

1932

Bryn Mawr College Undergraduate College Catalogue and Calendar, 1932-1934

Bryn Mawr College

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BRYN MAWR COLLEGE

CALENDAR

UNDERGRADUATE COURSES

1932

BRYN MAWR, PENNSYLVANIA

Published by Bryn Mawr College

Vol. XXV. Number 1. May, 1932.

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BRYN MAWR COLLEGE CALENDAR
1932

- Number 1. Undergraduate Courses.
- Number 2. Graduate Courses.
- Number 3. The Library and Halls of Residence,
Plans and Descriptions.
- Number 4. Finding List.

BRYN MAWR COLLEGE

1932							1933														1934																
JULY							JANUARY							JULY							JANUARY							JULY									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
					1	2	1	2	3	4	5	6	7							1		1	2	3	4	5	6	1	2	3	4	5	6	7			
3	4	5	6	7	8	9	8	9	10	11	12	13	14	2	3	4	5	6	7	8	7	8	9	10	11	12	13	8	9	10	11	12	13	14			
10	11	12	13	14	15	16	15	16	17	18	19	20	21	9	10	11	12	13	14	15	14	15	16	17	18	19	20	15	16	17	18	19	20	21			
17	18	19	20	21	22	23	22	23	24	25	26	27	28	16	17	18	19	20	21	22	21	22	23	24	25	26	27	22	23	24	25	26	27	28			
24	25	26	27	28	29	30	29	30	31					23	24	25	26	27	28	29	28	29	30	31				29	30	31							
31														30	31																						
AUGUST							FEBRUARY							AUGUST							FEBRUARY							AUGUST									
	1	2	3	4	5	6				1	2	3	4		1	2	3	4	5		1	2	3	4	5	6		1	2	3	4	5	6				
7	8	9	10	11	12	13	5	6	7	8	9	10	11	6	7	8	9	10	11	12	4	5	6	7	8	9	10	5	6	7	8	9	10	11			
14	15	16	17	18	19	20	12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17	12	13	14	15	16	17	18			
21	22	23	24	25	26	27	19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24	19	20	21	22	23	24	25			
28	29	30	31				26	27	28					27	28	29	30	31			25	26	27	28				26	27	28	29	30	31				
SEPTEMBER							MARCH							SEPTEMBER							MARCH							SEPTEMBER									
	4	5	6	7	8	9		5	6	7	8	9	10		3	4	5	6	7	8	9		4	5	6	7	8	9	10		2	3	4	5	6	7	8
11	12	13	14	15	16	17	12	13	14	15	16	17	18	10	11	12	13	14	15	16	11	12	13	14	15	16	17	9	10	11	12	13	14	15			
18	19	20	21	22	23	24	19	20	21	22	23	24	25	17	18	19	20	21	22	23	18	19	20	21	22	23	24	16	17	18	19	20	21	22			
25	26	27	28	29	30		26	27	28	29	30	31		24	25	26	27	28	29	30	25	26	27	28	29	30	31	23	24	25	26	27	28	29			
OCTOBER							APRIL							OCTOBER							APRIL							OCTOBER									
	2	3	4	5	6	7		2	3	4	5	6	7		1	2	3	4	5	6	7		1	2	3	4	5	6	7		1	2	3	4	5	6	
9	10	11	12	13	14	15	9	10	11	12	13	14	15	8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13			
16	17	18	19	20	21	22	16	17	18	19	20	21	22	15	16	17	18	19	20	21	15	16	17	18	19	20	21	14	15	16	17	18	19	20			
23	24	25	26	27	28	29	23	24	25	26	27	28	29	22	23	24	25	26	27	28	22	23	24	25	26	27	28	21	22	23	24	25	26	27			
30	31						30							29	30	31					29	30						28	29	30	31						
NOVEMBER							MAY							NOVEMBER							MAY							NOVEMBER									
	6	7	8	9	10	11		1	2	3	4	5	6		5	6	7	8	9	10	11		6	7	8	9	10	11	12		4	5	6	7	8	9	10
13	14	15	16	17	18	19	14	15	16	17	18	19	20	12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17			
20	21	22	23	24	25	26	21	22	23	24	25	26	27	19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24			
27	28	29	30				28	29	30	31				26	27	28	29	30			27	28	29	30	31			25	26	27	28	29	30				
DECEMBER							JUNE							DECEMBER							JUNE							DECEMBER									
	4	5	6	7	8	9		4	5	6	7	8	9		3	4	5	6	7	8	9		3	4	5	6	7	8	9		2	3	4	5	6	7	8
11	12	13	14	15	16	17	11	12	13	14	15	16	17	10	11	12	13	14	15	16	10	11	12	13	14	15	16	9	10	11	12	13	14	15			
18	19	20	21	22	23	24	18	19	20	21	22	23	24	17	18	19	20	21	22	23	17	18	19	20	21	22	23	16	17	18	19	20	21	22			
25	26	27	28	29	30	31	25	26	27	28	29	30		24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29			

The forty-eighth academic year will close with the conferring of Degrees at eleven o'clock, on June 7, 1933.

COLLEGE CALENDAR

1932-33

FIRST SEMESTER

College Entrance Board Condition Examinations begin	September 19
College Entrance Board Condition Examinations end	September 23
Halls of Residence open to the entering class at 3 P. M.	September 28
Registration of Freshmen	September 29
Registration of students. Halls of Residence open to all students at 9 A. M.	October 3
Examinations for advanced standing begin	October 3
Deferred and condition examinations begin	October 3
The work of the forty-eighth academic year begins at 8.45 A. M.	October 4
Examination in German for Seniors conditioned, 9-10.30 A. M.	October 8
Examination in German for M.A. candidates, 9-10.30 A. M.	October 8
Deferred and condition examinations end	October 8
Examinations for advanced standing end	October 8
Examination in French for Seniors conditioned, 9-10.30 A. M.	October 15
Examination in French for M.A. candidates, 9-10.30 A. M.	October 15
Examination in French for M.A. Candidates, 8-9.30 P. M.	November 16
Examination in German for M.A. candidates, 9-10.30 A. M.	November 19
Thanksgiving vacation begins at 12.45 P. M.	November 23
Thanksgiving vacation ends at 9 A. M.	November 28
Ph.D. Language examinations	December 3
Christmas vacation begins at 12.45 P. M.	* December 16
Christmas vacation ends at 9 A. M.	January 3
Monday classes transferred to Saturday	January 7
Last day of lectures	January 20
Half-yearly collegiate examinations begin	January 23
Ph.D. Language examinations	January 23
Collegiate examinations end	February 3
Annual meeting of the Alumnae Association	February 4
Vacation	February 6

SECOND SEMESTER

The work of the second semester begins at 9 A. M.	February 7
Announcement of Graduate European Fellowships	March 17
Mid-semester examination in Elementary Greek	March 21
Spring vacation begins at 12.45 P. M.	* March 24
Spring vacation ends at 9 A. M.	April 3
Deferred and condition examinations begin	April 4
Deferred and condition examinations end	April 8
Ph.D. Language examinations	April 8
Examinations in French for Juniors	April 29
Examinations in German for Juniors	May 6
Last day of lectures	May 19
Collegiate examinations begin	May 22
Collegiate examinations end	June 2
Baccalaureate Sermon	June 4
Conferring of degrees and close of forty-eighth academic year	June 7

* Friday Laboratory will be transferred to Tuesday of the same week and in case of conflict, students will be required to make up the work in their free hours.

COLLEGE CALENDAR

1933-34

FIRST SEMESTER

College Entrance Board Condition Examinations begin.....	September 18
College Entrance Board Condition Examinations end.....	September 22
Halls of Residence open to the entering class at 3 P. M.....	September 27
Registration of Freshmen.....	September 28
Registration of students. Halls of Residence open to all students at 9 A. M.....	October 2
Examinations for advanced standing begin.....	October 2
Deferred and condition examinations begin.....	October 2
The work of the forty-ninth academic year begins at 8.45 A. M.....	October 3
Examination in German for Seniors conditioned, 9-10.30 A. M.....	October 7
Examination in German for M.A. candidates, 9-10.30 A. M.....	October 7
Deferred and condition examinations end.....	October 7
Examinations for advanced standing end.....	October 7
Examination in French for Seniors conditioned, 9-10.30 A. M.....	October 14
Examination in French for M.A. candidates, 9-10.30 A. M.....	October 14
Examination in French for M.A. candidates, 8-9.30 P. M.....	November 22
Examination in German for M.A. candidates, 9-10.30 A. M.....	November 25
Thanksgiving vacation begins at 12.45 P. M.....	November 29
Thanksgiving vacation ends at 9 A. M.....	December 4
Ph.D. Language examinations.....	December 9
Christmas vacation begins at 12.45 P. M.....	*December 22
Christmas vacation ends at 9 A. M.....	January 8
Last day of lectures.....	January 19
Half-yearly collegiate examinations begin.....	January 22
Ph.D. Language examinations.....	January 22
Collegiate examinations end.....	February 2
Annual meeting of the Alumnae Association.....	February 3
Vacation.....	February 5

SECOND SEMESTER

The work of the second semester begins at 9 A. M.....	February 6
Mid-semester examination in Elementary Greek.....	March 15
Announcement of Graduate European Fellowships.....	March 16
Spring vacation begins at 12.45 P. M.....	*March 23
Spring vacation ends at 9 A. M.....	April 3
Deferred and condition examinations begin.....	April 3
Deferred and condition examinations end.....	April 7
Monday classes transferred to Saturday.....	April 7

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict students will be required to make up the work in the free hours.

Ph.D. Language examinations.....	April 7
Examinations in French for Juniors.....	April 28
Examinations in German for Juniors.....	May 5
Last day of lectures.....	May 18
Collegiate examinations begin.....	May 21
Collegiate examinations end.....	June 1
Baccalaureate Sermon.....	June 3
Conferring of degrees and close of forty-ninth academic year.....	June 6

BRYN MAWR COLLEGE

BRYN MAWR COLLEGE was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his life time the site of the college at Bryn Mawr, five miles west of Philadelphia, was purchased and the buildings were begun. At his death in January, 1880, he left the greater part of his estate for the foundation and maintenance of an institution of higher education for women. In 1880 the college was incorporated under the laws of Pennsylvania and was invested with the power to confer degrees; in 1883 the trustees issued a circular of information; in 1884 a President, Dr. James E. Rhoads and a Dean of Faculty, Miss M. Carey Thomas, were elected, plans were matured and academic appointments were made. In the spring of 1885 the first catalogue was issued and in the autumn of the same year the college began its first academic year.

On the death of President Rhoads in 1893, Dean Thomas was elected to the presidency, which office she held until she reached the age of retirement in 1922. President Marion Edwards Park was elected to the presidency in 1922.

Bryn Mawr College has believed always in the value of small classes and limits the total enrollment of undergraduates to about four hundred and resident graduates to less than one hundred. From the first it has been the policy of the trustees to organize no department in which they could not provide for graduate as well as undergraduate study offered by the same faculty.

Bryn Mawr College confers the degrees of Bachelor of Arts, Master of Arts and Doctor of Philosophy.

The departments of the college are:

Biblical Literature	History
Biology	History of Art
Chemistry	Italian
Classical Archæology	Latin
Comparative Philology and Linguistics	Mathematics
Economics and Politics	Music
Education	Philosophy
English	Physics
French	Psychology
Geology	Social Economy
German	Spanish
Greek	

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FRANCES FINCKE HAND§
MARGARET REEVE CARY**
Alumnæ Director, 1927-32
ELIZABETH LEWIS OTEY***
Alumnæ Director, 1928-33
VIRGINIA KNEELAND FRANTZ****
Alumnæ Director, 1929-34
VIRGINIA MCKENNEY CLAIBORNE*****
Alumnæ Director, 1930-35
FLORANCE WATERBURY
Alumnæ Director, December 1931-36

* Mrs. Henry Goddard Leach.

‡ Mrs. Learned Hand.

† Mrs. F. Louis Slade.

** Mrs. C. Reed Cary

‡ Mrs. William G. Hibbard.

*** Mrs. Dexter Otey.

**** Mrs. Angus Macdonald Frantz.

***** Mrs. Robert W. Claiborne

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 CAROLINE McCORMICK SLADE
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 J. HENRY SCATTERGOOD
 PARKER S. WILLIAMS
 FRANCES FINCKE HAND
 ELIZABETH LEWIS OTEY
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and Grounds*

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 SUSAN FOLLANSBEE HIBBARD,
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Chairman
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OFFICERS OF ADMINISTRATION

ACADEMIC YEAR, 1931-32

President

MARION EDWARDS PARK, PH.D., LL.D. Office: Taylor Hall.

President Emeritus

M. CAREY THOMAS, PH.D., LL.D., L.H.D.

Dean

HELEN TAFT MANNING, PH.D. Office: Taylor Hall.

Dean of the Graduate School

EUNICE MORGAN SCHENCK, PH.D. Office: The Library

Director of Publication

CAROLINE CHADWICK-COLLINS, A.B. Office: Taylor Hall.

Secretary and Registrar

BARBARA GAVILLER, A.B., B.Sc. Office: Taylor Hall.

Director of Scholarships and Assistant to the Dean

JULIA WARD, A.B. Office: Taylor Hall.

Assistant to the President

DOROTHY MACDONALD, A.B. Office: Taylor Hall.

Wardens of the Halls of Residence

KATHERINE MARY PEEK, M.A., Pembroke Hall (*Head*).
LAURA MORSE RICHARDSON, A.B., Pembroke Hall (*Assistant*).
ALICE BEARDWOOD, D.PHIL., Rockefeller Hall.
MAGDALEN HUPFEL, A.B., Denbigh Hall.
FRIEDRIKA MARGRETHA HEYL, A.B., Merion Hall.
CHARLOTTE BRANDON HOWE, M.A., Wyndham.
CATHERINE PALMER ROBINSON, M.A., Radnor Hall (*Senior Resident*).

Director of Halls

CHARLOTTE BRANDON HOWE, M.A. Office: Rockefeller Hall.

Physician-in-Chief

THOMAS F. BRANSON, M.D. Office: Rosemont, Pa.

College Physician

MARJORIE JEFFERIES WAGONER, M.D. Office: The Infirmary.

Consultant in Psychiatry and Mental Hygiene

EARL D. BOND, M.D., 707 Old Lancaster Road, Bryn Mawr.

Director of Physical Education and Supervisor of Health

JOSEPHINE PETTS. Office: The Gymnasium.

Librarian

LOIS ANTOINETTE REED, A.B., B.L.S. Office: The Library

Comptroller

SANDY LEE HURST. Office: Taylor Hall.

Superintendent

JOHN J. FOLEY. Office: Rockefeller Hall.

ACADEMIC APPOINTMENTS

ACADEMIC YEAR, 1931-32

TEACHING

- MARION EDWARDS PARK, PH.D., LL.D.,** *President of the College.*
A.B. Bryn Mawr College 1898, M.A. 1899 and Ph.D. 1918. Holder of the Bryn Mawr European Fellowship, 1898-99 and Graduate Student, Bryn Mawr College, 1898-99, 1912-14, 1916-17; American School of Classical Studies, Athens, Greece, 1901-02; Instructor in Classics, Colorado College, 1902-06 and Assistant Professor of Classics, 1914-15; Teacher in Miss Wheeler's School, Providence, R. I., 1906-09; Acting Dean of Bryn Mawr College, 1911-12; Dean of Simmons College, 1918-21; Dean of Radcliffe College, 1921-22; President of Bryn Mawr College, 1922—.
- M. CAREY THOMAS, PH.D., LL.D., L.H.D.,** *President Emeritus of the College.*
A.B. Cornell University 1877; Ph.D. University of Zurich 1882. Studied at the Johns Hopkins University, 1877-78; University of Leipsic, 1879-81. Student in the Sorbonne and Collège de France, 1883; Dean of the Faculty of Bryn Mawr College and Professor of English, 1885-94 and President of the College and Professor of English, 1894-1922.
- HELEN TAFT MANNING, PH.D.,** *Dean of the College.*
A.B. Bryn Mawr College 1915, M.A. Yale University 1916 and Ph.D. 1924. Dean of Bryn Mawr College, 1917-19 and 1925—, Acting President, 1919-20 and 1929-30.
- EUNICE MORGAN SCHENCK, PH.D.,** *Professor of French and Dean of the Graduate School and Holder of a Special Grant.*
A.B. Bryn Mawr College 1907 and Ph.D. 1913. Graduate Student, Bryn Mawr College, 1909, Graduate Scholar, 1909-10 and Fellow in Romance Languages, 1912-13; President's European Fellow and Student in the Sorbonne, Collège de France, University of Grenoble and in Madrid, 1910-12; Reader in French, Bryn Mawr College, 1913-14, Associate in French, 1914-16, Dean of the College and Associate Professor of French, 1916-17, Associate Professor of French, 1917-25, Professor, 1925— and Dean of the Graduate School, 1929—.
- WILMER CAVE WRIGHT, PH.D.,** *Professor of Greek.*
Girton College, University of Cambridge, England, 1888-92; Graduate in Honours, Cambridge Classical Tripos, 1892; Ph.D., University of Chicago, 1895. Fellow in Greek, Bryn Mawr College, 1892-93; Fellow in Latin, University of Chicago, 1893-94 and Fellow in Greek, 1894-95; Reader in Greek and Latin, University of Chicago, 1895-96; Reader in Classical Literature, Bryn Mawr College, 1897-99, Associate in Classical Literature, 1899-1901, Associate in Greek, 1901-04 and 1905-07, Associate Professor, 1907-1921 and Professor, 1921—.
- JAMES H. LEUBA, PH.D.,** *Professor of Psychology and Holder of The Julius and Sarah Goldman Grant.*
B.S. University of Neuchatel 1886; Ph.D. Clark University 1896. Scholar in Psychology, Clark University 1892-93 and Fellow in Psychology 1893-95. Associate in Psychology and Education, Bryn Mawr College, 1897-1904, Associate Professor 1904-06 and Professor of Psychology, 1906—.
- HENRY NEVILL SANDERS, PH.D.,** *Alumniæ Professor of Greek.*
Edinburgh University, 1887-88. A.B. Trinity University, Toronto, 1894 and M.A. 1897; Ph.D. Johns Hopkins University 1903. Fellow in Greek, Johns Hopkins University, 1897-98; Lecturer in Greek, Latin and Sanskrit, McGill University, 1898-1902; Associate Professor of Greek, Bryn Mawr College, 1902-05 and Professor, 1905—.
- WILLIAM BASHFORD HUFF, PH.D.,** *Marion Reilly Professor of Physics and Holder of The Marion Reilly Grant.*
A.B. University of Wisconsin 1889; M.A. University of Chicago 1896; Ph.D. Johns Hopkins University 1900. Lecture Assistant in Physics, Johns Hopkins University, 1899-1900, Assistant in Physics, 1900-01 and Instructor in Physics, 1901-02; Associate in Physics, Bryn Mawr College, 1902-06, Associate Professor, 1906-09 and Professor, 1909-32.
- WILLIAM ROY SMITH, PH.D.,** *Professor of History.*
A.B. University of Texas 1897 and M.A. 1898; Ph.D. Columbia University 1903. Acting Professor of History and Political Science, University of Colorado, 1900-01; Lecturer in History, Barnard College, 1901-02; Reader in History, Bryn Mawr College, 1902-03, Associate, 1903-07, Associate Professor, 1907-14 and Professor, 1914—.

LUCY MARTIN DONNELLY, A.B., *Mary Elizabeth Garrett Memorial Alumnae Professor of English and Holder of the Lucy Martin Donnelly Grant.*

A.B. Bryn Mawr College 1893. University of Oxford and University of Leipsic, 1893-94; Sorbonne and Collège de France and University of Leipsic, 1894-95; Reader in English, Bryn Mawr College, 1896-1903, Lecturer, 1903-08, Associate Professor, 1908-11 and Professor of English, 1911—.

DAVID HILT TENNENT, PH.D., *Professor of Biology and Holder of the Constance Guyot Cameron Ludington Grant.*

B.S. Olivet College 1900; Ph.D. Johns Hopkins University 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904 and 1912; Lecturer in Biology, Bryn Mawr College, 1904-05, Associate, 1905-06, Associate Professor, 1906-12 and Professor, 1912—.

MARION PARRIS SMITH, PH.D., *Professor of Economics.*

A.B. Bryn Mawr College 1901 and Ph.D. 1907. Graduate Student, Bryn Mawr College, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07; Reader in Economics and Politics, Bryn Mawr College, 1907-08, Associate in Economics, 1908-12, Associate Professor, 1912-16 and Professor, 1916—.

GRACE MEAD ANDRUS DE LAGUNA, PH.D., *Professor of Philosophy.*

A.B. Cornell University 1903 and Ph.D., 1906. Sage Scholar in Philosophy, Cornell University, 1903-05; Reader in Philosophy, Bryn Mawr College, 1907-08, Associate in Philosophy, 1911-16, Associate Professor, 1916-29 and Professor, 1929—.

REGINA KATHARINE CRANDALL, PH.D., *Margaret Kingsland Haskell Professor of English Composition.*

A.B. Smith College 1890; Ph.D. University of Chicago 1902. Graduate Student, University of Chicago, 1893-94 and Fellow in History, 1894-96; Assistant in History, Smith College, 1896-99; Instructor in History, Wellesley College, 1899-1900; Reader in English, Bryn Mawr College, 1902-16, Director of English Essay Work, 1913-16, Associate in English, 1916-17, Associate Professor of English Composition 1917-18 and Professor, 1918—.

SAMUEL CLAGGETT CHEW, PH.D., *Professor of English Literature and Holder of The Mary Hill Swope Grant.*

A.B. Johns Hopkins University 1909 and Ph.D. 1913. Fellow, Johns Hopkins University, 1910-12; Associate in English, Bryn Mawr College, 1914-16, Associate Professor, 1916-20 and Professor, 1920—.

SUSAN MYRA KINGSBURY, PH.D., *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research.*

A.B. College of the Pacific 1890; M.A. Leland Stanford Jr. University 1899; Ph.D. Columbia University 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Department, Simmons College, 1906-07; Assistant, Associate and Professor in Economics, Simmons College and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15; Carola Woerishoffer Professor of Social Economy and Social Research, Bryn Mawr College, 1915—.

GEORGIANA GODDARD KING, M.A., *Professor of the History of Art and Holder of a Special Grant.*

A.B. Bryn Mawr College 1896 and M.A. 1897. Fellow in Philosophy, Bryn Mawr College, 1896-97 and Fellow in English, 1897-98; Studied at Collège de France, Semester I, 1898-99; Reader in English, Bryn Mawr College, 1906-10, Reader in English and Lecturer in Art, 1910-11, Lecturer in History of Art and Comparative Literature, 1911-15, Associate Professor of History of Art, 1915-16 and Professor, 1916—.

RHYS CARPENTER,* PH.D., *Professor of Classical Archaeology.*

A.B. Columbia University 1909 and Ph.D. 1916; B.A. University of Oxford 1911 and M.A. 1914. Rhodes Scholar and Student, Balliol College, University of Oxford, 1908-11; Drisler Fellow in Classics, Columbia University, 1911-13; Student, American School of Classical Studies in Athens, 1912-13; Lecturer in Classical Archaeology, Bryn Mawr College, 1915-18 (absent for military service, 1917-19) and Professor of Classical Archaeology, 1918—. (On leave of absence to fill the post of Director of the American Academy at Rome, 1926-27 and the Director of the American School of Classical Studies at Athens, 1927-32.)

*Granted leave of absence for the years 1926-32.

- CHARLES GHEQUIERE FENWICK, PH.D.,** *Professor of Political Science.*
A.B. Loyola College 1907; Ph.D. Johns Hopkins University 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, Summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14; Lecturer in Political Science, Bryn Mawr College, 1914-15, Associate Professor, 1915-18 and Professor, 1918—.
- HOWARD LEVI GRAY, PH.D.,** *Marjorie Walter Goodhart Professor of History and Holder of the Marjorie Walter Goodhart Grant.*
A.B. University of Rochester 1897; A.B. Harvard University 1898, M.A. 1900 and Ph.D. 1907. Instructor in History, Harvard University, 1909-13 and Assistant Professor of History, 1914-15; Professor of History, Bryn Mawr College, 1915— (Absent for government service, 1918-19).
- JAMES LLEWELLYN CRENSHAW, PH.D.,** *Professor of Physical Chemistry.*
A.B. Centre College 1907 and M.A. 1908; Ph.D. Princeton University 1911. Assistant Chemist in the Geophysical Laboratory of the Carnegie Institution, Washington, D. C., 1910-15; Associate in Physical Chemistry, Bryn Mawr College, 1915-18, Associate Professor, 1918-25 (absent for military service, 1917-19) and Professor, 1925—.
- SAMUEL ARTHUR KING, M.A.,** *Non-resident Lecturer in English Diction.*
M.A. University of London 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902; Non-resident Lecturer in English Diction, Bryn Mawr College, 1902—.
- ANNA JOHNSON PELL-WHEELER, PH.D.,** *Professor of Mathematics.*
A.B. University of South Dakota 1903; M.S. University of Iowa 1904; M.A. Radcliffe College 1905; Ph.D. University of Chicago 1910. Holder of Alice Freeman Palmer Fellowship of Wellesley College and Student in Mathematics, University of Göttingen, 1906-07; Instructor in Mathematics, Mount Holyoke College, 1911-14 and Associate Professor of Mathematics, 1914-18; Associate Professor of Mathematics Bryn Mawr College, 1918-25, Professor of Mathematics, 1925-27, Non-resident Lecturer in Mathematics, 1928-30 and Semester II, 1930-31 and Professor of Mathematics, 1931—.
- CHARLES WENDELL DAVID, PH.D.,** *Professor of European History.*
A.B. University of Oxford 1911; M.A. University of Wisconsin 1912; Ph.D. Harvard University 1918, Rhodes Scholar, University of Oxford, 1908-11. Instructor in History, University of Washington, 1915-18; Associate Professor of European History, Bryn Mawr College, 1918-27 and Professor, 1927—.
- MARY HAMILTON SWINDLER, PH.D.,** *Professor of Classical Archaeology.*
A.B. University of Indiana 1905 and M.A. 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Greek, Bryn Mawr College, 1906-07 and Fellow in Greek, 1907-09; Mary E. Garrett European Fellow and Student, University of Berlin and the American School of Classical Studies in Athens, 1909-10; Acting Dean of Women, University of Indiana, summers, 1911, 1913; Reader in Latin and Demonstrator in Art and Archaeology, Bryn Mawr College, 1912-16, Instructor in Latin and Classical Archaeology, 1916-21, Associate, 1921-25, Associate Professor, 1925-31 and Professor of Classical Archaeology, 1931—.
- HORACE ALWYNE,* F.R.M.C.M.,** *Professor of Music and Director of the Department of Music.*
Holder of Sir Charles Hallé Memorial Scholarship, 1909-12, Gold Medallist and graduate (with distinction) of Royal Manchester College of Music, England, 1912. Honorary Fellow, Royal Manchester College of Music, 1924. Director of Music, Manchester Grammar School, 1911-12; Head of Piano Department, Skidmore School of Arts, Saratoga Springs, N. Y., 1914-21; Student of Professor Max Mayer (England) and Professor Michael von Zadora (Berlin); Associate Professor of Music, Bryn Mawr College, 1921-27 and Professor, 1927—.
- ROGER HEWES WELLS, PH.D.,** *Associate Professor of Economics and Politics.*
A.B. Northwestern University 1916; M.A. Harvard University 1921 and Ph.D. 1923. Teacher in the High School, Quincy, Illinois, 1916-17; On military service, 1917-19; Assistant in Government, Harvard University, 1920-22; Austin Teaching Fellow in Government, Harvard University, 1922-23; Assistant in Government, Radcliffe College, 1922-23; Associate in Economics and Politics, Bryn Mawr College, 1923-27 and Associate Professor, 1927—; Guggenheim Fellow in Germany, 1927-28.
- JOSEPH E. GILLET, PH.D.,** *Professor of Spanish.*
Ph.D. University of Liège 1910. Assistant Lecturer in French, University of Edinburgh, 1910-11; Student in the Universities of Paris, Leyden, Munich and Berlin, 1911-13; Instructor in German, University of Wisconsin, 1913-15; Associate in Comparative Literature and Romance Languages, University of Illinois, 1915-18; Absent for military service, 1918-19; Student in Spain, 1919-20; Assistant Professor of Romance Lan-

*On leave of absence for the second semester of the year 1931-32.

guages, University of Minnesota, 1921-24; Associate Professor of Spanish, Bryn Mawr College, 1924-29 and Professor, 1929—; Visiting Professor, Princeton University, Semester I, 1928-29 and 1929-30.

HORNELL HART, PH.D., *Professor of Social Economy.*

A.B. Oberlin College 1910; M.A. University of Wisconsin 1914; Ph.D. University of Iowa 1921. Graduate Student and Assistant in Sociology, University of Wisconsin, 1912-13; Civic Secretary, Milwaukee City Club, 1913-17; Associate, Cincinnati Social Unit, 1917-18; Graduate Student and Research Assistant, University of Iowa, 1919-21; Research Associate Professor in Sociology in the University of Iowa and Head of the Sociological Division of the Iowa Child Welfare Research Station, 1921-24; Associate Professor of Social Economy and Social Research, Bryn Mawr College, 1924-30 and Professor, 1930—.

AGNES LOW ROGERS, * PH.D., *Professor of Education and Psychology.*

M.A. St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D. Columbia University 1917. Marion Kennedy Student and Research Scholar, Columbia University, 1914-15, Research Fellow, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25; Professor of Education and Psychology, Bryn Mawr College, 1925—.

MAX DIEZ, PH.D., *Associate Professor of German Literature.*

A.B. Washington University 1909 and M.A. 1910; Ph.D. University of Texas 1916. Fellow in German, Washington University, 1909-10; Assistant in German, University of Wisconsin, 1910-11; Instructor in German, Washington University, 1911-15; Assistant Professor of German, University of Texas, 1915-18; War service, 1918-19; Professor of German, Centre College, 1921-25; Associate in German, Bryn Mawr College, 1925-27 and Associate Professor, 1927—.

HENRY JOEL CADBURY, * PH.D., *Professor of Biblical Literature and Holder of the Rufus M. Jones Grant.*

A.B. Haverford College 1903; M.A. Harvard University 1904 and Ph.D. 1914. Master in Westtown School, 1905-08; Instructor, Assistant Professor and Associate Professor in Biblical Literature, Haverford College, 1910-19; Instructor in Greek, 1910-11; Associate Professor of Greek, 1918-19; Lecturer and Assistant Professor of New Testament Interpretation, Andover Theological Seminary, 1919-26; Lecturer on the Old Testament, Episcopal Theological School, Cambridge, 1924-26; Assistant Professor of New Testament Interpretation, Harvard University, 1922-26; Professor of Biblical Literature, Bryn Mawr College, 1926—.

LILY ROSS TAYLOR, PH.D., *Professor of Latin.*

A.B. University of Wisconsin 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Latin, Bryn Mawr College, 1906-07, Fellow in Latin 1907-08 and Reader 1908-09; Reader and Demonstrator in Archaeology, 1910-12; Instructor in Latin, Vassar College, 1912-19; Fellow of the American Academy in Rome, 1917-18, 1919-20; Assistant Professor of Latin, Vassar College, 1919-22, Associate Professor, 1922-25 and Professor, 1925-27; Professor of Latin, Bryn Mawr College, 1927—.

GRACE FRANK, A.B., *Non-resident Associate Professor of Old French Philology.*

A.B. University of Chicago 1907. Graduate Student, Bryn Mawr College, 1908-10, 1913-16; Universities of Göttingen and Berlin, 1911; University of Pennsylvania, 1918-19; Lecturer in Romance Philology, Bryn Mawr College, 1926-27 and non-resident Associate Professor of Old French Philology, 1927—.

MARGARET GILMAN, PH.D., *Associate Professor of French.*

A.B. Bryn Mawr College 1919, M.A. 1920 and Ph.D. 1924. Graduate Scholar in French, 1919-20 and Fellow in French, 1920-22; Fellow, Ecole Normale Supérieure de Sèvres and Student, University of Paris, 1922-23; Instructor in French, Bryn Mawr College, 1923-26, Associate, 1926-30 and Associate Professor, 1930—.

ILSE FOREST, PH.D., *Associate Professor of Education.*

B.S. Teachers College, Columbia University, 1922; M.A. 1923; Ph.D. Columbia University 1927. Teacher and Critic, Kindergarten and Elementary Grades, 1915-23; Demonstration Teacher, State Normal School, New Paltz, New York, 1923-24; Laura Spellman Rockefeller Fellow, Columbia University, 1925-26; Professor of Child Psychology, Iowa State Teachers College, 1926-27; Associate in Education, Bryn Mawr College, 1927-28 and Associate Professor, 1928—.

STEPHEN JOSEPH HERBEN, JR., PH.D., *Associate Professor of English Philology.*

B.Litt. Rutgers University 1920; M.A. Princeton University 1921 and Ph.D. 1924. Graduate Student, Columbia University, summer, 1922; Fellow of the American Scandinavian Foundation, University of Copenhagen, 1922-23; Special Coach in Old English, Oxford University, 1923-24. Contributing consultant for C. and G. Merriam and Company, 1926-27. Instructor in English, Princeton University, 1924-25; Associate Professor of English Philology, Bryn Mawr College, 1925—.

* Granted leave of absence for the year 1932-33.

FRITZ MEZGER, Ph.D., Associate Professor of Germanic Philology.

Ph.D. University of Berlin 1921. Studied at the University of Tübingen, 1911-12, University of Munich, 1912-13, University of Geneva, 1913, University of Paris, 1913-14, University of Munich, 1919, University of Berlin, 1920-22. Instructor in German, Harvard University, 1927-28; Associate Professor of Germanic Philology, Bryn Mawr College, 1928—.

THOMAS ROBERT SHANNON BROUGHTON, Ph.D., Associate Professor of Latin.

A.B. University of Toronto 1921 and M.A. 1922; Ph.D. Johns Hopkins University 1928. Student, University of Chicago, spring 1922 and 1923 and summer 1925. Rogers Fellow, Johns Hopkins University, 1925-26 and 1927-28; Instructor in Greek, Amherst College, 1926-27; Associate in Latin, Bryn Mawr College, 1928-30 and Associate Professor, 1930—.

JEAN M. F. CANU, Agrégé de l'Université, Associate Professor of French.

Licencié-ès-lettres, 1917 and *Agrégé de l'Université*, University of Paris, 1920. Professor, Lycée of Alger, 1920-21, Lycée of Beauvais, 1921-23, Lycée of Bordeaux, 1923-26; Laura Spelman Rockefeller Memorial Fellow, 1926-28; Associate Professor of French, Bryn Mawr College, 1928—.

HARRY HELSON, Ph.D., Associate Professor of Experimental Psychology.

A.B. Bowdoin College 1921; M.A. Harvard University 1922 and Ph.D. 1924. Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28; Associate Professor of Experimental Psychology, Bryn Mawr College, 1928—.

DOROTHEA EGGLESTON SMITH,* Ph.D., Associate in Physiology and Biochemistry.

A.B. Radcliffe College 1913, M.A. 1924 and Ph.D. 1926. Volunteer Research Worker, Rockefeller Institute, 1913-19; Research Assistant, Department of Physiology, Harvard University, 1921-22; Research Assistant in Biology, Bryn Mawr College, 1926-27; Lecturer in Physiology and Biochemistry, Bryn Mawr College, 1927-29 and Associate, 1929-32.

ERNEST WILLOUGHBY, A.R.C.M., Associate in Music.

A.R.C.M. London 1922. Organist and Choir Master, Ross Parish Church, 1913-15. Sub-organist and Choir Director, Hereford Cathedral, Music Master, Hereford Cathedral School, England; Assistant Director, Hereford Choral Society and Hereford Orchestral Society and Hereford Musical Festival, 1918-22; Instructor in Music, Bryn Mawr College, 1923-29 and Associate in Music, 1929—.

MARGUERITE LEHR,* Ph.D., Associate in Mathematics.

A.B. Goucher College 1919; Ph.D. Bryn Mawr College 1925. Reader and Graduate Student in Mathematics, Bryn Mawr College, 1919-21, President's European Fellow and Fellow in Mathematics, 1921-22, Fellow by Courtesy and Graduate Scholar in Mathematics, 1922-23; American Association of University Women Fellow and Student, University of Rome, 1923-24; Instructor in Mathematics, Bryn Mawr College, 1924-29 and Associate in Mathematics, 1929—.

MARY SUMMERFIELD GARDINER, Ph.D., Associate Professor of Biology.

A.B. Bryn Mawr College 1918, M.A. 1924 and Ph.D. 1927. Information Secretary, Y. W. C. A. Hostess House, Camp Mills, L.I., 1918-19; Secretary and Social Worker, Henry Street Settlement, New York City, 1920-21; Warden of Denbigh Hall, Bryn Mawr College, 1921-24 and of Pembroke Hall West, 1925-27. Graduate Student, Bryn Mawr College, 1922-24 and 1925-27 and University Student, London, 1924-25; Instructor in Biology, Bryn Mawr College, 1927-29 and Assistant to the Dean, Semester II, 1928-29, Associate in Biology and Assistant to the Dean, 1929-30; Associate in Biology, 1930-31 and Associate Professor of Biology, 1931—.

ENID GLEN, Ph.D., Associate in English.

A.B. University of Manchester 1923; University Teachers' Diploma 1924 and Ph.D. 1926. Graduate Scholar in English, University of Manchester, 1923-24 and John Bright Fellow in English Literature, 1925-26; Frances Riggs Fellow, University of Michigan, 1926-27. Instructor in English, Vassar College, 1927-28; Staff Tutor in Literature, Loughborough College (University of Nottingham), 1928-29; Associate in English, Bryn Mawr College, 1929—.

MADELEINE SOUBEIRAN, Agrégée de l'Université, Associate in French.

École Normale Supérieure de Sèvres 1924-27. *Agrégée de l'Université*, University of Paris, 1927. Teacher in Lycée, Aix-en-Provence, 1927-29; Associate in French, Bryn Mawr College, 1929—.

* On leave of absence for the year 1931-32.

EDWARD STAUFFER KING, M.F.A., *Associate in the History of Art.*

A.B. Princeton University 1923 and M.F.A. 1923. Graduate Student, Harvard University, 1923-24. Lecturer in the History of Art, Bryn Mawr College, Semester II, 1924-25 and Instructor in the History of Art, 1925-26. Graduate Student, Princeton University, 1926-27 and Instructor in the History of Art, Princeton University, 1927-28. Holder of a Marquand Fellowship in Medieval Archaeology and student in France, 1928-29; Lecturer in History of Art, Bryn Mawr College, Semester II, 1929-30 and Associate in History of Art, 1930—.

CAROLINE ROBBINS, Ph.D., *Associate in History.*

A.B. University of London 1924 and Ph.D. 1926. Christie Research Fellow in History at Royal Holloway College and the Institute of Historical Research, London, 1924-26; Riggs Fellow at the University of Michigan, 1926-27; Instructor in History, College for Women, Western Reserve University, 1927-28; Instructor in History, Bryn Mawr College, Semester II, 1928-29 and 1929-30; Associate in History, 1930—.

GUSTAV A. HEDLUND, Ph.D., *Associate in Mathematics.*

A.B. Harvard University 1925 and Ph.D. 1930; M.A. Columbia University 1927. Instructor in Mathematics, Hunter College, 1925-27; Part-time Instructor in Mathematics and Graduate Student, Harvard University, 1927-30; Instructor, Radcliffe College, 1928-30; Associate in Mathematics, Bryn Mawr College, 1930—.

ANGELINE HELEN LOGRASSO, Ph.D., *Associate Professor of Italian.*

A.B. University of Rochester 1917 and M.A. 1918; Ph.D. Radcliffe College 1927. Graduate Student in Romance Languages, Columbia University, summers 1919, 1920 and 1923. Graduate Student in History, Harvard University, summer, 1921. Rebecca Greene Fellow, Radcliffe College, 1925-26 and 1926-27; Augustus Anson Whitney Travelling Fellow in England, France and Italy, 1927-28; Instructor in Romance Languages, University of Rochester and the East High School, Rochester, 1917-25; Assistant Professor of French and Italian, University of Rochester, 1928-30; Associate Professor of Italian, Bryn Mawr College, 1930—.

EDWARD WATSON, Ph.D., *Associate in Geology.*

A.B. Johns Hopkins University 1925 and Ph.D. 1929. Instructor in Geology, Johns Hopkins University, 1928-30; Associate in Geology, Bryn Mawr College, 1930—.

NELSON KELLOGG RICHTMYER, Ph.D., *Associate in Chemistry.*

A.B. Harvard University 1923, M.A. 1925 and Ph.D. 1927. Research Assistant in Chemistry, Harvard University, 1927-28 and 1929-30; Research Student, University of Heidelberg, 1928-29; Associate in Chemistry, Bryn Mawr College, 1930—.

MILDRED FAIRCHILD, Ph.D., *Associate in Social Economy.*

A.B. Oberlin College 1916 and M.A. 1925; Ph.D. Bryn Mawr College 1929. On Staff of Fisk University, 1916-18; War Camp Community Service, 1918-20; Playground and Recreation Association of America, 1920-22; Oberlin College Campaign Field Organizer, 1923. Fellow in Social Economy and Social Research, Bryn Mawr College, 1925-27; Research Assistant in Social Economy and Graduate Student, Bryn Mawr College, 1927-28. Gamma Phi Beta Fellow of the American Association of University Women and Student, London School of Economics, 1928-29. Traveller in Russia and Research Worker on the Condition of Women in Industry under the auspices of the Society for the Advancement of Cultural Relations with Russia 1929-30; Associate in Social Economy and Social Research, Bryn Mawr College, 1930—.

A. LINCOLN DRYDEN, JR., Ph.D., *Associate in Geology.*

A.B. Johns Hopkins University 1925 and Ph.D. 1930. Geologist with the Maryland Geological Survey, summers 1927, 1929; Assistant Geologist with the Sinclair Exploration Company in Venezuela, 1928; Associate in Geology, Bryn Mawr College, 1930—.

MILTON CHARLES NAHM, M.A., B.LITT., *Associate in Philosophy.*

A.B. University of Pennsylvania 1925 and M.A. 1926; B.A. Oxford University 1928 and B.Litt. 1929. Instructor in Philosophy, University of Pennsylvania, 1929-30; Lecturer in Philosophy, Bryn Mawr College, 1930-31 and Associate in Philosophy, 1931—.

VALENTIN MÜLLER, Ph.D., *Associate Professor of Archaeology.*

Ph.D. University of Berlin 1915. Student at the University of Göttingen, 1908, at Munich, 1909, at Bonn, 1910-12 and at Berlin, 1913-15. Assistant at the Archaeological Seminary of the University of Berlin, 1919-21; Fellow Traveller of the German Archaeological Institute at Rome, 1921-23; Privatdozent, University of Berlin, 1923-29; Extraordinary Professor, University of Berlin, 1929-31. Associate Professor of Archaeology, Bryn Mawr College, Semester II, 1931-32, 1932—.

JANE MARY DEWEY, Ph.D., *Associate in Physics.*

A.B. Barnard College 1922 and Ph.D. Massachusetts Institute of Technology 1925. Barnard College International Fellow, University Institute of Theoretical Physics, Copenhagen, 1925-26; Rask-Orsted Foundation Fellow, Copenhagen, 1926-27; National Research Council Fellow, Princeton University, 1927-29; Research Fellow, University of Rochester, 1929-31; Associate in Physics, Bryn Mawr College, 1931—.

PAUL WEISS, Ph.D., Associate in Philosophy.

B.S.S. College of the City of New York 1927; M.A. Harvard University 1928 and Ph.D. 1929. University Scholar, Harvard University, 1927-28; Sears Scholar in Philosophy, 1928-29; Sears Traveling Scholar in Philosophy at Freiburg, Germany and the Sorbonne, 1929-30; Instructor and Tutor in Philosophy, Harvard University and Instructor in Philosophy, Radcliffe College, 1930-31; Associate in Philosophy, Bryn Mawr College, 1931—.

ERNEST WESLEY BLANCHARD, Ph.D., Associate in Biology.

Ph.B. Brown University 1927; M.S. State University of Iowa 1929; Ph.D. Princeton University 1930. Graduate Assistant in Zoology, State University of Iowa, 1927-29; Instructor, summer session, Iowa University, 1929; Research Assistant, Princeton University, 1929-30; Assistant Professor of Zoology, University of Maryland, 1930-31; Associate in Biology, Bryn Mawr College, 1931—.

WILLIAM WELCH FLEXNER, Ph.D., Lecturer and Associate-elect in Mathematics.

B.S. Harvard University 1926; M.A. Princeton University 1927 and Ph.D. 1930. Fellow in Mathematics, Princeton University, 1927-28 and Proctor Fellow, 1928-29; Research Associate in Mathematics, 1929-30; and Instructor, 1930-31. Lecturer and Associate-elect in Mathematics, Bryn Mawr College, 1931—.

MYRA RICHARDS JESSEN, A.B., Instructor and Associate-elect in German.

A.B. Bryn Mawr College 1915; Ph.D. to be conferred 1932. Graduate Student, Bryn Mawr College, 1919-20, 1922-24; Teacher, Friends' Central School, Philadelphia, 1920-21; Baldwin School, Bryn Mawr, 1921-23; Instructor in German, Bryn Mawr College, 1923-28 and 1929-32. Anna Ottendorfer Memorial Research Fellow, 1928-29; Associate-elect in German, Bryn Mawr College, 1932.

WALTER C. MICHELS, Ph.D., Associate-elect in Physics.

E.E. Rensselaer Polytechnic Institute, 1927; Ph.D. California Institute of Technology 1930. Teaching Assistant in Physics, California Institute of Technology, 1927-29 and Teaching Fellow in Physics, 1929-30. National Research Fellow in Physics, Princeton University, 1930-32. Associate-elect in Physics, Bryn Mawr College, 1932.

CRABBS, LELAH MAE, Ph.D., Lecturer-elect in Education.

B.S. Columbia University 1917, M.A. 1922 and Ph.D. 1925. Assistant Principal, Harvard Demonstration Primary School, Milton, Mass., 1914-16; Principal, Elementary Department, Mary C. Wheeler Town and Country School, Providence, R. I., 1916-20; Associate, Elementary Education, Measurements and Research, Teachers College, Columbia University, 1922-23; Supervisor psychology and educational measurements, Rutherford, N. J., 1922-24; Lecturer, Elementary Education, 1923-25; Psychologist and Psychological Research Worker, Merrill-Palmer Home Training School, Detroit, Mich., 1925-28; Research Associate in Psychology and Assistant Professor in Education, Teachers College, Columbia University, 1928-30.

LOUISE ADAMS HOLLAND, Ph.D., Lecturer in Latin, Semester II.

A.B. Barnard College 1914 and M.A. 1915; Ph.D. Bryn Mawr College, 1920. Instructor in Latin, Smith College, 1918-21 and Assistant Professor of Latin, 1921-23, with leave of absence as Fellow at the American Academy in Rome, 1922-23; Assistant Professor of Latin, Vassar College, 1925-27; Lecturer in Latin, Bryn Mawr College, 1928-30 and Lecturer, Semester II, 1931-32.

EDWARD M. M. WARBURG, A.B., Lecturer in History of Art.

A.B. Harvard University 1930. Studying abroad, 1930-31. Lecturer in History of Art, Bryn Mawr College, 1931-32.

ELEANOR LANSING DULES, Ph.D., Lecturer in Economics, Semester II and Non-resident Lecturer-elect in Economics.

A.B. Bryn Mawr College 1916 and M.A. 1920; Ph.D. Radcliffe College 1926. Relief Worker in Paris 1917-18; Reconstruction Worker, American Friends Service Committee in France, 1918-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Employment Manager, S. Gemby, Long Island City, 1920-21; Graduate Student, London School of Economics, 1921-22 and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1926-27; Instructor in Economics, Simmons College, 1927-28; Associate in Social Economy and Social Research, Bryn Mawr College, 1928-30 and Lecturer in Economics, Semester II, 1931-32. Non-resident Lecturer-elect in Economics, 1932.

ALFRED J. SWAN, B.A., Lecturer in Music, Semester II.

B.A. Oxford University, 1931. Assistant Professor of Music, University of Virginia, 1921-23; Director of Music, Swarthmore College and Associate Professor of Music, Haverford College, 1926—. Lecturer in Music, Bryn Mawr College, Semester II, 1932.

- ALMENA DAWLEY, M.A.,** *Non-resident Lecturer in Social Economy.*
A.B. Oberlin College 1912; M.A. University of Chicago 1915. Statistical Worker, Metropolitan Life Insurance Company, New York, 1912-13; Sociologist, Laboratory of Social Hygiene, Bedford Hills, New York, 1915-18; Assistant to the Director, in charge of Research, Interdepartmental Social Hygiene Board, Washington, D. C., 1918-19; Director, Department of Research and Investigation, Women's Cooperative Alliance, Minneapolis, 1919-20; Director of Investigation, Committee to Study Visiting Nursing, 1922-23; Supervisor, Department of Social Investigation, Pennsylvania School of Social and Health Work, 1920-25; Chief Social Worker, Philadelphia Child Guidance Clinic, 1925—. Non-resident Lecturer in Social Economy, Bryn Mawr College, 1928—.
- MINOR WHITE LATHAM, Ph.D.,** *Non-resident Lecturer-elect in English.*
A.B. Mississippi State College for Women 1901; M.A. Columbia University 1912 and Ph.D. 1930. Graduate Student, Bryn Mawr College, 1902-04; Graduate Student, University of Mississippi, 1907-08; Graduate Student, Columbia University, 1911-15. Instructor in English, Mississippi State College for Women, 1908-10 and Head of the English Department, 1910-11. Lecturer in English, Barnard College, Columbia University, 1914-15, Instructor 1915-29; Instructor in Playwriting, Columbia University, 1918-29; Instructor in Playwriting, Columbia University, Summers, 1918-22, 1924, 1926-28. Assistant Professor, Columbia University, 1929-30. Non-resident Lecturer-elect in English, Bryn Mawr College, 1932.
- SUE AVIS BLAKE, M.A.,** *Instructor in Physics.*
A.B. Bryn Mawr College 1898 and M.A. 1900. Demonstrator and Graduate Student in Physics, Bryn Mawr College, 1898-99 and 1904-06 and Fellow in Physics, 1906-07; Graduate Student, Bryn Mawr College and Teacher of Mathematics and Science in the Shipley School, Bryn Mawr, 1899-1900; Assistant in Physics, Smith College, 1900-02, 1903-04; Fellow in Physics, University of Pennsylvania, 1907-08; Instructor in Physics, Smith College, 1910-15; Demonstrator in Physics, Bryn Mawr College, 1915-18 and Instructor, 1918—.
- EDITH HAMILTON LANMAN, M.A.,** *Instructor in Chemistry.*
A.B. Radcliffe College 1914; M.A. University of California 1915. Graduate Student, University of California, 1914-15; Demonstrator in Chemistry, Bryn Mawr College, 1915-18, Instructor in Chemistry, 1918-19 and 1922—.
- MARTHA MEYSENBURG DIEZ, M.A.,** *Instructor in German.*
A.B. University of Texas 1918; M.A. Bryn Mawr College 1928. Instructor in German, Bryn Mawr College, 1925—.
- HORTENSE FLEXNER KING, M.A.,** *Instructor in English.*
A.B. University of Michigan 1907 and M.A. 1910. Instructor in English, Bryn Mawr College, 1926-27, Semester II, 1927-28 and 1928—.
- MARGARET DENT DAUDON, A.B.,** *Instructor in French.*
A.B. Bryn Mawr College 1920. Teacher of French, the Thorne School, Bryn Mawr, 1928-31; Part time Instructor in French, Bryn Mawr College, 1927—.
- RUTH FAIRMAN, M.A.,** *Instructor in Greek and Latin.*
A.B. Mount Holyoke College 1927; M.A. Bryn Mawr College 1928. Scholar in Latin, Bryn Mawr College, 1927-28, Fellow in Latin, 1928-29 and Helene and Cecil Rubel Fellow (studying abroad), 1929-30. Instructor in Latin, Bryn Mawr College, 1930-31 and Instructor in Greek and Latin, 1931—.
- GENEVIEVE WAKEMAN, A.B.,** *Instructor in English.*
A.B. Vassar College 1922. Graduate Student, Yale University, 1923-25. Editorial Assistant, Yale Review, 1925-26. Instructor in English, Vassar College, 1929-30; Instructor in English, Bryn Mawr College, 1930-32.
- MARY KATHARINE WOODWORTH, M.A.,** *Instructor in English.*
A.B. Bryn Mawr College 1924 and M.A. 1927. Teacher of English, the Thorne School, Bryn Mawr, 1925-29. Studying abroad, 1929-30; Instructor in English, Bryn Mawr College, 1930—.
- ELIZABETH H. NORTON, M.A.,** *Instructor in the History of Art.*
A.B. Bryn Mawr College 1927; M.A. Radcliffe College 1929. Instructor in History of Art, Bryn Mawr College, 1930—.
- BERTHE-MARIE MARTI, M.A.,** *Instructor in Latin and French.*
Licenciée-es-Lettres University of Lausanne 1925. M.A. Bryn Mawr College 1926. Swiss Scholar in Latin and English, Bryn Mawr College, 1925-26 and 1929-30. Teacher of French, the Thorne School and Graduate Student, Bryn Mawr College, 1926-28. Instructor in Latin, Bryn Mawr College, 1929-31 and Instructor in Latin and French, 1931—.
- ELSIE POKRANTZ, M.A.,** *Instructor in German.*
A.B. Coe College 1918; M.A. University of Nebraska 1924. Teacher, Iowa High Schools, 1918-22; Instructor in German and French and Graduate Student, University of Nebraska, 1922-24; Head of Modern Languages Department, McPherson College, McPherson, Kansas, 1924-26; Instructor in German and Graduate Student, University of Nebraska, 1926-29; Graduate Student, University of Chicago, 1929-30. Instructor in German, Bryn Mawr College, 1930—.

- DAYTON MCKEAN, M.A., *Instructor in Public Discussion and Debate*.
A.B. University of Colorado 1927 and M.A. 1929. Instructor in Public Speaking and Debating, University of Colorado, 1928-30; Instructor in English, Princeton University, 1930—; Instructor in Public Discussion and Debate, Bryn Mawr College, 1930-32.
- J. GORDON CARLSON, A.B., *Instructor in Biology*.
A.B. University of Pennsylvania 1930. Demonstrator in Biology, Bryn Mawr College, Semester II, 1929-30 and 1930-31 and Instructor, 1931—.
- E. LOUISE HAMILTON, Ph.D., *Assistant Director of the Educational Clinic and Instructor in Education*.
B.S. Connecticut College for Women 1925; M.A. Columbia University 1926 and Ph.D. 1928. Graduate Student, Columbia University, 1925-28; Assistant in Psychology, Columbia University, 1926-27; Clinical Psychologist, New York Post-Graduate Hospital, 1927-28; Assistant Director of the Educational Clinic, Bryn Mawr College, 1928—, Demonstrator in Education, 1930-31 and Part-time Instructor 1931—.
- WILLIAM DONALD TURNER, Ph.D., *Instructor in Psychology*.
A.B. University of Illinois 1926; M.A. Harvard University 1928 and Ph.D. 1929. Instructor in Psychology, Tufts College, 1928-29; Social Science Research Council Fellow, Vienna, 1929-30; Instructor in Psychology, Kansas State College, 1930-31; Instructor in Psychology, Bryn Mawr College, 1931—.
- HENRIETTA RUHSENBERGER HART, M.A., *Instructor in Spanish*.
A.B. Oxford College 1918; M.A. Indiana University 1925. Fellow in Romance Languages, Bryn Mawr College, 1926-27. Instructor and Assistant Professor of Romance Languages, Hood College, 1921-24; Student abroad, summer 1926; Adjunct Professor of Romance Languages, Randolph-Macon Woman's College, 1927-29; Assistant Professor of Spanish, Monmouth College, Monmouth, Illinois, 1930-31 and Instructor in Spanish and Graduate Student, Bryn Mawr College, 1931-32.
- DOROTHY ANNE BUCHANAN, M.A., *Instructor in English*.
A.B. Smith College 1930; M.A. Bryn Mawr College 1931. Scholar in English, Bryn Mawr College, 1930-31 and Instructor in English, 1931-32.
- IRMGARD W. TAYLOR, M.A., *Instructor in German*.
M.A. University of Pennsylvania 1930. Student, University of Tubingen. Teacher of German, Rose Valley School, Pennsylvania, 1930-31. Instructor in German, Bryn Mawr College, 1931—.
- MARY STURM CHALMERS, M.A., *Instructor in German*.
A.B. Oberlin College 1930; M.A. Northwestern University, 1931. University Fellow, Northwestern University, 1930-31. Instructor in German, Bryn Mawr College, 1931-32.
- DOROTHY MARY PUNDERSON, A.B., *Instructor in Italian*.
A.B. Vassar College, 1923. Boursière, Lycée Victor-Duruy, Paris, 1923-24. Teacher, Oak Hall School, St. Paul, Minn., 1925-26; Teacher of French, the Summit School, St. Paul, Minn., 1927. Graduate Student in Romance Languages, Columbia University, 1927-28, University of Minnesota 1928-29 and University of Chicago 1929-31. Instructor in Italian, Bryn Mawr College, 1931-32.
- VERNON ALEXANDER HAMMOND, *Instructor in Music, Semester II*.
Student, Curtis Institute of Music, 1929-30. Assistant Organist and Choir Master, Church of the Good Shepherd, Rosemont, Pa., 1925—. Instructor in Music, Bryn Mawr College, Semester II, 1932.
- CORNELIA LYNDE MEIGS, A.B., *Instructor-elect in English*.
A.B. Bryn Mawr College, 1908. Principal of a Private School, Keokuk, Iowa, 1908-10. Teacher of English, St. Katharine's School, Davenport, Iowa, 1912-13. Writer of Stories for Children for the MacMillan Company, New York, 1913—, for Little Brown and Company, Boston, 1927—. Instructor-elect in English, Bryn Mawr College, 1932.
- KATHRINE KOLLER, A.B., *Instructor-elect in English*.
A.B. Wittenberg College 1924; Ph.D. Johns Hopkins University, to be conferred, 1932. Teacher of French and English in the High Schools, Plymouth, Ohio, 1924-26 and Tiffin, Ohio, 1926-28. Instructor-elect in English, Bryn Mawr College, 1932.
- EMILY KATHARINE TILTON, M.A., *Instructor-elect in Italian*.
A.B. Wellesley College 1928; M.A. Radcliffe College 1931 and Ph.D. to be conferred 1932. Student, University of Florence, Italy, 1928-29 and Radcliffe College, 1930-32. Instructor-elect in Italian, Bryn Mawr College, 1932.
- M. BETTINA LINN, M.A., *Reader in Economics and Politics*.
A.B. Bryn Mawr College 1926 and M.A. 1929. Reader in Economics and Politics, 1930—.

- MAUDE M. FRAME, A.B., *Reader in Philosophy.***
A.B. University of Pennsylvania 1927. Reader in Philosophy, Bryn Mawr College, 1928-30, Scholar in Philosophy, 1930-31 and Reader, 1931—.
- OLIVE S. NILES, M.A., *Reader in English.***
A.B. Mount Holyoke, College 1930; M.A. Bryn Mawr College 1931. Scholar in English, Bryn Mawr College, 1930-31 and Reader, 1931-32.
- LAURA MORSE RICHARDSON, A.B., *Reader in Music.***
A.B. Bryn Mawr College 1930. Tutor in a French family, 1930-31. Reader in Music and Assistant Warden of Pembroke Hall, Bryn Mawr College, 1931-32.
- LOUISE FROST HODGES CRENSHAW, A.B., *Demonstrator in Chemistry.***
A.B. Bryn Mawr College 1918. Warden of Pembroke East, 1922-23; Secretary of the Phebe Anna Thorne School, 1923-25, 1926-28 and 1929-30. Demonstrator in Chemistry, Bryn Mawr College, 1930—.
- MARJORIE STARR BEST, A.B., *Demonstrator in Geology.***
A.B. Smith College 1930; M.A. Bryn Mawr College, to be conferred, 1932. Demonstrator in Geology, Bryn Mawr College, November, 1930—.
- DOROTHY WYCKOFF, M.A., *Demonstrator in Geology.***
A.B. Bryn Mawr College 1921; M.A. 1928 and Ph.D. to be conferred 1932. Graduate Scholar in Geology, Bryn Mawr College, 1921-22 and Graduate Student, 1922-23 and 1925-26; Teacher in the Misses Kirk's School, Bryn Mawr, 1922-25; Demonstrator in Geology and Graduate Student, Bryn Mawr College, 1925-28; Fanny Bullock Workman Fellow, studying at the Kongelige Frederiks Universitet, Oslo, Norway, 1928-29 and Fellow of the American Scandinavian Foundation, Oslo, 1929-30; Fellow in Geology, Bryn Mawr College, 1930-31 and Demonstrator 1931-32.
- BARBARA GOLDBURG, M.A., *Demonstrator-elect in Physics.***
A.B. Hunter College 1929; M.A. Columbia University 19— . Instructor in Physics, Hunter College, 1929-February 1932 and Instructor in Mathematics February-June 1932. Demonstrator-elect in Physics, Bryn Mawr College, 1932.
- HENRIETTA HUFF, A.B., *Demonstrator-elect in History of Art and Classical Archaeology.***
A.B. Bryn Mawr College 1918. Demonstrator-elect in History of Art and Classical Archaeology, Bryn Mawr College, 1932.

NON-TEACHING

- CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director of Publication.***
A.B. Bryn Mawr College 1905. Graduate Student, Bryn Mawr College, 1921-22, Alumae Secretary 1922-23 and Director of Publication, 1923—.
- BARBARA GAVILLER, A.B., B.Sc., *Secretary and Registrar of the College.***
A.B., University of Toronto, 1912; B.Sc., Simmons College, 1917. Secretary to the Secretary and Registrar of Bryn Mawr College, 1917-26, Acting Secretary and Registrar of the College, 1926-27 and Secretary and Registrar, 1927—.
- JULIA WARD, A.B., *Director of Scholarships and Assistant to the Dean.***
A.B. Bryn Mawr College 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student, Bryn Mawr College, 1924-27 and 1928-30. Warden of East House, 1924-25, of Rockefeller Hall, 1925-27 and 1928-30. Holder of Fanny Bullock Workman European Fellowship, 1927-28; Director of Scholarships and Assistant to the Dean, Bryn Mawr College, 1930—.
- DOROTHY MACDONALD, A.B., *Assistant to the President.***
A.B. Bryn Mawr College 1917. Secretary to the President of Bryn Mawr College, 1919-26 and Assistant to the President, 1926—.
- LOIS ANTOINETTE REED, A.B., B.L.S., *Librarian.***
A.B. University of Illinois 1909; B.L.S. New York State Library School 1904. Librarian, Western College, Oxford, Ohio, 1905-07; Cataloguer and Order Department Assistant, Library of the University of Illinois, 1907-10; Assistant Librarian, University of Rochester, 1910-12; Head Librarian, Bryn Mawr College, 1913—.
- MARY LOUISE TERRIEN, A.B., B.S., *Circulation and Reference Librarian.***
A.B. Smith College 1905. Simmons College Library School, Boston, Mass., 1914-15. Circulation and Reference Librarian, Bryn Mawr College, 1915—.
- HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer.***
A.B. Radcliffe College 1905; B.S. Simmons College Library School, 1910. Seminar Librarian, University of Illinois, 1910-12; Head Cataloguer, Bryn Mawr College Library,

1912-18. Librarian, Second National Bank of Boston, 1919-23; Head Cataloguer, Boston University, College of Liberal Arts, 1925-28; Head Cataloguer, Bryn Mawr College Library, 1928—.

MAE EDNA LITZENBERGER, A.B., B.S., Assistant Cataloguer.

A.B. Mount Holyoke College 1924; B.S. Simmons College 1925; Assistant Cataloguer, Bryn Mawr College Library, 1925—.

MAUDE LOIS HASKELL SLAGLE, A.B., B.S., Assistant Cataloguer.

A.B. Mount Union College 1927; B.S. in L.S. School of Library Science, Western Reserve University, 1928. Assistant Cataloguer, Bryn Mawr College Library, 1928—.

ANNA FOSTER ALLEN, Ph.B., B.S., Assistant to the Circulation and Reference Librarian.

Ph.B. Muhlenberg College 1927; B.S. in L.S., Drexel Institute, 1931. Assistant to the Circulation and Reference Librarian, Bryn Mawr College, 1931—.

HALLS OF RESIDENCE

KATHERINE MARY PEEK, M.A., Head Warden of Pembroke Hall.

A.B. Bryn Mawr College 1922 and M.A. 1929. Editorial Assistant, Crowell Publishing Company, New York City, 1922-24. Instructor in English, Bryn Mawr College, 1925-27. Warden of Merion Hall, Bryn Mawr College, 1927-30; studying abroad, 1930-31. Head Warden of Pembroke Hall, Bryn Mawr College, 1931—.

ALICE BEARDWOOD, D.PHIL., Warden of Rockefeller Hall.

A.B. Bryn Mawr College 1917; D.Phil. Oxon 1924. Warden of Bettws-y-Coed, Bryn Mawr College, 1929-30 and Warden of Rockefeller Hall, 1930-32.

MAGDALEN GLASER HUPFEL, A.B., Warden of Denbigh Hall.

A.B. Bryn Mawr College 1928. Warden of Denbigh Hall, 1930-32.

FRIEDRIKA MARGRETHA HEYL, A.B., Warden of Merion Hall and Warden-elect of Wyndham.

A.B. Bryn Mawr College 1899. Teacher of German and Student, State Normal School, Fredonia, N. Y., 1899-1900; Teacher, the Balliol School, Utica, N. Y., 1900-01 and Secretary, 1901-08; Warden of Merion Hall, Bryn Mawr College, 1908-10; Assistant to the Dean of Women, Michigan Agricultural College, 1916-18; Secretary to the Adviser of Women, Cornell University, 1918-20. Warden of Radnor Hall, Bryn Mawr College, 1921-29, Warden of Merion Hall, 1930-32 and Warden-elect of Wyndham, 1932.

CATHERINE PALMER ROBINSON, M.A., Senior Resident of Radnor Hall.

A.B. Bryn Mawr College 1920 and M.A. 1921. Teacher, Rosemary Hall, Greenwich, Conn., 1921-22; Student at the Sorbonne, 1922-23; Marine Insurance, 1924-29; Senior Resident of Radnor Hall and Secretary to the Dean of the Graduate School, Bryn Mawr College, 1929—.

CHARLOTTE BRANDON HOWE, M.A., Director of Halls and Warden of Wyndham.

A.B. Radcliffe College 1922 and M.A. 1929. Hall Mistress, Whitman Hall, Radcliffe College, 1928-30. Warden of Wyndham, Bryn Mawr College, 1930-32 and Director of Halls 1930—.

LAURA MORSE RICHARDSON, A.B., Assistant Warden of Pembroke Hall.

A.B. Bryn Mawr College 1930. Tutor in a French family, 1930-31. Reader in Music and Assistant Warden of Pembroke Hall, Bryn Mawr College, 1931-32.

ROSAMOND CROSS, A.B., Warden-elect of Denbigh Hall.

A.B. Bryn Mawr College 1929. Teacher of History, Concord Academy, Concord, Massachusetts, 1929-32. Warden-elect of Denbigh Hall, Bryn Mawr College, 1932.

RUTH MULFORD COLLINS, M.A., Warden-elect of Rockefeller Hall.

A.B. Mills College, 1927; M.A. University of California, 1929; M.A. Bryn Mawr College, 1930. Graduate Student, University of California, 1927-28. Apprentice Teacher, Thorne School, Bryn Mawr and Graduate Student in English and Education, Bryn Mawr College, 1928-29; Fellow in English, Bryn Mawr College, 1929-30 and Instructor in English, 1930-31. Helene and Cecil Rubel Foundation Fellow studying in London, 1931-32. Warden-elect of Rockefeller Hall, Bryn Mawr College, 1932.

JOSEPHINE McCULLOCH FISHER, A.B., Warden-elect of Merion Hall.

A.B. Bryn Mawr College, 1922; Ph.D. to be conferred 1932. Student, Newham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27; Warden of Pembroke Hall, Bryn Mawr College, 1927-31 and Warden-elect of Merion Hall 1932.

DEPARTMENT OF PHYSICAL EDUCATION

JOSEPHINE PETTS, *Director of Physical Education.*

Graduate of the Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Instructor in Physical Education, Central School of Hygiene and Physical Education, New York, 1919-22; Instructor in Physical Education, Teachers College, Columbia University, 1922-28; Director of Physical Education, Bryn Mawr College, 1928—.

MARNA V. BRADY, M.A., *Assistant Director of Physical Education.*

B.S. University of Cincinnati 1925; M.A. Teachers' College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27 and Columbia University, summer, 1928; Assistant Director of Physical Education, Bryn Mawr College, 1928—.

ETHEL M. GRANT, *Instructor in Physical Education.*

Honors Diploma with Distinction, Liverpool Physical Training College, 1923. Instructor in Physical Education in schools of England, 1923-26; Instructor in Physical Education, the Gordon-Roney School, Philadelphia, 1926-30; Instructor in Physical Education, Bryn Mawr College, 1930—.

HEALTH DEPARTMENT

MARION EDWARDS PARK, Ph.D., *Ex-officio.***HELEN TAFT MANNING, Ph.D., *Head of Health Department.*****THOMAS F. BRANSON, M.D., *Physician-in-Chief.***

A.B. Haverford College 1889; M.D. University of Pennsylvania 1892. Physician-in-Chief, Bryn Mawr College, 1907—. Attending Physician, Bryn Mawr Hospital.

MARJORIE JEFFERIES WAGONER, M.D., *College Physician.*

A.B. Bryn Mawr College 1918; M.D. University of Pennsylvania 1922. Interne, Philadelphia General Hospital, 1920-24. College Physician, Bryn Mawr College, 1924—.

JOSEPHINE PETTS, *Director of Physical Education.**Consultant Physicians.*

A number of physicians, resident in Philadelphia and representing the principal special divisions of medicine and surgery, have consented to act as consultants when called on by the Health Department.

DEPARTMENT OF BUSINESS ADMINISTRATION

CHARLOTTE BRANDON HOWE, M.A., *Director of Halls.***SANDY LEE HURST, *Comptroller.*****JOHN J. FOLEY, *Superintendent.*****LAURA M. S. HOWARD, *Chief Clerk.*****HILDA ROBINS, *Supervisor of Culinary Department.*****WINFIELD DAUGHERTY, *Fire Chief.***

FACULTY COMMITTEES

STANDING COMMITTEES OF THE FACULTY

1931-32

*Faculty Representatives on
the Board of Directors*

PROFESSOR DONNELLY
PROFESSOR WELLS
PROFESSOR SWINDLER

Committee on Nominations

PROFESSOR CRENSHAW
PROFESSOR CHEW
PROFESSOR TAYLOR

Committee on Appointments

PROFESSOR TENNENT
DEAN SCHENCK
PROFESSOR TAYLOR
PROFESSOR DE LAGUNA
PROFESSOR GRAY

Committee on Curriculum

PRESIDENT PARK, *Chairman*
DEAN MANNING, *by invitation*
PROFESSOR WELLS
PROFESSOR SWINDLER
PROFESSOR HERBEN
PROFESSOR ROGERS
PROFESSOR LEUBA
PROFESSOR GARDINER

Committee on Petitions

DEAN MANNING, *ex-officio*
PROFESSOR SANDERS, *ex-officio*
PROFESSOR BROUGHTON
DR. WATSON*
PROFESSOR HELSON

Committee on Libraries

PROFESSOR WRIGHT
PROFESSOR GILMAN
PROFESSOR DAVID

Committee on Laboratories

PROFESSOR HELSON
PROFESSOR CRENSHAW
DR. DEWEY

Committee on Schedules

DEAN MANNING, *ex-officio*
DR. HEDLUND
PROFESSOR GARDINER
DR. ROBBINS

*Committee on Entrance
Examinations*

PRESIDENT PARK, *Chairman*
DEAN MANNING, *by invitation*
MISS GAVILLER, *ex-officio*
PROFESSOR DAVID
PROFESSOR HUFF
PROFESSOR BROUGHTON
PROFESSOR DONNELLY
PROFESSOR GILMAN

Committees on Language Examinations

French—
PROFESSOR GILMAN
PROFESSOR SANDERS
PROFESSOR LOGRASSO
German—
PROFESSOR M. DIEZ
PROFESSOR GILLET
PROFESSOR HERBEN

Committee on Housing

PROFESSOR SWINDLER
PROFESSOR W. R. SMITH
PROFESSOR FENWICK

* Substitute for Dr. Dorothea Smith.

STANDING COMMITTEES OF THE ACADEMIC COUNCIL
1931-32

*Committee on Graduate
Students*

PRESIDENT PARK, *Chairman*
DEAN SCHENCK, *ex-officio*
PROFESSOR CRENSHAW
PROFESSOR CADBURY
PROFESSOR M. P. SMITH

*Committee on Graduate
Courses*

PRESIDENT PARK, *Chairman*
PROFESSOR CRENSHAW
PROFESSOR M. P. SMITH
PROFESSOR GILLET

Committee on Learned Publications

PRESIDENT PARK, *Chairman*
PROFESSOR SWINDLER
PROFESSOR FENWICK
PROFESSOR CRANDALL

STANDING COMMITTEES OF THE SENATE

1931-32

Executive Committee

PRESIDENT PARK, *Chairman*
DEAN MANNING, *ex-officio*
PROFESSOR W. R. SMITH
ex-officio
PROFESSOR CRENSHAW
PROFESSOR DAVID
PROFESSOR CRANDALL

Judicial Committee

PRESIDENT PARK, *Chairman*
DEAN MANNING, *ex-officio*
PROFESSOR GRAY
PROFESSOR M. P. SMITH
PROFESSOR LEUBA

HONORARY CORRESPONDING SECRETARIES

The following honorary corresponding secretaries, all of whom are graduates of Bryn Mawr College, have kindly consented to act as representatives of the college in the cities in which they live and will at any time be glad to answer questions about the college.

CALIFORNIA:

PASADENA: MISS KATE WILLIAMS, *485 Palmetto Drive.*

SAN FRANCISCO: MRS. COLIS MITCHUM, *3320 Jackson Street.*

MRS. CHARLES PRICE DEEMS, *11 Commonwealth Ave.*

COLORADO:

DENVER: MRS. HENRY SWAN, *740 Emerson Street.*

CONNECTICUT:

FARMINGTON: MRS. HERBERT KNOX SMITH.

NEW HAVEN: MRS. CHARLES MCLEAN ANDREWS, *424 St. Ronan Street.*

DISTRICT OF COLUMBIA:

WASHINGTON: BARONESS SERGE ALEXANDER KORFF, *2308 California Street.*

ILLINOIS:

CHICAGO: MRS. JAMES FOSTER PORTER, *1085 Sheridan Road, Hubbard Woods.*

MRS. MORRIS LEIDY JOHNSTON, *1520 Dearborn Parkway.*

INDIANA:

INDIANAPOLIS: MRS. FRANK NICHOLAS LEWIS, *3216 North Pennsylvania Street.*

MARYLAND:

BALTIMORE: MRS. ANTHONY MORRIS CAREY, *4311 Rugby Road.*

MASSACHUSETTS:

BOSTON: MRS. INGERSOLL BOWDITCH, *32 Woodland Road, Jamaica Plain.*

CAMBRIDGE: MRS. ROBERT WALCOTT, *152 Brattle Street.*

FALL RIVER: MRS. RANDALL NELSON DURFEE, *19 Highland Avenue.*

MINNESOTA:

MINNEAPOLIS: MRS. CLARENCE MORGAN HARDENBERGH, *1738 Fremont Avenue South.*

MRS. HAROLD OLNEY HUNT, *2318 First Avenue South.*

MRS. MOSES STEPHEN SLAUGHTER, *2739 Garfield Avenue.*

MISSOURI:

ST. LOUIS: MRS. GEORGE GELLHORN, *4366 McPherson Avenue.*

NEW YORK:

NEW YORK CITY: MRS. LEARNED HAND, *142 East 65th Street.*

CLINTON: MRS. ARTHUR PERCY SAUNDERS.

OHIO:

CINCINNATI: MRS. RUSSELL WILSON, *2726 Johnstone Place.*

CLEVELAND: MISS ALICE PEIRSON GANNETT, *1420 East 31st Street.*

OREGON:

PORTLAND: MRS. HENRY MINOR ESTERLY, *Inwood, Hewett Boulevard, Route 5.*

PENNSYLVANIA:

PITTSBURGH: MRS. ALEXANDER JOHNSTON BARRON, *Glen Osborne Sewickley.*

MRS. CAROLL MILLER, *4 Von Lent Place.*

VIRGINIA:

RICHMOND: MRS. WYNDHAM BOLLING BLANTON, *3015 Seminary Avenue.*

ENGLAND: THE HON. MRS. B. RUSSELL, *11 St. Leonard's Terrace, Chelsea, London.*

THE UNDERGRADUATE SCHOOL



THE UNDERGRADUATE SCHOOL

The undergraduate school offers courses in ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art and education. The full course of study covers four years and leads to the Bachelor of Arts degree.

Admission to Bryn Mawr College is based upon the candidate's record in the competitive entrance examinations and upon the evidence, secured by the College, in regard to her health, character and general ability. All candidates are asked to make an appointment, if possible, for a personal interview with the President or the Dean. If the number qualifying for admission in a given year is greater than the number of rooms available for first-year students, the college reserves the right to determine which of the candidates shall form the admitted group.

All candidates for admission to the freshman class must pass without qualification certain of the matriculation examinations conducted by the College Entrance Examination Board as listed on page 30.

Application for rooms, accompanied by the fee of fifteen dollars payable to Bryn Mawr College, should be made to the Secretary and Registrar as soon as the year of entrance is definitely known by the candidate. In case of doubt it is well to make application for two consecutive years by sending a fee of thirty dollars. The filing of a room application does not insure admission to the College.

A form of application for admission, with space for the matriculation plan, will be sent each autumn by the Secretary and Registrar to all candidates who have registered room applications (or their intention of attending the college as non-resident students) for the following year. A form for the official transcript of the school record through the first semester of the final year will be sent to the school principals in January, to be returned by February 15th. The Book of Plans of the Library and Halls of Residence, with a room preference form, will be sent during the year to each candidate on the room list for the following year. A health certificate form will be sent to each candidate early in April. The form for the principal's recommendation and record of the final semester's work will be sent to the schools on May first, to be returned as soon as the school year is over.

The work required for matriculation covers 15 units, as outlined below. Candidates may offer either Plan A or Plan B of the College Entrance Examination Board, with the following restrictions:

(a) Candidates who have been prepared largely by private tuition may be required to offer Plan A, (b) candidates whose school training has been irregular, who have attended several different schools in the four years preceding entrance to college, or who have spent only one year in the school of final preparation may be required to offer Plan A, (c) candidates whose school records are for any reason unsatisfactory to the Committee on Entrance Examination may be required to offer Plan A.

*Admission
of Under-
graduate
Students*

*Admission
by
Examina-
tion
Room
Application*

*Application
for
Admission*

*Require-
ments
for
Matricula-
tion*

Plan A

Plan A candidates offer College Entrance Examination Board examinations covering all fifteen required units. They may take these examinations in a single June examination period or may divide them between two June periods separated by not more than one year. If at the close of the final division they have offered all fifteen units and have received a grade of 60 or over in at least twelve, they may repeat conditioned examinations in September. The September College Board examinations are held at Bryn Mawr College solely for the purpose of removing conditions incurred by Plan A candidates in a previous June examination period. Application for these examinations, accompanied by a five-dollar fee for each condition, should be made to the Secretary and Registrar of the College before September 1st. Candidates are not permitted to offer September examinations between the first and final June divisions or to offer a regular first or final division in September.

While the required units are fifteen in number, Plan A candidates who are prepared to offer in addition two units of a third foreign language (French or German or Greek) or one unit of Trigonometry and one of Solid Geometry are permitted to take their examinations in three consecutive June periods instead of only two. No advanced standing credit is given in such cases for the extra two units; they constitute an added matriculation requirement in return for the privilege of offering a third division.

The fifteen required units are as follows:

<i>Subjects</i>	<i>College Board Examinations</i>	<i>Units</i>
Ancient Language*		4
Latin.....	Latin Cp. 4	
or Greek.....	Greek Cp. 3	
and Latin.....	Latin Ch. 2	
English.....	English Cp.....	3
Mathematics.....	Mathematics Cp. 3.....	3
Algebra.....	or Mathematics A	
and Plane Geometry.....	and Mathematics C	
Science†.....		1
Physics.....	Physics	
or Chemistry.....	Chemistry	
History.....		1
Ancient History‡.....	History A	
or American History.....	History D	
Second Foreign Language§.....		3
French.....	French Cp. 3	
or German.....	German Cp. 3	
or Greek.....	Greek Cp. 3	
 Total.....		 15

The Scholastic Aptitude Test should be offered in the final division of examinations.

* See page 31 for note.

‡ See page 31 for note.

† See page 31 for note.

§ See page 31 for note.

Candidates offering Plan B must have covered in their school records the required fifteen units and must offer four College Board examinations (in addition to the Scholastic Aptitude Test) in a single June examination period, as follows:

Plan B

- (1) English Cp.
- (2) A foreign language (Latin Cp. 4 or French Cp. 3 or German Cp. 3 or Greek Cp. 3).
- (3) Mathematics or science (Mathematics Cp. 3 or Mathematics A or Physics or Chemistry).
- (4) An optional examination, to be chosen by the candidate from those of the fifteen required units which she is not offering for (2) or (3): history A or D; a second foreign language as specified in (2); mathematics as specified in (3) if a mathematics examination has not already been offered; a science as specified in (3) if a science has not already been offered.

APPLICATION FOR COLLEGE ENTRANCE BOARD EXAMINATIONS

Examination of June 19-24, 1933

Application blanks for the examinations should be obtained from the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York City, N. Y.

*Application
for College
Entrance
Board
Examina-
tions*

A standard fee of ten dollars, remitted by postal order, express order, or draft on New York, should accompany each application.

* Plan A candidates are advised to divide the Latin examination if possible. They may offer Latin Cp. 3 (Prose Authors) or Latin Cp. 3 (Poets) in one division and Latin Cp. H (if already credited with Cp. 3, Prose Authors) or Latin Cp. K (if already credited with Cp. 3, Poets) in the other.

Plan A candidates wishing to divide the Greek examination may offer the Cp. 2 in one division and the Cp. H in the other. Those wishing to divide the French examination may offer French Cp. 2 in one division and French B in the other. Plan A candidates offering German may make a similar division of that examination.

† The Teacher's Laboratory Certificate, furnished to the candidate by the College Entrance Examination Board, should be forwarded to the office of the Secretary and Registrar not later than the day for which the science examination is scheduled. Laboratory notebooks should not be submitted to the College.

‡ The College urges that ancient history be offered as the requirement for entrance in history. Knowledge of the civilization of the ancient world is essential both for an appreciation of the Greek and Latin literature as studied in preparatory school and college and for the introductory course in college history, which begins with the downfall of the Roman Empire.

In case the curriculum of the school in which the candidate has received her preparation makes it difficult for the candidate to offer ancient history, American history may be offered instead. If this alternative is adopted and, if the candidate should in college wish to enter the course in minor history, she will be expected to give evidence of familiarity with ancient history. Such evidence should be either a certificate from her preparatory school that she completed within reasonable time before entering college an adequate course in ancient history and attained in it a satisfactory grade or that she has done suitable private reading in the subject. The private reading will be tested by a brief oral examination.

§ If Greek and Latin are chosen under the heading "Ancient Language," French or German must be offered. Attention is called to the advantage of offering Greek or German as an extra subject for advanced standing.

In order to facilitate the holding of examinations in the various centers, all applications should be filed at the earliest possible date. Applications for examination *must* reach the Secretary of the Board:

For examination east of or on the Mississippi River: on or before Monday, May 29, 1933. For examination elsewhere in the United States or Canada: on or before Monday, May 22, 1933.

For examination outside the United States and Canada except Asia: on or before Monday, May 8, 1933.

For examination in China or elsewhere in the Orient: on or before Monday, April 24, 1933.

If a candidate fails to obtain the regular application blank, the usual examination fee arriving before the specified date will be accepted provided that it is accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected and a complete list of the subjects in which she expects to be examined.

Applications for examination received later than the dates specified will be accepted when it is possible to arrange for the examination of the candidate, but only upon the payment of an additional fee of five dollars.

The designation of the center to which the candidate will go for examination is regarded as an essential part of her application. Requests that examinations be held at particular points should be sent to the Secretary of the Board not later than February 1. A list of examination centers will be published about March 1.

Candidates should report for a morning examination at 8.45 and for an afternoon examination at 1.45, Standard or Daylight Saving Time, according to the usage in the local schools. Under no circumstances will a candidate be admitted to the Scholastic Aptitude Test later than 9.00 A. M.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published by the College Entrance Board annually about December 1. Every candidate is advised to become familiar with these requirements. Upon request a single copy will be sent to any teacher free of charge; in general a charge of twenty-five cents, which may be remitted in postage, will be made.

Candidates wishing to enter Bryn Mawr must state their intention on their application for examination to the College Entrance Board. When application for examination is made the section of the application blank (School recommendation—Form E), should be sent promptly to the Secretary and Registrar of the College so that any necessary correction may be made. All candidates for admission to Bryn Mawr College, on receipt of their reports of examination from the College Entrance Examination Board, must forward them to the Secretary and Registrar; failing the receipt of the report from the candidate herself the College will take no action upon her application for admission.

Candidates for admission to Bryn Mawr College upon honourable dismissal from a college or university whose graduates are eligible for national membership in the American Association of University Women must present credits equal to the Bryn Mawr College requirements for matriculation. They must, moreover, present a certificate of honourable dismissal and an official statement that they have studied in regular college classes for one college year, that they have passed examinations covering at least one year of academic work in a regular college course leading to the degree of Bachelor of Arts, that they are in good standing in said College and that they would be able to take their degree there in due course. They must be re-examined, before graduation from Bryn Mawr College, on all work done elsewhere which they wish to submit as credit toward the Bryn Mawr degree.

*Admission
on Transfer
from
Another
College*

For some years, however, precedence in admission has been given to candidates who have taken the regular examination for matriculation.

Students of other colleges who have outstanding conditions or have otherwise failed to meet prescribed standards of academic work or have been put on probation, have been suspended or excluded, will under no circumstances be admitted to Bryn Mawr College. Such students may not cancel their college work elsewhere, offer the Bryn Mawr College requirements for matriculation and enter Bryn Mawr as Freshmen.

Students presenting certificates of honourable dismissal from any college or university not eligible for national membership in the American Association of University Women must take the regular examination for matriculation required by Bryn Mawr.

Women over twenty-five years of age are admitted as "hearers" without matriculation examination, but they must furnish proof that they have at some time pursued the studies required for matriculation. Hearers are clearly distinguished from regularly matriculated students and must obtain permission from each instructor to attend recitations, examinations and laboratory exercises; they must satisfy their various professors that they can profit by their elected courses. Hearers are not, strictly speaking, recognized by the college; they are not eligible for degrees and may receive only such certificates of collegiate study as their various instructors see fit to give. They are charged the full tuition fee (five hundred dollars).

Hearers

No special students other than "hearers" are admitted to Bryn Mawr College.

EXAMINATIONS FOR ADVANCED STANDING

Candidates who wish to enter the college with advanced standing may, in addition to the fifteen units required for matriculation, offer the following subjects: the First Year Course in Latin, counting as one unit; Trigonometry and Solid Geometry, counting as one-half unit; elementary Greek, counting as one and one-half units, or French or German, counting as one unit each, provided it was not included in the fifteen points required for matriculation.

*Advanced
Standing*

The first year course in Latin may be offered for examination by candidates for matriculation who desire to enter the College with advanced standing and, at their discretion, by matriculated students without attendance on the college classes provided it is offered not later than the beginning of the student's junior year. The credit for the course will be one unit.

The following is the list of reading on which the examination will be based:

Plautus, *Mostellaria*; Livy, Book I; Catullus, *Select Poems* (all the poems in F. P. Simpson's *Select Poems of Catullus*, Macmillan, New York); Horace, Odes I, except 13, 15, 25, 28, 33, 36; II, except 2, 4, 5, 8, 12, 15; III, except 6, 10, 11, 15, 16, 19, 20, 24, 27; IV, except 4-6, 10-13; *Carmen Saeculare*; Epodes 2 and 16 only (Shorey-Laing edition of Horace's *Odes and Epodes*, B. H. Sanborn); Vergil, the Eclogues; Reading of the chapters on Plautus, Livy, Horace, Vergil in Duff's *Literary History of Rome*.

The examinations in Latin, Trigonometry and Solid Geometry are held in the first three weeks of the college year and may be taken by a student in her freshman, sophomore or junior year. Examinations in Elementary Greek, French or German may be taken in the College Entrance Examinations in June or, by special arrangement with the Secretary and Registrar, in the autumn. They may not be offered later than the autumn of the junior year.

Students who have passed examinations for advanced standing are credited with the equivalent number of units of college courses and are so enabled to enter at once the more advanced courses to which these are preliminary; they thus secure a larger choice of elective courses or may, at some time in their college course, with the consent of the Dean, substitute this credit for that obtained by attendance at college classes. Students may also secure credit for elective courses in Modern Languages by passing certain examinations in French, German, Italian and Spanish which may be taken only in the first three weeks after entering the College. In no case, however, is it possible by passing examinations for advanced standing to shorten the required four years of study necessary for the bachelor's degree.

GENERAL REGULATIONS

Residence in the college buildings is required of all undergraduate students except those who live with their families in Philadelphia or the vicinity. *Residence*

Every student enrolled is required to register with the Comptroller. Freshmen and graduate students are required to register also with the Secretary and Registrar. This registration must be completed before 8.45 A.M. on the first day of lectures. The Dean of the College is academic advisor to all undergraduate students and every undergraduate student consults the Dean of the College in regard to the planning of her academic work and registers her chosen courses with the Dean of the College before entering upon college work. *Registration*

The members of the entering class are asked to come into residence four days before the college is opened to returning students. They are received by the Wardens of the various halls and a Reception Committee of upper classmen. Appointments with the President of the College, who wishes to interview all new students, should be made promptly at the office of the Secretary and Registrar and appointments with the Dean should also be made. These interviews with the President and the Dean begin immediately and registration of courses is concluded before the college year officially opens. The new students are made familiar with the intricacies of the library, take their tests, their medical and physical examinations and become at home in the college before the stress of the first days of academic work. *Freshman Week*

The Student's Association for Self-Government, organized in 1892, controls the conduct of the students in all matters except those which are purely academic or which affect the living arrangements of the student body. All undergraduate students of Bryn Mawr College are members of this association. *Conduct*

The college reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable; in such cases the fees due or already paid to the college will be neither refunded nor remitted in whole or in part. *College Regulations*

In case of emergency the college assumes the right to take all responsibility.

Regular attendance at classes is expected of all undergraduates; an unreasonable number of unexcused absences will be penalized. *Attendance*

The absolute integrity of all work is demanded of every student. No student shall give or receive any assistance in an examination or written quiz or hold any communication with another student. The rules governing written work are published for each freshman and are publicly announced at the beginning of each semester and before each examination period. Any infraction of the rules, regardless of motive, or any action contrary to their spirit, constitutes an offense. *Examination Regulations*

Schedule

While the required studies leading to the degree of Bachelor of Arts are not prescribed for any special year in the college course, students are advised to plan their work carefully with reference to the lecture schedule so that a conflict of hours will not prevent them from electing the advanced courses they wish. Students electing a scientific group, such as chemistry and biology, should arrange their work to avoid possible conflict in laboratory hours.

REQUIREMENTS FOR DEGREE OF BACHELOR OF ARTS

The full course of undergraduate study leads to the degree of Bachelor of Arts. The basis of credit is the "unit," which represents one-quarter of the student's time for one year, or approximately ten hours of work a week, including class meetings.

*Degree of
Bachelor of
Arts*

Every candidate for the degree of Bachelor of Arts must have attended college classes in Bryn Mawr College for a period of four years;* must have passed examinations on work amounting to fifteen units and must have obtained a grade of 70 or above on half of these fifteen units. In her major subject she must receive grades of 70 or above in all her courses for the first two years.† She must have a reading knowledge of French and German and must also have fulfilled the requirements of the department of Physical Education.

STUDIES LEADING TO THE DEGREE OF BACHELOR OF ARTS

The following course of study must be pursued by every candidate for the degree of Bachelor of Arts:

English Composition, one unit. In connection with this course students are required to attend a course in English diction, one-half hour a week throughout the year.

*Required
Studies*

Science, one unit.§

Greek, Latin, or English Literature, one unit.‡

Philosophy, one unit.**

Major Subject with Allied Subjects, six and one-half units. All students must take at least three and one-half units in the major subject: one unit in the first year, one and one-half or two units in the second year and one unit in advanced work. This represents the minimum work in the major subject. Most students are urged to take more than one unit of advanced work and students who, in the opinion of the department, show special promise will be recommended for honours work.

*Major
Courses*

Free Elective Courses, four and one-half units, to be chosen by the student. The only limitation is that imposed by the prerequisites of the courses selected and any courses open to the individual student as free

*Free
Elective
Courses*

* By permission of the Curriculum Committee of the Faculty, work done at some other college of high standing may in special cases be submitted for one of the four years of required attendance at classes. See page 33.

† A student who has received grades of 80 or above in a part of this work and grades below 70 in a corresponding part will be regarded as having met this condition.

§ A student majoring in Science must substitute for the science requirement a unit of Psychology, or Economics, or Politics, or History, or History of Art or Archaeology.

‡ A student majoring in Greek must offer for the third unit of required work either First Year Latin or First Year English. A student majoring in Latin must offer First Year Greek or Elementary Greek or First Year English. A student majoring in English must offer First Year Greek or Elementary Greek or First Year Latin.

** A student majoring in Philosophy must offer a unit of Psychology for the fourth unit of required work.

electives may be taken without the remainder of the courses of which they may form a part.

Visitors

Students who wish to attend a course regularly without being formally registered must obtain permission from the Dean. The Dean is expected to limit the number of courses a student may visit and any instructor may notify the Dean that his courses are not open to such students.

Physical Education and Hygiene

All students are required to take part in work organized by the department of Physical Education during their first two years in college. Students who do not satisfactorily meet the requirements of the department must continue this work during the later years of their college course.

A course in Hygiene of one hour a week for one year is required of all students in their second year of college but does not count as a part of the fifteen units.

Reading Knowledge of French and German

A Reading Knowledge of French and German is required of all students. The language which the student offers at entrance is known as the First Foreign Language and the other as the Second Foreign Language. The First Foreign Language must be offered for examination in the autumn or spring of the junior year. Students failing to pass must present themselves for re-examination on the first or second Saturday of their senior year. Any student who at that time receives a grade below 50 will be prevented from receiving her degree at the end of her senior year. She will not be allowed to present herself for a third examination before the autumn of the following year, but may present herself for any subsequent examination. Any student receiving a grade between 50 and 60 must register for work under the direction of the department. She may then take a third examination in the spring of her senior year. The Second Foreign Language may be taken in any autumn or spring after entrance up to the end of the junior year. A student who receives a grade below 60 may not offer herself for re-examination until the following autumn. Examinations in the Second Foreign Language for those students who have not fulfilled the requirement by the end of their junior year are the same as for the First Foreign Language.*

Extra-curriculum Courses

Extra-curriculum supervised reading in French and in German, conducted by regular members of the respective departments without charge to the students, may be taken if desired by students in either French or German.

Tabular Statement of Required Studies

The studies required for a degree may be tabulated as follows:

1	2	3	4	5	6
English Composition.	Science: Physics or Chemistry, Geology, or Biology.	Greek, Latin, or English Literature.	Philosophy.	Major and Allied Subjects.	Elective Courses.
One unit	One unit	One unit	One unit	Six and one-half units	Four and one-half units

* A student who offers Latin and Greek at entrance and who elects the course in First Year Greek in college, not counting it for the literature requirement, is required to offer only one modern language for examination.

In order to give more time for advanced studies and to lighten the college course, students are permitted to take examinations in certain subjects included in the course without attending the college classes in these subjects. Trigonometry, solid geometry and elementary Greek, French, German, Italian or Spanish, and first year Latin may be taken in this way if offered not later than the beginning of the junior year. A student who can furnish proof that she has acquired advanced knowledge of French or German is permitted to take examinations for advanced standing in reading and composition in these languages, but only in the first three weeks after entering college.

*Advanced
Standing*

Students not wishing to study for a degree are permitted to elect any of the undergraduate studies for which they have been fitted by previous training. If at any time a degree should be desired, such students will be given full credit for all courses leading to the degree.

Numerical grades on the basis of 100 are given on all work which is to be counted for the A. B. degree. The A. B. degree is awarded cum laude, magna cum laude, or summa cum laude to students whose numerical average is 80-85, 85-90, or 90 or over, respectively. The degree with distinction in the subject is given to students who have satisfactorily completed the honours work in a given department.

*Scholarship
Grades*

CURRICULUM

There are offered each year to undergraduates major courses in the following subjects: Biology, Chemistry, Classical Archaeology, Economics and Politics, English, French, Geology, German, Greek, History of Art, Italian, Latin, Mathematics, Modern History, Philosophy, Physics, Psychology and Spanish and elective courses in the above and in Biblical Literature, Social Economy, Education and Music.

Major Courses

In each fully organized department there is the following course: one unit of first year work, one and one-half or two units of second year work and advanced work according to the needs of the department. Every candidate for a degree is required to take three years of work in her major subject and at least two units of allied subjects. The object of this system is to enable the student to acquire the foundations of a specialist's knowledge and the required courses, namely, English, Philosophy, Literature and Science are intended to insure a more liberal training than could be obtained if every student combined elective studies without restriction.

Required Courses

The required course in English Composition is designed primarily to teach students in their first year in college how to express themselves clearly and correctly. A special effort is made to train them to use a variety of reading matter and to gather and present the material for reports and papers in preparation for their more advanced work in their major subject. The required course in Literature gives to each student a broader view of one field of literature with which she has already gained familiarity in her school work and thus serves as a background for further work in literature in college. The required course in Science gives, for one year at least, to the student of history and literature the same kind of instruction and discipline as is received by the scientific student. The course in Philosophy forms a general introduction to the study of ideas and the history of thought.

Free Elective Courses

All first-year courses may be elected by any student and special free elective courses of one unit and one-half unit are offered in many departments.

Advanced Courses

Advanced courses are open only to students who have completed the first and second-year major work in the subject.

Honours

Honours work at Bryn Mawr College has been organized by departments individually and the arrangements for it are described in detail under those departments. It is, by definition, work of a more advanced character than that done in the regular courses, requiring greater initiative and power of organization on the part of the student than is usually the case in undergraduate work. A broad background in the subject is assumed before the student starts on honours work and in many departments students are expected to devote part of their time to preparation for a comprehensive examination to test their knowledge of the whole field. One or two long reports or papers giving to the student the opportunity to develop and test her powers in the selection and interpretation of source material are usually required.

Students planning to do honours work should wherever possible complete the first and second year courses in their major subjects by the end of their sophomore year. Only students who have shown outstanding ability in those courses will be admitted to honours work. Such students should also complete in their first two years in college the courses in allied subjects which are fundamental to the thorough understanding of the major subject. In some cases it may be advisable to carry on work in allied subjects for one year to the exclusion of the major subject, but in no case may a student be admitted to honours work unless she has completed all of the first and second year work in her major subject by the end of her junior year.

In the senior year honours students are expected to register for at least two units of work (one-half of their time) with the major department. A part of this time may be devoted to the lectures and reading of an advanced course, but at the discretion of the department honours students may be released from quizzes, reports, or examinations in connection with course work in order to devote more of their time to the special topics assigned them and in order to prepare for the honours examinations. Two units of work with the major department, to be undertaken after the completion of the first and second year courses in the major subject, represent a minimum requirement for honours students. It is expected that in most cases honours students will carry additional advanced or honours work either in the junior year or in the senior year.

Students who have successfully completed the honours work as outlined for them by the department will be awarded the A. B. degree with distinction in the subject.

COURSES OF STUDY

1931-32

Biblical Literature

PROFESSOR: HENRY JOEL CADBURY,* Ph.D.
LECTURER: Appointment to be announced later.

The undergraduate instruction offered in this department includes three units of free elective courses.

Free Elective Courses

FREE ELECTIVE COURSES

The Literary History of the Bible: Dr. Cadbury.* *Credit: One-half unit.*
(Given in 1932-33)

A general course on the contents of the English Bible (including apocryphal writings) studied from the viewpoint of literary forms and origins and aiming to enable the student to recognize the influence of the Bible on art, literature and other aspects of civilization.

Rapid Reading in the Greek New Testament: Dr. Cadbury.* *Credit: One-half unit.*
(Given in each year)

This course is open to students who have passed the matriculation examination in Greek or attended the elementary course in Greek. It is intended to give a knowledge of Biblical Greek and facility in reading. The course is varied so that it may be pursued through several semesters.

Elementary Hebrew: Dr. Cadbury.* *Credit: One-half unit.*
(Given when requested)

1st Semester.

The Religion of Israel: Dr. Cadbury.* *Credit: One-half unit.*
(Given in each year)

The course includes a survey of the development of religious ideas and practices among the Hebrews during the early monarchy, under the influence of the prophets and in the beginning of Judaism.

2nd Semester.

The Life and Teaching of Jesus: Dr. Cadbury.* *Credit: One-half unit.*
(Given in each year)

The course is a discussion of the principal problems presented by the gospels for a recovery of an understanding of the career and character of Jesus of Nazareth.

These courses may be elected separately each with one-half unit of credit.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

* Granted leave of absence for the year 1932-33.

Biology

PROFESSOR:	DAVID HILT TENNENT, Ph.D.
ASSOCIATE PROFESSOR:	MARY SUMMERFIELD GARDINER, Ph.D.
ASSOCIATE:	ERNEST WESLEY BLANCHARD, Ph.D.
INSTRUCTOR:	J. GORDON CARLSON, A.B.

The undergraduate instruction offered in this department includes one unit of first year work and one and one-half units of second year work. Advanced work is offered in Embryology of the Vertebrates, Cytology, Biochemistry, Genetics and Physiology, with a minimum of one unit of credit and a maximum of two units for each course.

At the end of the second year of work a student may be recommended for Honours in Biology. Honours work may be done in Embryology, Cytology, Biochemistry or Physiology, and the satisfactory completion of at least two units of honours work entitles the student to receive her degree with Distinction in Biology.

The work of the first year course forms a general introduction to the subject through a broad comparative study of living things (general biology). In the second year the foundation of a more minute knowledge of animal morphology and physiology is laid. The third-year work is devoted to a study of advanced subjects and to the practical investigation of simple problems. A knowledge of the elements of physics and chemistry is desirable for students entering any course in biology.

Allied Subjects:

Chemistry
Physics

Other subjects will be accepted in special cases.

FIRST YEAR

*Major
Course*

Credit: One unit

Lectures and Laboratory Work in General Biology.

1st Semester.

Lectures: Dr. Gardiner.

Laboratory: Dr. Gardiner and Mr. Carlson.

2nd Semester.

Lectures: Dr. Tennent and Dr. Blanchard.

Laboratory: Dr. Tennent, Dr. Blanchard and Mr. Carlson.

The object of this course is to give the student clear conceptions of the fundamental principles of morphology and physiology and of the relations of the biological sciences to one another and to other branches of science. The laboratory practice is designed to enable the student, as far as possible, to examine for herself the facts discussed in the lectures, to encourage the habit of exact observation and to impart a knowledge of the methods of practical work.

The general subject is treated in two courses which supplement each other and must be taken together. The work is designed not simply to teach the elements of zoölogy and botany, as commonly understood, but in addition to treat plants and animals with constant reference to one another, both as to structure and as to mode of action. Emphasis is therefore laid on the essential facts of comparative morphology and physiology (general biology) as illustrated by a thorough study of a few types, rather than on the minutiae of classification.

During the first semester, the student studies a number of animals and plants, so arranged as to form a natural progressive introduction to the general principles of biology. The student makes a detailed examination of unicellular organisms and from these proceeds gradually to the complex conditions of structure and function in higher animals and plants. During the second semester attention is given mainly to the biology of higher animals. Two-thirds of the semester is devoted to a study of the morphology and physiology of vertebrates; the remainder of the semester to a study of the embryology of the frog and in greater detail to that of the chick.

SECOND YEAR

Credit: One and one-half units

Lectures and Laboratory Work in Invertebrate Zoölogy and Vertebrate Anatomy and Physiology.

1st Semester.

Lectures on Elementary Physiology: Dr. Blanchard.

Laboratory Work: Dr. Blanchard and Mr. Carlson.

The aim of this course is to present the facts of animal physiology. Digestion, respiration, circulation, nervous and muscular activity are studied from the point of view of the processes themselves rather than that of the physical and chemical principles underlying them. The laboratory time is devoted to a study of the anatomy of the cat, both from dissection and from histological preparations and, very briefly, to methods and practice of physiological experimentation, especially of muscle and nerve. A previous knowledge of chemistry is not required.

2nd Semester.

Lectures on Zoölogy of Invertebrates: Dr. Gardiner.

Laboratory Work: Dr. Gardiner and Mr. Carlson.

This course extends the work of the first year so as to include a survey of the morphology and taxonomy of the main groups of invertebrate animals.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to extend the work of the first two years and to offer the student the opportunity for specialization in chosen fields. By special arrangement any of the advanced courses may be extended to one and one-half or two units of credit.

Cytology: Dr. Tennent.

Credit: One unit.

(Given in 1932-33)

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation and fertilization. Both plant and animal cells are studied and instruction is given in methods of preparing cytological material for microscopical examination. At least six hours of laboratory work are required.

Embryology of Vertebrates: Dr. Tennent.

Credit: One unit.

(Given in 1933-34)

This course consists of lectures, assigned reading and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with

theoretical questions of embryological interest. The department has material for the study of the development of Amphioxus, Ascidian, Amia, Lepidosteus, Squalus, Ctenolabrus, Necturus, Rana, Chrysemys, Chick and Pig. At least six hours of laboratory work are required.

The course is divided as follows: Early stages of Development is the subject of the first semester and Organogeny is the subject of the second semester.

Theories of Heredity: Dr. Gardiner.

Credit: One unit.

(Given in 1932-33)

This course presents a survey of the experimental work upon heredity and includes a consideration of Mendelism and subsequent theories of inheritance. There are two lectures a week; the remainder of the student's time is divided between laboratory work covering a study of chromosomes and simple breeding experiments, and reading assignments from original papers.

Advanced Physiology: Dr. Blanchard.

Credit: One unit.

(Given in 1932-33)

A study of the vital functions of living organisms from the chemical and physical as well as from the biological standpoint. During the second semester the stress is placed upon mammalian physiology. The laboratory work is planned to develop a knowledge of the technique of physiological experimentation as well as to present the facts in a form in which they may be easily grasped by the student. It is expected, except in special instances, that the student will have had the equivalent of two years of chemistry. There are two hours of lecture and a minimum of six hours of laboratory work per week. Students may, with the permission of the instructor, perform a certain amount of independent investigation.

Biochemistry: Dr. Blanchard.

Credit: One unit.

(Given in 1933-34)

This course deals with the simpler aspects of the chemistry of living organisms. The properties and reactions of the substances of biological importance are studied. Under ordinary circumstances it is expected that a student will have had organic chemistry. There are two lectures and six hours of laboratory work per week.

HONOURS WORK

Honours work in any of the advanced fields is offered to qualified students.

Honours

GRADUATE WORK

Graduate work is offered in this department. Seminars are arranged in a three-year cycle. Further information will be found in *The Calendar of Graduate Courses*.

Chemistry

PROFESSOR:	JAMES LLEWELLYN CRENSHAW, Ph.D.
ASSOCIATE:	NELSON KELLOGG RICHTMYER, Ph.D.
INSTRUCTOR:	EDITH HAMILTON LANMAN, M.A.
DEMONSTRATOR:	LOUISE FROST HODGES CRENSHAW, A.B.

The undergraduate instruction offered in this department covers five and one-half units of work; it includes two and one-half units of undergraduate first and second year work and three units of advanced courses and honours

work open only to graduates and to undergraduates who have completed the major course in chemistry.

The first year's work is a general introduction to the subject. Lectures are given in inorganic chemistry and qualitative analysis.

In the second year the lectures are on physical and organic chemistry.

The advanced undergraduate courses are intended to prepare students for independent work, particular attention being paid to laboratory methods.

Allied Subjects:

Biology
Geology
Mathematics
Physics

FIRST YEAR

Credit: One unit

*Major
Course*

1st Semester.

Introduction to General Chemistry: Dr. Crenshaw.

Laboratory Work: Miss Lanman and Mrs. Crenshaw.

The course does not presuppose any knowledge of chemistry. In the class-room the nature of chemical action is taught by lectures that are illustrated by a series of experiments in which the more important substances are made and transformed, the time being spent largely on the non-metals. Throughout the semester the lectures and the laboratory work are complementary.

2nd Semester.

The Chemistry of the Metals: Dr. Richtmyer.

Laboratory Work: Miss Lanman and Mrs. Crenshaw.

This course deals with the properties of the more important metallic elements and their compounds. The methods of separation employed in the laboratory are discussed, and the fundamental principles upon which these methods of separation are based are emphasized. The lectures are supplemented by required private reading.

The laboratory work consists of qualitative analyses. The students are first taught to identify the basic and acidic constituents of solutions; later they are required to carry out analyses of a few alloys and salts.

SECOND YEAR

Credit: One and one-half units

1st Semester.

Organic Chemistry: Dr. Richtmyer.

Laboratory Work: Dr. Richtmyer.

The methods of preparation and the behaviour of the various classes of organic compounds are studied. Emphasis is laid on the processes of reasoning by which the constitution of organic compounds is established.

The laboratory work is devoted to organic preparations. Simple representatives of the more important classes of organic compounds are first prepared and their typical reactions studied. After a familiarity with the methods of dealing with organic substances has been gained, syntheses of a few of the more complex organic compounds are carried out.

2nd Semester.

Lectures on Elementary Physical Chemistry: Dr. Crenshaw.

Laboratory Work: Miss Lanman.

In this course chemical facts are considered from the point of view of common and exact relations and from these relations the laws and theories of chemistry are developed. Special attention is paid to the atomic theory, the laws of gases, the theory of solutions and electro-chemistry. Private reading and outside preparation amounting to at least three and a half hours are required.

The laboratory work consists of quantitative analyses. Each exercise is important in itself and illustrates some principle or involves some manipulation of general application in analytical work.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to select some of these courses.

Advanced Courses

Physical Chemistry: Dr. Crenshaw.

Credit: One and one-half units.

(Given in each year)

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

The laboratory work is designed to prepare the students for physico-chemical research. By special arrangement this course may count for more than one and one-half units of credit.

Advanced Organic Chemistry: Dr. Richtmyer.

Credit: One unit.

(Given in each year)

The course consists of lectures and assigned reading with occasional reports and laboratory work. During the past year the following subjects received particular emphasis: quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

By special arrangement this course may count for more than one unit of credit.

Inorganic Chemistry: Miss Lanman.

Credit: One unit.

(Given in each year)

Selected topics in inorganic chemistry are discussed in detail, and parallel reading is required. The laboratory work consists of advanced quantitative analyses. By special arrangement this course may count for more than one unit of credit.

HONOURS WORK

Students specially recommended by the department may register for honours work in any one of the three advanced courses. A minimum of one and one-half units of work must be taken in the particular advanced course chosen.

Honours

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Classical Archæology

PROFESSORS:	RHYS CARPENTER, Ph.D. MARY HAMILTON SWINDLER, Ph.D.
ASSOCIATE PROFESSOR:	VALENTIN MÜLLER, Ph.D.
DEMONSTRATOR:	HENRIETTA HUFF, A.B.

Undergraduate courses of five units are offered affording an introduction to the various branches of classical archæology. They are fully illustrated with lantern slides and photographs are available for review and comparison.

Courses begun in the first semester must be continued in the second semester.

Allied Subjects:

Ancient History
Greek
History of Art
Latin

FIRST YEAR

Credit: One unit

1st Semester.

Greek Sculpture: Dr. Carpenter and Dr. Swindler.

A critical study of the rise, perfection and ultimate developments of sculpture in Greece. The course is intended as a general introduction to the principles and appreciation of sculpture.

2nd Semester.

Ancient Painting: Dr. Carpenter and Dr. Swindler.

The course traces the development of ancient painting. The material studied includes Egyptian and Cretan frescoes, Greek vases, Pompeian wall paintings and the paintings from Etruscan sites.

SECOND YEAR

Credit: One and one-half units

Ancient Athens and Ancient Rome: Dr. Carpenter and Dr. Swindler.

Credit: One-half unit.

(Given throughout the year)

During the first semester the monuments and the life of ancient Athens and other Greek towns are studied. During the second semester the course deals with the art and material civilization of Rome through Republican and Imperial times. The work begins with a study of Etruscan civilization. The course is intended as an introduction to Roman art, especially sculpture and painting.

1st Semester.

Egyptian and Mesopotamian Archæology: Dr. Müller.

Credit: One-half unit.

(Given in each year)

A study of the arts of Egypt, Mesopotamia, Persia and the smaller intermediate cultures of Eastern Asia Minor, Syria (Hittite art), Phœnicia and Palestine. Architecture, sculpture, relief work and minor arts are dealt with, their principles and evolution from prehistoric times until the end of the ancient world.

2nd Semester.

Ægean Archæology, Crete, Mycenæ and the Islands from 3000 to 1100
B. C.: Dr. Swindler. *Credit: One-half unit.*

(Given in each year)

ADVANCED UNDERGRADUATE COURSE

Ancient Architecture: Dr. Müller.

Credit: One unit.

*Advanced
Course*

The introductory lectures deal with Egyptian, Babylonian, Assyrian, Persian and Ægean building. The remainder of the semester is devoted to a detailed study of the principles and practice of Greek architecture until late Hellenistic times. Emphasis is laid on architectural evolution and its connection with the civilization of the period.

During the second semester the Architecture of Rome and the Roman Empire down to the late Imperial times are studied.

HONOURS WORK

Honours work is offered by the department for students who have completed two years of work in the department with distinction.

Honours

The work is conducted by means of reports, reading assigned in various fields and discussion of topics.

1st Semester.

Greek Vase-Painting: Dr. Swindler.

In 1932-33 the work deals with Greek Vases. Various styles and masters are studied and some of the problems connected with Greek Vases, such as *Kalos* names, Etruscan trade relations and their significance and the importance of Greek Vases for certain aspects of Greek life, e. g. of the vases dealing with the theatre and religious subjects.

2nd Semester.

Greek Sculpture: Dr. Carpenter.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Economics and Politics

PROFESSORS:

MARION PARRIS SMITH, Ph.D.

CHARLES GHEQUIERE FENWICK, Ph.D.

ASSOCIATE PROFESSOR:

ROGER HEWES WELLS, Ph.D.

NON-RESIDENT LECTURER:

ELEANOR LANSING DULLES, Ph.D.

READER:

MARY BETTINA LINN, M.A.

The undergraduate instruction offered in this department includes four units of first and second year work; one-half unit of free elective work and one or more units of advanced work. The object of the undergraduate courses in economics and politics is three-fold: first, to describe the development of economic and political institutions; second, to trace the history of economic and political thought, and third, to consider the practical economic and political questions of the day. Instruction is given by lectures, individual and group conferences, assigned readings, oral and written quizzes, written reports and such special class-room exercises and field trips as the different subjects require.

Allied Subjects:

History
 Labour Movements
 Mathematics
 Philosophy
 Psychology

FIRST YEAR

*Credit: Two units**Major Course*

The Economic World: Dr. Wells and Miss Linn.

Credit: One unit.

(This course may be taken as a free elective.)

The object of the course is to familiarize students with the economic world in which they live. Among the topics studied are the following: Economic Geography and Natural Resources of the United States; Population; Manufacturing; Labor Problems; Transportation; Marketing; Money and Banking; International Trade and Public Finance.

The course is not only intended as a foundation for the students who wish to specialize in economics, but also for the students whose interests lie in other fields and yet who desire a survey of the more important problems of economic life.

Modern Governments: Dr. Fenwick and Dr. Wells.

Credit: One unit.

(This course may be taken as a free elective.)

The course is designed to present the structure and functions of federal, state and municipal government in the United States, together with an examination of the party system and its effects upon the actual operations of government. It is followed by a comparative study of the leading European governments, chiefly those of Great Britain, France, and Germany.

SECOND YEAR

Credit: Two units

Economic Theory and Problems in the Nineteenth and Twentieth Centuries. Dr. M. P. Smith.

Credit: One unit.

(This course may be taken only by students who have completed the first year course in economics.)

The object of the course is to trace the history of western thought on such subjects as the just distribution of wealth, property and slavery, capital and usury, the wages of labor and value and price and to familiarize the students with modern economic theory. The latter part of the course is devoted to a study of selected problems of the modern economic world; cost of living, unemployment, the business cycle, etc.

1st Semester.

History of Political Thought: Dr. Wells.

Credit: One-half unit.

(This course may be taken only by students who have completed the first year course in politics.)

The course is devoted to the history of western political thought. Some attention is given to Greek, Roman and medieval theories but the main emphasis is placed upon the development of political ideas in modern times. Selections from the writings of Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, T. H. Green, Laski, and others are read by each student as a basis for class discussions. Lectures and general reading are also included in the course and each student is expected to write one report dealing with some selected topic.

2nd Semester.

International Law: Dr. Fenwick.

Credit: One-half unit.

(This course may be taken only by students who have completed the first year course in politics.)

The object of the course is to examine the existing rules of international law in order to determine their origin, their general observance and their applicability to the changed

conditions of modern life. Special stress is laid upon the interpretation of international law by the United States and upon the organization and functioning of the League of Nations and the World Court.

ADVANCED UNDERGRADUATE COURSE

The advanced courses are designed to bridge over the interval between the ordinary undergraduate courses and graduate work. Since the amount of time given to undergraduate courses varies in different colleges, graduate students often find it advisable to elect some of these courses.

American Economic and Social Problems: Dr. M. P. Smith.

Credit: One unit.

(Given in each year)

This course is open only to students who have completed the first and second year courses in economics.

FREE ELECTIVE COURSE

Elements of Law: Dr. Fenwick.

Credit: One-half unit.

(Given in 1932-33)

The object of this course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The topics covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property and the chief forms of procedure. The lectures are supplemented by a study and discussion of court cases bearing on the subject.

This course may be elected only by students who have completed the first year course in politics or in economics or in history.

HONOURS WORK

Honours work is offered by this department to qualified students.

Honours

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Education

This Department is organized in part from the Phebe Anna Thorne Endowment

PROFESSOR:

*AGNES LOW ROGERS, Ph.D.

ASSOCIATE PROFESSOR:

ILSE FOREST, Ph.D.

LECTURER-ELECT:

LELAH MAE CRABBS, Ph.D.

INSTRUCTOR:

E. LOUISE HAMILTON, Ph.D.

The undergraduate instruction offered in this department includes three and one-half units of free elective work.

The Department of Education maintains a clinic for the mental and educational examination of school children. It offers psychological service to the schools of the vicinity.

The clinic is housed in a building behind Cartref where rooms have been equipped for the individual examination of pupils and for remedial work with pupils. There is a laboratory for the statistical work involved in school service carried on by the department. In addition to intensive studies of individual children who are failing with school work, testing programs have been carried through in schools, and complete psychological service has been supplied to one large school. The clinic is prepared to extend this service to other schools. In the clinic there is a collection of tests for these purposes together with measurement devices of all types and it is equipped also with remedial materials.

*Granted leave of absence for the year 1932-33.

Advanced Courses

Free Elective Courses

FREE ELECTIVE COURSES

*Free
Elective
Courses*

Mental and Educational Measurement; *Credit: One unit.*
Laboratory Work: Dr. Rogers.*
(Given in each year)

A broad survey of the aims, methods and results of mental measurement in education at various levels.

Major Topics: significance of the testing movement. Available tests and scales, critical evaluation of tests; technique of administering tests, methods of scoring and interpreting results, use of results in classification of pupils and other problems.

It prepares the student for more specialized practical work in the application of tests in educational problems, vocational guidance, etc. This course is open to students who have taken the course in Mental Tests and Measurements or its equivalent. (See page 82.)

Child Psychology: Dr. Forest. *Credit: One unit.*
(Given in each year)

This course deals with the psychological aspect of child development. A study is made of the mental and emotional characteristics of growing children, with special reference to the problems of training and guidance arising at various age levels.

Principles of Education: Dr. Forest. *Credit: One unit.*
(Given in each year)

This course treats of the principles basic to educational procedure. The origin and significance of present controversies in education is presented during the first semester through a study of the rise and development of educational institutions. During the second semester special emphasis is placed upon the philosophy and the practice of modern progressive schools.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

English

PROFESSORS:	LUCY MARTIN DONNELLY, A.B. REGINA KATHARINE CRANDALL, Ph.D. SAMUEL CLAGGETT CHEW, Ph.D.
ASSOCIATE PROFESSOR:	STEPHEN JOSEPH HERBEN, JR., Ph.D.
ASSOCIATE:	ENID GLEN, Ph.D.
NON-RESIDENT LECTURERS:	SAMUEL ARTHUR KING, M.A. MINOR WHITE LATHAM, Ph.D.
INSTRUCTORS:	HORTENSE FLEXNER KING, M.A. MARY KATHARINE WOODWORTH, M.A. CORNELIA LYNDE MEIGS, A.B. KATHRINE KOLLER, Ph.D.

The undergraduate instruction offered in English includes lectures and recitations on English Composition, required of every candidate for the Bachelor's degree, six units of first year, second year and advanced English; three units of free elective work; one unit of elective work in English diction and honours work.

Students majoring in English must offer Greek or Latin for the required work in Literature and must complete one unit of first year work, two units of second year work and one unit of advanced work. Students who wish to specialize in the field of Old or Middle English must take at least one

* Granted leave of absence for the year 1932-33. The courses announced by Dr. Rogers will be given by Dr. Crabbs.

course in the later period and students specializing in modern literature must take one course in the earlier period. Any of the second year courses may be taken separately as free electives by students who have completed the first year course.

COMPREHENSIVE EXAMINATION

A comprehensive examination over the general field of English Literature will be required of all students electing English as a major.

Allied Subjects:

History
History of Art
Any language or literature
Philosophy

ENGLISH COMPOSITION

Credit: One unit

English Composition: Dr. Glen, Miss Woodworth, Miss Meigs, Miss Koller. *Required Courses*

Credit: One unit.

A study of the forms of composition based upon reading in the prose and poetry of the Nineteenth Century and the present time.

The Principles of Articulation: Mr. King.

This course deals with a system of oral gymnastics, by which a distinct, firm and fluent articulation can be acquired. The means of instruction for improving the quality of the speaking voice and for acquiring a correct production are pointed out. Special attention is paid to the cure of nasality and other vicious habits of speaking. The common errors of articulation and the vulgarisms constantly heard in every-day speech are clearly defined. *This course is required for the degree and must be taken by all students registered for the course in English Composition, but does not count in the required fifteen units.*

FIRST YEAR

Credit: One unit

English Literature: Miss Donnelly, Miss Woodworth, Miss Koller. *Major Course*

Credit: One unit.

A survey of English literature from the Early English Period to the Romantic Movement. The lectures are supplemented by class discussions and written tests. The reading includes the best and most representative works in the field of the lectures.

SECOND YEAR

Credit: Two units

English Literature of the Middle Ages: Dr. Herben. *Credit: One unit.*

Sufficient instruction is given in Middle English to enable the student to read ordinary texts intelligently. Lectures and recitations deal with the important currents of medieval English literature with special emphasis upon Chaucer and his contemporaries. Reports are required from each student.

English Literature of the Romantic Period: Dr. Chew. *Credit: One unit.*

The eighteenth-century background; the poetry of the period; the essay and novel and the influence of continental literature upon English literature are the chief topics in the course. Reports are required from each student.

ADVANCED UNDERGRADUATE COURSES

English Critics of the Nineteenth Century: Miss Donnelly. *Advanced Courses*

Credit: One unit

(Given in 1932-33 and again in 1934-35)

Carlyle, Ruskin, Arnold, Pater and, if time allows, two or three other writers are studied with regard to their theories of criticism and their influence upon the thought of their time. Reports are required from each student.

English Literature from Dryden to Johnson: Miss Donnelly.

Credit: One unit.

(Given in 1933-34 and again in 1935-36)

Dryden, Swift, Pope, Addison, Johnson and, if time allows, other writers are studied, with regard to the development of classicism. Reports are required from each student.

Tudor and Stuart Drama: Dr. Glen.

Credit: One unit.

(Given in 1932-33)

A review of the earlier periods of the drama is followed by more detailed study of the dramatists from Lyly and Marlowe to Ford and Shirley. The lectures deal in part with aspects of contemporary life as reflected in the drama. Reports are required from each student.

Middle English Romances: Dr. Herben.

Credit: One unit.

(Given in 1932-33 and again in 1934-35)

Selected romances in Middle English are read. The lectures deal with the development of Romance literature in Europe, with special reference to the romances of the Arthurian cycle.

Old English Literature; Beowulf: Dr. Herben.

Credit: One unit.

(Given in 1933-34 and again in 1935-36)

The first part of the course is devoted to an outline of Old English grammar. Graded selections of Old English prose and poetry are read, followed by the *Beowulf* entire.

If demanded the course in Middle English Romances may be substituted for this course in 1932-33.

Private Reading.

Credit: One-half unit.

For students who elect English as a major. Reading under direction to supplement the regular courses for which a time allowance is made. Occasional conferences are held.

FREE ELECTIVE COURSES

English Poetry from Arnold to Bridges: Dr. Chew.

Credit: One-half unit.

(Given in 1932-33)

Arnold, Clough, Thomson; the Pre-Raphaelite Movement, Morris, Swinburne; Meredith, Hardy; and later developments such as the Celtic Poets, the Imperialists and the "Decadents." A report is required from each student in each semester.

Rhetoric: Dr. Crandall.

Credit: One-half unit.

(Given in each year)

The course consists of the study of rhetoric, with parallel reading and analysis of English prose and verse and the writing of illustrative papers. The course is open to students who have completed the required course in English composition.

Argumentation: Dr. Crandall.

Credit: One-half unit.

(Given in each year)

The writing of arguments, the study of the form with reference to other types of writing and other problems connected with argumentation, formal and informal, make up the work of the course. The course is open to students who have completed the required course in English composition.

The Short Story: Dr. Crandall.

Credit: One-half unit.

(Given in 1932-33 and again in 1934-35)

The course deals with various forms of narrative, more especially the short story and includes a study of the work of representative authors, both English and French.

Criticism: Dr. Crandall.

Credit: One-half unit.

(Given in 1933-34 and again in 1935-36)

The course includes a study of the principles of criticism and the writing of critical exposition, the essay and kindred forms.

Versification: Mrs. King.

Credit: One-half unit.

(Given in each year)

The course is not historical but theoretical and students are required to write short exercises in verse every week. The course is open to students who have completed the required course in English composition.

Experimental Writing: Miss Meigs.

Credit: One-half unit.

Practice in various forms of writing according to the interests of each student.

Play Writing: Dr. Latham.

Credit: One-half unit.

(Given in alternate years; to be given in 1932-33)

The modern drama is studied in connection with the writing of plays.

General Reading of Prose Authors: Mr. King.

Credit: One-half unit.

(Given in 1932-33 and again in 1934-35)

This course is open only to those students who have attended the lectures in English diction given in the general course.

Reading of Shakespeare: Mr. King.

Credit: One-half unit.

(Given in 1933-34 and again in 1935-36)

This course is open only to those students who have attended the lectures in English diction given in the general course. A special study is made of the principles of correct delivery of blank verse. The needs of those students who expect to teach English literature and desire to read Shakespeare to their pupils are given special attention.

HONOURS WORK

In the second year and advanced courses work in special fields or subjects is offered to students who are recommended by the department for honours in English. Such work is related to the courses the student is following but adapted to her individual interests. It consists of independent reading, reports and conferences, followed by special examinations.

Honours

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

French

PROFESSOR AND DEAN OF THE

GRADUATE SCHOOL:

EUNICE MORGAN SCHENCK, Ph.D.

ASSOCIATE PROFESSORS:

GRACE FRANK, A.B.

JEAN M. F. CANU, *Agrégé*

MARGARET GILMAN, Ph.D.

ASSOCIATE:

MADELEINE SOUBEIRAN, *Agrégée*

INSTRUCTORS:

BERTHE-MARIE MARTI, M.A.

MARGARET DENT DAUDON, A.B.

The undergraduate instruction offered in this department covers five and one-half units of lectures and recitations a week; it includes two and one-half units of undergraduate first and second year work; two units

of advanced courses, open only to graduates and to undergraduates who have completed the major course in French and one unit of free elective. All the courses in French except the elective course and the seminaries in Old French are conducted in the French language.

ADVANCED STANDING

An advanced standing examination in French, that is an examination taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Students who are successful in this examination will receive credit for one-half unit of elective work in French and, if they enter the first year French course, will be allowed to substitute additional work in literature for the language work of that course.

UNDERGRADUATE STUDY IN FRANCE

Students who have chosen French as their major subject and who have at the end of their Sophomore year completed the major course, may by a joint recommendation of the Dean of the College and the Department of French be allowed to spend their Junior year in France according to the "Delaware Foreign Study Plan."

This plan provides for one year's supervised undergraduate study. The year is divided into two periods, a three-month preliminary period, from the last week in July to the last week in October and the regular French academic session of eight months, November 1 to June 30. The preliminary period is spent at the University of Nancy. The regular session is spent in Paris, at the University of Paris and the Ecole Libre des Sciences Politiques.

The list of subjects available includes literature, history, history of art and economics. The formal lecture system of the French universities is supplemented by tutorial system classes arranged for the Foreign Study group. Private lessons in composition and diction are given throughout the year.

The students live in French families where they speak the language and gain some knowledge of French life. They also have the advantage of a carefully arranged programme of "extra-curriculum activities," which includes operas and plays, as well as excursions in France and adjacent countries.

Only those students will be recommended who have shown a natural aptitude for the French language, have a high average in their college work and seem in the opinion of the Dean and the Department of French well qualified to represent the college.

Allied Subjects:

History
History of Art
Any language
Philosophy

Major Course

MAJOR COURSE

Entrance to the major course in French presupposes as much knowledge as is required to pass the matriculation examination in this subject.

FIRST YEAR

Credit: One unit

The History of French Literature of the Nineteenth Century with practical exercises in the French language.

*1st Semester.**Division A.* Mr. Canu.*Division B.* Dr. Gilman.*2nd Semester.**Division A.* Dr. Gilman.*Division B.* Miss Soubeiran and Miss Marti.

Students are assigned to divisions after an aural test.

SECOND YEAR

*Credit: One and one-half units**1st Semester.*

The History of French Literature of the Seventeenth Century, accompanied by collateral reading: Miss Soubeiran.

Practical Exercises in the French Language.

Division A. Miss Soubeiran.*Division B.* Mr. Canu.*2nd Semester.*

The History of French Literature of the Eighteenth Century, accompanied by collateral reading: Mr. Canu.

Practical Exercises in the French Language.

Division A. Dr. Schenck.*Division B.* Miss Marti.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Advanced Courses

French Lyric Poetry since 1850: Dr. Gilman.

*Credit: One unit.**(Given in 1932-33)*

This course is conducted according to the method of the "Explication de Textes" used in the French Universities.

Studies in the Historical Background of French Literature: Mr. Canu.

*Credit: One unit.**(Given in 1933-34)*

French Literature of the Sixteenth Century: Miss Soubeiran.

*Credit: One unit.**(Given in 1932-33)*

Introduction to Mediaeval Literature and Philology: Miss Marti.

*Credit: One unit.**(Given in 1933-34)*

*Free
Elective
Course*

FREE ELECTIVE COURSE

Modern Tendencies in French Literature: Dr. Schenck. *Credit: One unit.*
(Given in each year)

Lectures, class discussion and reports are in English; the reading in connection with the course is in French.

Only those students will be admitted who have completed the course in First Year English Literature or the second year course in French Literature.

HONOURS WORK

After the completion of the second year course a student may be recommended by the department for honours in French. Such students work in special fields adapted to their own interests under the direction of members of the department.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Geology

ASSOCIATES:

EDWARD H. WATSON, Ph.D.

A. LINCOLN DRYDEN, JR., Ph.D.

INSTRUCTOR:

Appointment to be announced later.

DEMONSTRATOR:

MARJORIE STARR BEST, M.A.

Undergraduate work in this department includes two and one-half units in first and second year work and two and one-half or three units of advanced work open to students who have completed the first year course.

To major in geology an undergraduate must take the first and second year courses and at least one advanced course.

Allied Subjects:

Biology

Chemistry

Physics

Other subjects may be accepted in special cases.

FIRST YEAR

Credit: One unit

General Geology.

1st Semester.

Physical Geology: Dr. Watson.

Field Work and Laboratory Work: Dr. Watson.

The lectures deal primarily with the processes that alter the form of the surface of the earth. The effects of wind, rivers, glaciers, oceans, volcanoes and mountain building forces are considered. During October and November a field excursion is taken once a week to localities of geologic interest. These trips illustrate the composition, origin, folding and erosion of rock masses. In the laboratory, which is held during December and January an elementary study of minerals, rocks and land forms as illustrated by topographic maps is undertaken.

*Major
Course*

2nd Semester.

Historical Geology: Dr. Dryden.

Laboratory Work: Dr. Dryden and Miss Best.

The history of the earth is sketched from the cosmogenies of Chamberlin and Jeans to the beginnings of historical times. The rock series from Archean to Pleistocene are described, particularly as to: their mode of formation; climatic and geographic conditions shown by their character; the organic forms contained in them; and the economic products which have often rendered them valuable. In the laboratory, especial attention is devoted to study of fossils typical of the various ages. Work with areal geologic maps is utilized to show the methods of using such publications. In the Spring a field trip of a few days duration will probably replace several laboratory periods.

SECOND YEAR

Credit: One and one-half units

1st Semester.

Introductory Paleontology: Dr. Dryden.

Laboratory Work: Dr. Dryden and Miss Best.

The course is essentially a study of the morphology of different fossil groups, their distribution in, and relation to, the enclosing sediments. A general review of the biology of the groups is undertaken and their ecology treated by reference to similar modern forms. The laboratory consists of (1) systematic examination and discussion of the fossil collections; (2) reports dealing with various phases related to the lecture subjects.

2nd Semester.

Determinative Mineralogy: Dr. Watson.

Laboratory Work: Dr. Watson and an Instructor to be appointed.

Elementary crystallography is first considered, including the development of the thirty-two classes of crystals and the study of crystal models. This is followed by a systematic discussion of the important non-silicate minerals. In the laboratory minerals are studied and determined by means of blow-pipe analysis and chemical tests. In the Spring field trips to nearby mineral localities will replace some of the laboratory work.

It is desirable that the student have a knowledge of elementary chemistry before taking this course. Students majoring in the Department of Chemistry may enter without having had any previous courses in geology.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work.

Advanced Courses

Optical Mineralogy.

Credit: One and one-half units.

1st Semester.

Crystal Optics: Dr. Watson.

Laboratory Work: An Instructor to be appointed.

Two lectures are given weekly on the optical properties of crystals and the theory of the petrographic microscope. Eight hours are spent weekly in laboratory work illustrative of the lectures, and in the elements of petrographic methods. Determinative mineralogy is prerequisite to this course.

2nd Semester.

Silicate Mineralogy: Dr. Watson.

Laboratory Work: Dr. Watson and an Instructor to be appointed.

Three lectures and six laboratory hours are given weekly. The lectures for the first four or five weeks are given over to a discussion of the theories on the constitution of the silicates, including X-ray structures. Thereafter, a systematic discussion of the silicates is given, with particular emphasis on their chemistry and optical properties. The laboratory work deals with the determinative mineralogy of the silicates, especially by optical methods. Field excursions will be made to localities of interest in the Spring.

1st Semester.

Crystallography: An Instructor to be appointed. *Credit: One-half unit.*

Geometrical, physical and chemical crystallography, including a mathematical treatment of the modern theory of space groups, are discussed in the lectures. In the laboratory, instruction and practice are given in crystal measurement with the two-circle goniometer, and in crystal projection and crystal drawing.

It is desirable that the student shall have had general courses in chemistry and physics. The course is open to students majoring in chemistry and physics without previous work in geology.

2nd Semester.

Physiography: Dr. Dryden. *Credit: One-half unit.*

Three lectures and one afternoon of laboratory a week. Special emphasis is placed on a study of the physiographic provinces of the United States. The basis of this study, however, is the general areal geology of the regions discussed, and their physiography will be considered as surface expression of the underlying formations, as modified by constructive and destructive processes. Regular reports on general geology, structure, glaciation, etc., are an important part of the work. Physical and historical geology are prerequisite to this course.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

German

ASSOCIATE PROFESSORS:

MAX DIEZ, Ph.D.

FRITZ MEZGER, Ph.D.

ASSOCIATE:

MYRA S. JESSEN, Ph.D.

INSTRUCTORS:

MARTHA MEYSENBERG DIEZ, M.A.

ELSIE POKRANTZ, M.A.

IRMGARD TAYLOR, M.A.

The instruction offered in this department covers eight units; it includes one unit of elementary German; two and one-half units of undergraduate first and second year work and two and one-half units of advanced courses, open to graduates and to undergraduates who have completed the major course in German. All the courses in German except the extra-curriculum reading courses are conducted in the German language.

ADVANCED STANDING

An advanced standing examination in German, that is an examination taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college after consultation with the department.

Allied Subjects:

English

History

History of Art

History of Music

Any language

Philosophy

Elementary German.*Credit: One unit* **Elementary Courses**

A class for beginners, conducted in eight sections.

The purpose of this course is to lay the foundation for a reading knowledge of German. Students are expected to complete this reading knowledge before coming up for the general language examination in German, either by private reading during the summer or, during the following year, under the direction of the German Department in the extra-curriculum course in Supervised Reading.

Students of exceptional ability (85 or over) are given an opportunity to complete the development of their reading knowledge during the second semester of the course by devoting all their time to reading, meeting the instructor once a week for conference instead of attending classes.

Elementary German Reading.*Credit: One-half unit.*

The course is designed to develop the student's reading knowledge of German, preparatory to the German language examination.

Open to freshmen who have had two years of German in high school and to seniors who have failed to pass the general language examination. Seniors will not receive credit for this course.

Supervised German Reading.*No credit.*

The course is designed to develop the student's reading knowledge of German. A review of grammar and weekly reading assignments. Weekly conferences.

Open to students who have passed Elementary German.

MAJOR COURSE

The major course in German is open to students who have passed the matriculation examination in this subject (Cp. 3) or the Bryn Mawr general reading examination in German or who have passed the course in Elementary German with the grade of 85 or over.

Major Course**FIRST YEAR***Credit: One unit***The Age of Goethe: Dr. and Mrs. M. M. Diez.**

The course includes lectures on the history of German Literature in the Classical and Romantic Periods; collateral reading of the principal works of Goethe, Lessing, Schiller, Kleist, Grillparzer and the Romantics; intensive study in class of Goethe's shorter poems and Faust. There are exercises in German Composition with private conferences.

SECOND YEAR*Credit: One and one-half units***German Literature: Dr. Diez.**

The course includes lectures on the History of German Literature from the beginning to the present time. The first semester is devoted largely to the literature of the Hohenstaufen period, the second semester covers the period from Goethe's death to the present time.

Reading and Composition: Mrs. Jessen.

The course consists of studies in German Style and Composition, based on an intensive study of the Nibelungenlied and the history of the Nibelungen legend in the first semester; "Kulturkunde" and "Heimatkunst" in the second semester.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work.

Advanced Courses

German Literature from "Realismus" to "Neue Sachlichkeit:" Dr. Mezger.

*Credit: One unit.**(Given in 1932-33)*

Selected works of Keller, Meyer, Storm, Thomas Mann, Stehr; Hauptmann, George, Rilke and Werfel will be read. The main trend of modern German thought will be studied.

Germanic Philology and Literature: Dr. Mezger.

*(Given in 1933-34)**1st Semester.*

Introduction to German Philology.

2nd Semester.

Middle High German Literature.

Wolfram von Eschenbach, Gottfried von Strassburg, Hartmann von Aue, Walther von der Vogelweide and Nibelungenlied will be studied.

If desired the subject announced for either semester may be continued throughout the year.

Advanced Composition: Mrs. Jessen.

*(Given in 1932-33)**Credit: One-half unit.*

The German Lyric and Ballad: Mrs. Jessen.

*(Given in 1932-33)**Credit: One unit.*

The German Drama: Mrs. Jessen.

*(Given in 1933-34)**Credit: One unit.*

The German Novel: Mrs. Jessen.

*(Given in 1934-35)**Credit: One unit.*

HONOURS WORK

Honours

Special work for honours is offered to students of unusual ability.

Students wishing to become candidates for honours in German should present themselves for a comprehensive examination on the history of German literature in the autumn of the year in which they wish to begin their honours work.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Greek

PROFESSORS:

HENRY NEVILL SANDERS, Ph.D.

WILMER CAVE WRIGHT, Ph.D.

INSTRUCTOR:

RUTH FAIRMAN, M.A.

*Elementary
Course*

The undergraduate instruction offered in this department includes two and one-half units of first and second year work and two units of advanced undergraduate work open to graduates and to undergraduates who have completed the major course in Greek. Honours work is offered by this department.

An elementary course with credit of one and one-half units is provided for those students who wish to begin the study of Greek. Grammar and composition are studied. Xenophon's *Anabasis* and selections from Homer are read. This course is given by Miss Fairman under the direction of Dr. Wright.

The Greek courses may not be offered for examination for advanced standing without class attendance.

Allied Subjects:

Ancient History
Archæology
Any language
Philosophy

FIRST YEAR

Credit: One unit

1st Semester.

Plato, *Apology* and *Crito* or *Protagoras* or *Phaedo* and Greek Prose Composition: Dr. Sanders.

Homer, *Odyssey*: Dr. Wright.

Private reading:

Euripides, *Alcestis*, ll. 1 to end. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

2nd Semester.

Euripides, *Medea* and Greek Prose Composition: Dr. Sanders.

Homer, *Iliad*: Dr. Wright.

Private reading:

Sophocles *Philoctetes*, ll. 1-1080 and 1218-1313. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

SECOND YEAR

Credit: One and one-half units

Demosthenes and Aristophanes;

Thucydides and Sophocles: Dr. Sanders.

Credit: One unit.

Demosthenes and Aristophanes are given during the first semester; Thucydides and Sophocles during the second semester. Work in Greek prose composition is given in connection with the lectures on Demosthenes and Thucydides.

History of Greek Literature: Dr. Wright.

Credit: One-half unit.

The Ionio-Dorian and Attic periods are studied during the first semester.

The Attic, Alexandrine and Græco-Roman periods are studied during the second semester.

This course may be taken either as a second year course or as a free elective. Students taking it as a free elective are not required to have taken the first year course and are not required to do the private reading.

Private reading:

1st Semester.

Æschylus, *Prometheus Vincetus*, ll. 1 to end must be read by students taking the complete course; Æschylus, *Persæ*, ll. 1-680 must be read by students taking the courses in Demosthenes and Æschylus, omitting the course in Greek literature; Æschylus, *Prometheus Vincetus*, ll. 1-436 must be read by students taking the course in Greek literature, omitting the course in Demosthenes and Æschylus. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses, except those taking the course in Greek literature as an elective.

2nd Semester.

Æschylus, *Persæ* ll. 1 to end must be read by students taking the complete course; Æschylus, *Persæ*, ll. 681 to end must be read by students taking the courses in Thucydides and Æschylus, omitting the course in Greek literature; Æschylus, *Prometheus Vincetus*, ll. 437-876 must be read by students taking the course in Greek literature, omitting the course in Thucydides and Sophocles. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses, except those taking the course in Greek literature as an elective.

*Major
Course*

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The following courses are offered for advanced work and honours, for selection by students in consultation with the department. Each course counts for one-half unit and is given for one semester and it includes an assignment of private reading in Greek texts or work in syntax. One unit of advanced work is the minimum requirement for students who offer Greek as a major subject.

Attic Tragedy;
Pindar and Bacchylides;
Attic Orators;
Rhetoricians: Dr. Sanders.
Plato;
Theocritus;
Melic Poets;
Old Comedy: Dr. Wright.

HONOURS WORK

Honours

Honours work is offered in this department to qualified students.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

History

PROFESSORS:

HOWARD LEVI GRAY, Ph.D.

WILLIAM ROY SMITH, Ph.D.

CHARLES WENDELL DAVID, Ph.D.

DEAN OF THE COLLEGE:

HELEN TAFT MANNING, Ph.D.

ASSOCIATE PROFESSOR OF LATIN:

THOMAS R. S. BROUGHTON, Ph.D.

ASSOCIATE:

CAROLINE ROBBINS, Ph.D.

The undergraduate instruction offered in this department comprises nine and one-half units; it includes five units of undergraduate first and second year work in modern history and ancient history; one and one-half units of free elective and two units a week of advanced undergraduate courses, open only to graduates and undergraduates who have completed the major course in history and one unit of honours work.

Undergraduate instruction offered in history comprises a general course in the history of Europe followed by several somewhat specialized courses. The first is a prerequisite to any of the others except the courses in ancient history. Students not majoring in history may elect the general course and afterward any of the second year courses. Of the specialized courses two are devoted to civilization of the middle ages and the renaissance, two to continental Europe from the sixteenth to the nineteenth century, three to the history of England and the British Empire and two to the history of the United States. Somewhat more advanced is a course in Europe since 1870. Concurrent with these is study preparatory for honours.

Whether the courses are general or specialized an attempt is made to teach history as a record of the development of man in his political, economic and social relations. The courses are, therefore, supplementary to other college study of a linguistic, literary, archaeological or artistic nature. Lectures are supplemented by reading of a varied character with little use of summary texts. To develop the student's initiative and independence of judgment, emphasis is put, after the first year, on the preparation of reports and upon the discussion of subjects studied.

For students who have shown marked ability in the first two years of their historical study provision is made for honours work. At the end of the senior year a general examination in history is offered and the satisfactory passing of this examination will entitle the student to receive her degree with Distinction in History.

Allied Subjects:

Economics and Politics
English
French
German
History of Art
Philosophy

FIRST YEAR

Credit: One unit

Mediaeval and Modern Europe: Dr. Gray, Dr. David, Dr. Manning and Dr. Robbins.

Major Course

This course is designed not to give a summary view of European history but to select and enlarge upon such aspects of it as are essential to the understanding of the modern world. In consequence, more attention is devoted to the period beginning with the French Revolution than to the preceding centuries. Among the topics considered during the first semester are the ideal of a united Christendom as embodied in the Holy Roman Empire and the Catholic Church, the causes and effects of the Crusades, the rise of national states, the Reformation and the Counter Reformation, the maintenance of a European balance of power, the progress of colonization, the rise of Prussia and of Russia. During the second semester the political and social transformation of Europe which was initiated by the French Revolution is studied. The outcome of the Revolution, the career of Napoleon, the absolutist reaction of the early Nineteenth Century, the successive revolts against this, the formation of modern constitutional governments, the creation of the German Empire and the Kingdom of Italy, the extension of European influence to Asia and Africa, the causes and progress of the World War and the treatment of social problems of today are among the topics considered. The instruction is given by means of lectures, required reading and discussion.

SECOND YEAR

The second year work in history is arranged in semester courses and the credit for each is one-half unit. The student majoring in history must select as a minimum four of these semester courses and for them she will receive two units of credit.

1st Semester.

History of the Renaissance: Dr. Gray.

Credit: One-half unit.

An endeavor is made to indicate in what ways mediæval life and thought were transformed into those of modern Europe. Political, economic, literary, artistic and scientific

changes, therefore, are studied. Since Italians were prominent in the new movements, most attention is given to Italian history, but the innovations of the North, especially those connected with the new Burgundian State, are not neglected. The period extends in a general way from 1250 to 1527.

History of England to 1485: Dr. David.

Credit: One-half unit.

This course deals with English history in all its more important aspects from earliest times to the establishment of the Tudor monarchy. The following topics are among those considered: the civilization and institutions of the Anglo-Saxon period, the Norman Conquest and the development of the Anglo-Norman empire, the feudal régime and the national state, English relations with the church, Magna Carta, the origin and growth of Parliament, the rise of the towns and commerce, the Hundred Years' War and the Wars of the Roses, the social, economic and religious aspects of the fourteenth and fifteenth centuries.

Continental History from the Sixteenth to the Eighteenth Centuries:

Dr. Robbins.

Credit: One-half unit.

This period provides opportunity for study of selected topics on the history of European institutions and cultural development in the Baroque Age. The influence of scientific discovery on thought and its relation to the religious, educational and economic controversies of the period: the part played by the Jesuits in contemporary politics: the growth of Spain and France: the decline of the Empire and the rise of Prussia: the spread of French culture in Germany: Italian society and politics during the "stagnant years": the reign of Solymán in Turkey: the duel of Russia under Peter and Catharine II with the Ottomans will be amongst the subjects read about and discussed in class.

As far as possible the course will supplement the narrative given in the first year history course and diplomatic history will, to a large extent, be omitted except in so far as it is necessary to explain changes in government, etc.

American History to 1789: Dr. W. R. Smith.

Credit: One-half unit.

This course deals primarily with the English colonization of America, but some attention is also paid to the early history of Spanish, Portuguese, Dutch and French imperial expansion. The latter part of the semester is devoted to the American Revolution and the period of transition from 1783 to 1789.

2nd Semester.

Mediæval Civilization: Dr. David.

Credit: One-half unit.

Building upon the brief treatment of the first year course, this course is designed to give a broader and deeper knowledge of the Middle Ages through a study of selected topics, among which the following may be mentioned: the transformation of ancient culture and of Christianity in their transition from antiquity to the early Middle Ages, the effects of the Germanic invasions, the political, economic and social changes of the ninth and tenth centuries, the Carolingian revival of learning, Byzantine and Moslem civilizations and their influence upon the culture of western Europe, the Vikings and the Sagas, the revival of commerce and the rise of cities, the culmination of mediæval civilization in the twelfth and thirteenth centuries.

History of England since 1485: Dr. Robbins.

Credit: One-half unit.

Attention is given to the rise and character of Tudor and Stuart absolutism, parliamentary and local government, dynastic ambitions, foreign trade, the prosperity of the towns and the yeomen, the progress of the Reformation and the complications of affairs arising from religious changes.

British Imperialism: Dr. W. R. Smith.

Credit: One-half unit.

This course deals with the external history of the English people: the sea-rovers of the Sixteenth Century; the beginnings of American colonization; the contrast between the old colonial system and the new; the history of Canada, Australasia, South Africa, India, Egypt and other colonies and dependencies; the new imperialism of Beaconsfield and Chamberlain; the present position of England as a world power.

History of the United States since 1789: Dr. W. R. Smith.*Credit: One-half unit.*

The aim of this course is to present the historical background necessary to enable students to discuss intelligently the more important social, industrial, political and diplomatic problems of the present day. The chief emphasis is placed upon the period since 1850.

The French Revolution and Napoleon: Dr. David. Credit: One-half unit.*(Not given in 1932-33)*

This course treats of the history of France and of Europe from 1789 to 1815. Attention is paid to the broad background of the eighteenth century out of which the French Revolution developed, to the course of the Revolution itself and to the political, economic and social transformation of France and of Europe which resulted from it, to the rise of the military dictatorship under Napoleon and to the course of his long struggle with a hostile Europe, to the influence of Napoleon upon the institutions of France and of Europe and finally to the situation created by his overthrow.

ADVANCED UNDERGRADUATE COURSES

The advanced course is designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect this course.

*Advanced Courses**1st Semester.***The United States since 1898: Dr. Smith. Credit: One-half unit.**

This course deals mainly with the imperial problems that followed the Spanish-American War, the expansion of American influence in the Caribbean and in the Pacific and the growth of the United States as a world power.

English History in the Nineteenth Century: Dr. Robbins.*Credit: One-half unit.*

This course is planned as one in English domestic history from the ministries of the younger Pitt to the death of Edward VII. Reading will be assigned mainly from the excellent biographical material available and from the memoirs of the period. Amongst topics studied will be: the careers of Pitt, Wellington, Peel, Palmerston, Prince Albert, Gladstone, Manning, Disraeli and Joe Chamberlain; the cause of Parliamentary reform, Francis Place and the Suffragette movement; the Darwinian theories, the Oxford Movement and the reform of educational institutions; England's activity in Africa and Arabia, her relations with European powers and alliances; the connection between history and English literature during the period as shown by the political activities and literary figures. A short paper will be expected from each member of the class but most attention will be given to reading and class discussion. Each member of the class will, as far as possible, have opportunity to study that aspect of the period most interesting to herself.

*2nd Semester.***Europe since 1870: Dr. Gray. Credit: One-half unit.***(Given in 1932-33)*

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbours, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles and the fortunes of old and new states in post-war Europe are among the subjects studied. A reading knowledge of French is required. In 1932-33 this course will be given in the second semester and will cover the period after 1910.

*Free
Elective
Course*

FREE ELECTIVE COURSE

Civilization of the Ancient World: Dr. Broughton.

*Credit: One unit.**(Given in 1932-33)*

Special attention is paid to Greece and Rome; but consideration is also given to the subject of pre-history, to the early civilizations of western Asia, Egypt and the Ægean region and to the influence of environment, race and culture upon human development. The course is planned to cover the period from earliest times to the Fourth Century A. D.

(This course may be taken as a free elective and if elected must be continued throughout the year.)

HONOURS WORK

Honours

Honours Work: Dr. Gray, Dr. W. R. Smith, Dr. David and Dr. Robbins.

Credit: One unit.

Students admitted to this work meet the instructor each week for the discussion of various topics in the general field of history. These are selected to coordinate their knowledge and to prepare them for the general honours examination to be taken at the end of their senior year. Each student also in each semester undertakes for herself independent historical investigation of a single topic under the immediate direction of the instructor.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

History of Art

PROFESSOR:

GEORGIANA GODDARD KING, M.A.

ASSOCIATE:

EDWARD S. KING, M.F.A.

INSTRUCTOR:

ELIZABETH H. NORTON, M.A.

DEMONSTRATOR:

HENRIETTA HUFF, A.B.

The undergraduate instruction offered in this department covers nine units. It includes three and one-half units of undergraduate first and second year work and two and one-half units of advanced undergraduate work open to graduate students and to undergraduates who have completed the major course in history of art. Honours work is offered by the department. Courses begun in the first semester must be continued in the second semester.

All the courses are illustrated with lantern slides, a large collection of photographs is used in the course of study and the photographs are available for review and comparison.

The Art Club, a student organization, carried on under the auspices of the department, offers an extra-curriculum course in drawing and painting on Saturday mornings. The students work individually also during the week.

Allied Subjects:

Classical Archæology
English
French
German
History

FIRST YEAR

Credit: One unit

Italian Painting of the Renaissance from the Middle of the Thirteenth to the Middle of the Sixteenth Century: Miss King.

Major Course

During the first semester the Italian primitives are studied, chiefly in the schools of Florence, Siena and Umbria; during the second semester the painters of the High Renaissance, with special attention to those of Venice and the north of Italy, ending with an introduction to Baroque. The course is illustrated with photographs and lantern slides.

SECOND YEAR

Credit: Two units

Painting since the Renaissance.

Credit: One unit.

1st Semester: Miss Norton.

Northern painting. The Flemish primitives and the great masters of Spain and the Low Countries in the Seventeenth Century are studied carefully; some acquaintance with the French and German primitives and with the art of the Eighteenth Century in France and England is also comprehended in the plan.

2nd Semester: Miss King.

Modern Painting. The course deals with the history of painting since 1780 and comes down to the present year. Students are expected to make trips to Philadelphia and the neighbourhood to study pictures as often as may seem necessary.

Mediæval Architecture: Mr. King.

*Credit: One unit.**(Given throughout the year)*

During the first semester the various aspects of Early Christian architecture in the West, in Syria and Asia Minor, the rise of the Byzantine and the evolution of Romanesque architecture in France, Italy, Germany and Spain are studied.

The second semester, continuing the work of the first, carries the subject of mediæval architecture to its conclusions. The goal is principally French Gothic of the Thirteenth Century but the development in England is given relatively ample inquiry: those of Germany, Italy and Spain somewhat less. The course terminates with Flamboyant and the end of the middle ages.

Throughout the course the allied arts, such as mosaic, sculpture and stained glass, are studied in some detail. While concerned primarily with architecture the course affords an introduction to the study of mediæval art generally. Drawings, notebooks or reports are required.

ADVANCED UNDERGRADUATE COURSES

Spanish Primitives: Miss King.

*Credit: One unit.**Advanced Courses**(Given in 1932-33)*

The work begins with a consideration of the Mozarabic and proto-Mudéjar manuscripts and is occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting are taken into account and the study stops arbitrarily at 1500.

Spanish Architecture: Miss King.

*Credit: One unit.**(Not given in 1932-33)*

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic churches have been considered, the greater part of the work is devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

Renaissance Sculpture: Miss King.

Credit: One unit.

(Given in 1933-34)

The first semester is devoted to the sculpture of the Italian Renaissance, the second partly to Northern art and in especial to figure sculpture in France and Spain from the finishing of the cathedrals to the close of the Renaissance. The great sculptors of Germany are studied carefully in between. The course is illustrated with photographs and lantern slides.

Renaissance, Baroque and Modern Architecture: Mr. King.

Credit: One unit.

(Given in 1932-33)

While this course offers a general investigation of European and American architecture, beginning with the Renaissance and continuing to the present, the main issues are examined in considerable detail. The principles and development of design are made the integrating features of the survey, whose object is to indicate the essential relations between the nature of the age and its architecture. Sculpture and painting are constantly referred to in the interests of interpretation. Drawings or reports are required.

Oriental Art: Mr. King.

Credit: One unit.

(Not given in 1932-33)

The main object of the course is an interpretation, by means of a careful consideration of the more important historical, esthetic and cultural issues involved, of the principal arts of China, India and Japan. While the treatment is more or less topical the historical sequence of the national arts is adhered to. Chinese painting receives the fullest attention. Chinese sculpture, Japanese sculpture and painting are investigated in considerable detail. The arts of Central and South-Eastern Asia are studied comprehensively. Consideration is given to the demands of students with special interests and qualifications.

FREE ELECTIVE COURSES

*Free
Elective
Courses*

Art of the Far East: Mr. King.

Credit: One-half unit.

(Given in each year)

A general introduction to the history of art in Asia from the earliest times. The painting, sculpture and architecture of China, India and Japan constitute the main burden of the course. Special problems, such as the interrelations between the arts of the Oriental nations and the esthetic differences between the East and West are considered.

Students majoring in history of art are expected to elect this course before being admitted to advanced work.

History of Prints: Miss Norton.

Credit: One-half unit.

(Given in 1932-33)

The course begins with the earliest German block-prints of the first half of the fifteenth century and traces the history of wood-cuts, engravings and etchings through the work of the great masters at the close of the nineteenth century. Lithography, mezzotint and other allied processes are considered briefly.

HONOURS WORK

Honours

Special work is offered to students recommended by the department for honours in history of art, either in Oriental Art, in Mediæval Archæology, or in Renaissance and Modern Art. It involves a scheme of reading and individual conferences and includes the preparation of reports and special examinations.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Italian

ASSOCIATE PROFESSOR: ANGELINE HELEN LOGRASSO, Ph.D.
 INSTRUCTOR: EMILY KATHARINE TILTON, M.A.

The undergraduate instruction offered in this department includes two and one-half units of undergraduate first and second year work; one unit of free elective work and one and one-half units of advanced undergraduate work.

An advanced standing examination in Italian, that is, an examination in translation and composition taken without attendance on the college classes, may be taken by students in the first three weeks after entering college. Depending on the result of this examination credit will be given for all or part of the first or second year Italian courses. Credit thus received may not be counted as part of the major course if Italian is elected as a major subject; more advanced courses in Italian chosen with the approval of the Department of Italian must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Italian as a major subject.

Allied Subjects:

History
 History of Art
 Any language

FIRST YEAR

Credit: One unit

1st Semester.

Italian Grammar and Composition with reading in Italian Authors of the Nineteenth Century: Miss Tilton.

*Major
 Course*

2nd Semester.

A survey of Italian Literature of the Nineteenth Century: Miss Tilton.

Lectures and class reading in Nineteenth Century Italian authors, accompanied by collateral reading.

Reading of modern Italian prose and practical exercises in Italian composition: Miss Tilton.

SECOND YEAR

Credit: One and one-half units

Reading of Classics in Italian Literature, accompanied by a survey of Italian Literary History: Dr. Lograsso.

Credit: One unit.

Intermediate Italian Composition: Dr. Lograsso. *Credit: One-half unit.*

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary and undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the unit course before entering the seminary.

*Advanced
 Courses*

Dante: Dr. Lograsso. *Credit: One unit.*

(Given in each year)

All of the *Vita Nuova* and the *Divine Comedy* will be read and discussed. Attention will be given also to Dante's other works in Italian and in Latin.

Advanced Italian Composition: Dr. Lograsso. *Credit: One-half unit.*
(Given in each year)

The Italian Literature of the Rinascimento: Dr. Lograsso. *Credit: One unit.*
(Not given in 1932-33)

**Free
Elective
Course**

FREE ELECTIVE COURSE

The Italian Literature of the Nineteenth Century: Dr. Lograsso. *Credit: One unit.*
(Given in each year)

Only those students will be admitted who have completed the course in general English Literature and have a wider knowledge of Italian than is acquired in the first year course.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Latin

PROFESSOR: LILY ROSS TAYLOR, Ph.D.
 ASSOCIATE PROFESSOR: THOMAS ROBERT SHANNON BROUGHTON, Ph.D.
 INSTRUCTORS: RUTH FAIRMAN, M.A.
 BERTHE-MARIE MARTI, M.A.

The undergraduate instruction offered in this department includes one unit of first year work; two units of second year work and two unit courses in advanced undergraduate work, given in alternate years. For qualified students the instruction also includes special work for honours.

Allied Subjects:

Ancient History
 Biblical Literature
 Classical Archæology
 Greek
 Any modern language or literature

**Major
Course**

FIRST YEAR
Credit: One unit
 Latin Literature.
1st Semester: Dr. Broughton, Miss Fairman, Miss Marti.
2nd Semester: Dr. Taylor, Miss Fairman, Miss Marti.

A study of Latin Literature of the Republic and of the Augustan Age, with a consideration of its relation to Greek Literature and its influence on modern literature. The reading includes Plautus's *Mostellaria*, a play of Terence, selections from: Cicero's letters, the shorter poems of Catullus, Livy's first decade, Horace's Odes and Epodes and Vergil's Eclogues and Georgics. In addition to the regular meetings of the class, the students have frequent meetings in conferences. In the second semester selections from mediaeval Latin are read in the conferences and assigned for private reading.

SECOND YEAR
Credit: Two units

Students offering a major in Latin must take the unit course and one of the half-unit courses. The course in Latin Prose Style is required of all candidates for Honours in Latin.

The Development of Latin Literature.*Credit: One unit.**1st Semester: Dr. Taylor.**2nd Semester: Dr. Broughton.*

The history of Latin Literature from its earliest beginnings to the time of Marcus Aurelius. The course is conducted by lectures, reading, chiefly in the original and reports. In the first semester the literature of the Republic and of the Augustan Age is studied with special emphasis upon the material not covered in the first year course. In the second semester the literature of the Silver Age is the subject of the course.

Latin Prose Style: Miss Fairman.*Credit: One-half unit.*

Weekly exercises in the writing of Latin prose combined with the reading of Cicero, Cæsar and Livy and the study of their style.

Mediæval Latin Literature: Miss Marti.*Credit: One-half unit.*

A study of mediæval Latin Literature from the fourth to the fourteenth century. The reading is supplemented by lectures on the influence of classical culture on the Middle Ages and on the influence of Mediæval Latin Literature on early English and French Literature.

ADVANCED UNDERGRADUATE COURSES***Advanced Courses****(Given in 1932-33)**1st Semester.***Cæsar and Cicero: Dr. Broughton.***Credit: One-half unit.*

Extensive selections from Cicero's Orations and Letters and from Cæsar's Commentaries will be read. The chief emphasis will be upon the social and political history of the period.

*2nd Semester.***Literature of the Empire: Dr. Taylor.***Credit: One-half unit.*

The reading will be from Seneca, Petronius, Martial, Pliny and Juvenal. The chief emphasis will be upon the social life of the Empire.

*(Given in 1933-34)**1st Semester.***Lucretius and Cicero: Dr. Taylor.***Credit: One-half unit.*

The *De Rerum Natura* of Lucretius and selections from Cicero's philosophical works will be read. The work will include a study of the chief schools of philosophy in the period with special emphasis upon Epicureanism.

*2nd Semester.***Vergil's Æneid: Dr. Broughton.***Credit: One-half unit.*

The poem will be studied as a whole, with consideration of its language, its structure and its place in the history of the epic.

HONOURS WORK***Honours***

The department offers in each year work for honours which may be taken by seniors who have completed with distinction the major course including the course in Latin prose style. In general it is also desirable for the student to have completed one unit of advanced undergraduate work before entering upon the work for honours. The work will be adapted, as far as possible, to the needs of the individual student. At the conclusion of the work a general examination will be given on the reading and writing of Latin and on the work of the year in relation to the student's previous training in Latin.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Mathematics

PROFESSOR:	ANNA PELL-WHEELER, Ph.D.
ASSOCIATES:	MARGUERITE LEHR, Ph.D.
	GUSTAV A. HEDLUND, Ph.D.
	WILLIAM WELCH FLEXNER, Ph.D.

The undergraduate instruction offered in this department includes seven units, two and one-half units of undergraduate first and second year work and four units of advanced courses open only to graduates and to undergraduates who have completed the major course in mathematics.

In the second year course the students are able to gain a fair knowledge of the principal subjects belonging to the department of pure mathematics. The points of contact of mathematics with other sciences are indicated as far as possible throughout the course.

Allied Subjects:

Chemistry
Philosophy
Physics

FIRST YEAR

Credit: One unit

Introduction to Analytic Geometry and Calculus: Dr. Lehr and Dr. Flexner.

Trigonometry is included in the first semester's work.

Major Course

SECOND YEAR

Credit: One and one-half units

Differential and Integral Calculus: Dr. Hedlund. *Credit: One unit.*

Algebra and Analytic Geometry: Dr. Lehr. *Credit: One-half unit.*

Advanced Courses

ADVANCED UNDERGRADUATE COURSES

The advanced courses in mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students and a reading knowledge of French and German is presupposed.

The advanced courses given are selected from the following, with occasional modifications:

Advanced Calculus: Dr. Flexner. *Credit: One unit.*

Advanced Geometry: Dr. Lehr. *Credit: One unit.*

Differential Equations and Mechanics: Dr. Hedlund. *Credit: One unit.*

The first semester deals with Differential Equations and the second semester with Mechanics. Semesters may be elected separately, each with a credit of one-half unit.

Theory of Functions of a Real Variable: Dr. Pell-Wheeler.

Credit: One unit.

(Given in 1932-33)

This course is open to students who have had three and one-half units of mathematics.

HONOURS WORK

Honours work is offered in this department to qualified students.

Honours

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Music

PROFESSOR:

HORACE ALWYNE, F.R.M.C.M.

ASSOCIATE:

ERNEST WILLOUGHBY, A.R.C.M.

The undergraduate instruction offered in theoretical music covers four and one-half units. Courses begun in the first semester must be continued in the second semester.

The objects of the undergraduate course in music are to permit students to make music an integral part of a liberal education and to enable them, through the courses in Harmony and Counterpoint, to gain a knowledge of the technique of composition by actual experience in using its materials and, through the courses in History and Appreciation of Music, to realize the significance of great music æsthetically, historically and sociologically. In the latter courses a large number of compositions drawn from all forms of music are performed and discussed in the classes.

The Department of Music usually gives a series of concerts and recitals assisted by well-known artists, which is designed to supplement and amplify the work done in the Courses in History and Appreciation of Music. A lecture is given each week outside college hours and open to all members of the College on the programme to be performed by the Philadelphia Orchestra or by other important musical organizations or artists.

The chapel choir of fifty members and the college glee club are organized under the direction of the Department of Music.

FREE ELECTIVE COURSES

History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Credit: One unit.

(Given in each year)

This course consists of the study of the History of Music up to and including Beethoven and of the masterpieces of music produced during that period. Characteristic examples of Early Church Music, in the form of Plain Chant, Organum, Discant, etc. and of Sixteenth Century vocal polyphony, Reformation Chorales and Bach choral works are illustrated by the College Choir in class. Compositions of the following composers are performed in class: Monteverdi, Corelli, Scarlatti, Rameau, Couperin, Bach, Handel, Haydn, Mozart and Beethoven. The forms included are folk-song, motet, madrigal, fantasia, toccata, early dance-forms, fugue, suite, rondo, variations, sonata and symphony. All study and analysis is based on the actual hearing of the music itself. The instruction is given by means of lectures, required reading, discussion and by analysis by the students in class. At occasional meetings of the class, members of the Faculty of the Departments of History, Classical Archæology, History of Art and English discuss social, artistic and literary movements which were of special importance in the history of the evolution of music.

*Free
Elective
Courses*

Advanced History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby. *Credit: One unit*

(Given in each year)

The course in History and Appreciation of Music is required for admission.

The course consists of the study of the history of music from Schubert to the present day and of the musical masterpieces produced during that period. The instruction follows the same plan as in the preceding course.

Third Year History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby. *Credit: One-half unit.*

(Given in each year)

Requirements for admission: the two courses in History and Appreciation of Music.

This course consists of two special courses of one semester each in some particular period or aspect of Music. The subjects are Bach and Wagner, or Symphonic Music and Modern Music. These subjects are dealt with in a more detailed and amplified way than is possible in the two foregoing courses in History and Appreciation of Music. The instruction follows the same plan as in the preceding courses.

Elementary Harmony: Mr. Willoughby. *Credit: One-half unit.*

(Given in each year)

Requirements for admission: knowledge of intervals, scales and keys, ability to sing simple melodies at sight.

This course is the beginning of composition. It does not impose upon the student the mere copying of a model but gives her some intellectual and æsthetic liberty.

Melodic movement and harmonic progression are studied concurrently. The student learns to write simple melodies based on poetic meters and the addition of a second melody to one already given with ornamentation by means of passing notes, neighbouring notes, etc. When some facility in horizontal writing has been obtained melodies are harmonized in four parts using major and minor triads in root positions and their inversions.

The importance of the student being able to hear what she writes is stressed by means of progressive ear training and musical dictation.

Advanced Harmony: Mr. Willoughby. *Credit: One-half unit.*

(Given in each year)

Requirements for admission: the course in Elementary Harmony; or the student must satisfy the instructor that she is qualified to enter.

This course is the continuation of the course in Elementary Harmony from the Chord of the Dominant Seventh and carries the student through modern harmonic relations. Original melodies are written and harmonized in both close and open score and the use of C clefs is studied when writing for strings. Modern compositions are analyzed. This course gives an opportunity for freedom of expression and calls for more original work on the part of the student.

Elementary Counterpoint: Mr. Willoughby. *Credit: One-half unit.*

(Given in each year)

Requirements for admission: the two courses in Harmony; or the student must satisfy the examiner that she is qualified to enter.

This course deals with the various modes of counterpoint to which the courses in Harmony have led in so far as it has been possible to bring about "horizontal" writings in those courses. This course consists of Strict Counterpoint in two parts up to and including Fifth Species and three-part Strict Counterpoint up to and including Third Species.

Advanced Counterpoint: Mr. Willoughby. *Credit: One-half unit.*

(Given in each year)

Requirements for admission: the three preceding courses in Harmony and Counterpoint; or the student must satisfy the instructor that she is qualified to enter.

This course is a continuation of Elementary Counterpoint and carries the student through to Strict and Combined Counterpoint in three and four parts, later dealing with the stated contrapuntal forms. The course requires some originality on the part of the student and some facility in pianoforte playing.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Philosophy

PROFESSOR:	GRACE ANDRUS DE LAGUNA, Ph.D.
ASSOCIATES:	PAUL WEISS, Ph.D. MILTON CHARLES NAHM, B.Litt.
READER:	MAUDE FRAME, A.B.

The undergraduate instruction offered in this department includes a first year unit course, which is required for the degree, second year unit and half-unit courses, advanced unit and half-unit courses and honours work, which may be taken in conjunction with advanced courses by qualified students.

Allied Subjects:

Biology
Economics and Politics
English
Greek
History
Mathematics
Physics
Psychology
Certain courses in Biblical Literature and Social Economy

FIRST YEAR

Credit: One unit

History of Philosophic Thought: Dr. de Laguna, Dr. Weiss and Mr. Nahm. *Required Course*

This course will not attempt to cover the entire history of philosophy. Certain important periods will be selected each semester for special study. In the first semester there will be lectures and readings on Greek philosophy and its relations to the social and scientific developments of the time. Special attention will be paid to Plato and Aristotle and the students will read and discuss selections from their writings. In the second semester, after a brief survey of the intervening periods of the Middle Ages and the Renaissance, the philosophy of the Seventeenth and Eighteenth centuries will be selected for special study. Students will read and discuss selections from such thinkers as Descartes, Spinoza, Locke and Berkeley. In the latter part of the semester some of the more characteristic movements of Nineteenth century thought will be treated more briefly.

SECOND YEAR

Credit: One and one-half units

Any of these courses may be taken as free electives by students who have completed the first year required course. *Major Course*

Logic: Dr. Weiss.

(Given throughout the year)

Credit: One-half unit.

The first part of the course will be devoted to Aristotelian and modern symbolic logic. In the latter part, the nature of scientific method will be studied, with particular attention to the presuppositions of mathematics, physics, biology, psychology, history and the social sciences. No special knowledge in these subjects is presupposed.

1st Semester.

Elementary Ethics: Mr. Nahm.

Credit: One-half unit.

Considerable attention is paid to a study of the morality of primitive peoples and the relations of group morality to the principles of historical ethical systems. The theory and problems of various types of ethics—such as hedonism, idealism, utilitarianism, etc.—are examined and compared.

2nd Semester.

Philosophical Problems: Dr. de Laguna.

Credit: One-half unit.

Philosophical Problems is primarily a discussion course. Types of philosophical theory are studied and discussed and the student is introduced to some of the main issues of contemporary thought.

Advanced Courses

ADVANCED UNDERGRADUATE COURSES

Credit: One and one-half units

These advanced courses are, in general, open only to students who have taken one unit of second year work. Exceptions are made only in the case of students whose advanced work in other departments has especially prepared them for either the Aesthetics or the German Idealism.

Elementary Aesthetics: Mr. Nahm.

*Credit: One-half unit.**(Given throughout the year)*

The problem of the origin of art is approached by use of museum material and anthropological data. After this introduction an examination is made of the nature of the aesthetic response and a study of aesthetic types, such as the comic, the tragic, the sublime and the characteristic. The conclusion of the course will involve a close study of the aesthetics of painting, sculpture and poetry. If this course is elected in the first semester it must be continued in the second.

1st Semester.

German Idealism: Dr. de Laguna.

Credit: One-half unit.

About half of the course is devoted to the study of Kant. The systems of the post-Kantian idealists are treated more briefly.

2nd Semester.

Recent Philosophical Tendencies: Dr. Weiss.

Credit: One-half unit.

This course will deal in detail with the philosophies of Bradley, Bergson, Peirce, Dewey and Whitehead.

HONOURS WORK

Honours

Honours work may be taken either in conjunction with the advanced courses or after their completion. It consists of independent private reading with frequent written reports and conferences with the instructor. The subjects chosen are not confined to the technical aspects of philosophy but on the contrary, emphasize its connection with general literature, history and politics, or with some special science in which the student is working.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Physics

ASSOCIATES:

JANE MARY DEWEY, Ph.D.

WALTER C. MICHELS, Ph.D.

INSTRUCTOR:

SUE AVIS BLAKE, M.A.

DEMONSTRATOR:

Appointment to be announced later.

The undergraduate instruction offered in this department includes at least three and one-half units, two and one-half units of undergraduate first and second year work and at least one unit of advanced work, open only to graduates and to undergraduates who have completed the major courses in physics.

The first year of the major course deals principally with the development of physical facts and is accordingly mainly experimental and descriptive in its nature. A wide range of physical phenomena and the elements of physical theories are treated. The course is planned to cover the whole subject from this point of view so as to give those who do not intend to pursue physics further, such a knowledge of its principles as will enable them to follow its recent development and applications and also to provide those electing physics as a major with a good foundation for more advanced work. In the second year the course is intended to serve as an introduction to the theories to which experimental evidence has led. The treatment is accordingly more mathematical than in the first year, but the experimental side of the subject is still emphasized. A knowledge of trigonometry is required and some familiarity with the methods of the calculus will be of assistance. Students are advised to take second year mathematics as a parallel course.

Allied Subjects:

Chemistry

Mathematics

FIRST YEAR

*Credit: One unit**1st Semester.*

Mechanics, Heat, Sound and Properties of Matter: Dr. Michels.

Laboratory Work: Dr. Michels and Miss Blake.

2nd Semester.

Electricity, Magnetism and Light: Dr. Dewey.

Laboratory Work: Dr. Dewey and Miss Blake.

The instruction in this course is given by means of lectures, oral quizzes, occasional written quizzes, regular problem papers and required private reading. The lectures are illustrated throughout by means of the lantern, by demonstrations on the lecture table and by the exhibition of apparatus, etc.

In the laboratory, the students are first instructed in the methods of accurate measurement of the simple quantities, length, time and mass; later, they make a series of determinations, mainly quantitative, on the part of the subject under discussion in the lecture room at the time. A system of laboratory lectures has also been developed to supplement the class-room work, to point out sources of error and their treatment, to demonstrate methods of manipulation and, in general, to give directions for working which are applicable to the class as a whole; they are given at the beginning of each week's laboratory work. The object of the work is to familiarize the students with the instruments and methods used in physical measurements, with special reference to the quantitative laws upon which the science is based. The laboratory is equipped with this object in view and the apparatus is all of the most modern design.

*Major
Course*

SECOND YEAR

*Credit: One and one-half units**1st Semester.*

Theoretical Mechanics, Theory of Light: Dr. Dewey.

Laboratory Work: Dr. Dewey and Miss Blake.

2nd Semester.

Theory of Heat, Theory of Electricity and Magnetism: Dr. Michels.

Laboratory Work: Dr. Michels and Miss Blake.

The instruction is given by lectures, supplemented by the discussion of problem papers. The laboratory work of the second year is designed to follow and illustrate the subject-methods of physical investigation. A special study is made of the sources and amounts of the errors involved in the different operations.

Advanced Courses

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses. The equivalent of second year mathematics, differential and integral calculus, is required. The lectures deal not only with the theoretical development of the subject, but great stress is laid on the important experimental work which has been done in it and methods and results are criticised and opportunities for further investigations pointed out. The object of the courses is to prepare students to undertake independent work. The laboratory work is planned with this object in view and is arranged to meet the special needs of each individual student.

A selection from the following courses is offered.

Electricity and Magnetism: Dr. Michels.

Credit: One or one and one-half units.

The work of this course includes classroom discussions, assigned reading and the solution of a considerable number of typical problems.

Laboratory work is required and is assigned according to the needs of individual students. It may consist of general electrical measurements; or of a more detailed experimental study of special problems. This course was given in 1931-32.

Mechanics: Dr. Michels.

Credit: One or one and one-half units.

This course has been given as an amplification and extension of a treatment of the subject equivalent to that given in the course in second year physics. The mathematical requirements are those needed for other advanced courses given by the department. An essential feature of the work is the solution and discussion of a large number of problems. This course was given in 1930-31.

Geometrical and Physical Optics: Dr. Dewey.

Credit: One or one and one-half units.

Introduction to Theoretical Physics: Dr. Dewey.

Credit: One and one-half units.

This course is intended for students who have completed one advanced course. The laboratory work will be arranged to cover the branches of physics not previously covered.

Spectroscopy and Atomic Theory: Dr. Dewey.

Credit: One or one and one-half units.

FREE ELECTIVE COURSES

Physical Basis of Music: Dr. Michels.

In the lectures of this course it is planned to present some of the physical principles. illustrated in the construction of musical instruments and underlying the general theory of music. Private reading is assigned. This course was given in 1929-30.

Descriptive Astronomy: Dr. Michels.

This course is elementary. Students use a text-book and star-maps and do some general reading on assigned topics. Lecture-experiments and lantern-slides are used. The course is open to juniors and seniors only, but not to auditors or hearers. This course was given in 1928-29.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Psychology

PROFESSORS:

JAMES H. LEUBA, Ph.D.

*AGNES LOW ROGERS, Ph.D.

ASSOCIATE PROFESSOR AND
DIRECTOR OF THE LABORATORY: }

HARRY HELSON, Ph.D.

LECTURER:

LELAH MAE CRABBS, Ph.D.

INSTRUCTOR:

WILLIAM D. TURNER, Ph.D.

The undergraduate instruction offered in this department includes six units, two and one-half units of undergraduate first and second year work, two and one-half units of advanced work and one unit of honours work for students who have distinguished themselves in the regular courses.

Allied Subjects:

Anthropology
Biology
Economics
Mathematics
Philosophy
Physics
Principles of Education
Sociology

FIRST YEAR

Credit: One unit

Introduction to Psychology: Dr. Leuba, Dr. Helson and Dr. Turner.

The course includes lectures, class demonstrations and group conferences.

SECOND YEAR

Credit: Two units

Students offering a Major in Psychology must take the courses in Experimental Psychology, Motivation of Action and Mental Tests and Measurements. They may substitute one of the other advanced courses for the course in Social Psychology.

* Granted leave of absence for the year 1932-33.

1st Semester.

Experimental Psychology: Dr. Helson and Dr. Turner.

Laboratory Work: Dr. Helson and Dr. Turner. *Credit: One-half unit.*

The lectures take up certain topics in systematic psychology. The historical, critical and theoretical features of the subjects covered are discussed and the experimental features demonstrated. Special stress is laid on the comparative study of methods. The laboratory work consists of individual practice in selected topics. This course may be taken as a free elective with a credit of one-half unit by students who have taken the first year course.

The Motivation of Action: Dr. Turner. *Credit: One-half unit.*

The course will include a study of Instincts, Emotions and Volition and will make extensive references to Animal Behavior. This course may be taken as a free elective with a credit of one-half unit by students who have taken the first year course.

2nd Semester.

Mental Tests and Measurements: Dr. Rogers.* *Credit: One-half unit.*

This course provides a foundation for the theory and practice of mental tests and measurements. Demonstrations of the application of tests of general and special abilities will be given.

This course is open to students who have taken the second year course in Experimental Psychology.

Social Psychology: Dr. Leuba. *Credit: One-half unit.*

The course on Social Psychology announced below among the Advanced Courses is open to second year students who have taken the Motivation of Action.

ADVANCED UNDERGRADUATE COURSES

Students majoring in Psychology are to take advanced courses amounting to at least one unit.

Advanced Experimental Psychology: Dr. Helson. *Credit: One unit.*
(Given throughout the year)

This course is intended for students who wish to be trained in research work. It may be taken by students who have taken the second year course in Experimental Psychology. The course is continued in the second semester. The instructor co-operates with the students in the solution of some original problems.

1st Semester.

Abnormal Psychology: Dr. Leuba. *Credit: One-half unit.*

This course is a study of the main forms of mental disorders with clinical demonstrations. The course will include a consideration of Individual Differences, Types of Personality and Mental Hygiene. It may be taken as a free elective by students who have taken the Motivation of Action; Experimental Psychology is not a prerequisite.

2nd Semester.

Social Psychology: Dr. Leuba. *Credit: One-half unit.*

A study of Group Life and of some Social Institutions. It may be taken as a free elective by students who have taken the Motivation of Action; Experimental Psychology is not a prerequisite.

Psychological Theory: A systematic survey of the main types of psychological theory: Dr. Helson. *Credit: One-half unit.*

The concepts underlying the various approaches to the problems of psychology will be examined with special reference to the history of psychology. This course is intended for students who wish a survey of the various fields of psychology in the light of recent developments. Two units of psychology are prerequisite.

* Granted leave of absence for the year 1932-33. This course will be given by Dr. Crabbs.

HONOURS WORK

Honours

Honours work is offered by this department to qualified students.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

PROFESSORS:	SUSAN MYRA KINGSBURY, Ph.D. HORNELL HART, Ph.D.
ASSOCIATE:	MILDRED FAIRCHILD, Ph.D.
LECTURER:	ALMENA DAWLEY, M.A.
SPECIAL NON-RESIDENT LECTURERS:	EVA WHITING WHITE, A.B. ALICE HAMILTON, M.D.

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The undergraduate instruction offered in this department covers three and one-half units of free electives.

FREE ELECTIVE COURSES

Elements of Statistics: Dr. Kingsbury.

Credit: One-half unit.

(Given in each year)

This course deals with the elementary principles of statistics. Among the topics are the array, frequency distributions, graphic methods, averages, measures of variation, theory of sampling, index numbers, seasonal and long time trends, theory of probability and linear correlation. It also acquaints the student with the principles and methods of record keeping and filing which are applicable to municipal, state and federal offices, to business organizations and to social organizations.

The course is recommended to students of social economy, of economics, of psychology and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Applied Sociology: Dr. Hart.

Credit: One-half unit.

(Given in each year)

Relationships between personalities, the causes of social conflicts and the methods whereby maximum stimulation, release, facilitation and integration of the purposes and possibilities of all members of society may be attained, constitute the problems of the course. Specific applications to social relations in the family, in industry, between races and the like, are worked out. By means of laboratory experiments and objective observation of social phenomena, outstanding sociological theories are tested by attempting to apply them to concrete data. A course in some social science is prerequisite for this course.

*Free
Elective
Courses*

Social Anthropology: Dr. Hart.*Credit: One unit.**(Given in each year)*

An anthropological approach to the problems of human progress. An objective definition of progress is developed. Data relating to prehistoric, primitive, ancient and modern cultural and racial development, bearing on the amount and the direction of change in human intelligence, technology and social relations, are examined. The desirability of various possible future directions of social change is explored. Methods of innovation in mechanical invention, medicine, science, social work and other fields, are studied in terms of instances, with a view to developing the fundamental principles of the technique and dynamics of social progress. A course in some social science is prerequisite for this course.

Labour Movements: Dr. Fairchild.*Credit: One unit.**(Given in each year)*

The present day problems of labour considered with special reference to the history and growth of the labour movement form the subject matter of this course. A study of the critical episodes in labour's struggle for organization and status, especially in England and the United States, is made in order to understand present tendencies in trade unionism and to appraise efforts for industrial peace. Some of the topics considered are wages, economic security, conditions of work, technological change and social legislation, the use of the strike and lockout, employee representation and cooperative management. An effort is made to analyze the function of trade unionism in the labour movement of this and other countries. The influence of Socialism upon working class organization and the significance of the Soviet Union are considered. In the study of workers' education, special reference is made to the Bryn Mawr Summer School for Women Workers.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses* and in *The Announcement of the Carola Woerishoffer Graduate Department of Social Economy and Social Research*.

Spanish**PROFESSOR:****JOSEPH E. GILLET, Ph.D.**

The instruction offered in this department includes two and one-half units of undergraduate first and second year courses and one and one-half units of advanced undergraduate courses.

An advanced standing examination in Spanish, that is, an examination in translation and composition taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Depending on the result of this examination credit is given for all or a part of the first or second year Spanish courses. Credit thus received may not be counted as part of the major course if Spanish is elected as a major subject; more advanced courses in Spanish chosen with the approval of the Department of Spanish must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Spanish as a major subject.

Allied Subjects:

History
History of Art
Any language

FIRST YEAR

Credit: One unit

Spanish Grammar and Composition; Reading of Modern Spanish Prose:
Dr. Gillet.

*Major
Course*

SECOND YEAR

Credit: One and one-half units

Reading of Classics in Spanish Literature, accompanied by a Survey of
Spanish Literary History from the Seventeenth to the Nineteenth Century:
Dr. Gillet.

Credit: One unit.

Intermediate and Advanced Spanish Composition: Dr. Gillet.

Credit: One-half unit.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between
the ordinary undergraduate studies and graduate work. Graduate students
will usually find it advisable to elect these courses.

*Advanced
Courses*

Lectures on Spanish Literature of the Sixteenth Century and the Golden
Age: Dr. Gillet.

*Credit: One unit.**(Given in each year)*

The course includes collateral reading and reports.

Advanced and Free Spanish Composition: Dr. Gillet.

Credit: One-half unit.

GRADUATE WORK

Graduate work is offered in this department. Further information will
be found in *The Calendar of Graduate Courses*.

Physical Education

DIRECTOR:

JOSEPHINE PETTS

ASSISTANT DIRECTOR:

MARNA V. BRADY, M.A.

INSTRUCTOR:

ETHEL M. GRANT

The Physical Education requirement for Freshmen consists of two hours
a week of some one activity or of rest according to the advice of the College
Physician and the Director of Physical Education based upon the student's
Physical Examination, and one hour a week of Body Mechanics for fifteen
weeks during the winter.

Freshmen

For Sophomores the Physical Education requirement is the same as for
Freshmen except that one hour a week of Hygiene throughout one semester
takes the place of the Body Mechanics course.

Sophomores

Physical Education classes are divided into three sections: Autumn (Oc-
tober first to December first), Winter (December first to April first), Spring
(April first to the end of college). The required work in each section for
two years must be satisfactorily completed for graduation as well as the
Freshman Swimming Test, which consists of:

1. Dive—plain front.
2. Sink and come up twice.
3. Float for two minutes.
4. Swim for twenty minutes, using any stroke, floating and treading water included.

Autumn In the autumn, Freshmen and Sophomores may elect their required work, with the consent of the College Physician and the Director of Physical Education, from the following list: Hockey, Sun Baths, Fencing, Natural Dancing, Archery, Swimming, Tennis.

Winter During the winter, the required work for those students who have not passed the swimming test consists of two periods a week of swimming. The only exceptions to this are made by the College Physician. The students who have passed the swimming test may elect their Physical Education classes from the following list: Swimming, Natural Dancing, Basket Ball, Lacrosse, Fencing, Sun Baths.

Spring The spring program of Physical Education may be chosen from the following list: Lacrosse, Fencing, Tennis, Swimming, Archery.

Upper-classmen It is expected that the Juniors and Seniors, being aware of the value of play in a busy existence, will take advantage of the opportunities offered them at college to learn well some sport that appeals to them for future use as well as for the purpose of keeping fit while they are at collége.

Every provision will be made for the Juniors and Seniors in the way of instruction. All the Freshman and Sophomore required classes in sports are open to them. It is an obviously necessary rule, however, that all upperclassmen taking a required sports course must attend regularly so as not to retard the progress of the class. Special advanced work will be arranged for upperclassmen who are ready for it.

Department of Health

1932-33

PRESIDENT OF THE COLLEGE:	MARION EDWARDS PARK, Ph.D., LL.D.
DEAN OF THE COLLEGE AND HEAD OF THE HEALTH DEPARTMENT:	HELEN TAFT MANNING, Ph.D.
DEAN OF THE GRADUATE SCHOOL:	EUNICE MORGAN SCHENCK, Ph.D.
DIRECTOR OF PHYSICAL EDUCATION:	JOSEPHINE PETTS
PHYSICIANS OF THE COLLEGE:	THOMAS F. BRANSON, M.D. MARJORIE JEFFERIES WAGONER, M.D. KATHERINE MARY PEEK, M.A. RUTH MULFORD COLLINS, M.A. JOSEPHINE McCULLOCH FISHER, Ph.D. ROSAMOND CROSS, A.B. FRIEDRIKA MARGRETHA HEYL, A.B. Appointment to be announced later.
WARDENS:	
SENIOR RESIDENT:	CATHERINE PALMER ROBINSON, M.A.

All entering students are required to file at the office of the Dean of the College a report of a recent medical examination filled out and signed by a physician, on a blank to be secured from the College.

*Health
Certificate*

Every entering student must as well file a physician's certificate stating that she has been vaccinated against smallpox during the year preceding her registration at college and that she exhibited a typical or immune reaction to this vaccination. Students who do not certify to vaccination at entrance will be vaccinated by the College Physician, for which a fee of five dollars will be charged. There is no exception to this rule.

Vaccination

Every student must file a certificate stating that her eyes have been examined by an oculist within six months before entrance and before the beginning of her junior year. Failure to comply with the above rule entails an examination by one of the college consultants in ophthalmology for which the students will be charged as private patients by the ophthalmologist who makes the examination. If glasses are prescribed they must be obtained.

*Oculist
Certificate*

Every undergraduate student and hearer is examined each year by the Resident Physician of the College and twice each year by the Director of Physical Education with reference to physical development, strength of heart and lungs and general health. The Physician-in-Chief of the College acts as consultant and is called in all serious cases.

*Physical
Examination*

Any student who, at the time of the examination or at any other time during the year, is not in good health is placed on the health supervision list, is required to follow the special régime prescribed and her extra-curriculum activities may be limited.

*Health
Supervision*

The Director of Physical Education receives the reports of students under medical treatment, keeps records of the health of all students and

endeavors, by interviews and advice on personal hygiene, to maintain and improve the health of the students. All students are urged by the Health Department to take some out-of-door exercise in addition to their periods of physical training.

*Physicians
and
Nursing*

Eminent specialists practising in Philadelphia have consented to serve as consulting physicians of the college. The Associate Physician is in her office in the college infirmary daily and may be consulted by the students without charge.

Infirmary

The infirmary fee of \$20.00 paid by each resident undergraduate student entitles her to be cared for in the infirmary for four days (not necessarily consecutive) during the year and to attendance by the college physicians during this time and to nursing, provided her illness is not infectious. It also entitles her to the services of the nurses employed by the college during other temporary illness, provided one of the regular nurses is free at the time. In the case of an illness of longer duration and also in the case of all diseases of an infectious character the student must meet or, in case of two or more students with the same infectious disease, must share, the expense of a special nurse. She is responsible also for the infirmary fees which are \$6.00 a day and for hospital or sanitarium charges should she be removed from the college by order of the Physician-in-Chief.

A special nurse for one student costs approximately \$8.30 per day or \$58.10 per week, which includes nurse's fee, board and laundry. When a student has not an infectious disease the infirmary fee of \$6.00 per day will include the nurse's fee provided it is possible for one of the college nurses to care for the student. The fees of the consulting physicians and surgeons and other specialists recommended by the college will be furnished on request.

All communications concerning the health of the students from parents and guardians, outside physicians and others, should be addressed to the Dean of the College, who will excuse students for absence before and after vacations on account of serious illness and from attendance on academic work during the time that they are in the infirmary or seriously ill at home. Any student who becomes ill when away from the college is asked to notify immediately the Dean of the College.

GENERAL INFORMATION

Plans and descriptions of the library and the undergraduate halls of residence, Denbigh, Merion Hall, Rockefeller Hall, Pembroke Hall East, Pembroke Hall West and Wyndham, with full information regarding the charges for rooms, are published as Part 3 of the Bryn Mawr College Calendar and may be obtained, by application, from the Secretary and Registrar of the College. A resident warden is in charge of each hall. Each hall has its separate kitchen and dining-room except Pembroke, which has a common dining-room and kitchen for the two wings and for Wyndham. Students from Wyndham take their meals in Pembroke. Each hall provides a separate room for each of its sixty or seventy students, except Wyndham, which has six double bedrooms and five single rooms and provides accommodation for seventeen students. All rooms are furnished with a bed, bureau, table desk, straight chair, desk chair and bookcase, but students are expected to furnish their own rugs, curtains and towels. All necessary service is supplied by the college. Though there are open fire-places in many studies and single rooms, all rooms are adequately heated by steam heat controlled by a thermostat. Because of the danger of infectious diseases personal laundry may be done only by laundries or laundresses recommended by the college.

*Halls of
Residence*

A deposit of fifteen dollars must be made by each resident student to reserve her room for the following academic year. Normally the deposit will be deducted from the rent of the room. It will be refunded only under the following circumstances:

*Room
Reservation*

(a) If a student of the college gives formal notice of the withdrawal of her reservation to the Secretary and Registrar before May 1 preceding the academic year for which reservation was made.

(b) If a candidate for admission in October gives formal notice of the withdrawal of her application to the Secretary and Registrar before August 1 preceding the academic year for which the application was made.

(c) If a former student who has applied for re-admission in February gives formal notice of the withdrawal of her application to the Secretary and Registrar before January 1 preceding the semester for which the application was made.

Otherwise the deposit will be forfeited to the college.

Every applicant reserving a room after September 1 or failing to withdraw her application by that date, not occupying the room or vacating it during the year, prevents another student from admission to college as a resident. Therefore, unless formal notice of withdrawal of an application for the approaching year is received by the Secretary and Registrar by September 1, the applicant is held responsible for the rent of the room reserved, or in case no definite assignment has been made, for the minimum of two hundred dollars. Room rent is subject to remission or deduction only if the college is able to re-rent the room. The applicant is not permitted to dispose of such vacant rooms.

Withdrawal

Non-Resident Students

Accommodation is made for students living with their families in Philadelphia and vicinity. There is a club-room for non-resident students in Goodhart Hall, a coat room in Taylor Hall and one in the library and non-resident students also have the full use of the large Common Room in Goodhart Hall.

Non-resident students are liable in whole or in part for all undergraduate fees except those for residence in the halls and infirmary fees.

Expenses for Undergraduate Students

Fees for Tuition

Though the average cost of teaching each undergraduate student is estimated at about one thousand dollars, the tuition charge for undergraduate students and for hearers is five hundred dollars a year. The difference between the actual cost and the price of tuition must be met from the small endowment funds of the college and by private gifts. Voluntary contributions from parents able and willing to pay this additional five hundred dollars, in whole or part, will be used for scholarships for students unable to pay the regular tuition fee of five hundred dollars. No reduction of the tuition fee can be made on account of absence, illness, or dismissal, or for any other reason and no refund will be made in case of advance payment.

Fees for Board and Residence

The charge for board at the college is four hundred dollars a year, payable half-yearly in advance. The total fee for board and residence depends upon the room or rooms occupied by the student, the rental being based on the size and location of each room and varying from one hundred dollars to five hundred and fifty dollars. Room rent is payable yearly in advance. About one-fourth of the rooms in the college rent for one hundred dollars, making the cost of board, residence and tuition one thousand dollars; but since assignment of such a room is equivalent to the award of a small scholarship, these rooms will be reserved for students whose applications have been approved by the Director of Scholarships and the Scholarship Committee. Such students must have a good academic record and must fill out a special form of application stating that they are unable to afford rooms at a higher price.

Reduction of Fees on Account of Illness

In case of prolonged illness and absence from college extending over six weeks or withdrawal from the college for a period of six weeks or more, there will be a special proportionate reduction in the charge for board, provided that written notice be given to the Dean of the College and to the Comptroller at the time of withdrawal, or, in case the student is ill at home, as soon as possible after her illness is known. Verbal notice to wardens or instructors is not sufficient to secure the above allowance.

Residence in Vacations

Students who wish to remain at the college during the Christmas and Easter vacations should apply to the Warden for information in regard to rooms and rates. During the Christmas vacation the halls of residence are closed but accommodation may be obtained near the college campus. During the Easter vacation the halls of residence are in general kept open

and undergraduates and graduate students may occupy their rooms at a fixed rate.

Students remaining during any part of the Christmas or Easter vacations in Bryn Mawr, or in the immediate neighborhood, not in their own homes, are required to take advantage of the arrangements made by the college and will be charged according to the length of stay. A student not going to her own home is required to inform the Warden of her hall in advance of her intention to spend the vacation elsewhere and to register her address with her Warden.

For undergraduate students taking one laboratory course of four or more hours a week there is an additional charge of fifteen dollars a semester for materials and apparatus; for students taking two laboratory courses of four or more hours a week a charge of twenty-five dollars a semester and for students taking three laboratory courses of four or more hours a week a charge of thirty dollars a semester. A charge of seven dollars and fifty cents a semester is made for students taking a laboratory course of less than four hours a week.

In courses in Geology each hour of field work is counted as one hour of laboratory work. Not more than one laboratory course is required of candidates for a degree.

Laboratory Fees

<i>Summary of Major Expenses for Undergraduate Students</i>			
	<i>Minimum</i>	<i>Mean</i>	<i>Maximum</i>
Tuition for the academic year, payable October 1st.....	\$500.00	\$500.00	\$500.00
Board for the academic year, payable in equal instalments, October 1st and February 1st.....	400.00	400.00	400.00
Room-rent for the academic year, payable October 1st.....	<u>200.00</u>	<u>375.00</u>	<u>550.00</u>
Tuition and residence for the academic year.....	\$1,100.00	\$1,275.00	\$1,450.00

Major Expenses

Special Rate

In certain cases students are awarded by the College a room at one hundred dollars, making the total of major expenses for the academic year one thousand dollars.

Special Rate

Minor Fees and Charges

Infirmary fee for the academic year, payable October 1st.....	\$20.00
Fee for the upkeep of the athletic fields, payable October 1st....	10.00*
Laboratory fees for laboratory courses of less than four hours a week for the academic year.....	15.00
Laboratory fees for laboratory courses of four or more hours a week for the academic year.....	30.00

Minor Fees and Charges

In the courses in History and Appreciation of Music a charge of one dollar and twenty-five cents a semester is made for the purchase of necessary books and material.

* For non-resident students this fee is \$5.00.

Every student who enters the college must register her courses within two weeks after entrance. A charge of one dollar will be made for each change made in the course after it has been definitely registered.

Every student except a member of the freshman class who moves from one hall to another is charged a fee of ten dollars for moving and every student except a member of the freshman class who moves from one room to another in the same hall is charged a fee of five dollars. This fee entitles a student to have five pieces moved free of charge.

The graduation fee is twenty dollars, payable in the senior year.

*Regulation
on Fees*

The fees are due on the first day of each semester. Bills will be sent by the Comptroller and students whose fees are not paid before November first in the first semester or before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

New Regulation

Deposit

In and after the year 1933 a deposit of \$50 must be made not later than August 1st by each student who has enrolled for the following year. This deposit will be credited on the first semester's bill. It will not be returned in case of withdrawal after August 1st.

SCHOLARSHIPS

Entrance Scholarships

Each year the College awards four competitive matriculation scholarships of \$100 each. One scholarship is given in each of the following districts: (a) The New England States; (b) New York, New Jersey and Delaware; (c) The Western States; (d) Pennsylvania and the Southern States. While the candidate's district is determined by the location of the school where she receives her final preparation or, if preparation has been by private tuition, by her place of residence during the preceding year, candidates may present themselves for examination at any examination center. These scholarships, to be held for one year, are awarded for the highest general average obtained in each district. All regular candidates for matriculation whose general average is 75 per cent or above are eligible and are without formal declaration candidates for these scholarships. When two divisions are taken conditions incurred in the first division and removed in the second are not counted

TABLE OF MATRICULATION SCHOLARSHIPS FROM 1927-1931

Matriculation Scholarships

(a) <i>New England States</i>	
Scholarship	Honorable Mention
1927. Lucy Sanborn, Andover Academy, Andover, Mass	Elizabeth Livermore, Winsor School, Boston, Mass.
1928. Alice Whitecomb Rider, Girls' Latin School, Boston, Mass	Agnes Knopf, Rosemary Hall, Greenwich, Conn.
1929. Alice Mossie Brues, Girls' Latin School, Boston, Mass.	Rosemary Barnes, Wykeham Rise, Washington, Conn.
1930. Halla Brown, The Winsor School, Boston, Mass	Elizabeth Louise Meneely, The Ethel Walker School, Simsbury, Conn.
1931. Nancy Fay Nicoll, The Ethel Walker School, Simsbury, Conn.	Elizabeth Monroe, Concord Academy, Concord, Mass.

(b) *New York, New Jersey, and Delaware*

Scholarship	Honorable Mention
1927. Rhys Caparn, The Breatley School, New York City.	Francis Swift Tatnall, The Misses Hebbs' School, Wilmington, Delaware.
1928. Charlotte Beatrice Einsiedler, Kent Place School, Summit, N. J.	Yvonne Guyot Cameron, Miss Fine's School, Princeton, N. J.
1929. Malaeska Jane Bradley, Buffalo Seminary, Buffalo, New York.	Dorothy Statler, Buffalo Seminary, Buffalo, New York.
1930. Janet Elizabeth Hannan, Albany Academy for Girls, Albany, N. Y.	Betti Carolyn Goldwasser, Fieldston School, New York City.
1931. Phyllis Walter Goodhart, The Breatley School, New York City.	Frances Margaret Hall, Horace Mann High School, New York City.

(c) *Western States*

Scholarship	Honorable Mention
1927. Helen Curdy, French Institute of Notre Dame de Sion, Kansas City, Mo.	Helen Graham Bell, North Shore Country Day School, Winnetka, Ill.
1928. Patricia Hill Stewart, Columbus School for Girls, Columbus, Ohio.	Mollie Brooke Clyde, Santa Barbara School for Girls, Santa Barbara, Calif.
1929. Rebecca Biddle Wood, The Catlin School, Portland, Oregon.	Else Bassoe, Evanston Township High School, Evanston, Ill.
1930. D. Haviland Nelson, The Katharine Branson School, Ross, Calif.	No mention.
1931. Catherine Adams Bill, The Laurel School, Cleveland, Ohio.	Eleanor Favill Cheney, North Shore Country Day School, Winnetka, Ill.

(d) *Pennsylvania and The Southern States*

Scholarship	Honorable Mention
1927. Elizabeth Lawson Cook, Roland Park Country Day School, Baltimore, Md.	Helen Maxwell Stevenson, The Agnes Irwin School, Philadelphia.
1928. Monica Brice, The Ogontz School, Ogontz, Penna.	Rebecca Hemphill Davis, The Bryn Mawr School, Baltimore, Md.
1929. Lelia Brodersen, The Baldwin School, Bryn Mawr, Penna.	Emily Betts Smyth, Germantown Friends' School, Philadelphia.
1930. Catherine Cornthwaite Bredt, The Shipley School, Bryn Mawr, Penna.	Ruth Bertolet, Philadelphia High School for Girls, Philadelphia.
1931. Betty Clark Little, Miss Madeira's School, Washington, D. C.	Elizabeth MacLeod Culver, Bryn Mawr School, Baltimore, Md.

Bryn Mawr School Scholarship

Scholarships of \$500 each were founded in 1885 by the Board of Managers of the Bryn Mawr School, of Baltimore, Maryland. One of these scholarships is open annually to the graduate of the Bryn Mawr School who has completed the school course with the most distinction.

Undergraduate Fellowship, Scholarships and Prizes Awarded for Distinction in Academic Work*Bryn Mawr European Fellowship*

The Bryn Mawr European Fellowship of the value of \$500 was founded in 1889. It is awarded annually to a member of the graduating class of Bryn Mawr College on the ground of excellence in scholarship. The fellowship is intended to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The Bryn Mawr European fellow receives in addition the Elizabeth S. Shippen foreign scholarship of the value of \$200.

Maria L. Eastman Brooke Hall Memorial Scholarship

The Maria L. Eastman Brooke Hall Memorial Scholarship of the value of \$150 was founded in 1901, in memory of Maria L. Eastman, Principal of Brooke Hall School for Girls, Media, Pa., by the Alumnae and former pupils of the school. It is awarded each year on the ground of scholarship, irrespective of the need of financial aid, to the member of the junior class with the highest record, to be held during the senior year. No application for the scholarship is necessary.

Elizabeth Duane Gillespie Scholarship

The Elizabeth Duane Gillespie Scholarship in American History of the value of \$60 was founded in 1903 by the Pennsylvania Society of Colonial Dames of America, in memory of Elizabeth Duane Gillespie. It is awarded annually to a member of the sophomore or junior class, on condition that the holder of the scholarship devote to the study of American history at least one unit of work for one year during the last two years of her college course. The candidate is to be selected by the Faculty of Bryn Mawr College on the ground of excellence in scholarship.

Charles S. Hinchman Memorial Scholarship

The Charles S. Hinchman Memorial Scholarship of the value of \$500 was founded in 1917 in memory of the late Charles S. Hinchman of Philadelphia by his family. The holder will be nominated to the Faculty by the Undergraduate Scholarships Committee of the Faculty guided in its selection by (1) the student's record in her major subject, (2) written recommendations from the instructors in this subject, (3) evidence of the student's ability as shown by written work in her major subject together

with a written estimate of the same by the instructor most directly concerned, such work to be submitted not later than March 15th of the year preceding the one in which the scholarship is to be awarded.

The George Bates Hopkins Memorial Scholarship, consisting of the income of a gift of \$10,000 from Mrs. Elizabeth Hopkins Johnson, in memory of her father, is to be awarded each year at the discretion of the President and Faculty of the College to the student in the Department of Music who in their estimation most needs it and is most deserving of it.

*George
Bates
Hopkins
Memorial
Scholarship*

The Elizabeth S. Shippen Scholarships were founded in 1917 by the bequest of the late Elizabeth S. Shippen of Philadelphia. Three scholarships are awarded each year, one to the member of the senior class who receives the Bryn Mawr European Fellowship and two to members of the junior class, as follows:

*Elizabeth S.
Shippen
Scholarships*

The Shippen Scholarship in Science of the value of \$100 is awarded to a member of the junior class, whose major subject lies in the Scientific Departments, viz., Physics, Chemistry, Geology, Biology, for excellence of work in one of these departments.

The Shippen Scholarship in Foreign Languages of the value of \$100 is awarded annually to a member of the junior class whose major subject lies in the Departments of Foreign Languages, viz., Greek, Latin, German-French, Italian, Spanish, for excellence of work in one of these departments. Work in elementary language courses is not counted.

No student shall be considered eligible for the Science or Foreign Language Scholarship who has not completed at least one-half of the second year course in the subject on which the computation is based. The winner of the Charles S. Hinchman Memorial Scholarship will not be eligible for the Shippen Scholarship in Science or in Foreign Languages.

The Sheelah Kilroy Memorial Scholarships in English (the interest on \$5000) were founded in 1919 by Dr. and Mrs. Philip Kilroy in memory of their daughter Sheelah. These scholarships are awarded annually on the recommendation of the Department of English as follows: \$150 to a student for excellence of work in the Second Year or Advanced English; \$75 to a student for excellence of work in the First Year English and \$50 to the student in the Required English Composition who does the best written work during the year.

*Sheelah
Kilroy
Memorial
Scholarships*

The Horace White Prize in Greek Literature, a prize of \$50 founded by Miss Amelia Elizabeth White in 1919, is awarded to the best student in the second year class in Greek Literature, the nomination to be made by the Professor conducting the class. In 1924 Miss White gave a second prize for the best graduate student in the class in Greek Literature.

*Horace
White Prize*

The President M. Carey Thomas Essay Prize of \$100 is awarded to the student whose writing in the opinion of the English Department is the best in the Senior Class.

Essay Prize

The Millicent Pierce Prize of \$50 is awarded annually to a student in the second year of the Economics course who in the opinion of the Department has done exceptionally promising work and who expects to take a further year of undergraduate Economics.

*Millicent
Pierce
Prize*

SCHOLARSHIPS AWARDED AT ENTRANCE AND TENABLE FOR
FOUR YEARS

*Regional
Scholarships*

Regional Scholarships of \$300 to \$500 each, administered by local alumnae committees, are awarded at regular intervals in each district of the Alumnae Association of Bryn Mawr College to candidates of exceptional ability who are unable to meet the fees of the college in full. The conditions are:

1. Application on blanks obtainable from the Alumnae Scholarships and Loan Fund Committee, Taylor Hall, Bryn Mawr, Pa., should be made before April 1 of the academic year for which the scholarship is desired.

2. Awards of the scholarships are made as soon as possible after the returns of the College Entrance Board Examinations to candidates who have been admitted to Bryn Mawr College who are judged to be of the highest promise by Local Committees in consultation with the Faculty Committee on Entrance Examinations.

3. Candidates awarded Regional Scholarships and maintaining a high standard of conduct and scholarship may be assured of further scholarships from local Alumnae committees or direct from the college. Further information may be obtained from the chairman of the Alumnae Scholarships and Loan Fund, Taylor Hall, Bryn Mawr, Pa.

*Trustees
Scholarships*

Eight free tuition scholarships,* two awarded each year and tenable for four consecutive years, were founded for students prepared in Philadelphia High Schools by the Trustees of Bryn Mawr College on the following terms:

The candidate shall have matriculated for Bryn Mawr College, having received all her preparation for entrance examination at a Philadelphia High School; she shall have been recommended by the Board of Education of Philadelphia subject to the approval of the Directors of Bryn Mawr College. Provided that the conduct and academic standing of the student shall be satisfactory to the college authorities, the scholarship will be renewed annually for three years.

*City
Scholarships*

Eight scholarships* of the value of \$175 similar to the trustees' scholarships are awarded to graduates of a Philadelphia High School by the Board of Public Education of Philadelphia.

*Charles E.
Ellis
Scholarships*

The Charles E. Ellis Scholarships* of \$500 each, tenable for four years, were founded in 1909 by bequest of the late Charles E. Ellis and are awarded on the recommendation of the Superintendent of Public Schools of the City of Philadelphia, subject to the approval of the Board of Directors and Trustees of Bryn Mawr College, to students educated in the Philadelphia public schools who have matriculated for Bryn Mawr College.

*L. C. B. Saul
Scholarship*

In 1893 the Alumnae Association of the Girls' High and Normal School of Philadelphia founded at Bryn Mawr a scholarship,† tenable for four years, of the value of \$100, increased in 1924 to \$150. This scholarship is awarded every four years to the graduate of the Girls' High School who matriculates for Bryn Mawr College with the highest grade of that year.

* Information about these scholarships may be obtained at the schools.

† Information about this scholarship may be obtained at the school.

In 1895 one scholarship* providing free tuition for a graduate of the Lower Merion High School was founded by the College and presented to the School Board of Education of Lower Merion Township, Montgomery County, Pa. In 1926 the Board of Directors of the College added three similar scholarships, one to be awarded each year to a non-resident student to be held for four consecutive years. The conditions of award are that the candidate having received all of her preparation for examination at the Lower Merion High School shall have matriculated for Bryn Mawr College and shall be recommended by the School Board of Education of Lower Merion Township subject to the approval of the Directors of Bryn Mawr College.

Lower Merion Township Scholarship

In 1900 one scholarship* providing free tuition for a graduate of Norristown High School was presented to the School Board of Education of Norristown, Pa., on the following terms: The candidate having received all of her preparation at the Norristown High School shall have matriculated for Bryn Mawr College not later than the June preceding her entrance to the College and shall be nominated by the Superintendent of Schools or the Board of Education subject to the approval of the Board of Directors of the College and that the award shall not be made twice to the same person unless the Superintendent of Schools shall file a statement with the President of the college that no other member of the graduating class is eligible for the scholarship. In 1932 this scholarship was made available for graduates of either the Haverford Township High School or of the Radnor High School.

Norristown, Haverford Township and Radnor Scholarship.

The Minnie Murdoch Kendrick Memorial Scholarship providing a year's free tuition and tenable for four successive years was founded in 1916 by the bequest of the late George W. Kendrick, Jr. This scholarship is awarded by the Board of Directors of Bryn Mawr College to a candidate who has fulfilled the requirements for admission to Bryn Mawr College upon nomination by the executors of George W. Kendrick, Jr. or at their death or at the death of their survivors, by the Board of Public Education of Philadelphia.

Minnie Murdoch Kendrick Memorial Scholarship

One competitive entrance scholarship of free tuition tenable for four years is open annually to members of the Society of Friends who are unable to pay the full charge for tuition and residence. The scholarship is awarded, as far as possible, under the same rules as those governing the competitive entrance scholarships of Bryn Mawr College.

Foundation Scholarship

Four Frances Marion Simpson Scholarships,† entitling the holder to free tuition, were founded in 1912 by Justice Alexander Simpson, Jr., in memory of Frances Simpson Pfahler, of the class of 1906, one scholarship to be awarded in each October, to a candidate who receives her certificate of examination in the preceding spring matriculation examination period. Competition for these scholarships is open in the first place to residents of Philadelphia and Montgomery counties who have been prepared for Bryn Mawr College in the public schools of the said counties, or at home by

Frances Marion Simpson Scholarships

* Information about this scholarship may be obtained at this school.

† Application for these scholarships should be made on a form obtainable at the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

their parents and guardians, or in Miss S. Janet Sayward's School at Overbrook, Pennsylvania, so long as she shall be conducting the same; or in default thereof to residents of other counties in Pennsylvania. Only those students who are unable to pay the fees for tuition, or if living at a distance, the fees for tuition and board, in Bryn Mawr College are entitled to compete. In special cases the scholarship may be awarded to a candidate from some other locality, in which case the restriction to preparation in public schools may also be relaxed, or it may be awarded to some one who can pay the charge for her tuition, or for her tuition and board in part.

The scholarships are tenable for four successive years and are meant exclusively for those students who take the full college course. Students holding the scholarships who become able to pay the tuition fees of Bryn Mawr College in whole or in part are required to do so and all holders of the scholarships are required to promise to repay for the benefit of other students in need of the scholarship, the advances made to them, when they can conveniently do so.

Scholarships to be Used in the Sophomore Year.

*James E.
Rhoads
Memorial
Sophomore
Scholarship*

The James E. Rhoads Memorial Sophomore Scholarship* of \$500 for one year was founded in 1897 by the Alumnae Association of Bryn Mawr College in memory of the first President of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have attended lectures at Bryn Mawr College not less than one semester. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College and shall prove her need of financial aid to the satisfaction of the nominating committee. The nominating committee consists of the Faculty Committee on Undergraduate Scholarships and the members of the Scholarships and Loan Fund Committee of the Alumnae Association.

*Maria
Hopper
Scholarships*

Two Maria Hopper Scholarships* of \$200 each to be held in the sophomore year were founded in 1901 by the bequest of the late Maria Hopper of Philadelphia. They are awarded on the ground of excellence in scholarship to two members of the freshman class who need financial assistance.

Scholarships to be Used in the Junior Year

*James E.
Rhoads
Memorial
Junior
Scholarship*

The James E. Rhoads Memorial Junior Scholarship* of \$500 for one year was founded in 1897 by the Alumnae Association of Bryn Mawr College in memory of the first president of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have attended lectures at Bryn Mawr College not less than three semesters. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College and shall prove her need of financial aid to the satisfaction of the nominating committee. In

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

case the scholarship is awarded to a non-resident student, its value shall not exceed the tuition fee. The nominating committee is the same as for the James E. Rhoads Memorial Sophomore Scholarship.

The Mary E. Stevens Scholarship* of the value of \$160 to be held in the junior year, founded in 1896 by former pupils of Miss Mary E. Stevens's School, is awarded on the nomination of the President of the College to a member of the sophomore class who needs financial assistance.

*Mary E.
Stevens
Scholarship*

The Anna Hallowell Memorial Scholarship* of \$100 was founded in 1912 by the family of the late Anna Hallowell. It is awarded to a member of the sophomore class in need of financial assistance to enable her to continue her studies during her junior year and is to be awarded by the Faculty to the student satisfying the above requirement who has the highest academic record, provided that this student does not hold any other scholarship. This provision may, however, be disregarded in case of great financial need.

*Anna
Hallowell
Memorial
Scholarship*

Scholarships to be Used in the Senior Year

The Anna M. Powers Memorial Scholarship* of \$200 to be held in the senior year was founded in 1902 by the late Mrs. J. Campbell Harris in memory of her mother, Anna M. Powers. The scholarship is open to members of the junior class who need financial aid in order to complete the work for the degree.

*Anna M.
Powers
Memorial
Scholarship*

The Thomas H. Powers Memorial Scholarship* of \$200 was founded in 1910 by the late Mrs. J. Campbell Harris in memory of her father, Thomas H. Powers. This scholarship is open to members of the junior class who need financial aid in order to complete their senior year.

*Thomas H.
Powers
Memorial
Scholarship*

Scholarships to be Used in Any Year

The Mary Anna Longstreth Memorial Scholarship* providing free tuition was founded in 1913 by the Alumnae of the Mary Anna Longstreth School and the children of Alumnae and a few of her friends in grateful memory of Mary Anna Longstreth. The scholarship is to be awarded each year to a student who needs financial aid to begin or continue her college course.

*Mary Anna
Longstreth
Memorial
Scholarship*

The Anna Powers Memorial Scholarship* consisting of the income of a gift of \$2000 was founded in 1919 by Mrs. Charles Merrill Hough in memory of her sister, Anna Powers, of the Class of 1890. The award of the scholarship is to be made by the Faculty of Bryn Mawr College to a student of good scholarship in need of financial aid.

*Anna Powers
Memorial
Scholarship*

The Constance Lewis Memorial Scholarship,* of \$100 annually, was founded in 1919 by the Class of 1904 in memory of their classmate Constance Lewis. The award of the scholarship is to be made by the Faculty of Bryn Mawr College.

*Constance
Lewis
Memorial
Scholarship*

The Amelia Richards Scholarship* was founded in 1921 by the bequest of the late Mrs. Frank P. Wilson in memory of her daughter, Amelia Richards, deceased, of the class of 1918. The scholarship consists of the

*Amelia
Richards
Scholarship*

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

income of \$10,000 and is awarded annually by the Trustees on the nomination of the President of the College.

*Elizabeth
Wilson
White
Memorial
Scholarship*

The Elizabeth Wilson White Memorial Scholarship,* consisting of the income of a gift of \$7500, was founded in 1923 by Mr. Thomas Raeburn White in memory of his wife. The scholarship is awarded annually by the President of the College to a student who is in need of assistance to enter upon or continue her work at Bryn Mawr College.

*Alice Ferree
Hayt
Memorial
Award*

The Alice Ferree Hayt Memorial award of \$50, founded in 1922, is awarded each year by Mrs. E. Todd Hayt to a student in need of financial assistance.

*Abby Slade
Brayton
Durfee
Scholarship*

The Abby Slade Brayton Durfee Scholarship,* consisting of the income of a fund of \$2,000 was established in 1924 under the will of the late Randall Nelson Durfee in honour of his wife. In awarding the scholarship preference will be given to candidates of American or English descent and to descendants of the class of 1894 of Bryn Mawr College.

*Leila
Houghteling
Memorial
Scholarship*

The Leila Houghteling Memorial Scholarship was founded in 1929 in memory of Leila Houghteling of the Class of 1911, by members of her family and a group of her contemporaries in college. The scholarship, consisting of the income of \$10,000, is to be awarded every three years, on the nomination of the Alumnae Scholarships and Loan Fund Committee, to a member of the freshman class in need of financial assistance, to be held during the three remaining years of her college course.

*Bookshop
Scholarships*

Several Book Shop Scholarships are contributed yearly from the profits of the Bryn Mawr Cooperative Society, to be awarded to students in need of financial assistance.

Scholarship at the Woman's Medical College of Pennsylvania

The Woman's Medical College of Pennsylvania presented to Bryn Mawr College in 1910 the scholarship to be awarded to a graduate of the college recommended by the President and Faculty as in their opinion qualified to take up the study of medicine. The holder is given free tuition for one year at the Woman's Medical College of Pennsylvania and the scholarship will be renewed for the three remaining years of the medical course if the holder's record prove satisfactory.

Students' Loan Fund

*Students'
Loan Fund*

The Students' Loan Fund of the Alumnae Association of Bryn Mawr College was founded by the Class of 1890 for the use of students who need to borrow money in order to continue their college work and for the purpose of receiving contributions, no matter how small, from those who are interested in helping students to obtain an education.

These funds are managed by a committee consisting of the President of the College and the Alumnae Scholarships and Loan Fund Committee.

The Committee in administering this money follow a definite policy, designed to serve the best interests of the students concerned. Loans may be used for any purpose approved by the Committee, who strongly recommend the borrowing of small sums to relieve undue financial

pressure, or to meet special emergencies. As a rule, money is not loaned to Freshmen. The terms under which money is loaned are as liberal as is consistent with business-like principles. Interest, which begins with the date of graduation, is at the rate of four per cent. Payment of the loan must be made in five years according to the following system: ten per cent in each of the first two years; fifteen per cent each in the third and fourth years; fifty per cent in the fifth year. At the discretion of the Committee, exceptions are made in special cases, for example that of a student working for a higher degree, to both the five-year limit and the date of the first interest charge.

Contributions may be sent to the chairman of the Scholarships and Loan Fund Committee, Alumnae Office, Taylor Hall, Bryn Mawr, Pa. Application blanks may be obtained from the Alumnae Office on the third floor of Taylor Hall by students who wish to borrow from the Loan Fund.

Parents' Fund

The Parents' Fund was founded and is supported by the contributions of parents and students who are able and willing to pay the full cost of tuition (approximately \$1,000). It is used in making grants to supplement the scholarship awards and to assist other students in need of financial aid.

*Parents'
Fund*

THE BUREAU OF RECOMMENDATIONS

The college conducts a Bureau of Recommendations which assists alumnae and former undergraduate and graduate students by securing recommendations from their professors and forwarding these to individuals or agencies to whom they may apply for positions. It is not primarily a bureau of employment or appointments, although it is often instrumental in putting individuals directly in touch with positions. The bureau also helps graduate and undergraduate students to find summer work. A series of vocational lectures and conferences are conducted each year for the benefit of the undergraduate body. The services of the bureau are given free of charge to alumnae and former students of Bryn Mawr College.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest or award which is to be devoted to scholarships, fellowships or the endowment of professors' chairs in accordance to the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$10,000 yields sufficient income to provide the present tuition for one student at Bryn Mawr College.

Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
to be invested and preserved inviolably for the endowment
 of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Dates.....

THE LIBRARY



LIBRARY

The Bryn Mawr College Library is designed to be as far as possible a library for special study. There are at present on its shelves about 140,000 bound volumes and 10,000 dissertations and pamphlets. Of special interest is the classical library of the late Professor Sauppe of Göttingen, the Semitic library of the late Professor Amiaud of Paris, the mathematical library of Professor Charlotte Angus Scott and the Germanic library of the late Professor Karl Detlev Jessen.

The library is open daily except Sundays from 8 A. M. to 10 P. M. and on Sunday from 9 A. M. to 10 P. M. Books may be taken out by the students unless specially reserved for library reference use.

The sum of over fifteen thousand dollars is expended yearly for books under the direction of the heads of the several collegiate departments and in addition to many gifts of single books, about thirty thousand dollars has been presented to the library during the past twenty years for expenditure in special departments.

Students may enjoy also the privileges of *Haverford College Library* and the following:

The *Library Company of Philadelphia*, which contains about 260,000 volumes, divided between the Locust Street Building and the Ridgway Branch. Its valuable collection of pamphlets is not included in the number of volumes as given above. The Library is open from 9 A. M. to 5.30 P. M. and is open to students for consultation freely during these hours. To take books from the building a deposit must be made or subscriptions will be received as follows: \$12.00 for one year, \$6.00 for six months, \$4.00 for three months.

The *Mercantile Library*, which contains about 215,000 volumes. Private subscription, \$6.00 a year for two separate works at a time.

The *Library of the Academy of Natural Sciences*, which contains about 90,000 volumes. The Council of the Academy has generously conceded the use of its library and of its museum to the students of Bryn Mawr College.

The *Library of the University of Pennsylvania*, which contains about 550,000 volumes and 50,000 pamphlets. The custodians of this library have always been liberal in extending to the College inter-library loan courtesies.

The *Free Library of Philadelphia*, which contains over 625,000 volumes and 415,000 pamphlets and unbound documents and is at all times open to the students for consultation.

The *American Philosophical Society Library*, which contains about 70,000 volumes, admission by card from a member.

The *Historical Society of Pennsylvania Library*, which contains over 150,000 bound volumes and 250,000 pamphlets, is for reference only. The collection of manuscripts is one of the best in the country, comprising 7,000 volumes containing over 1,000,000 items. Every courtesy is extended to members of the college and students and members of the Faculty are specially invited to all lectures delivered at the Library.

Over six hundred publications and reviews in the English, Greek, French Italian, Spanish, German and Swedish languages, are received by the library, as follows:

General and Miscellaneous Periodicals

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| American Mercury. | Library Journal |
| *Amherst Graduates' Quarterly. | Library Quarterly. |
| Asia. | Literary Digest. |
| Atlantic Monthly | Living Age. |
| Berlin. Preuss. Akademie der Wissen-
schaften Sitzungsberichte. | London Mercury. |
| Bookman. | Mercure de France. |
| Bookman (English). | Munich. Bayer. Akademie der Wissen-
schaft. Abhandlungen und Sitzungs-
berichte. |
| Book Review Digest. | Musical Quarterly. |
| Books Abroad. | Nation, N. Y. |
| Bookseller. | Neue Rundschau. |
| *Bryn Mawr Alumnae Bulletin. | New Republic. |
| Bulletin of Bibliography. | New Statesman and Nation. |
| *Bulletin of the New York Public Library. | New York Times Index. |
| China Weekly Review. | Nineteenth Century. |
| Congressional Digest. | North American Review. |
| Connoisseur. | Nouvelle Revue Française. |
| Contemporary Review. | Nuova Antologia. |
| Cumulative Book Index | Outlook |
| Deutsche Rundschau. | Philadelphia Symphony Orchestra Pro-
gram. |
| Drama. | Preussische Jahrbücher. |
| English Review. | Public Affairs Information Service
Bulletin. |
| Foreign Affairs. | Publishers' Weekly. |
| Fortnightly Review | Punch. |
| Forum and Century. | Quarterly Review |
| Gaceta Literaria | Reader's Guide to Periodical Literature. |
| Göttingen. Gesellschaft der Wissen-
schaften. Abhandlungen und Nach-
richten. | Review of Reviews. |
| Götttingische Gelehrte Anzeigen | Revista de Occidente. |
| Harper's Monthly Magazine. | Revue Belge de Philologie et d'Histoire. |
| Hound and Horn. | Revue Critique d'Histoire et de Littér-
ature. |
| Illustrated London News. | Revue de France. |
| L'Illustration. | Revue de Paris. |
| International Index to Periodicals. | Revue des Cours et Conférences. |
| Jahresverzeichnis der an den deutschen
Universitäten und Technischen Hoch-
schulen erschienenen Schriften. | Revue des Deux Mondes. |
| Leipzig. Säch. Akademie der Wissen-
schaften. Abhandlungen und Berichte. | |

Revue Politique et Littéraire; Revue Bleue.	Theater Arts Monthly.
Saturday Review, London.	*University of Missouri, Studies.
Saturday Review of Literature, N. Y.	*University of Nebraska, Studies.
Scientia.	*University of Texas, Studies.
Scribners Magazine.	*University of Washington, Studies.
Sewanee Review.	Westermann's Monatshefte.
*Southern Workman.	World's Work.
Spectator.	Yale Review.
	Zeitschrift für Ästhetik.

Newspapers

*College News, Bryn Mawr.	Le Temps.
El Sol.	New York Times.
*Home News, Bryn Mawr.	Philadelphia Ledger.
London Times.	United States Daily.

Art and Archaeology

Aeropole.	Dedalo.
American Academy in Rome, Memoirs.	Eastern Art.
American Journal of Archæology.	Emporium.
Diè Antike.	Gazette des Beaux Arts.
Antiquity.	Hesperia.
Archæologike Ephemeris.	Jahrbuch der preussischen kunstsammlun- gen.
Archiv für Orientforschung.	Jahrbuch des Archæologischen Institute.
Archiv für Papyrusforschung.	Jahreshefte des Österreichischen Archæo- logischen Instituts in Wien.
Archivo espanol de Arte y Arqueologia.	Journal international d'archéologie numis- matique.
Art and Archæology.	Journal of Egyptian Archæology.
Art Bulletin.	Journal of Hellenic Studies.
Art Digest.	Mittheilungen des Deutschen Archæo- logischen Instituts, Athenische Abtei- lung und Römische Abteilung.
Art in America.	Monumenti Antichi.
Art Index.	Museum Journal.
L'Arte.	*Museum of Fine Arts Bulletin, Boston.
Beaux-Arts.	Notizie degli Scavi di Antichita.
Belvedere.	Parnassus.
Berliner Museen.	Repertorium für Kunstwissenschaft.
Boletín de la Sociedad Española a Excur- siones.	Revue archéologique.
British School at Athens, Annual.	Revue de l'art.
*Bulletin of the Cleveland Museum of Art.	Syria.
Bulletin of the Metropolitan Museum of Art, New York.	Zeitschrift des Deutschen Palästina Vereins.
*Bulletin of the Rhode Island School of Design.	Zeitschrift für bildende kunst.
Bulletino della Commissione archeo- logica comunale de Roma.	
Burlington Magazine.	

Economics and Politics

- *Advocate of Peace.
- All Opinions of the U. S. Supreme Court.
- *American Association for International Conciliation Publications.
- American City.
- American Economic Review.
- American Federationist
- American Journal of International Law
- American Political Science Review
- Annalist.
- Annals of the American Academy of Political and Social Science.
- Citizens' Business.
- Columbia Law Review
- Commercial and Financial Chronicle.
- *Congressional Record.
- Economic Journal.
- Economist, London.
- Federal Reserve Bulletin.
- Good Government.
- Great Britain, Consolidated List of Parliamentary Publications.
- Harvard Business Review.
- Harvard Law Review.
- Jahrbücher für Nationalökonomie und Statistik.
- Johns Hopkins University Studies in Historical and Political Science.
- *Journal du Droit international.
- Journal of Comparative Legislation.
- Journal of Criminal Law.
- Journal of Economic and Business History.
- Journal of Political Economy.
- Journal of the Royal Statistical Society
- League of Nations Official Journal
- League of Nations Treaty Series.
- Municipal Review.
- National Municipal Review
- National Tax Association Bulletin.
- Paix par le Droit.
- Political Science Quarterly.
- Polybiblion; Revue Bibliographique.
- Proceedings of the Academy of Political Science.
- Public Administration.
- Public Management.
- Publications of the American Economic Association.
- Quarterly Journal of Economics
- *Revue de Droit international.
- Revue General de Droit international.
- Revue Municipale.
- Short Ballot Bulletin.
- *U. S. Weekly Commerce Reports.
- Zeitschrift für Kommunal Wirtschaft.
- Zeitschrift für National Ökonomie.
- Zeitschrift für Öffentliches Recht.

Social Economy and Social Research

- *Advance.
- American Child.
- American Child Health Association, Transactions
- *American Flint.
- American Journal of Public Health
- American Journal of Sociology.
- American Labor Legislation Review.
- American Management Association Publications.
- *Bakers' Journal.
- Better Times.
- Bibliographie der Socialwissenschaften
- *Bridgeman's Magazine.
- *Broom-makers' Journal.
- *Bulletin of the New York State Department of Labor.
- Bulletin of the Taylor Society.
- *Carpenter.
- *Chase Economic Bulletin.
- Child Health Bulletin.
- *Cigar Makers' Journal.
- *Commercial Telegraphers' Journal.
- *Electrical Workers' Journal.
- *Elevator Constructor.
- Eugenics Review
- Factory.
- Family.
- *Garment Worker.
- *Granite Cutters' Journal.
- Housing Betterment.
- Human Factor.
- Independent Woman.
- Industrial Arts Index.
- Industrial Bulletin.
- Information Service.
- *International Engineer.
- International Labour Office Publications
- International Labour Review.
- *International Musician.
- *International Woodcarver.
- Journal of American Statistical Association.
- Journal of Heredity.
- Journal of Industrial Hygiene.
- Journal of Juvenile Research.
- Journal of Social Hygiene.
- Journal of Social Psychology.

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| <ul style="list-style-type: none"> *Journeyman Barber.
Labor Advocate. *Labor Bulletin of the Massachusetts
Bureau of Statistics.
Labor News.
Labour Magazine.
Labour Monthly. *Law and Labor. *Leatherworkers' Journal.
L'Emancipation.
Life and Labor Bulletin.
Locomotive Engineer's Journal. *Machinists' Monthly Journal
Mental Hygiene. *Metal Polishers' Journal.
Ministry of Labour Gazette.
Monthly Labor Review.
National Consumers' League.
National Conference of Social Work,
Bulletin and Proceedings.
New Leader. *Painter and Decorator. *Papermakers' Journal. *Patternmakers' Journal. *Paving Cutters' Journal
Personnel. *Plasterer. *Plumbers, Gas and Steam Fitters Journal. *Public Health, Michigan. *Quarry Workers' Journal *Railroad Telegrapher. *Railway Carmen's Journal. *Railway Maintenance of Way Employee's
Journal. | <ul style="list-style-type: none"> Recreation. *Retail Clerks' International Advocate.
Revue des Etudes Co-operative.
Revue Internationale de Sociologie. *Shoeworkers' Journal. *Shop Review.
Social Forces.
Social Science Abstracts.
Social Service Review.
Sociological Review.
Sociology and Social Research.
Specialty Salesman. *Stereotypers' and Electrotypers' Journal.
Survey. *Tailor. *Teamsters', Chauffeurs', Stablemen and
Helpers' Magazine. *Textile Worker. *Trade Union News. *Typographical Journal.
Union Labor Record. *U. S. Bureau of Immigration, Publications. *U. S. Bureau of Labor Statistics, Bulletin. *U. S. Bureau of the Census, Publications. *U. S. Children's Bureau, Publications. *U. S. Department of Health, Bulletin. *University of Illinois, Studies in Social
Sciences. *University of Minnesota, Studies in Social
Sciences.
Werdende Zeitalter.
World Association for Adult Education
Bulletin. *Woodcarver. |
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Education and Psychology

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| <ul style="list-style-type: none"> American Journal of Ophthalmology. American Journal of Physiological Optics. American Journal of Psychology. Année psychologique. Archives de Psychologie. Archives of Psychology. Archiv für die gesammte Psychologie. British Journal of Educational Psychology. British Journal of Medical Psychology. British Journal of Psychology. Bulletin de l'Institut Psychologique. Child Development Abstracts. Childhood Education. Comparative Psychology Monographs.
Education. Education Index. Educational Administration. Educational Record. | <ul style="list-style-type: none"> Elementary School Journal. Genetic Psychology Monographs. Harvard Monographs in Education. Industrial Education Magazine. Journal de Psychologie. Journal für Psychologie und Neurologie. Journal of Abnormal and Social Psychology. Journal of Applied Psychology. Journal of Comparative Psychology. Journal of Educational Psychology. Journal of Educational Research. Journal of Experimental Psychology. Journal of General Psychology. Journal of Higher Education. Journal of the American Association of
University Women. Lehrproben und Lehrgänge. |
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* Presented by the Publishers.

National Education Association, Publications.
 National Society for the Study of Education, Yearbook.
 Pedagogical Seminary.
 Proceedings of the Society for Psychological Research.
 Progressive Education.
 Psychological Abstracts.
 Psychological Bulletin.
 Psychological Clinic.
 Psychological Review.
 Psychological Review; Monograph Supplements.
 Psychological Review. Psychological Index.
 Psychologische Arbeiten.
 Psychologische Forschung.
 Review of Educational Research.
 Revue Internationale de l'Enseignement Supérieur.

Revue Universitaire.
 School and Society.
 School Review.
 Supplementary Education Monographs.
 Teachers' College Contributions to Education.
 Teachers' College Record.
 Teacher's Journal and Abstract.
 U. S. Bureau of Education, Bulletin.
 University of California Publications, Education.
 Zeitschrift für angewandte Psychologie.
 Zeitschrift für pädagogische Psychologie.
 Zeitschrift für Psychologie und Physiologie der Sinnesorgane: 1. Abt., Zeitschrift für Psychologie. 2. Abt., Zeitschrift für Sinnesphysiologie.

History

American Historical Association, Reports.
 American Historical Review.
 Bulletin of the Institute of Historical Research.
 Camden Society, Publications.
 Current History.
 Economic History Review.
 English Historical Review.
 Great Britain, House of Commons, Parliamentary Debates.
 Historical Manuscripts Commission, Reports.
 Historische Vierteljahrschrift.
 Historische Zeitschrift.

History.
 *Illinois State Historical Society Journal
 Journal of Modern History.
 Klio, Beiträge zur alten Geschichte.
 Mississippi Valley Historical Review.
 Pipe Roll Society, Publications.
 Révolution française.
 Revue des Questions historiques.
 Revue historique.
 Round Table.
 Royal Historical Society, Transactions.
 Selden Society, Publications.
 Surrey Record Society, Publications.

Philology and Literature, Classical

Ægyptus.
 Bulletin de Correspondance hellénique.
 Classical Journal.
 Classical Philology.
 Classical Quarterly.
 Classical Review.
 Classical Weekly.
 Eranos.
 Glotta.
 Gnomon.
 Harvard Studies in Classical Philology.
 Hermes.
 Jahresbericht über die Fortschritte der klassischen Altertumswissenschaft.
 Journal of Roman Studies.
 Klio.

Mnemosyne.
 Neue Jahrbücher für Wissenschaft und Jugendbild.
 Philologische Wochenschrift.
 Philologus.
 Revue de Philologie.
 Revue des Études grecques.
 Rheinisches Museum für Philologie.
 Rivista di Filologia.
 Sokrates.
 Studi Italiani di Filologia classica.
 Studi Storici per l'Antichità classica.
 Wiener Studien, Zeitschrift für klassische Philologie.
 Year's Work in Classical Studies.

Philology and Literature, General and Comparative

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| <p>Acta Philologica Scandinavica.
 American Journal of Philology.
 Archiv für das Studium der neueren Sprachen.
 Arkiv for Nordisk Filologi.
 Dialect Notes.
 Indogermanische Forschungen.
 Journal of English and Germanic Philology.
 Journal of Philology.
 Neophilologus.
 Philologica.</p> | <p>Philological Quarterly.
 Philological Society, London, Publications.
 Revue Celtique.
 Revue de Linguistique Romane.
 Studia Neophilologica.
 Studies in Philology.
 Transactions of the American Philological Association.
 Zeitschrift für romanische Philologie.
 Zeitschrift für vergleichende Sprachforschung.</p> |
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Philology and Literature, Modern

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| <p>American Literature.
 Anglia.
 Archivum Romanicum.
 Beiblatt zur Anglia.
 Beiträge zur Geschichte der deutschen Sprache und Literatur.
 Bibliographical Society of America, Publications.
 Bibliographical Society of London, Transactions.
 Bonner Studien zur englischen Philologie.
 British Society of Franciscan Studies.
 Bulletin du Bibliophile.
 Bulletin hispanique.
 Bulletin of Spanish Studies.
 Chaucer Society Publications (both series).
 Critica.
 (La) Cultura.
 Deutsche Literaturzeitung.
 Deutsche Texte des Mittelalters.
 Early English Text Society, Publications (both series).
 Englische Studien.
 English Journal.
 Euphoriön.
 Forschungen zur neueren literaturgeschichte.
 Germanio Review.
 Germanisch-romanische Monatsschrift.
 Giornale critico della filosofia Italiana.
 Giornale Dantesco.
 Giornale Storico della Letteratura italiana.
 Goethe Jahrbuch.
 Henry Bradshaw Society, Publications.
 Hispania.
 Jahrbuch der Deutschen Shakespeare Gesellschaft.
 Jahrbuch des Vereins für niederdeutsche Sprachforschung.
 Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie.
 Language, journal.</p> | <p>L'Italia che scrive.
 Literarisches Centralblatt Literatur.
 Literaturblatt für germanische und romanische Philologie.
 Malone Society, Publications.
 Marzocco.
 Materialien zur Kunde des älteren englischen Dramas.
 Modern Language Journal.
 Modern Language Notes.
 Modern Language Review.
 Modern Languages.
 Modern Philology.
 Muttersprache.
 Notes and Queries.
 Palaestra.
 Poet-lore.
 Praeger deutsche Studien.
 Publications of the Modern Language Association.
 Quellen und Forschungen zur Sprach- und Kulturgeschichte der germanischen Völker.
 Rassegna Bibliografica.
 Review of English Studies.
 Revista de Filologia Española.
 Revista de Occidente.
 Revista de Estudios Hispánicos.
 Revue des Langues Romanes.
 Revue de Littérature Comparée.
 Revue de Philologie française.
 Revue d'Histoire Littéraire de la France.
 Revue Germanique.
 Revue Hebdomadaire
 Revue Hispanique.
 Romania.
 Romano Review.
 Romanische Forschungen.
 Scottish Text Society, Publications.
 Société des Anciens Textes Française, Publications.</p> |
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Société des Textes Français Modernes,
Publications.
Speculum.
Studien zur englischen Philologie.
Wiener Beiträge zur englischen Philologie.
The Writer.
Yale Studies in English.
Year's Work in English Studies.

Zeitschrift für celtische Philologie.
Zeitschrift für Deutschkunde.
Zeitschrift für deutsche Philologie.
Zeitschrift für deutsches Altertum und
deutsche Litteratur.
Zeitschrift für französische Sprache und
Litteratur.

Philology and Literature, Semitic

American Journal of Semitic Languages
and Literatures.
Jewish Quarterly Review.
Journal of the Royal Asiatic Society.

Journal of the Society of Oriental Research.
Zeitschrift für ägyptische Sprache und
Altertumskunde.
Zeitschrift für Assyriologie.

Philosophy and Religion

American Friend.
*American Hebrew.
Angelos.
Anglican Theological Review.
Annalen der Philosophie.
Archiv für Geschichte der Philosophie.
Archiv für Religionswissenschaft.
Archiv für systematische Philosophie.
Bulletin de la Société Française de Phil-
osophie.
Christian Faith.
*Christian Register.
Expository Times.
Harvard Theological Review.
Hibbert Journal.
International Journal of Ethics.
Journal of Biblical Literature.
Journal of Philosophy.
Journal of Religion.
Journal of Theological Studies.

Mind.
Monist.
Philosophical Review.
Philosophy.
Proceedings of the Aristotelian Society.
*Publications of the American Jewish
Historical Society.
Religious Education.
Revue biblique.
Revue d'histoire de la Philosophie.
Revue de l'histoire de Religions
Revue de Métaphysique.
Revue philosophique.
*Spirit of Missions.
*Woman's Missionary Friend.
Zeitschrift für Alttestamentliche Wissen-
schaft.
Zeitschrift für die Neutestamentliche Wis-
senschaft.

Science, General

American Journal of Science.
Atti della Reale Accademia delle Scienze
di Torino.
British Association for the Advancement
of Science, Reports.
Comptes Rendus des Séances de l'Acadé-
mie des Sciences.
Journal of Scientific Instruments.
Journal of the Washington Academy of
Sciences.
*Kansas University, Science Bulletin.
Nature.
Naturwissenschaften.
*New York State Museum Bulletin.
Philosophical Magazine.

Philosophical Transactions of the Royal
Society of London.
Proceedings of the American Philosophical
Society.
Proceedings of the National Academy of
Sciences.
Royal Society of London Proceedings,
series A and B.
Science.
Scientific American.
Scientific Monthly.
*U. S. National Museum, Publications.
*University of Missouri Studies, Sciences
Series.

Science, Biology

American Journal of Anatomy.
 American Journal of Physiology.
 American Naturalist.
 Anatomischer Anzeiger.
 Archiv für die gesammte Physiologie.
 Archiv für Entwicklungsmechanik.
 Archiv für Protistenkunde.
 Biochemical Journal.
 Biochemische Zeitschrift.
 Biologisches Centralblatt.
 Botanisches Centralblatt.
 Genetics.
 *Illinois Biological Monographs.
 Jahrbücher für wissenschaftliche Botanik.
 Journal de Physiologie.
 Journal of Biological Chemistry.
 Journal of Experimental Medicine.
 Journal of Experimental Zoology.
 Journal of General Physiology.
 Journal of Genetics.
 Journal of Morphology.
 Journal of Physiology.

Journal of the Royal Microscopical Society.
 *Midland Naturalist.
 Physiological Abstracts.
 Physiological Reviews.
 Physiological Zoology.
 Quarterly Journal of Microscopical Science.
 *U. S. Public Health Service, Publications.
 *University of California Publications, Physiology.
 *University of California Publications, Zoology.
 *University of Toronto Studies, Biological Series.
 *University of Toronto Studies, Physiological Series.
 Zeitschrift für Physiologische Chemie.
 Zeitschrift für wissenschaftliche Zoologie.
 Zeitschrift für Zellforschung und mikroskopische Anatomie.
 Zoologischer Anzeiger.

Science, Geology and Geography

American Association of Petroleum Geologists. Bulletin.
 American Mineralogist.
 Annales de Geographie.
 Annotated Bibliography of Economic Geology.
 Bulletin of the Geographical Survey of Philadelphia.
 Bulletin of the Geological Society of America.
 Centralblatt für Mineralogie.
 Economic Geography.
 Geographical Journal.
 Geological Magazine.
 Geologisches Centralblatt.
 *Illinois Geological Survey Bulletin.

Journal of Geology.
 Journal of Sedimentary Petrology.
 Meteorologische Zeitschrift.
 Mineralogical Magazine.
 Mineralogische und Petrographische Mitteilungen.
 National Geographic Magazine
 Neues Jahrbuch für Mineralogie, Geologie und Paläontologie.
 Pan-American Geologist.
 Quarterly Journal of the Geological Society.
 Revue de Geologie.
 *U. S. Monthly Weather Review.
 *University of Toronto Studies, Geological Series.

Mathematics, Chemistry and Physics

Acta Mathematica.
 American Journal of Mathematics.
 American Mathematical Monthly.
 Annalen der Chemie.
 Annalen der Physik.
 Annales de Chimie.
 Annales de l'Institut Henri Poincaré.
 Annales de Physique.
 Annales des Sciences de l'Université de Toulouse.

Annales scientifiques de l'Ecole Normale Supérieure.
 Annali di Matematica.
 Annals of Mathematics.
 Astrophysical Journal.
 Berichte der deutschen chemischen Gesellschaft.
 Bollettino di Matematica.
 British Chemical Abstracts.
 Bulletin de la Société Chimique de France.

- Bulletin de la Société mathématique.
 Bulletin des Sciences mathématiques.
 Bulletin of the American Mathematical Society.
 Chemical Reviews.
 Chemisches Zentralblatt.
 Faraday Society Transactions.
 Giornale di Matematiche.
 Helvetica Chimica Acta.
 Jahrbuch der Chemie.
 Jahrbuch über die Fortschritte der Mathematik.
 Jahresbericht der deutschen Mathematiker Vereinigung.
 Journal de Chimie physique.
 Journal de Mathématiques.
 Journal de Physique et de le Radium.
 Journal für die reine und angewandte Mathematik.
 Journal für praktische Chemie
 Journal of Physical Chemistry.
 Journal of the American Chemical Society.
 Journal of the London Chemical Society.
 Journal of the Optical Society.
 Kolloidzeitschrift.
- Mathematische Annalen.
 Mathematische Zeitschrift.
 Monatshefte für Chemie.
 Physical Review.
 Physikalische Zeitschrift.
 Proceedings of the London Mathematical Society.
 Quarterly Journal of Mathematics.
 Recueil des Travaux Chimique des Pays-Bas.
 Rendiconti del Circolo Matematico di Palermo.
 Review of Scientific Instruments.
 Reviews of Modern Physics.
 Revue Semestrielle de Publications Mathématiques.
 Science Abstracts.
 Transactions of the American Mathematical Society.
 U. S. Bureau of Standards Journal of Research.
 Zeitschrift für anorganische Chemie.
 Zeitschrift für Elektrochemie.
 Zeitschrift für Physik.
 Zeitschrift für physikalische Chemie.
 Zentralblatt für Mathematik.

UNDERGRADUATE STUDENTS



UNDERGRADUATE STUDENTS

1931-1932

- ALEXANDERSON, AMELIE MARGARET *Major, Chemistry*, 1928-32.
Schenectady, N. Y. Prepared by Rosemary Hall, Greenwich, Conn.
- ANDEREGG, JEAN ELIZABETH 1930-32.
Upper Montclair, N. J. Prepared by the Montclair High School.
- ATMORE, MOLLY *Major, Economics*, 1928-32.
Wayne, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.
- BACHOFER, MARYBEL AVO *Major, German*, 1927-28;
Sem. II, 1928-29; 1929-32.
Reading, Pa. Prepared by the High School, Reading.
- BAKER, EMMA JOSEPHINE 1931-32.
Narberth, Pa. Prepared by the Lower Merion Senior High School, Ardmore, Pa. Lower Merion High School Scholar, 1931-32.
- BALDWIN, HELEN ELIZABETH 1930-32.
Montclair, N. J. Prepared by the Montclair High School.
- BALIS, NANCY MARIA *Major, English*, 1928-30; 1931-32.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- BALMER, LOUISE CONGDON *Major, Psychology*, 1929-32.
La Jolla, Calif. Prepared by the Bishop's School, La Jolla. Alumnae Regional Scholar, 1929-32.
- BALOUGH, CHARLOTTE VIRGINIA *Major, Psychology*, 1929-32.
Canton, Ohio. Prepared by the Baldwin School, Bryn Mawr.
- BARBER, JANET BARTON 1929-30; 1931-32.
Bethesda, Md. Prepared by the Madeira School, Fairfax County, Va.
- BARKER, ELIZABETH ROBERTS *Major, English*, 1928-32.
Norristown, Pa. Prepared by the Westtown School, Westtown, Pa. Alumnae Regional Scholar, 1928-31.
- BATES, ELIZABETH MAUNSELL 1931-32.
Summit, N. J. Prepared by Kent Place School, Summit.
- BEDINGER, MARY BUCHANAN 1931-32.
Philadelphia, Pa. Prepared by the Baldwin School, Bryn Mawr.
- BELL, HELEN GRAHAM *Major, History*, 1927-29;
Sem. II, 1929-30; 1930-31; *Sem. I*, 1931-32.
Hubbard Woods, Ill. Prepared by the North Shore Country Day School, Winnetka, Ill.
- BERG, CAROLINE FLORA *Major, History of Art*, 1929-32.
Portland, Ore. Prepared by the Catlin School, Portland.
- BERKELEY, ELLA KATHARINE *Major, French*, 1929-32.
New York City. Prepared by the Brearley School, New York City.
- BERNHEIMER, LEONORE *Major, History of Art*, 1928-32.
Germantown, Philadelphia. Prepared by the Germantown High School, Philadelphia.
- BEROLZHEIMER, MARGARET GELLA 1931-32.
New York City. Prepared by the Baldwin School, Bryn Mawr and the Fieldston School New York City.
- BERTOLET, RUTH 1930-32.
Philadelphia. Prepared by the Philadelphia High School for Girls. Trustees' Scholar, 1930-32.
- BILL, CATHERINE ADAMS 1931-32.
Cleveland, Ohio. Prepared by the Laurel School, Cleveland. Matriculation Scholar for the Western States and Alumnae Regional Scholar, 1931-32.

- BISHOP, BARBARA SWAN. 1930-32.
Mt. Airy, Philadelphia. Prepared by the Springside School, Chestnut Hill, Philadelphia.
- BLACK, SARA LOUISE. *Major, French*, 1928-32.
Peoria, Ill. Prepared by the Sunset Hill School, Kansas City, Mo. and the Misses Kirk's School, Bryn Mawr.
- BLYTH, BEATRICE HAMILTON. 1931-32.
Dongan Hills, Staten Island, N. Y. Prepared by Dongan Hall, Staten Island.
- BOOMSLITER, PEGGY. 1931-32.
Morgantown, W. Va. Prepared by the Morgantown High School and West Virginia University. Alumna Regional Scholar, 1931-32.
- BOWDITCH, SYLVIA CHURCH. 1929-32.
Jamaica Plain, Mass. Prepared by the Winsor School, Boston, Mass.
- BOWEN, LULA HOWARD. 1930-32.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1930-31.
- BOWIE, HELEN. 1930-32.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- BOYD, MARY KELLER. *Major, French*, 1930-32.
Columbia, S. C. Prepared by St. Catherine's School, Richmond, Va.
- BRADLEY, MALAESKA JANE. *Major, English*, 1929-32
Buffalo, N. Y. Prepared by Buffalo Seminary, Buffalo. Matriculation Scholar for New York, New Jersey and Delaware, 1929.
- BRADLEY, MARGARET ELEANOR. *Major, Philosophy*, 1928-32.
Brookline, Mass. Prepared by Hayes Court, Kent, England and the Winsor School, Boston, Mass. Alumna Regional Scholar, 1928-32. George Bates Hopkins Second Memorial Scholar in Music, 1929-32.
- BREDT, CATHERINE CORNTHWAITE. 1930-32.
West Orange, N. J. Prepared by the Shipley School, Bryn Mawr. Matriculation Scholar for Pennsylvania and the Southern States, 1930; Alumna Regional Scholar, 1930-32; George Bates Hopkins Memorial Scholar in Music, 1931-32.
- BRICE, MONICA. *Major, English*, 1928-32.
Bristol, Pa. Prepared by the Ogontz School, Rydal, Pa. Matriculation Scholar for Pennsylvania and the Southern States, 1928.
- BRIGGS, NANCY TUCKER. 1931-32.
Cincinnati, Ohio. Prepared by St. Timothy's, Cantonsville, Md.
- BRINKER, GLADYS LUCILLE. *Major, Latin*, 1928-32.
Youngstown, Ohio. Prepared by the Misses Kirk's School, Bryn Mawr.
- BRODERSEN, LELIA. 1929-32.
Cynwyd, Pa. Prepared by the Baldwin School, Bryn Mawr. Matriculation Scholar for Pennsylvania and the Southern States, 1929.
- BRONSON, JANE SPEESE. *Major, Economics*, 1929-32.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- BROWN, CHRISTINE McLAREN. 1930-32.
Brooklyn, N. Y. Prepared by the Packer Collegiate Institute, Brooklyn.
- BROWN, CLARISSA BROWNING. *Major, German*, 1928-32.
Moorestown, N. J. Prepared by the Westtown School, Westtown, Pa.
- BROWN DOROTHY JANE. *Major, Chemistry*, 1928-32.
Red Bank, N. J. Prepared by the Shipley School, Bryn Mawr; Sheelah Kilroy Memorial Scholar in English, 1931-32.
- BROWN, HALLA. 1930-32.
Boston, Mass. Prepared by the Winsor School, Boston. Matriculation Scholar for the New England States, 1930.
- BROWN, HELEN ELIZABETH. *Sem. I*, 1931-32.
Bala, Pa. Prepared by Springside, Chestnut Hill, Pa.
- BRUES, ALICE MOSSIE. 1929-32.
Jamaica Plain, Mass. Prepared by the Girls' Latin School, Boston, Mass. Matriculation Scholar for the New England States, 1929; Alumna Regional Scholar, 1929-32; Maria Hopper Sophomore Scholar, 1930-31.

- BUCHER, NANCY LESLIE RUTHERFORD.....1931-32.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1931-32.
- BURNAM, MARY.....*Major, French*, 1928-32.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- BURNETT, ANNE ELIZABETH.....*Major, Politics*, 1928-30; 1931-32.
St. Louis, Mo. Prepared by the John Burroughs School, St. Louis. Alumnae Regional Scholar, 1928-30; 1931-32. Book Shop Scholar, 1929-30.
- BUSSER, BETH CAMERON.....*Major, German*, 1929-32.
York, Pa. Prepared by the High School, York and the Misses Kirk's School, Bryn Mawr. Book Shop Scholar, 1930-31; Mary E. Stevens Scholar, 1931-32.
- BUTLER, BEATRICE.....1930-32.
Boston, Mass. Prepared by the May School, Boston.
- BUTTERWORTH, VIRGINIA.....*Major, Economics*, 1928-32.
West Hartford, Conn. Prepared by the Ethel Walker School, Simsbury, Conn.
- BRYNE, EDITH ASHWORTH.....*Major, Economics*, 1928-32.
Staten Island, N. Y. Prepared by the Curtis High School, New York and Dongan Hall, Staten Island. Book Shop Scholar, 1930-31; Elizabeth Wilson White Memorial Scholar, 1931-32.
- CAMERON, YVONNE GUYOT.....*Major, French*, 1928-32.
Princeton, N. J. Prepared by Miss Fine's School, Princeton. Alumnae Regional Scholar, 1928-32.
- CAMPBELL, PATRICIA MAUREEN.....1931-32.
New York, N. Y. Prepared by Miss Chandor's School, New York.
- CANDEE, CECELIA DOUGLAS.....*Major, Psychology*, 1929-32.
Evanston, Ill. Prepared by the Evanston Township High School, Evanston. Alumnae Regional Scholar, 1929-30; 1931-32; James E. Rhoads Sophomore Scholar, 1930-31; James E. Rhoads Junior Scholar, 1931-32.
- CARPENTER, MARY DOUGLAS.....*Major, French*, 1930-32.
St. Louis, Mo. Prepared by the John Burroughs School, St. Louis, Mo. and the Baldwin School, Bryn Mawr.
- CARSON, EMMELINE MARGARET.....*Major, Mathematics*, 1929-32.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- CARTER, FRANCES.....1930-32.
Washington, D. C. Prepared by the Holton-Arms School, Washington.
- CHALFANT, ELEANOR MURDOCH.....*Major, Latin*, 1929-32.
Pittsburgh, Pa. Prepared by the Peabody High School, Pittsburgh. Alumnae Regional Scholar, 1929-32; Minnie Murdoch Kendrick Memorial Scholar, 1930-32.
- CHAMBERLAYNE, ELIZABETH CLAIBORNE.....1931-32.
Richmond, Va. Prepared by St. Catherine's School, Richmond. Alumnae Regional Scholar, 1931-32.
- CHAPMAN, ELINOR STICKNEY.....*Major, French*, 1929-31.
Lake Forest, Ill. Prepared by St. Timothy's, Cantonsville, Md. Junior year in France.
- CHAPPELL, LORETTO LAMAR.....1929-32.
Columbus, Ga. Prepared by the Baldwin School, Bryn Mawr.
- CHARLTON, MARY ELIZABETH.....1930-32.
Proctorsville, Vt. Prepared by the National Cathedral School, Washington, D. C.
- CHASE, MARY HARLEMAN.....*Major, Classical Archaeology*, 1929-32.
Bethlehem, Pa. Prepared by the Baldwin School, Bryn Mawr.
- CHENEY, ELEANOR FAVILL.....1931-32.
Winnetka, Ill. Prepared by the North Shore Country Day School, Winnetka.
- CHURCH, GABRIEL BROOKE.....*Major, History*, 1930-32.
Westport, Conn. Prepared by the Hillside School, Norwalk, Conn.
- CLARK, TIRZAH MAXWELL.....*Major, German*, 1929-32.
Quebec, Canada. Prepared by the Cambridge-Haskell School, Cambridge, Mass. Alumnae Regional Scholar, 1929-32.
- CLEWS, LETA.....*Major, French*, 1929-32.
New York City. Prepared by Miss Chapin's School, New York City.

- CLUETT, FLORENCE.....1931-32.
Williamstown, Mass. Prepared by the Ethel Walker School, Simsbury, Conn.
- COHEN, MAIZIE-LOUISE.....*Major, English*, 1929-32.
Pittsburgh, Pa. Prepared by the Baldwin School, Bryn Mawr.
- COLE, MARGARET BURNS.....1931-32.
Philadelphia. Prepared by the Philadelphia High School for Girls.
- COLEMAN, CONSTANCE.....1930-32.
South Hingham, Mass. Prepared by the Hingham High School and Thayer Academy,
South Braintree, Mass.
- COLIE, ELIZABETH SOPHIA.....1931-32.
South Orange, N. J. Prepared by the Columbia High School, South Orange.
- COLLIER, MARGARET FRANCES.....*Major, French*, 1929-32.
St. Martins, Philadelphia. Prepared by the Springside School, Chestnut Hill, Philadelphia.
- COLLINS, ELLINOR HILL.....*Major, Economics*, 1929-32.
Bryn Mawr. Prepared by the Agnes Irwin School, Philadelphia and the Connecticut
College for Women.
- COMPTON, CLARISSA CLEVELAND...*Major, Classical Archaeology*, 1928-32.
Cragmoor, N. Y. Prepared by Miss Wright's School, Bryn Mawr and Rosemary Hall,
Greenwich, Conn.
- CONVERSE, ELIZABETH.....*Major, Psychology*, 1928-32.
Rosemont, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- COOKE, MARY WARNER.....1930-32.
Washington, D. C. Prepared by the National Cathedral School, Washington.
- COOKE, VIRGINIA PARKER.....1931-32.
Washington, D. C. Prepared by Rosemary Hall, Greenwich, Conn.
- COPE, SARAH PERKINS.....1931-32.
Mt. Airy, Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.
- CORLISS, HELEN BALL.....1930-32.
Philadelphia. Prepared by the West Philadelphia High School and the Misses Kirk's
School, Bryn Mawr. Book Shop Scholar, 1931-32.
- CORNISH, MIRIAM.....1930-32.
Little Rock, Ark. Prepared by the Little Rock High School and the Misses Kirk's School,
Bryn Mawr.
- CORNISH, SYLVIA.....*Major, Politics*, 1929-32.
Little Rock, Ark. Prepared by the Little Rock High School.
- COUGHLIN, LENCHEN VERNER.....1930-32.
Wilkes-Barre, Pa. Prepared by the Wilkes-Barre Institute.
- COXE, MARIA MIDDLETON.....*Major, English*, 1930-32.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- CRANE, OLIVE CORDELIA.....*Major, English*, 1928-32.
Wilmington, Del. Prepared by the Ethel Walker School, Simsbury, Conn.
- CROSS, EMILY REDMOND.....1931-32.
Bernardsville, N. J. Prepared by the Brearley School, New York.
- CRUMRINE, JANE.....*Major, English*, 1929-32.
Ben Avon, Pa. Prepared by the National Park Seminary, Forest Glen, Md. and the
Baldwin School, Bryn Mawr.
- CULBERTSON, JUNIA WILHELMINA.....1930-32.
Washington, D. C. Prepared by Santiago College, Chile and Miss Madeira's School,
Washington.
- CURTIS, MARY GLADSTONE.....1931-32.
Colorado Springs, Colo. Prepared by Miss Hall's School, Pittsfield, Mass.
- DANIELS, SUSAN.....1930-32.
Forest Hills, L. I., N. Y. Prepared by the Shipley School, Bryn Mawr.
- DANNENBAUM, MARGARET GIMBEL.....1930-32.
Oak Lane, Philadelphia. Prepared by the Oak Lane Country Day School.

- DARLINGTON, MARGARET JEANE.....*Major, Biology, 1929-32.*
Glen Ridge, N. J. Prepared by the Glen Ridge High School and the Misses Kirk's School,
Bryn Mawr.
- DAVIS, ELIZABETH.....1931-32.
South Euclid, Ohio. Prepared by the Laurel School, Cleveland, Ohio.
- DAVIS, EMILY LOUISE.....1930-32.
New York City. Prepared by the Fieldston School, New York City. Alumnae Regional
Scholar, 1930-32.
- DAVIS, REBECCA HEMPHILL.....*Major, History of Art, 1928-32.*
Elkridge, Md. Prepared by the Bryn Mawr School, Baltimore, Md. Bryn Mawr School
Scholar, 1928-29.
- DAVISON, EMELINE ELLIDA.....*Major, Classical Archaeology, 1928-32.*
New York City. Prepared by the Brearley School, New York City.
- DAVY, RUTH JOSEPHINE.....1931-32.
Princess Anne, Md. Prepared by the Bryn Mawr School, Baltimore.
- DENTON, ANNE PEACHY.....1931-32.
Cleveland Heights, Ohio. Prepared by the Laurel School, Cleveland.
- DETWILER, ALVA.....1930-32.
Philadelphia. Prepared by the Philadelphia High School for Girls. Trustees' Scholar,
1930-32.
- DE VARON, ANITA AURORA.....1930-32.
Boston, Mass. Prepared by the Girls' Latin School, Boston. Special Alumnae Regional
Scholar, 1930-31; Alumnae Regional Scholar, 1931-32.
- DE VARON, FELICITAS EMILY.....*Major, History, 1929-32.*
Boston, Mass. Prepared by the Girls' Latin School, Boston. Alumnae Regional Scholar,
1929-30; Mary Anna Longstreth Memorial Scholar, 1930-31.
- DEWES, GRACE HEDWIG.....*Major, French, 1928-29,*
Sem. II, 1929-30; 1930-32.
Chicago, Ill. Prepared by the Ethel Walker School, Simsbury, Conn.
- DICKERMAN, HONOUR REDINGTON.....1930-31; *Sem. II, 1931-32.*
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- DODGE, MIRIAM THURLOW.....*Major, History of Art, 1929-32.*
Boston, Mass. Prepared by the Winsor School, Boston.
- DONALD, JEAN DITMARS.....*Major, History, 1927-28.*
Sem. II, 1928-29; Sem. I, 1929-30; 1930-32.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- DOUGLAS, LUCY CLABAUGH.....1931-32.
Overbrook, Pa. Prepared by the Shipley School, Bryn Mawr.
- DOWLING, GRACE.....*Major, Latin, 1929-32.*
Philadelphia. Prepared by the Philadelphia High School for Girls. Fred Gowing
Memorial Scholar, 1929-30; Philadelphia Board of Education Scholar, 1929-30.
- DRAKE, CORNELIA HARSELL.....*Major, French, 1929-32.*
Miami, Fla. Prepared by the Shipley School, Bryn Mawr.
- DUANY, CARMEN.....1930-32.
New York City. Prepared by the Nightingale-Bamford School, New York City.
- DUBREUIL, CLARISSE ADELE.....*Major, Latin, 1927-29; 1930-32.*
Santa Clara, Cuba. Prepared by St. Mary's School, Raleigh, N. C. and the Harcum School,
Bryn Mawr.
- EATON, ELIZABETH ANNE.....1931-32.
Northfield, Ohio. Prepared by the Hathaway-Brown School, Cleveland.
- ECKARDT, ISABEL FLORENCE.....*Major, Latin, 1929-32.*
Great Neck, N. Y. Prepared by the Great Neck High School.
- ECKSTEIN, ELEANOR RAPHAEL.....*Major, French, 1929-32.*
New York City. Prepared by the Low and Heywood School, Stamford, Conn.
- EDWARDS, ELIZABETH MARGERY.....1931-32.
West Roxbury, Mass. Prepared by the Girls' Latin School, Boston. Alumnae Regional
Scholar, 1931-32.

- EDWARDS, ELIZABETH STUART. *Major, Economics, 1929-32.*
Dallas, Tex. Prepared by the Hockaday School, Dallas and the Baldwin School, Bryn Mawr.
- EINSIEDLER, CHARLOTTE BEATRICE. *Major, English, 1928-32.*
Stirling, Morris Co., N. J. Prepared by Kent Place School, Summit, N. J. Matriculation Scholar for New York, New Jersey and Delaware, 1928-29; Sheelah Kilroy Memorial Scholar in English, 1930-31.
- ELLIOTT, MARIE-LUISE. *Major, History of Art, 1929-32.*
Hartford, Conn. Prepared by the Walnut Hill School, Natick, Mass. and the Baldwin School, Bryn Mawr.
- ENGLÉ, PAULINE BUBE. *Major, Chemistry, 1928-32.*
Mount Joy, Pa. Prepared by the Mount Joy High School and the Misses Kirk's School, Bryn Mawr.
- ESTERLY, LOUISE JACKSON. *Major, English, 1929-32.*
Portland, Ore. Prepared by the Catlin School, Portland.
- EVANS, MARGARET WARING. *Major, Psychology, 1928-32.*
Haverford, Pa. Prepared by the Germantown Friends' School, Philadelphia.
- EVERS, LUISE HEDWIG. *Major, German, 1928-32.*
Baltimore, Md. Prepared by the Philadelphia High School for Girls. Charles E. Ellis Scholar, 1928-32.
- FAETH, BETTY. 1931-32.
Kansas City, Mo. Prepared by the Sunset Hill School, Kansas City.
- FAIN, ELIZABETH. *Major, French, 1930-32.*
Greenwich, Conn. Prepared by the Shipley School, Bryn Mawr.
- FAIRBANK, LUCY FITZHUGH. 1931-32.
Chicago, Ill. Prepared by the Wright School, Bryn Mawr.
- FERGUSON, DONITA. *Major, History of Art, 1927-28;*
Sem. II, 1928-29; 1929-31; Sem. I, 1931-32.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- FIELD, MARJORIE LILA. *Major, Philosophy, 1928-32.*
New York City. Prepared by Miss Nightingale's School, New York City.
- FINDLEY, ANNA MARTIN. 1930-32.
Altoona, Pa. Prepared by Highland Hall, Hollidaysburg, Pa.
- FLAGG, HARRIETT VALENTINE. *Major, English, 1929-32.*
Bangor, Maine. Prepared by the Baldwin School, Bryn Mawr. Alumnae Regional Scholar, 1929-30.
- FLANDERS, SARAH ELIZABETH. 1931-32.
New York City. Prepared by the Nightingale-Bamford School, New York City.
- FOOTE, MARY. *Major, Economics, 1928-32.*
New Haven, Conn. Prepared by the Shipley School, Bryn Mawr.
- FOUILHOX, ANITA CLARK. *Major, French, 1930-32.*
Short Hills, N. J. Prepared by the Kent Place School, Summit, N. J.
- FOX, KATHERINE LOUISE. 1930-32.
Philadelphia. Prepared by Friends' Central School, Overbrook, Pa.
- FRANCHOT, GERTRUDE VANVRANKEN. 1931-32.
Boston, Mass. Prepared by the Park School of Buffalo and Miss Lee's School, Boston.
- FRANCHOT, KATHARINE DUBOIS. *Major, History, 1928-32.*
Boston, Mass. Prepared by Concord Academy, Concord, Mass.
- FRASER, SARAH. 1930-32.
Morristown, N. J. Prepared by the Brearley School, New York City.
- FUNKHOUSER, ANN POAGE. *Major, French, 1929-32.*
Roanoke, Va. Prepared by St. Catherine's School, Richmond, Va.
- FURNESS, ADELINE FASSITT. 1931-32.
Washington, D. C. Prepared by the Holton-Arms School, Washington.

- GALLAUDET, DENISE.....*Major, Italian*, 1928-32.
East Greenwich, R. I. Prepared by the Ethel Walker School, Simsbury, Conn.
- GARDNER, JULIA GOODALL.....1930-32.
Brookline, Mass. Prepared by the Winsor School, Boston, Mass.
- GATES, VIRGINIA LLOYD.....1931-32.
Philadelphia, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.
- GATESON, MARIANNE AUGUSTA.....1930-32.
Philadelphia, Pa. Prepared by the Bethlehem High School. Alumnae Regional Scholar, 1930-32; Mary Anna Longstreth Scholar, 1931-32.
- GAY, CATHERINE GALLATIN.....1929-30; *Sem. I*, 1930-31; 1931-32.
Narberth, Pa. Prepared by the Shipley School, Bryn Mawr.
- GERHARD, DOROTHY EUSTIS.....1930-32.
Winnetka, Ill. Prepared by the North Shore Country Day School, Winnetka. Alumnae Regional Scholar, 1930-32.
- GIBBS, SARAH ELIZABETH.....*Major, Italian*, 1929-32.
Huntsville, Tex. Prepared by the Shipley School, Bryn Mawr.
- GILL, CONSTANCE...*Major, French*, 1928-30; *Sem. II*, 1930-31; 1931-32.
Ocean City, Md. Prepared by the Bryn Mawr School, Baltimore.
- GILL, ELIZABETH.....*Major, History of Art*, 1928-30;
Sem. I, 1930-31; 1931-32.
Milwaukee, Wis. Prepared by Milwaukee-Downer Seminary, Milwaukee.
- GILL, HELEN GERTRUDE.....*Major, French*, 1930-32.
Glencoe, Ill. Prepared by Ferry Hall, Ill. and the Baldwin School, Bryn Mawr.
- GLANCY, ETHEL ARNOLD.....1931-32.
Brookline, Pa. Prepared by the Haverford Township High School, Brookline.
- GOETZ, JOSEPHINE SHAW.....*Major, Economics*, 1928-32.
Ocean City, N. J. Prepared by the Ocean City High School and the Misses Kirk's School, Bryn Mawr.
- GOLDWASSER, BETTI CAROLYN.....1930-32.
New York City. Prepared by the Fieldston School, New York City. Alumnae Regional Scholar, 1930-32; Maria Hopper Sophomore Scholar, 1931-32.
- GOODHART, PHYLLIS WALTER.....1931-32.
Overbrook, Pa. Prepared by the Brearley School, New York. Matriculation Scholar for New York, New Jersey and Delaware, 1931.
- GRACE, EMILY RANDOLPH.....*Major, Greek*, 1929-32.
New York City. Prepared by the Brearley School, New York City.
- GRAHAM, SUSAN JORDAN.....*Major, Geology*, 1928-32.
Greenville, S. C. Prepared by the Madeira School, Fairfax County, Va.
- GRANT, ANNAMAE VIRGINIA.....*Major, Psychology*, 1929-32.
Elkins Park, Pa. Prepared by the Cheltenham High School, Pa. and the Cathedral School, Garden City, N. Y.
- GRANT, CLARA FRANCES.....*Major, English*, 1930-32.
Washington, D. C. Prepared by the Shipley School, Bryn Mawr.
- GRANT, MARY ELIZABETH.....*Major, Physics*, 1929-32.
Saginaw West Side, Mich. Prepared by the Madeira School, Fairfax County, Va.
- GRASSI, BRUNHILDE AMALIA CAROLINA.....*Major, History*, 1928-32.
Scarsdale, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn.
- GRATON, JOSEPHINE GOULD.....*Major, Classical Archaeology*, 1928-32.
Cambridge, Mass. Prepared by the Buckingham School, Cambridge.
- GRIBBEL, KATHARINE LATTA.....*Major, French*, 1930-32.
Chestnut Hill, Philadelphia. Prepared by the Springside School, Chestnut Hill and the Misses Kirk's School, Bryn Mawr.
- GUTMANN, ELIZABETH.....*Major, Economics*, 1928-32.
Norwalk, Conn. Prepared by the Thomas School, Rowayton, Conn.

- HALL, ELIZABETH MULFORD.....*Major, Psychology*, 1928-32.
Clayton, N. J. Prepared by Linden Hall, Pa. and the Harcum School, Bryn Mawr.
- HALSTEAD, SUZANNE.....1930-32.
New York City. Prepared by the Hillside School, Norwalk, Conn. Special Alumnae Regional Scholar, 1930-31; Alumnae Regional Scholar, 1931-32; Shulah Kilroy Memorial Scholar in English, 1931-32.
- HANNAH, ELIZABETH LUCIEMAY.....*Major, French*, 1928-30; 1931-32.
Norristown, Pa. Prepared by Friends' Select School, Philadelphia. Frances Marion Simpson Scholar, 1928-32. Junior year in France.
- HANNAN, JANET ELIZABETH.....1930-32.
Albany, N. Y. Prepared by the Albany Academy for Girls. Matriculation Scholar for New York, New Jersey, and Delaware, 1930; Alumnae Regional Scholar, 1930-32; Sheelah Kilroy Memorial Scholar in English, 1931-32.
- HANSEN, MAYSIE CATLIN.....*Major, Economics*, 1928-32.
Los Angeles, Calif. Prepared by the Ethel Walker School, Simsbury, Conn.
- HARDENBERGH, ALICE LEE.....*Major, History*, 1928-32.
Minneapolis, Minn. Prepared by Sunset Hill School, Kansas City, Mo.
- HARDIN, SUSAN POLK.....*Major, French*, 1928-30; 1931-32.
Lansdowne, Pa. Prepared by the Germantown High School, Philadelphia. Junior year in France. Alumnae Regional Scholar and Book Shop Scholar, 1931-32.
- HARMAN, EUGENIA SHERROD.....*Major, English*, 1928-32.
Washington, D. C. Prepared by Mary Baldwin Seminary, Staunton, Va.
- HART, ELLEN NANCY.....*Major, History*, 1930-32.
Bloomfield, N. J. Prepared by the Bloomfield High School.
- HASKELL, MARGARET LOUISE.....1930-32.
Chestnut Hill, Mass. Prepared by the Brimmer School, Boston, Mass.
- HATFIELD, ELINOR ROSE.....*Major, History*, 1928-32.
Danville, Ill. Prepared by the Faulkner School, Chicago, Ill. Elizabeth Duane Gillespie Scholar in American History and the Charles S. Hinchman Memorial Scholar, 1931-32.
- HAWKS, ANNE GOODRICH.....1931-32.
Summit, N. J. Prepared by the Kent Place School, Summit. Alumnae Regional Scholar, 1931-32.
- HAYES, MARIE VANVECHTEN.....1931-32.
Middletown, N. J. Prepared by the Brearley School, New York.
- HELLMER, ISABELLA MARIE.....*Major, Geology*, 1929-32.
Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.
- HEMPHILL, LYDIA CORNWELL.....1931-32.
West Chester, Pa. Prepared by the Baldwin School, Bryn Mawr.
- HIRONS, CORNELIA POST.....*Major, Biology*, 1930-32.
New York City. Prepared by Rosemary Hall, Greenwich, Conn. and the Spence School, New York City.
- HOBART, VIRGINIA.. *Major, History*, 1927-29; *Sem. II*, 1929-30; 1930-31;
Sem. I, 1931-32.
Winnetka, Ill. Prepared by the North Shore Country Day School, Winnetka and by the Ethel Walker School, Simsbury, Conn.
- HOLDEN, GRACE.....*Major, German*, 1928-32.
Baldwin Harbor, Long Island, N. Y. Prepared by the Misses Kirk's School, Bryn Mawr.
- HOLLOWAY, ANNE CASSEL.....1931-32.
Chevy Chase, Md. Prepared by the Madeira School, Fairfax County, Va.
- HOLT, MARIE ADELAIDE.....1931-32.
Wynnewood, Pa. Prepared by the Lower Merion Senior High School and Goucher College.
- HOPE, MARIAN TALCOTT.....1930-32.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- HOPKINSON, JOAN.....1931-32.
Manchester, Mass. Prepared by the Winsor School, Boston.
- HORN, NANCY SCHUYLER.....1931-32.
Paterson, N. J. Prepared by the Kent Place School, Summit, N. J.

- HOUSTON, HELEN BEALE. . . . *Major, English*, 1929-31; *Sem. I*, 1931-32.
New York City. Prepared by the Brearley School, New York City.
- HOWE, PRISCILLA. 1931-32.
Fulton, N. Y. Prepared by the Fulton High School and the Shipley School, Bryn Mawr.
- HUGER, PAULINE. *Major, Mathematics*, 1928-32.
Charleston, S. C. Prepared by the Bryn Mawr School, Baltimore, Md. Abby Slade
Brayton Durfee Scholar, 1929-30; Book Shop Scholar, 1931-32.
- HUNTER, HARRIETTE. *Major, Psychology*, 1929-32.
Evanston, Ill. Prepared by the Evanston Township High School, Evanston.
- HUNTER, LAURA NORTH. *Major, Biology*, 1928-32.
Philadelphia. Prepared by the Phebe Anna Thorne School, Bryn Mawr.
- HUPFEL, SALLY MUNRO. 1931-32.
New Haven, Conn. Prepared by the Emma Willard School, Troy, N. Y.
- HURD, LAURA. 1930-32.
Nutley, N. J. Prepared by the Kimberley School, Montclair, N. J. and the Mary C.
Wheeler School, Providence, R. I.
- ILOTT, ETHEL JOYCE. *Major, Latin*, 1929-32.
Bryn Mawr. Prepared by the Lower Merion High School, Ardmore, Pa. Lower Merion
High School Scholar, 1929-32.
- JACKSON, ELIZABETH BETHUNE. *Major, Biology*, 1929-32.
Boston, Mass. Prepared by the Winsor School, Boston.
- JAMES, ROSELLA. 1931-32.
Philadelphia, Pa. Prepared by the Frankford High School, Philadelphia.
- JARRETT, OLIVIA HEATHER. 1930-32.
Princeton, N. J. Prepared by the Greenwood School, Ruxton, Md.
- JONES, FRANCES FOLLIN. 1930-32.
New York City. Prepared by the Friends' Seminary, New York City.
- JONES, MARY PAULINE. 1931-32.
Scranton, Pa. Prepared by the Central High School, Scranton. Scranton College Club
Scholar and Alumnae Regional Scholar, 1931-32.
- JONES, SALLIE. *Major, History*, 1930-32.
Granville, Ohio. Prepared by Rosemary Hall, Greenwich, Conn.
- KALBACH, DOROTHY LOUISE. 1930-32.
Reading, Pa. Prepared by the Reading High School.
- KENDIG, MARJORIE JANE. *Major, Classical Archaeology*, 1929-32.
Port Chester, N. Y. Prepared by the Knox School, Cooperstown, N. Y.
- KENT, ELIZABETH. 1931-32.
Brookline, Mass. Prepared by the Winsor School, Boston.
- KIBBEY, JULIET BECKFORD. 1931-32.
Sonora, Mexico. Prepared by the Bishop's School, La Jolla, Calif.
- KIEL, KATHERINE RUTH. 1931-32.
Milwaukee, Wis. Prepared by the Milwaukee-Downer Seminary, Wis.
- KINDLEBERGER, ELIZABETH RANDALL. *Major, Economics and Politics*,
1929-32.
Flushing, Long Island, N. Y. Prepared by Miss Chandor's School, New York City.
- KNAPP, ELIZABETH. *Major, History*, 1928-32.
New York City. Prepared by the Madeira School, Fairfax County, Va.
- KORFF, BARBARA. *Major, Economics*, 1929-32.
Washington, D. C. Prepared by the Madeira School, Fairfax County, Va.
- KRUSE, KATHERINE NAN. *Major, Philosophy*, 1929-32.
Enid, Okla. Prepared by the Enid High School and the University of Wisconsin. Con-
stance Lewis Memorial Scholar, 1931-32.
- LAIRD, MARGARET ELIZABETH. 1931-32.
Pittsburgh, Pa. Prepared by the Thurston Preparatory School, Pittsburgh.

- LANDRETH, LOUISE SWAIN.....*Major, Latin*, 1930-32.
Bristol, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- LANE, NANCY BERTHA..... 1931-32.
Seattle, Wash. Prepared by the St. Nicholas School, Seattle and the Garden Country Day School, Long Island, N. Y.
- LAUDENBERGER, MARY ELIZABETH..... 1930-32.
Phillipsburg, N. J. Prepared by the Phillipsburg High School. Maria Hopper Sophomore Scholar, 1931-32.
- LEE, ALEXANDRA.....*Major, History*, 1929-32.
Leesburg, Va. Prepared by the Holton-Arms School, Washington.
- LEE, MARJORIE ELIZABETH.....*Major, English*, 1930-32.
Cynwyd, Pa. Prepared by the Shipley School, Bryn Mawr.
- LEFFERTS, KATE CARTERET.....*Major, History of Art*, 1929-32.
New York City. Prepared by Miss Chapin's School, New York City.
- LEIDY, HELEN WEST RIDGELY.....*Major, History of Art*, 1929-32.
Towson, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- LE SAULNIER, JEANNETTE ELIZABETH..... 1929-32.
Indianapolis, Ind. Prepared by the Shortridge High School, Indianapolis. Alumnae Regional Scholar, 1929-32; Book Shop Scholar, 1930-31; Alice Ferree Hayt Memorial Award, 1930-32.
- LEVIN, EVA LEAH..... 1929-30; 1931-32.
Baltimore, Md. Prepared by the Forest Park High School, Baltimore. Alumnae Regional Scholar, 1929-30; 1931-32.
- LEWIS, BARBARA..... 1931-32.
New York City. Prepared by the Brearley School, New York City.
- LITTLE, BETTY CLARK..... 1931-32.
Griffin, Ga. Prepared by the Madeira School, Fairfax County, Va. Matriculation Scholar for Pennsylvania and the Southern States, 1931.
- LITTLE, CATHERINE..... 1931-32.
Boston, Mass. Prepared by the Winsor School, Boston.
- LOYD-JONES, CAROLINE.....*Major, French*, 1929-31.
Madison, Wis. Prepared by the Western High School, Washington, D. C. and the University High School, Madison. Alumnae Regional Scholar, 1929-32. Junior Year in France.
- LOMBARDI, CAROLYN ENNIS.....*Major, English*, 1928-30; 1931-32.
San Francisco, Calif. Prepared by Miss Ransom and Miss Bridge's School, Piedmont, Calif.
- LONGACRE, GERTRUDE RADCLIFFE.....*Major, Mathematics*, 1929-32.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia. Alumnae Regional Scholar, 1929-32.
- LORD, BETTY..... 1931-32.
Peoria, Ill. Prepared by the King-Smith Studio School, Washington, D. C. and Kemper Hall, Kenosha, Wis.
- LUKENS, ANNE BROCKIE..... 1931-32.
Conshohocken, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- MACAULEY, BARBARA..... 1931-32.
Burlingame, Calif. Prepared by the Katharine Branson School, Ross, Calif. and the Chatelard School, Montreux, Switzerland.
- MACCOUN, MARY.....*Major, History*, 1928-32.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- MACCURDY, NORA..... 1931-32.
Pasadena, Calif. Prepared by the Bishop's School, La Jolla, Calif.
- MACKENZIE, ELIZABETH MURRAY..... 1930-32.
Pittsburgh, Pa. Prepared by the Allegheny High School, Pittsburgh. Alumnae Regional Scholar, 1930-32; James E. Rhoads Sophomore Scholar, 1931-32.
- MACMASTER, EMMA DELPHINE.....*Major, History*, 1930-32.
Philadelphia. Prepared by the Oak Lane Country Day School and Goucher College.

- MARKELL, JEANNETTE *Major, Italian*, 1929-32.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- MARSH, MARGARET *Major, Philosophy*, 1930-32.
Southport, Conn. Prepared by the Ethel Walker School, Simsbury, Conn.
- MARSHALL, JANET ATLANTIS *Major, History*, 1929-32.
Hubbard Woods, Ill. Prepared by the New Trier Township High School, New Trier, Ill.
- MATHER, ELIZABETH DAVIE 1931-32.
Bryn Mawr, Pa. Prepared by the Baldwin School, Bryn Mawr.
- MAY, JANE HOPKINSON 1931-32.
Baltimore, Md. Prepared by the Roland Park Country School, Baltimore.
- McCLELLAND, KATHERINE *Major, History*, 1928-32.
Oklahoma City, Okla. Prepared by the Madeira School, Fairfax County, Va. Elizabeth
Duane Gillespie Scholar in American History, 1931-32.
- McCORMICK, CATHERINE CHRISTINE 1931-32.
Harrisburg, Pa. Prepared by the Seiler School, Harrisburg.
- McCORMICK, LOUISE 1930-32.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- McCracken, Matilda *Major, History*, 1929-32.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- McCULLY, WINIFRED HARTWELL *Major, Economics*, 1928-32.
Orange, N. J. Prepared by Miss Beard's School, Orange.
- McELDOWNNEY, HELEN 1931-32.
Philadelphia, Pa. Prepared by Friends' Select School, Philadelphia.
- McIVER, CORA LOUISE *Major, French*, 1930-32.
Washington, D. C. Prepared by the Holton-Arms School, Washington.
- MEAD, ELIZABETH LADD *Major, Economics*, 1929-32.
New York City. Prepared by the Brearley School, New York City.
- MEDRICK, ISABELLE STEELE *Major, English*, 1930-32.
Port Jervis, N. Y. Prepared by the Port Jervis High School and the Misses Kirk's School,
Bryn Mawr.
- MEEHAN, GRACE WICKHAM 1930-32.
New York City. Prepared by the Academy of the Sacred Heart, New York City and
Kent Place School, Summit, N. J.
- MEEHAN, MABEL FRANCES *Major, Latin, Sem. I*, 1928-29, 1929-32.
Gwynedd Valley, Pa. Prepared by the Philadelphia High School for Girls. Trustees'
Scholar, 1928-32; Pennsylvania State Scholar, 1929-32; Constance Lewis Memorial
Scholar, 1930-31; Anna Hallowell Memorial Scholar, 1931-32.
- MEIRS, ELIZABETH WALN, 3RD 1931-32.
New Egypt, N. J. Prepared by St. Mary's Hall, Burlington, N. J.
- MENEELY, ELIZABETH LOUISE 1930-32.
Troy, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn. George Bates Hop-
kins Memorial Scholar in Music, 1931-32.
- MESSIMER, FRANCES WRIGHT 1931-32.
Grosse Pointe Farms, Mich. Prepared by St. Catherine's School, Richmond, Va.
- MILES, SARA BACHE 1930-32.
Baltimore, Md. Prepared by the Roland Park Country Day School, Baltimore.
- MILLIKEN, RUTH KNOWLES *Major, Physics*, 1928-32.
North Dighton, Mass. Prepared by St. Genevieve-of-the-Pines, S. C. and by House in the
Pines, Norton, Mass.
- MITCHELL, HARRIET JEAN *Major, Chemistry*, 1930-32.
Duluth, Minn. Prepared by the Duluth Central High School and the Misses Kirk's
School, Bryn Mawr.
- MITCHELL, KATE LOUISE *Major, History*, 1928-32.
Buffalo, N. Y. Prepared by the Westover School, Middlebury, Conn.
- MITCHELL, MARION GARDINER 1930-32.
Rock Island, Ill. Prepared by Rosemary Hall, Greenwich, Conn.

- MONROE, ELIZABETH 1931-32.
Rye, N. Y. Prepared by Concord Academy, Concord, Mass.
- MOORE, HARRIET LUCY *Major, Economics*, 1928-32.
Hubbard Woods, Ill. Prepared by the North Shore Country Day School, Winnetka, Ill.
Maria L. Eastman Brooke Hall Memorial Scholar, 1931-32.
- MORE, CATHERINE ELMER *Major, French*, 1928-32.
Cincinnati, Ohio. Prepared by the Ethel Walker School, Simsbury, Conn.
- MORGAN, DIANA SPOFFORD 1931-32.
New York City. Prepared by the Brearley School, New York City and the St. Felix
School, England.
- MORRISON, JEANNE 1931-32.
Quincy, Mass. Prepared by Thayer Academy, S. Braintree, Mass. Alumnae Regional
Scholar, 1931-32.
- MORROW, ELIZABETH MARGARET 1931-32.
Caldwell, N. J. Prepared by the Grover Cleveland High School, Caldwell. Alumnae
Regional Scholar, 1931-32.
- MORSE, SUSAN HALLOWELL 1931-32.
Weston, Mass. Prepared by the Winsor School, Boston.
- MUELLER, GRETCHEN BRIGHT *Major, Chemistry*, 1928-32.
Chicago, Ill. Prepared by the High School, Jenkintown, Pa. Mary E. Stevens Scholar,
1930-31; Anna M. Powers Memorial Scholar and Elizabeth S. Shippen Scholar in
Science, 1931-32.
- MULLEN, EILEEN OTTO *Major, French*, 1929-31.
Chestnut Hill, Philadelphia. Prepared by the Germantown High School, Philadelphia.
Frances Marion Simpson Scholar, 1929-32. Junior year in France.
- NAKAMURA, SHIZU 1931-32.
Shigaken, Japan. Prepared by Tsuda College, Japan and the Misses Kirk's School, Bryn
Mawr. Japanese Scholar and the Misses Kirk's Scholar, 1931-32.
- NELSON, DOROTHY HAVILAND 1930-32.
San Francisco, Calif. Prepared by the Katharine Branson School, Ross, Calif. Matricu-
lation Scholar for the Western States, 1930; Alumnae Regional Scholar, 1930-32.
- NICHOLS, ADELE LOWBER *Major, History*, 1928-32.
Philadelphia. Prepared by the Philadelphia High School for Girls and the Misses Kirk's
School, Bryn Mawr.
- NICHOLS, ELLEN SHEPARD *Major, Philosophy*, 1929-32.
Auburn, N. Y. Prepared by the Auburn Academic High School. Book Shop Scholar,
1930-32; Alumnae Regional Scholar, 1931-32.
- NICHOLS, MARY BLAKE 1930-32.
Garden City, L. I., N. Y. Prepared by the Shipley School, Bryn Mawr.
- NICOLL, NANCY FAY 1931-32.
Rye, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn. Matriculation
Scholar for the New England States, 1931.
- NOBLE, SUSAN VILETTE *Major, Politics*, 1928-32.
Fort Wood, N. Y. Prepared by the National Cathedral School, Washington, D. C.
Alumnae Regional Scholar, 1928-29.
- OLDACH, FREDERICA HERMINE *Major, Classical Archaeology*, 1929-32.
Penfield, Upper Darby, Pa. Prepared by the Haverford High School, South Ardmore, Pa.
and the Misses Kirk's School, Bryn Mawr. The Misses Kirk's Scholar, 1929-30.
- OPPENHEIMER, JANE MARION *Major, Biology*, 1928-32.
Providence, R. I. Prepared by the Mary C. Wheeler School, Providence.
- PAGE, LEILA CARY 1931-32.
Pinehurst, N. C. Prepared by the Ethel Walker School, Simsbury, Conn.
- PARKER, BEULAH *Major, German*, 1929-32.
Bloomfield, Conn. Prepared by the Ethel Walker School, Simsbury, Conn.
- PARNELL, GERTRUDE ANNETTA *Major, Mathematics*, 1930-32.
Philadelphia. Prepared by the Germantown High School. Frances Marion Simpson
Scholar, 1930-32; Pennsylvania State Scholar, 1930-32.

- PARSONS, ESTHER JANE. *Major, Chemistry*, 1930-32.
Weehawken, N. J. Prepared by Miss Ransom and Miss Bridges' School, Piedmont, Calif.
- PATTERSON, EVELYN MACFARLANE. 1930-32.
Evanston, Ill. Prepared by the Roycemore School, Evanston and Miss Wheeler's School, Providence, R. I.
- PAXSON, EMMA FELL. *Major, Economics*, 1928-32.
Madison, Wis. Prepared by the Wisconsin High School, Madison and the University of Wisconsin.
- PEEK, ADELINE CHASE. *Major, History of Art*, 1929-32.
Moline, Ill. Prepared by Rosemary Hall, Greenwich, Conn.
- PERKINS, DOROTHEA ECKFELDT. *Major, English*, 1928-32.
New York City. Prepared by the Dalton High School, New York City and Miss Fine's School, Princeton, N. J. Alumnae Regional Scholar, 1928-32.
- PERRY, REBECCA. 1931-32.
Dover, Mass. Prepared by the Westtown School, Westtown, Pa. and the Winsor School, Boston, Mass.
- PETTUS, FLORENCE. *Major, Psychology*, 1927-29; 1930-32.
St. Louis, Mo. Prepared by Mary Institute, St. Louis.
- PIER, KATHARINE DOANE. *Major, History*, 1929-32.
Hewlett, Long Island, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn.
- PINKERTON, ELEANOR COULSON. *Major, History of Art*, 1928-29; 1930-32.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- PLEASANTS, ELIZABETH. *Major, History*, 1928-32.
Baltimore, Md. Prepared by St. Timothy's School, Catonsville, Md. Book Shop Scholar, 1930-31; Thomas H. Powers Memorial Scholar, 1931-32.
- PLEASANTON, FRANCES. 1930-32.
Brookline, Mass. Prepared by the Lee School, Boston, Mass. Special Alumnae Regional Scholar 1930-31; Alumnae Regional Scholar and Book Shop Scholar, 1931-32.
- POLACHEK, JANE EVELYN. *Major, French*, 1930-32.
New York City. Prepared by the Horace Mann High School, New York City.
- PORTER, JEAN CORNELIA. 1931-32.
New York City. Prepared by Miss Chapin's School, New York.
- PRUGH, RUTH ELIZABETH. *Major, Latin*, 1929-32.
Batavia, N. Y. Prepared by the Batavia High School.
- PUTNAM, PATRICIA. *Major, History*, 1928-32.
Jamaica Plain, Mass. Prepared by the Lee School, Boston, Mass. Book Shop Scholar, 1929-30.
- RALSTON, CONSTANCE. *Major, Spanish*, 1928-32.
Washington, D. C. Prepared by Kew Forest School, Long Island, N. Y.
- RASCH, MARY KATHERINE. *Major, Biology*, 1928-32.
Narberth, Pa. Prepared by Friends' Central School, Philadelphia, and the Baldwin School, Bryn Mawr.
- RAWSON, PRISCILLA. *Major, German*, 1928-32.
Kent, Conn. Prepared by the Brearley School, New York City.
- REINHARDT, MARGARET. *Major, English*, 1928-32.
Wilmington, Del. Prepared by the Misses Hebb's School, Wilmington and the Kent Place School, Summit, N. J.
- REMINGTON, EVELYN WARING. *Major, History*, 1929-32.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- RENNER, ELEANOR GERTRUDE GEORGE. *Major, Philosophy*, 1928-32.
New York City. Prepared by the Girls' Latin School, Boston, Mass. James E. Rhoads Sophomore Scholar, 1929-30; James E. Rhoads Junior Scholar, 1930-31; Amelia Richards Memorial Scholar, 1931-32.
- REUTING, RUTH ELIZABETH. *Major, German*, 1929-32.
Titusville, Pa. Prepared by the Madeira School, Fairfax County, Va.
- RHODES, GERALDINE EMELINE. 1931-32.
Belleville, N. J. Prepared by the Belleville High School. American Chemical Society Scholar, 1931-32.

- RICHARDS, MARIE ANN..... 1931-32.
Philadelphia, Pa. Prepared by the Gordon-Roney School, Philadelphia and the Agnes Irwin School, Philadelphia.
- RICHARDSON, VIRGINIA..... *Major, German*, 1929-32.
Omaha, Nebr. Prepared by St. Timothy's School, Catonsville, Md.
- RIDER, ALICE WHITCOMB..... *Major, English*, 1928-32.
Jamaica Plain, Mass. Prepared by the Girls' Latin School, Boston, Mass. Matriculation Scholar for the New England States, 1928; Alumnae Regional Scholar, 1928-32; Book Shop Scholar, 1929-30; Abby Slade Brayton Durfee Scholar, 1930-31.
- RIGGS, MARY MAYNARD..... 1931-32
New York City. Prepared by the Brearley School, New York.
- RIGHTER, MARGARET MITCHELL..... 1930-32.
Princeton, N. J. Prepared by Miss Fine's School, Princeton.
- RIPLEY, HELEN..... 1931-32.
Andover, Mass. Prepared by Abbot Academy, Andover and La Marjolaine, Geneva, Switzerland.
- ROBB, CECILIA CALVERT..... *Major, French*, 1929-31.
Bethesda, Md. Prepared by the Madeira School, Fairfax County, Va. Junior year in France.
- ROBERT, ROSAMOND..... *Major, Mathematics*, 1929-32.
Roslindale, Mass. Prepared by the Girls' Latin School, Boston, Mass. Alumnae Regional Scholar, 1929-30.
- ROBINSON, CONSTANCE BATLES..... 1930-32.
Charleston, W. Va. Prepared by the Western High School, Washington and the Northampton School for Girls, Mass.
- ROBINSON, NANCY MACMURRAY..... 1931-32.
Washington, D. C. Prepared by Rosemary Hall, Greenwich, Conn.
- RORKE, HELYN TAYLOR..... 1930-32.
Abington, Pa. Prepared by the Abington High School.
- ROTHERMEL, JOSEPHINE BRYANT..... *Major, French*, 1930-32.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- RUSSELL, LILLIAN ALFREBELE..... *Major, Chemistry*, 1930-32.
Roxbury, Mass. Prepared by the Girls' Latin School, Boston, Mass. Alumnae Regional Scholar, 1930-32.
- RUTLEDGE, ELLA MIDDLETOWN..... *Major, Classical Archaeology*, 1928-32.
Charleston, S. C. Prepared by Dongan Hall, Staten Island, N. Y. Special Alumnae Regional Scholar, 1929-30.
- SANBORN, LUCY COBURN..... *Major, Psychology, Sem. I*, 1927-28; 1928-32.
Andover, Mass. Prepared by Abbott Academy, Andover. Matriculation Scholar for the New England States, 1927-28; Alumnae Regional Scholar, 1928-29; Anna Hallowell Memorial Scholar, 1930-31; Abby Slade Brayton Durfee Scholar and Charles S. Hinchman Memorial Scholar, 1931-32.
- SAPER, ENID CONSTANCE..... *Major, Latin*, 1928-32.
Brooklyn, N. Y. Prepared by the Friends' School, Brooklyn.
- SAVAGE, SUSAN MAY..... *Major, Latin*, 1929-32.
Audubon, N. J. Prepared by the Collingswood High School, Collingswood, N. J. and the Misses Kirk's School, Bryn Mawr. Book Shop Scholar, 1931-32.
- SCHAPIRO, BLANCHE ETHEL..... *Major, Psychology*, 1930-32.
New York City. Prepared by the Fieldston School, New York City, and Smith College.
- SCHWAB, CAROLINE OGDEN..... 1930-32.
New York City. Prepared by Milton Academy, Milton, Mass.
- SEYMOUR, BETTY LUCILLE..... 1931-32.
Salamanca, N. Y. Prepared by the Salamanca High School.
- SHAW, ELLEN HAND..... *Major, Philosophy*, 1928-32.
Merion, Pa. Prepared by the Lower Merion High School. Lower Merion High School Scholar, 1928-32.
- SHEBLE, STEPHANIE ENGEL..... *Major, English*, 1926-30; 1931-32.
Mt. Airy, Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.

- SHUTTLEWORTH, LUCILLE *Major, Biology*, 1928-32.
Richmond Hill, N. Y. Prepared by the Cathedral School of St. Mary, Garden City, N. Y.
- SICKLES, JANE ELIZABETH *Major, French*, 1928-30; 1931-32.
Cincinnati, Ohio. Prepared by the Hughes High School, Cincinnati. Maria Hopper
Sophomore Scholar, 1929-30. Junior year in France.
- SIMMS, PHYLIS JACQUELINE *Major, French*, 1928-32.
Washington, D. C. Prepared by the Maderia School, Fairfax County, Va.
- SIMPSON, MARGARET FLORENCE 1931-32.
Columbus, N. J. Prepared by Miss Harris' Florida School, Miami.
- SIXT, ELIZABETH HAAR *Major, German*, 1929-32.
East Cleveland, Ohio. Prepared by the Shaw High School, East Cleveland. Alumnae
Regional Scholar, 1929-32; Maria Hopper Sophomore Scholar, 1930-31.
- SMITH, BARBARA ELEANOR *Major, History*, 1930-32.
Brooklyn, N. Y. Prepared by the Packer Collegiate Institute, Brooklyn.
- SMITH, ESTHER ELIZABETH *Major, Biology*, 1930-32.
St. Paul, Minn. Prepared by Milwaukee-Downer Seminary, Wis. and L'Ecole Inter-
national, Switzerland.
- SMITH, MILDRED MARLIN 1931-32.
Altoona, Pa. Prepared by the Germantown High School, Philadelphia. Trustees' Scholar,
1931-32.
- SMITH, SARAH JENKINS *Major, English*, 1928-32.
Baltimore, Md. Prepared by the Roland Park Country Day School, Baltimore.
- SMYTH, EMILY BETTS 1929-32.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- SNEDICOR, KATHREN HELEN *Major, Classical Archaeology*, 1929-32.
Chicago, Ill. Prepared by the Morgan Park High School, Chicago and the Baldwin
School, Bryn Mawr.
- SNYDER, EMMALEINE ALBERTA 1930-32.
Shamokin, Pa. Prepared by the Shamokin High School and the Misses Kirk's School,
Bryn Mawr.
- SNYDER, MARY RUTH *Major, Chemistry*, 1930-32.
Brookville, Pa. Prepared by the Baldwin School, Bryn Mawr.
- SPEED, VIRGINIA HERNDON *Major, French*, 1928-32.
Louisville, Ky. Prepared by the Louisville Collegiate School.
- SQUIRE, NANCY WINSLOW 1930-32.
New York City. Prepared by the Wadleigh High School, New York City.
- STEVENSON, NANCY 1930-32.
Yonkers, N. Y. Prepared by the Shipley School, Bryn Mawr.
- STEWART, ANNE THOMAS 1931-32.
Short Hills, N. J. Prepared by Foxcroft, Middleburg, Va.
- STEWART, PATRICIA HILL *Major, Latin*, 1928-32.
Norwalk, Ohio. Prepared by the Norwalk High School and the Columbus School for Girls,
Columbus, Ohio. Matriculation Scholar for the Western States, 1928-29; Maria
Hopper Sophomore Scholar, 1929-30; Anna Powers Memorial Scholar, 1930-32.
- STONINGTON, ELEANOR MARY *Major, Biology*, 1928-32.
Staten Island, N. Y. Prepared by Dongan Hall, Staten Island.
- SUPPES, SARA ANN DIBERT *Major, History of Art*, 1930-32.
Johnstown, Pa. Prepared by the Harcum School, Bryn Mawr.
- SWAB, FLORENCE MILLER 1931-32.
Lancaster, Pa. Prepared by the Stevens High School, Lancaster and the Shippen School,
Lancaster.
- SWENSON, MARGRETA CURTIS *Major, Italian*, 1928-32.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- SWENSON, MARY CHARLOTTE *Major, History*, 1929-32.
Locust, N. J. Prepared by the Ethel Walker School, Simsbury, Conn.

- SWIFT, LUCY WESTON. *Major, Classical Archaeology*, 1928-32.
Stamford, Conn. Prepared by the Misses Kirk's School, Bryn Mawr.
- TAFT, REBEKAH LOCKWOOD. *Major, Chemistry*, 1929-32.
Andover, Mass. Prepared by Wykeham Rise, Washington, Conn.
- TAGGART, FLORENCE ELY. *Major, Latin*, 1928-32.
Watertown, N. Y. Prepared by Rosemary Hall, Greenwich, Conn. Elizabeth S. Shippin
Scholar in Foreign Languages, 1931-32.
- TATE-SMITH, DIANA. 1931-32.
New York City. Prepared by the Brearley School, New York City. Alumnae Regional
Scholar, 1931-32.
- TAUSSIG, MARY BOLLAND. *Major, French*, 1929-31; *Sem. II*, 1931-32.
St. Louis, Mo. Prepared by Mary Institute, St. Louis.
- TAYLOR, MARGARET GEIB. 1931-32.
Madison, N. J. Prepared by the Kent Place School, Summit, N. J.
- THAYER, AVIS HOWARD. 1931-32.
Villa Nova, Pa. Prepared by the Wright School, Bryn Mawr.
- THOMAS, ELIZABETH UTLEY. *Major, French*, 1928-32.
Pittsburgh, Pa. Prepared by the Thurston Preparatory School, Pittsburgh.
- THOMPSON, EVELYN HASTINGS. 1931-32.
Brookline, Mass. Prepared by the Winsor School, Boston. Alumnae Regional Scholar,
1931-32.
- THURBER, KATHERINE. *Major, History*, 1927-29;
Sem. II, 1929-30; 1930-31; *Sem. I*, 1931-32.
New York City. Prepared by Miss Spence's School, New York City.
- TING, VUNG-YUIN. 1931-32.
Shanghai, China. Prepared by the McTyeire School, China and the Shipley School, Bryn
Mawr. Chinese Scholar, 1931-32.
- TIPTON, MARTHA JANE. *Major, Economics*, 1929-32.
New York City. Prepared by the Ogontz School, Ogontz, Pa. Book Shop Scholar,
1931-32.
- TOBIN, MARGARET LINBURG. 1931-32.
Trenton, N. J. Prepared by the Ethel Walker School, Simsbury, Conn.
- TORRANCE, SUSAN ELIZABETH. *Major, Chemistry*, 1929-32.
Norfolk, Conn. Prepared by Dana Hall, Wellesley, Mass. Alumnae Regional Scholar,
1929-32.
- TRENT, MARJORIE LIDDON. *Major, Chemistry*, 1928-30; 1931-32.
Lansdowne, Pa. Prepared by the Lansdowne High School and Friends' Select School,
Philadelphia.
- TROWBRIDGE, VIRGINIA ELVIRA. 1930-32.
Bedford Hills, N. Y. Prepared by the Shipley School, Bryn Mawr.
- TURNER, LOUISE CLEWELL. 1930-32.
Roanoke, Va. Prepared by the Jefferson High School, Roanoke and the Misses Kirk's
School, Bryn Mawr. The Misses Kirk's Scholar, 1930-31. Book Shop Scholar,
1931-32.
- TYLER, CHARLOTTE. *Major, English*, 1928-32.
Philadelphia. Prepared by the Springside School, Philadelphia. Special Scholar, 1928-29;
Leila Houghteling Memorial Scholar, 1929-32.
- TYLER, ELEANOR MARGARET. *Major, French*, 1929-31.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Junior year in France.
- ULLOM, MARGARET JANE. *Major, English*, 1929-32.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- ULMAN, ELIZABETH HOLMES. *Major, History*, 1929-32.
Washington, D. C. Prepared by the Maderia School, Fairfax County, Va.
- VANAUKEN, EDITH DUNCAN. 1931-32.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia. Charles E.
Ellis Scholar, 1931-32.

- VANKEUREN, FRANCES CUTHBERT. 1931-32.
Chevy Chase, Md. Prepared by the Maderia School, Fairfax County, Va. Alumnae Regional Scholar, 1931-32.
- VANVECHTEN, MARIE-LOUISE. 1931-32.
Elizabeth, N. J. Prepared by the Kent Place School, Summit, N. J.
- WALDENMEYER, ALMA IDA AUGUSTA. 1931-32.
Philadelphia, Pa. Prepared by the Philadelphia High School for Girls. Trustees' Scholar, 1931-32.
- WALTER, ELIZABETH ALLEN. *Major, English*, 1930-32.
Allentown, Pa. Prepared by the Hamilton Preparatory School, Allentown.
- WATSON, FRANCES ELLEN. 1931-32.
Garden City, N. Y. Prepared by Pine Manor Junior College, Wellesley, Mass.
- WATTS, EDITH MURRAY. *Major, English*, 1928-32.
Chestnut Hill, Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- WEBSTER, ANN ELIZABETH. *Major, French*, 1929-30; 1931-32.
Denver, Colo. Prepared by the East High School, Denver and the Randall Tutoring School, Denver.
- WELD, ELIZABETH MINOT. 1931-32.
New York City. Prepared by Concord Academy, Concord, Mass.
- WELD, SERENA MARSHALL. *Major, History of Art*, 1929-32.
New York City. Prepared by Concord Academy, Concord, Mass.
- WEYGANDT, ANN MATLACK. *Major, English*, 1928-32.
Mt. Airy, Philadelphia. Prepared by the Germantown Friends' School. Sheelah Kilroy Memorial Scholar in English, 1931-32.
- WHITE, ELIZABETH PARMELEE. *Major, French*, 1929-31.
Scarsdale, N. Y. Prepared by Dongan Hall, Dongan Hills, Staten Island, N. Y. Junior year in France.
- WHITNEY, HELEN CATHERINE. 1931-32.
Garden City, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn.
- WILLIAMS, JOSEPHINE JUSTICE. *Major, Mathematics*, 1929-32.
Jenkintown, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- WILLIAMS, MARGARET. *Major, History*, 1928-32.
Stonington, Conn. Prepared by the Shipley School, Bryn Mawr.
- WILLITS, ANN REDMAN. *Major, Economics*, 1928-32.
Haddonfield, N. J. Prepared by the Westtown School, Westtown, Pa. Foundation Scholar, 1928-32.
- WINSHIP, KATHERINE MARY. *Major, French*, 1927-31; *Sem. I*, 1931-32.
Macon, Ga. Prepared by the High School, Macon and St. Timothy's School, Catonsville, Md.
- WISE, ELIZABETH ANDERSON, II. *Major, History of Art*, 1930-32.
Watertown, N. Y. Prepared by the Shipley School, Bryn Mawr.
- WOOD, MARJORIE. 1931-32.
Pelham Manor, N. Y. Prepared by St. Catherine's School, Richmond, Va.
- WOOD, REBECCA BIDDLE. *Major, History of Art*, 1929-32.
Portland, Ore. Prepared by the Catlin School, Portland. Matriculation Scholar for the Western States, 1929.
- WOODS, JANET MCCLEARY. *Major, Classical Archaeology*, 1928-32.
Iowa City, Iowa. Prepared by the Peiping American School, China and the Misses Kirk's School, Bryn Mawr.
- WOODS, MARGARET SOUTTER. *Major, Classical Archaeology*, 1928-32.
Iowa City, Iowa. Prepared by the Peiping American School, China and the Misses Kirk's School, Bryn Mawr.
- WOODWARD, GERTRUDE HOUSTON. *Major, History*, 1928-32.
Chestnut Hill, Philadelphia. Prepared by the Springside School, Philadelphia.
- WOODWARD, NANCY CECELIA. 1931-32.
Governors Island, N. Y. Prepared by Miss Barry's Foreign School for Girls, Florence, Italy and the Spence School, New York.

- WORTHINGTON, MARIAN LINDSAY.....1931-32.
 Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Alumnae Regional
 Scholar, 1931-32.
- WRIGHT, CAROLINE ELLA.....1930-32.
 New Milford, Conn. Prepared by Wykeham Rise, Washington, Conn. Alumnae Regional
 Scholar, 1930-32.
- YARNELLE, ALICE PORTER.....*Major, Psychology*, 1928-32.
 Fort Wayne, Ind. Prepared by Ferry Hall, Lake Forest, Ill.
- YEAKEL, ELEANOR HUGINS.....*Major, Biology*, 1929-32.
 Pittsburgh, Pa. Prepared by the Peabody High School, Pittsburgh. Special Alumnae
 Regional Scholar, 1929-30; Alumnae Regional Scholar, 1930-32.
- YOAKAM, LETITIA TALBOTT.....1930-32.
 Manville, R. I. Prepared by Miss Wheeler's School, Providence, R. I.
- YOUNG, ELIZABETH HORNER.....*Major, English*, 1928-32.
 Pittsburgh, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.

SUMMARY OF UNDERGRADUATE STUDENTS

	Total for the Year
Class of 1932.....	99
Class of 1933.....	88
Class of 1934.....	98
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9	ELEMENTARY	German, Div. N		German, Div. B (---) K Div. C (---) N		
	FIRST YEAR	*Chemistry (Dalton) E *French, Div. (N) K *Geology (Watson) A †Greek: Plato (Lehr) D *History, Div. (Laguna) F Mathematic Philosophy,		*Chemistry (Crenshaw) Dalton *Geology (Watson) Dalton Philosophy, Div. B (Weiss) F *Politics (Fenwick) S		
	SECOND YEAR	*History of Art since the Renaissance (Norton) (Hedlund) C Mathematic Spanish: Lit (H)		History of Art: Mediæval Architecture (E. S. King) G Mathematics: Geometry (Lehr) C *Politics (Wells) B		
	ADVANCED			Biology: Theories of Heredity (Gardiner) Dalton Chemistry: Organic (Richtmyer) Dalton †History: English, 19th Century (Robbins) D Physics (Michels) Dalton		
	ELECTIVE	Physics (Michels) (Leuba) Library 1 Psychology: English: Po Music: 2nd (Alwyne)	Arnold to Bridges (Chew) B History and Appreciation		Applied Sociology (Hart) L	
		C		D		
	ELEMENTARY			German, Div. D (---) S		
	FIRST YEAR	*Biology (Gardiner) Dalton *Physics (Michels) Dalton Spanish (Gillet, ---) N		*Biology (Gardiner) Dalton †Classical Archæology: Greek Sculpture (Carpenter, Swindler) G Latin, Div. C (Fairman) K *Physics (Michels) Dalton Spanish (Gillet, ---) N		
	SECOND YEAR	English: Period (Chew) E *French: Lit. A (Soubeiran) A		English: Middle English (Chew) E *French: Literature (Soubeiran) A		
		Advanced and Free Spanish				

* Instructor changes second semester.

BRYN MAWR COLLEGE

CALENDAR

GRADUATE COURSES

1932

BRYN MAWR, PENNSYLVANIA

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BRYN MAWR COLLEGE CALENDAR

1932

- Number 1. Undergraduate Courses.
- Number 2. Graduate Courses.
- Number 3. The Library and Halls of Residence,
Plans and Descriptions.
- Number 4. Finding List.

BRYN MAWR COLLEGE

1932							1933							1934																																																																																																																																																		
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The forty-eighth academic year will close with the conferring of Degrees at eleven o'clock on June 7, 1933.

COLLEGE CALENDAR

1932-33

FIRST SEMESTER

College Entrance Board Condition Examinations begin	September 19
College Entrance Board Condition Examinations end	September 23
Halls of Residence open to the entering class at 9 A. M.	September 29
Registration of Freshmen	September 29
Radnor Hall opens to new Graduate Students at 9 A. M.	October 1
Registration of new Graduate Students	October 1
Halls of Residence open to all students at 8 P. M.	October 2
Registration of students	October 3
Examinations for advanced standing begin	October 3
Deferred and condition examinations begin	October 3
The work of the forty-eighth academic year begins at 8.45 A. M.	October 4
Examination in German for Seniors conditioned, 9-10.30 A. M.	October 8
Examination in German for M.A. candidates, 9-10.30 A. M.	October 8
Deferred and condition examinations end	October 8
Examinations for advanced standing end	October 8
Examination in French for Seniors conditioned, 9-10.30 A. M.	October 15
Examination in French for M.A. candidates, 9-10.30 A. M.	October 15
Examination in French for M.A. candidates, 8-9.30 P. M.	November 16
Examination in German for M.A. candidates, 9-10.30 A. M.	November 19
Thanksgiving vacation begins at 12.45 P. M.	November 23
Thanksgiving vacation ends at 9 A. M.	November 28
Ph.D. Language examinations	December 3
Christmas vacation begins at 12.45 P. M.	*December 16
Christmas vacation ends at 9 A. M.	January 3
Monday classes transferred to Saturday	January 7
Last day of lectures	January 20
Half-yearly collegiate examinations begin	January 23
Ph.D. Language examinations	January 23
Collegiate examinations end	February 3
Annual meeting of the Alumnae Association	February 4
Vacation	February 6

SECOND SEMESTER

The work of the second semester begins at 9 A. M.	February 7
Announcement of Graduate European Fellowships	March 17
Mid-semester examination in Elementary Greek	March 21
Spring vacation begins at 12.45 P. M.	*March 24
Spring vacation ends at 9 A. M.	April 3
Deferred and condition examinations begin	April 4
Deferred and condition examinations end	April 8
Ph.D. Language examinations	April 8
Examinations in French for Juniors	April 29
Examinations in German for Juniors	May 6
Last day of lectures	May 19
Collegiate examinations begin	May 22
Collegiate examinations end	June 2
Baccalaureate Sermon	June 4
Conferring of degrees and close of forty-eighth academic year	June 7

* Friday Laboratory will be transferred to Tuesday of the same week and in case of conflict, students will be required to make up the work in their free hours.

COLLEGE CALENDAR

1933-34

FIRST SEMESTER

College Entrance Board Condition Examinations begin	September 18
College Entrance Board Condition Examinations end	September 22
Halls of Residence open to the entering class at 9 A. M.	September 28
Registration of Freshmen	September 28
Radnor Hall opens to new Graduate Students at 9 A. M.	September 30
Registration of new Graduate Students	September 30
Halls of Residence open to all students at 8 P. M.	October 1
Registration of students	October 2
Examinations for advanced standing begin	October 2
Deferred and condition examinations begin	October 2
The work of the forty-ninth academic year begins at 8.45 A. M.	October 3
Examination in German for Seniors conditioned, 9-10.30 A. M.	October 7
Examination in German for M.A. candidates, 9-10.30 A. M.	October 7
Deferred and condition examinations end	October 7
Examinations for advanced standing end	October 7
Examination in French for Seniors conditioned, 9-10.30 A. M.	October 14
Examination in French for M.A. candidates, 9-10.30 A. M.	October 14
Examination in French for M.A. candidates, 8-9.30 P. M.	November 22
Examination in German for M.A. candidates, 9-10.30 A. M.	November 25
Thanksgiving vacation begins at 12.45 P. M.	November 29
Thanksgiving vacation ends at 9 A. M.	December 4
Ph.D. Language examinations	December 9
Christmas vacation begins at 12.45 P. M.	*December 22
Christmas vacation ends at 9 A. M.	January 8
Last day of lectures	January 19
Half-yearly collegiate examinations begin	January 22
Ph.D. Language examinations	January 22
Collegiate examinations end	February 2
Annual meeting of the Alumnae Association	February 3
Vacation	February 5

SECOND SEMESTER

The work of the second semester begins at 9 A. M.	February 6
Mid-semester examination in Elementary Greek	March 15
Announcement of Graduate European Fellowships	March 16
Spring vacation begins at 12.45 P. M.	*March 23
Spring vacation ends at 9 A. M.	April 3
Deferred and condition examinations begin	April 3
Deferred and condition examinations end	April 7

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict students will be required to make up the work in the free hours.

Monday classes transferred to Saturday.....	April 7
Ph.D. Language examinations.....	April 7
Examinations in French for Juniors.....	April 28
Examinations in German for Juniors.....	May 5
Last day of lectures.....	May 18
Collegiate examinations begin.....	May 21
Collegiate examinations end.....	June 1
Baccalaureate Sermon.....	June 3
Conferring of degrees and close of forty-ninth academic year.....	June 6

BRYN MAWR COLLEGE

BRYN MAWR COLLEGE was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his life time the site of the college at Bryn Mawr, five miles west of Philadelphia, was purchased and the buildings were begun. At his death in January, 1880, he left the greater part of his estate for the foundation and maintenance of an institution of higher education for women. In 1880 the college was incorporated under the laws of Pennsylvania and was invested with the power to confer degrees; in 1883 the trustees issued a circular of information; in 1884 a President, Dr. James E. Rhoads and a Dean of Faculty, Miss M. Carey Thomas, were elected, plans were matured and academic appointments were made. In the spring of 1885 the first catalogue was issued and in the autumn of the same year the college began its first academic year.

On the death of President Rhoads in 1893, Dean Thomas was elected to the presidency, which office she held until she reached the age of retirement in 1922. President Marion Edwards Park was elected to the presidency in 1922.

Bryn Mawr College has believed always in the value of small classes and limits the total enrollment of undergraduates to about four hundred and resident graduates to less than one hundred. From the first it has been the policy of the trustees to organize no department in which they could not provide for graduate as well as undergraduate study offered by the same faculty.

Bryn Mawr College confers the degrees of Bachelor of Arts, Master of Arts and Doctor of Philosophy.

The departments of the college are:

Biblical Literature	History
Biology	History of Art
Chemistry	Italian
Classical Archæology	Latin
Comparative Philology and Linguistics	Mathematics
Economics and Politics	Music
Education	Philosophy
English	Physics
French	Psychology
Geology	Social Economy
German	Spanish
Greek	

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ARTHUR FREEBORN CHACE
RICHARD M. GUMMERE
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SUSAN FOLLANSBEE HIBBARD‡
PARKER S. WILLIAMS
OWEN D. YOUNG
FRANCES FINCKE HAND§
MARGARET REEVE CARY**
Alumnæ Director, 1927-32
ELIZABETH LEWIS OTEY††
Alumnæ Director, 1928-33
VIRGINIA KNEELAND FRANTZ‡‡
Alumnæ Director, 1929-34
VIRGINIA MCKENNEY CLAIBORNE§§
Alumnæ Director, 1930-35
FLORANCE WATERBURY
Alumnæ Director, 1931-36
LOUISE FLEISCHMANN MACLAY***
Alumnæ Director, December 1932-37

* Mrs. Henry Goddard Leach.

† Mrs. F. Louis Slade.

‡ Mrs. William G. Hibbard.

§ Mrs. Learned Hand.

** Mrs. C. Reed Cary

†† Mrs. Dexter Otey.

‡‡ Mrs. Angus Macdonald Frantz.

§§ Mrs. Robert W. Claiborne.

*** Mrs. Alfred B. Maclay.

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 CAROLINE McCORMICK SLADE
Vice Chairman
 RUFUS M. JONES
 MARION EDWARDS PARK
 CHARLES J. RHOADS
 J. HENRY SCATTERGOOD
 PARKER S. WILLIAMS
 FRANCES FINCKE HAND
 ELIZABETH LEWIS OTEY
 VIRGINIA KNEELAND FRANTZ

*Committee on Buildings
and Grounds*

SAMUEL EMLÉN, *Chairman*
 SUSAN FOLLANSBEE HIBBARD,
*Chairman of Sub-Committee on
Halls*
 FREDERIC H. STRAWBRIDGE
 MARION EDWARDS PARK
 ARTHUR H. THOMAS
 AGNES BROWN LEACH
 J. STOGDELL STOKES
 FRANCES FINCKE HAND
 FLORANCE WATERBURY

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Chairman
 J. HENRY SCATTERGOOD
 FREDERIC H. STRAWBRIDGE
 CAROLINE McCORMICK SLADE
 SUSAN FOLLANSBEE HIBBARD
 PARKER S. WILLIAMS

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RICHARD MOTT GUMMERE
Chairman
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 J. STOGDELL STOKES
 MARGARET REEVE CARY
 ELIZABETH LEWIS OTEY

Committee on Religious Life

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Chairman

MARION EDWARDS PARK
 ARTHUR H. THOMAS
 MARGARET REEVE CARY
 CAROLINE McCORMICK SLADE

OFFICERS OF ADMINISTRATION

ACADEMIC YEAR, 1931-32

President

MARION EDWARDS PARK, PH.D., LL.D. Office: Taylor Hall.

President Emeritus

M. CAREY THOMAS, PH.D., LL.D., L.H.D.

Dean

HELEN TAFT MANNING, PH.D. Office: Taylor Hall.

Dean of the Graduate School

EUNICE MORGAN SCHENCK, PH.D. Office: The Library

Director of Publication

CAROLINE CHADWICK-COLLINS, A.B. Office: Taylor Hall.

Secretary and Registrar

BARBARA GAVILLER, A.B., B.Sc. Office: Taylor Hall.

Director of Scholarships and Assistant to the Dean

JULIA WARD, A.B. Office: Taylor Hall.

Assistant to the President

DOROTHY MACDONALD, A.B. Office: Taylor Hall.

Wardens of the Halls of Residence

KATHERINE MARY PEEK, M.A., Pembroke Hall (*Head*).

LAURA MORSE RICHARDSON, A.B., Pembroke Hall (*Assistant*).

ALICE BEARDWOOD, D.PHIL., Rockefeller Hall.

MAGDALEN HUPFEL, A.B., Denbigh Hall.

FRIEDRIKA MARGRETHA HEYL, A.B., Merion Hall.

CHARLOTTE BRANDON HOWE, M.A., Wyndham.

CATHERINE PALMER ROBINSON, M.A., Radnor Hall (*Senior Resident*).

Director of Halls

CHARLOTTE BRANDON HOWE, M.A. Office: Rockefeller Hall.

Physician-in-Chief

THOMAS F. BRANSON, M.D. Office: Rosemont, Pa.

College Physician

MARJORIE JEFFERIES WAGONER, M.D. Office: The Infirmary.

Consultant in Psychiatry and Mental Hygiene

EARL D. BOND, M.D., 707 Old Lancaster Road, Bryn Mawr.

Director of Physical Education and Supervisor of Health

JOSEPHINE PETTS. Office: The Gymnasium.

Librarian

LOIS ANTOINETTE REED, A.B., B.L.S. Office: The Library.

Comptroller

SANDY LEE HURST. Office: Taylor Hall.

Superintendent

JOHN J. FOLEY. Office: Rockefeller Hall.

ACADEMIC APPOINTMENTS

ACADEMIC YEAR, 1931-32

TEACHING

- MARION EDWARDS PARK, PH.D., LL.D.,** *President of the College.*
A.B. Bryn Mawr College 1898, M.A. 1899 and Ph.D. 1918. Holder of the Bryn Mawr European Fellowship, 1898-99 and Graduate Student, Bryn Mawr College, 1898-99, 1912-14, 1916-17; American School of Classical Studies, Athens, Greece, 1901-02; Instructor in Classics, Colorado College, 1902-06 and Assistant Professor of Classics, 1914-15; Teacher in Miss Wheeler's School, Providence, R. I., 1906-09; Acting Dean of Bryn Mawr College, 1911-12; Dean of Simmons College, 1918-21; Dean of Radcliffe College, 1921-22; President of Bryn Mawr College, 1922—.
- M. CAREY THOMAS, PH.D., LL.D., L.H.D.,** *President Emeritus of the College.*
A.B. Cornell University 1877; Ph.D. University of Zurich 1882. Studied at Johns Hopkins University, 1877-78; University of Leipsic, 1879-81. Student in the Sorbonne and Collège de France, 1883; Dean of the Faculty of Bryn Mawr College and Professor of English, 1885-94 and President of the College and Professor of English, 1894-1922.
- HELEN TAFT MANNING, PH.D.,** *Dean of the College.*
A.B. Bryn Mawr College 1915, M.A. Yale University 1916 and Ph.D. 1924. Dean of Bryn Mawr College, 1917-19 and 1925—, Acting President, 1919-20 and 1929-30.
- EUNICE MORGAN SCHENCK, PH.D.,** *Professor of French and Dean of the Graduate School and Holder of a Special Grant.*
A.B. Bryn Mawr College 1907 and Ph.D. 1913. Graduate Student, Bryn Mawr College, 1909, Graduate Scholar, 1909-10 and Fellow in Romance Languages, 1912-13; President's European Fellow and Student in the Sorbonne, Collège de France, University of Grenoble and in Madrid, 1910-12; Reader in French, Bryn Mawr College, 1913-14, Associate in French, 1914-16, Dean of the College and Associate Professor of French, 1916-17, Associate Professor of French, 1917-25, Professor, 1925— and Dean of the Graduate School, 1929—.
- WILMER CAVE WRIGHT, PH.D.,** *Professor of Greek.*
Girton College, University of Cambridge, England, 1888-92; Graduate in Honours, Cambridge Classical Tripos, 1892; Ph.D., University of Chicago, 1895. Fellow in Greek, Bryn Mawr College, 1892-93; Fellow in Latin, University of Chicago, 1893-94 and Fellow in Greek, 1894-95; Reader in Greek and Latin, University of Chicago, 1895-96; Reader in Classical Literature, Bryn Mawr College, 1897-99, Associate in Classical Literature, 1899-1901, Associate in Greek, 1901-04 and 1905-07, Associate Professor, 1907-1921 and Professor, 1921—.
- JAMES H. LEUBA, PH.D.,** *Professor of Psychology and Holder of The Julius and Sarah Goldman Grant.*
B.S. University of Neuchatel 1886; Ph.D. Clark University 1896. Scholar in Psychology, Clark University 1892-93 and Fellow in Psychology 1893-95. Associate in Psychology and Education, Bryn Mawr College, 1897-1904, Associate Professor 1904-06 and Professor of Psychology, 1906—.
- HENRY NEVILL SANDERS, PH.D.,** *Alumnæ Professor of Greek.*
Edinburgh University, 1887-88. A.B. Trinity University, Toronto, 1894 and M.A. 1897; Ph.D. Johns Hopkins University 1903. Fellow in Greek, Johns Hopkins University, 1897-98; Lecturer in Greek, Latin and Sanskrit, McGill University, 1898-1902; Associate Professor of Greek, Bryn Mawr College, 1902-05 and Professor, 1905—.
- WILLIAM BASHFORD HUFF, PH.D.,** *Marion Reilly Professor of Physics and Holder of The Marion Reilly Grant.*
A.B. University of Wisconsin 1889; M.A. University of Chicago 1896; Ph.D. Johns Hopkins University 1900. Lecture Assistant in Physics, Johns Hopkins University, 1899-1900, Assistant in Physics, 1900-01 and Instructor in Physics, 1901-02; Associate in Physics, Bryn Mawr College, 1902-06, Associate Professor, 1906-09 and Professor, 1909-32.
- WILLIAM ROY SMITH, PH.D.,** *Professor of History.*
A.B. University of Texas 1897 and M.A. 1898; Ph.D. Columbia University 1903. Acting Professor of History and Political Science, University of Colorado, 1900-01; Lecturer in History, Barnard College, 1901-02; Reader in History, Bryn Mawr College, 1902-03, Associate, 1903-07, Associate Professor, 1907-14 and Professor, 1914—.

- LUCY MARTIN DONNELLY, A.B.,** *Mary Elizabeth Garrett Memorial Alumnae Professor of English and Holder of the Lucy Martin Donnelly Grant.*
A.B. Bryn Mawr College 1893. University of Oxford and University of Leipsic, 1893-94; Sorbonne and Collège de France and University of Leipsic, 1894-95; Reader in English, Bryn Mawr College, 1896-1903, Lecturer, 1903-08, Associate Professor, 1908-11 and Professor of English, 1911—.
- DAVID HILT TENNENT, Ph.D.,** *Professor of Biology and Holder of the Constance Guyot Cameron Ludington Grant.*
B.S. Olivet College 1900; Ph.D. Johns Hopkins University 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904 and 1912; Lecturer in Biology, Bryn Mawr College, 1904-05, Associate, 1905-06, Associate Professor, 1906-12 and Professor, 1912—.
- MARION PARRIS SMITH, Ph.D.,** *Professor of Economics.*
A.B. Bryn Mawr College 1901 and Ph.D. 1907. Graduate Student, Bryn Mawr College, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07; Reader in Economics and Politics, Bryn Mawr College, 1907-08, Associate in Economics, 1908-12, Associate Professor, 1912-16 and Professor, 1916—.
- GRACE MEAD ANDRUS DE LAGUNA, Ph.D.,** *Professor of Philosophy.*
A.B. Cornell University 1903 and Ph.D., 1906. Sage Scholar in Philosophy, Cornell University, 1903-05; Reader in Philosophy, Bryn Mawr College, 1907-08, Associate in Philosophy, 1911-16, Associate Professor, 1916-29 and Professor, 1929—.
- REGINA KATHARINE CRANDALL, Ph.D.,** *Margaret Kingsland Haskell Professor of English Composition.*
A.B. Smith College 1890; Ph.D. University of Chicago 1902. Graduate Student, University of Chicago, 1893-94 and Fellow in History, 1894-96; Assistant in History, Smith College, 1896-99; Instructor in History, Wellesley College, 1899-1900; Reader in English, Bryn Mawr College, 1902-16, Director of English Essay Work, 1913-16, Associate in English, 1916-17, Associate Professor of English Composition 1917-18 and Professor, 1918—.
- SAMUEL CLAGGETT CHEW, Ph.D.,** *Professor of English Literature and Holder of The Mary Hill Swope Grant.*
A.B. Johns Hopkins University 1909 and Ph.D. 1913. Fellow, Johns Hopkins University, 1910-12; Associate in English, Bryn Mawr College, 1914-16, Associate Professor, 1916-20 and Professor, 1920—.
- SUSAN MYRA KINGSBURY, Ph.D.,** *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research.*
A.B. College of the Pacific 1890; M.A. Leland Stanford Jr. University 1899; Ph.D. Columbia University 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Department, Simmons College, 1906-07; Assistant, Associate and Professor in Economics, Simmons College and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15; Carola Woerishoffer Professor of Social Economy and Social Research, Bryn Mawr College, 1915—.
- GEORGIANA GODDARD KING, M.A.,** *Professor of the History of Art and Holder of a Special Grant.*
A.B. Bryn Mawr College 1896 and M.A. 1897. Fellow in Philosophy, Bryn Mawr College, 1896-97 and Fellow in English, 1897-98; Studied at Collège de France, Semester I, 1898-99; Reader in English, Bryn Mawr College, 1906-10, Reader in English and Lecturer in Art, 1910-11, Lecturer in History of Art and Comparative Literature, 1911-15, Associate Professor of History of Art, 1915-16 and Professor, 1916—.
- RHYS CARPENTER, * Ph.D.,** *Professor of Classical Archaeology.*
A.B. Columbia University 1909 and Ph.D. 1916; B.A. University of Oxford 1911 and M.A. 1914. Rhodes Scholar and Student, Balliol College, University of Oxford, 1908-11; Drisler Fellow in Classics, Columbia University, 1911-13; Student, American School of Classical Studies in Athens, 1912-13; Lecturer in Classical Archaeology, Bryn Mawr College, 1915-18 (absent for military service, 1917-19) and Professor of Classical Archaeology, 1918—. (On leave of absence to fill the post of Annual Professor in the School of Classical Studies of the American Academy in Rome, 1926-27 and Director of the American School of Classical Studies in Athens, 1927-32.)

* Granted leave of absence for the years 1926-32.

CHARLES GHEQUIERE FENWICK, PH.D., *Professor of Political Science.*

A.B. Loyola College 1907; Ph.D. Johns Hopkins University 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, Summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14; Lecturer in Political Science, Bryn Mawr College, 1914-15, Associate Professor, 1915-18 and Professor, 1918—.

HOWARD LEVI GRAY, PH.D., *Marjorie Walter Goodhart Professor of History and Holder of the Marjorie Walter Goodhart Grant.*

A.B. University of Rochester 1897; A.B. Harvard University 1898, M.A. 1900 and Ph.D. 1907. Instructor in History, Harvard University, 1909-13 and Assistant Professor of History, 1914-15; Professor of History, Bryn Mawr College, 1915— (absent for government service, 1918-19).

JAMES LLEWELLYN CRENSHAW, PH.D., *Professor of Physical Chemistry.*

A.B. Centre College 1907 and M.A. 1908; Ph.D. Princeton University 1911. Assistant Chemist in the Geophysical Laboratory of the Carnegie Institution, Washington, D. C., 1910-15; Associate in Physical Chemistry, Bryn Mawr College, 1915-18, Associate Professor, 1918-25 (absent for military service, 1917-19) and Professor, 1925—.

SAMUEL ARTHUR KING, M.A., *Non-resident Lecturer in English Diction.*

M.A. University of London 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902; Non-resident Lecturer in English Diction, Bryn Mawr College, 1902—.

ANNA JOHNSON PELL-WHEELER, PH.D., *Professor of Mathematics.*

A.B. University of South Dakota 1903; M.S. University of Iowa 1904; M.A. Radcliffe College 1905; Ph.D. University of Chicago 1910; D.Sc. New Jersey College for Women 1932. Holder of Alice Freeman Palmer Fellowship of Wellesley College and Student in Mathematics, University of Göttingen, 1906-07; Instructor in Mathematics, Mount Holyoke College, 1911-14 and Associate Professor of Mathematics, 1914-18; Associate Professor of Mathematics Bryn Mawr College, 1918-25, Professor of Mathematics, 1925-27, Non-resident Lecturer in Mathematics, 1928-30 and Semester II, 1930-31 and Professor of Mathematics, 1931—.

CHARLES WENDELL DAVID, PH.D., *Professor of European History.*

A.B. University of Oxford 1911; M.A. University of Wisconsin 1912; Ph.D. Harvard University 1918. Rhodes Scholar, University of Oxford, 1908-11. Instructor in History, University of Washington, 1915-18; Associate Professor of European History, Bryn Mawr College, 1918-27 and Professor, 1927—.

MARY HAMILTON SWINDLER, PH.D., *Professor of Classical Archaeology.*

A.B. University of Indiana 1905 and M.A. 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Greek, Bryn Mawr College, 1906-07 and Fellow in Greek, 1907-09; Mary E. Garrett European Fellow and Student, University of Berlin and the American School of Classical Studies in Athens, 1909-10; Acting Dean of Women, University of Indiana, summers, 1911, 1913; Reader in Latin and Demonstrator in Art and Archaeology, Bryn Mawr College, 1912-16, Instructor in Latin and Classical Archaeology, 1916-21, Associate, 1921-25, Associate Professor, 1925-31 and Professor of Classical Archaeology, 1931—.

HORACE ALWYNE,* F.R.M.C.M., *Professor of Music and Director of the Department of Music.*

Holder of Sir Charles Hallé Memorial Scholarship, 1909-12, Gold Medallist and graduate (with distinction) of Royal Manchester College of Music, England, 1912. Honorary Fellow, Royal Manchester College of Music, 1924. Director of Music, Manchester Grammar School, 1911-12; Head of Piano Department, Skidmore School of Arts, Saratoga Springs, N. Y., 1914-21; Student of Professor Max Mayer (England) and Professor Michael von Zadora (Berlin); Associate Professor of Music, Bryn Mawr College, 1921-27 and Professor, 1927—.

ROGER HEWES WELLS, PH.D., *Associate Professor of Economics and Politics.*

A.B. Northwestern University 1916; M.A. Harvard University 1921 and Ph.D. 1923. Teacher in the High School, Quincy, Illinois, 1916-17; On military service, 1917-19; Assistant in Government, Harvard University, 1920-22; Austin Teaching Fellow in Government, Harvard University, 1922-23; Assistant in Government, Radcliffe College, 1922-23; Associate in Economics and Politics, Bryn Mawr College, 1923-27 and Associate Professor, 1927—; Guggenheim Fellow in Germany, 1927-28.

JOSEPH E. GILLET, PH.D., *Professor of Spanish.*

Ph.D. University of Liège 1910. Assistant Lecturer in French, University of Edinburgh, 1910-11; Student in the Universities of Paris, Leyden, Munich and Berlin, 1911-13; Instructor in German, University of Wisconsin, 1913-15; Associate in Comparative Literature and Romance Languages, University of Illinois, 1915-18; Absent for military service, 1918-19; Student in Spain, 1919-20; Assistant Professor of Romance Lan-

* On leave of absence for the second semester of the year 1931-32.

- guages, University of Minnesota, 1921-24; Associate Professor of Spanish, Bryn Mawr College, 1924-29 and Professor, 1929—; Visiting Professor, Princeton University, Semester I, 1928-29 and 1929-30.
- HORNELL HART, PH.D., *Professor of Social Economy.***
A.B. Oberlin College 1910; M.A. University of Wisconsin 1914; Ph.D. University of Iowa 1921. Graduate Student and Assistant in Sociology, University of Wisconsin, 1912-13; Civic Secretary, Milwaukee City Club, 1913-17; Associate, Cincinnati Social Unit, 1917-18; Graduate Student and Research Assistant, University of Iowa, 1919-21; Research Associate Professor in Sociology in the University of Iowa and Head of the Sociological Division of the Iowa Child Welfare Research Station, 1921-24; Associate Professor of Social Economy and Social Research, Bryn Mawr College, 1924-30 and Professor, 1930—.
- AGNES LOW ROGERS, * PH.D., *Professor of Education and Psychology.***
M.A. St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D. Columbia University 1917. Marion Kennedy Student and Research Scholar, Columbia University, 1914-15, Research Fellow, 1915-16; Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25; Professor of Education and Psychology, Bryn Mawr College, 1925—.
- MAX DIEZ, PH.D., *Associate Professor of German Literature.***
A.B. Washington University 1909 and M.A. 1910; Ph.D. University of Texas 1916. Fellow in German, Washington University, 1909-10; Assistant in German, University of Wisconsin, 1910-11; Instructor in German, Washington University, 1911-15; Assistant Professor of German, University of Texas, 1915-18; War service, 1918-19; Professor of German, Centre College, 1921-25; Associate in German, Bryn Mawr College, 1925-27 and Associate Professor, 1927—.
- HENRY JOEL CADBURY, * PH.D., *Professor of Biblical Literature and Holder of the Rufus M. Jones Grant.***
A.B. Haverford College 1903; M.A. Harvard University 1904 and Ph.D. 1914. Master in Westtown School, 1905-08; Instructor, Assistant Professor and Associate Professor in Biblical Literature, Haverford College, 1910-19; Instructor in Greek, 1910-11; Associate Professor of Greek, 1918-19; Lecturer and Assistant Professor of New Testament Interpretation, Andover Theological Seminary, 1919-26; Lecturer on the Old Testament, Episcopal Theological School, Cambridge, 1924-26; Assistant Professor of New Testament Interpretation, Harvard University, 1922-26; Professor of Biblical Literature, Bryn Mawr College, 1926—.
- LILY ROSS TAYLOR, PH.D., *Professor of Latin.***
A.B. University of Wisconsin 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Latin, Bryn Mawr College, 1906-07, Fellow in Latin 1907-08 and Reader 1908-09; Reader and Demonstrator in Archaeology, 1910-12; Instructor in Latin, Vassar College, 1912-19; Fellow of the American Academy in Rome, 1917-18, 1919-20; Assistant Professor of Latin, Vassar College, 1919-22, Associate Professor, 1922-25 and Professor, 1925-27; Professor of Latin, Bryn Mawr College, 1927—.
- GRACE FRANK, A.B., *Non-resident Associate Professor of Old French Philology.***
A.B. University of Chicago 1907. Graduate Student, Bryn Mawr College, 1908-10, 1913-16; Universities of Göttingen and Berlin, 1911; University of Pennsylvania, 1918-19; Lecturer in Romance Philology, Bryn Mawr College, 1926-27 and non-resident Associate Professor of Old French Philology, 1927—.
- MARGARET GILMAN, PH.D., *Associate Professor of French.***
A.B. Bryn Mawr College 1919, M.A. 1920 and Ph.D. 1924. Graduate Scholar in French, 1919-20 and Fellow in French, 1920-22; Fellow, Ecole Normale Supérieure de Sèvres and Student, University of Paris, 1922-23; Instructor in French, Bryn Mawr College, 1923-26, Associate, 1926-30 and Associate Professor, 1930—.
- ILSE FOREST, PH.D., *Associate Professor of Education.***
B.S. Teachers College, Columbia University, 1922; M.A. 1923; Ph.D. Columbia University 1927. Teacher and Critic, Kindergarten and Elementary Grades, 1915-23; Demonstration Teacher, State Normal School, New Paltz, New York, 1923-24; Laura Spelman Rockefeller Fellow, Columbia University, 1925-26; Professor of Child Psychology, Iowa State Teachers College, 1926-27; Associate in Education, Bryn Mawr College, 1927-28 and Associate Professor, 1928—.
- STEPHEN JOSEPH HERBEN, JR., PH.D., *Associate Professor of English Philology.***
B.Litt. Rutgers University 1920; M.A. Princeton University 1921 and Ph.D. 1924. Graduate Student, Columbia University, summer, 1922; Fellow of the American Scandinavian Foundation, University of Copenhagen, 1922-23; Special Coach in Old English, Oxford University, 1923-24. Contributing consultant for C. and G. Merriam and Company, 1926-27. Instructor in English, Princeton University, 1924-28; Associate Professor of English Philology, Bryn Mawr College, 1928—.

* Granted leave of absence for the year 1932-33.

FRITZ MEZGER, PH.D., Associate Professor of Germanic Philology.

Ph.D. University of Berlin 1921. Studied at the University of Tübingen, 1911-12, University of Munich, 1912-13, University of Geneva, 1913, University of Paris, 1913-14, University of Munich, 1919, University of Berlin, 1920-22. Instructor in German, Harvard University, 1927-28; Associate Professor of Germanic Philology, Bryn Mawr College, 1928—.

THOMAS ROBERT SHANNON BROUGHTON, PH.D., Associate Professor of Latin.

A.B. University of Toronto 1921 and M.A. 1922; Ph.D. Johns Hopkins University 1928. Student, University of Chicago, spring 1922 and 1923 and summer 1925. Rogers Fellow, Johns Hopkins University, 1925-26 and 1927-28; Instructor in Greek, Amherst College, 1926-27; Associate in Latin, Bryn Mawr College, 1928-30 and Associate Professor, 1930—.

JEAN CANU, Agrégé de l'Université, Associate Professor of French.

Licencié-ès-lettres, 1917 and Agrégé de l'Université, University of Paris, 1920. Professor, Lycée of Alger, 1920-21, Lycée of Beauvais, 1921-23, Lycée of Bordeaux, 1923-26; Laura Spelman Rockefeller Memorial Fellow, 1926-28; Associate Professor of French, Bryn Mawr College, 1928—.

HARRY HELSON, PH.D., Associate Professor of Experimental Psychology.

A.B. Bowdoin College 1921; M.A. Harvard University 1922 and Ph.D. 1924. Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28; Associate Professor of Experimental Psychology, Bryn Mawr College, 1928—.

DOROTHEA EGLESTON SMITH, * PH.D., Associate in Physiology and Biochemistry.

A.B. Radcliffe College 1913, M.A. 1924 and Ph.D. 1926. Volunteer Research Worker, Rockefeller Institute, 1913-19; Research Assistant, Department of Physiology, Harvard University, 1921-22; Research Assistant in Biology, Bryn Mawr College, 1926-27; Lecturer in Physiology and Biochemistry, Bryn Mawr College, 1927-29 and Associate, 1929-32.

ERNEST WILLOUGHBY, A.R.C.M., Associate in Music.

A.R.C.M. London 1922. Organist and Choir Master, Ross Parish Church, 1913-15. Sub-organist and Choir Director, Hereford Cathedral, Music Master, Hereford Cathedral School, England; Assistant Director, Hereford Choral Society and Hereford Orchestral Society and Hereford Musical Festival, 1918-22; Instructor in Music, Bryn Mawr College, 1923-29 and Associate in Music, 1929—.

MARGUERITE LEHR, * PH.D., Associate in Mathematics.

A.B. Goucher College 1919; Ph.D. Bryn Mawr College 1925. Reader and Graduate Student in Mathematics, Bryn Mawr College, 1919-21, President's European Fellow and Fellow in Mathematics, 1921-22, Fellow by Courtesy and Graduate Scholar in Mathematics, 1922-23; American Association of University Women Fellow and Student, University of Rome, 1923-24; Instructor in Mathematics, Bryn Mawr College, 1924-29 and Associate in Mathematics, 1929—.

MARY SUMMERFIELD GARDINER, PH.D., Associate Professor of Biology.

A.B. Bryn Mawr College 1918, M.A. 1924 and Ph.D. 1927. Information Secretary, Y. W. C. A. Hostess House, Camp Mills, L.I., 1918-19; Secretary and Social Worker, Henry Street Settlement, New York City, 1920-21; Warden of Denbigh Hall, Bryn Mawr College, 1921-24 and of Pembroke Hall West, 1925-27. Graduate Student, Bryn Mawr College, 1922-24 and 1925-27 and University Student, London, 1924-25; Instructor in Biology, Bryn Mawr College, 1927-29 and Assistant to the Dean, Semester II, 1928-29, Associate in Biology and Assistant to the Dean, 1929-30; Associate in Biology, 1930-31 and Associate Professor of Biology, 1931—.

ENID GLEN, PH.D., Associate in English.

A.B. University of Manchester 1923; University Teachers' Diploma 1924 and Ph.D. 1926. Graduate Scholar in English, University of Manchester, 1923-24 and John Bright Fellow in English Literature, 1925-26; Frances Riggs Fellow, University of Michigan, 1926-27. Instructor in English, Vassar College, 1927-28; Staff Tutor in Literature, Loughborough College (University of Nottingham), 1928-29; Associate in English, Bryn Mawr College, 1929—.

MADELEINE SOUBEIRAN, Agrégée de l'Université, Associate in French.

Ecole Normale Supérieure de Sèvres 1924-27. Agrégée de l'Université, University of Paris, 1927. Teacher in Lycée, Aix-en-Provence, 1927-29; Associate in French, Bryn Mawr College, 1929—.

* On leave of absence for the year 1931-32.

EDWARD STAUFFER KING, M.F.A., Associate in the History of Art.

A.B. Princeton University 1923 and M.F.A. 1923. Graduate Student, Harvard University, 1923-24. Lecturer in the History of Art, Bryn Mawr College, Semester II, 1924-25 and Instructor in the History of Art, 1925-26; Graduate Student, Princeton University, 1926-27 and Instructor in the History of Art, Princeton University, 1927-28; Holder of a Marquand Fellowship in Mediaeval Archaeology and student in France, 1928-29; Lecturer in History of Art, Bryn Mawr College, Semester II, 1929-30 and Associate in History of Art, 1930—.

CAROLINE ROBBINS, Ph.D., Associate in History.

A.B. University of London 1924 and Ph.D. 1926. Christie Research Fellow in History at Royal Holloway College and the Institute of Historical Research, London, 1924-26; Riggs Fellow at the University of Michigan, 1926-27; Instructor in History, College for Women, Western Reserve University, 1927-28; Instructor in History, Bryn Mawr College, Semester II, 1928-29 and 1929-30 and Associate in History, 1930—.

GUSTAV A. HEDLUND, Ph.D., Associate in Mathematics.

A.B. Harvard University 1925 and Ph.D. 1930; M.A. Columbia University 1927. Instructor in Mathematics, Hunter College, 1925-27; Part-time Instructor in Mathematics and Graduate Student, Harvard University, 1927-30; Instructor, Radcliffe College, 1928-30; Associate in Mathematics, Bryn Mawr College, 1930—.

ANGELINE HELEN LOGRASSO, Ph.D., Associate Professor of Italian.

A.B. University of Rochester 1917 and M.A. 1918; Ph.D. Radcliffe College 1927. Graduate Student in Romance Languages, Columbia University, summers 1919, 1920 and 1923; Graduate Student in History, Harvard University, summer, 1931; Rebecca Greene Fellow, Radcliffe College, 1925-26 and 1926-27; Augustus Anson Whitney Travelling Fellow in England, France and Italy, 1927-28; Instructor in Romance Languages, University of Rochester and the East High School, Rochester, 1917-25; Assistant Professor of French and Italian, University of Rochester, 1928-30; Associate Professor of Italian, Bryn Mawr College, 1930—.

EDWARD WATSON, Ph.D., Associate in Geology.

A.B. Johns Hopkins University 1925 and Ph.D. 1929. Instructor in Geology, Johns Hopkins University, 1928-30; Associate in Geology, Bryn Mawr College, 1930—.

NELSON KELLOGG RICHTMYER, Ph.D., Associate in Chemistry.

A.B. Harvard University 1923, M.A. 1925 and Ph.D. 1927. Research Assistant in Chemistry, Harvard University, 1927-28 and 1929-30; Research Student, University of Heidelberg, 1928-29; Associate in Chemistry, Bryn Mawr College, 1930—.

MILDRED FAIRCHILD, Ph.D., Associate in Social Economy.

A.B. Oberlin College 1916 and M.A. 1925; Ph.D. Bryn Mawr College 1929. On Staff of Fisk University, 1916-18; War Camp Community Service, 1918-20; Playground and Recreation Association of America, 1920-22; Oberlin College Campaign Field Organizer, 1923; Fellow in Social Economy and Social Research, Bryn Mawr College, 1925-27; Research Assistant in Social Economy and Graduate Student, Bryn Mawr College, 1927-28; Gamma Phi Beta Fellow of the American Association of University Women and Student, London School of Economics, 1928-29; Traveller in Russia and Research Worker on the Condition of Women in Industry under the auspices of the Society for the Advancement of Cultural Relations with Russia 1929-30; Associate in Social Economy and Social Research, Bryn Mawr College, 1930—.

A. LINCOLN DRYDEN, JR., Ph.D., Associate in Geology.

A.B. Johns Hopkins University 1925 and Ph.D. 1930. Geologist with the Maryland Geological Survey, summers 1927, 1929; Assistant Geologist with the Sinclair Exploration Company in Venezuela, 1928; Associate in Geology, Bryn Mawr College, 1930—.

MILTON CHARLES NAHM, M.A., B.LITT., Associate in Philosophy.

A.B. University of Pennsylvania 1925 and M.A. 1926; B.A. Oxford University 1928 and B.Litt. 1929. Instructor in Philosophy, University of Pennsylvania, 1929-30; Lecturer in Philosophy, Bryn Mawr College, 1930-31 and Associate in Philosophy, 1931—.

VALENTIN MÜLLER, Ph.D., Associate Professor of Archaeology.

Ph.D. University of Berlin 1913. Student at the University of Göttingen, 1908, at Munich, 1909, at Bonn, 1910-12 and at Berlin, 1913-15. Assistant at the Archaeological Seminary of the University of Berlin, 1919-21; Fellow Traveller of the German Archaeological Institute at Rome, 1921-23; Privatdozent, University of Berlin, 1923-29; Extraordinary Professor, University of Berlin, 1929-31. Associate Professor of Archaeology, Bryn Mawr College, Semester II, 1931-32, 1932—.

JANE MARY DEWEY, Ph.D., Associate in Physics.

A.B. Barnard College 1922 and Ph.D. Massachusetts Institute of Technology 1925. Barnard College International Fellow, University Institute of Theoretical Physics, Copenhagen, 1925-26; Bask-Orsted Foundation Fellow, Copenhagen, 1926-27; National Research Council Fellow, Princeton University, 1927-29; Research Fellow, University of Rochester, 1929-31; Associate in Physics, Bryn Mawr College, 1931—.

PAUL WEISS, PH.D., Associate in Philosophy.

B.S.S. College of the City of New York 1927; M.A. Harvard University 1928 and Ph.D. 1929. University Scholar, Harvard University, 1927-28; Sears Scholar in Philosophy, 1928-29; Sears Traveling Scholar in Philosophy at Freiburg, Germany and the Sorbonne, 1929-30; Instructor and Tutor in Philosophy, Harvard University and Instructor in Philosophy, Radcliffe College, 1930-31; Associate in Philosophy, Bryn Mawr College, 1931—.

ERNEST WESLEY BLANCHARD, PH.D., Associate in Biology.

Ph.B. Brown University 1927; M.S. State University of Iowa 1929; Ph.D. Princeton University 1930. Graduate Assistant in Zoology, State University of Iowa, 1927-29; Instructor, summer session, Iowa University, 1929; Research Assistant, Princeton University, 1929-30; Assistant Professor of Zoology, University of Maryland, 1930-31; Associate in Biology, Bryn Mawr College, 1931—.

WILLIAM WELCH FLEXNER, PH.D., Lecturer and Associate-elect in Mathematics.

B.S. Harvard University 1926; M.A. Princeton University 1927 and Ph.D. 1930. Fellow in Mathematics, Princeton University, 1927-28 and Proctor Fellow, 1928-29; Research Associate in Mathematics, 1929-30; and Instructor, 1930-31; Lecturer in Mathematics, Bryn Mawr College, 1931-32 and Associate-elect in Mathematics, Bryn Mawr College, 1932.

MYRA RICHARDS JESSEN, A.B., Instructor and Associate-elect in German.

A.B. Bryn Mawr College 1915. Graduate Student, Bryn Mawr College, 1919-20, 1922-24; Teacher, Friends' Central School, Philadelphia, 1920-21; Baldwin School, Bryn Mawr, 1921-23; Instructor in German, Bryn Mawr College, 1923-28 and 1929-32. Anna Ottendorfer Memorial Research Fellow, 1928-29; Associate-elect in German, Bryn Mawr College, 1932.

WALTER C. MICHELS, Ph.D., Associate-elect in Physics.

E.E. Rensselaer Polytechnic Institute 1927; Ph.D. California Institute of Technology 1930. Teaching Assistant in Physics, California Institute of Technology, 1927-29 and Teaching Fellow in Physics, 1929-30; National Research Fellow in Physics, Princeton University, 1930-32. Associate-elect in Physics, Bryn Mawr College, 1932.

LELAH MAE CRABBS, Ph.D., Lecturer-elect in Education.

B.S. Columbia University 1917, M.A. 1922 and Ph.D. 1925. Assistant Principal, Harvard Demonstration Primary School, Milton, Mass., 1914-16; Principal, Elementary Department, Mary C. Wheeler Town and Country School, Providence, R. I., 1916-20; Associate, Elementary Education, Measurements and Research, Teachers College, Columbia University, 1922-23; Supervisor psychology and educational measurements, Rutherford, N. J., 1922-24; Lecturer, Elementary Education, 1923-25; Psychologist and Psychological Research Worker, Merrill-Palmer Home Training School, Detroit, Mich., 1925-28; Research Associate in Psychology and Assistant Professor in Education, Teachers College, Columbia University, 1928-30. Lecturer-elect in Education, Bryn Mawr College, 1932.

LOUISE ADAMS HOLLAND, PH.D., Lecturer in Latin, Semester II.

A.B. Barnard College 1914 and M.A. 1915; Ph.D. Bryn Mawr College, 1920. Instructor in Latin, Smith College, 1918-21 and Assistant Professor of Latin, 1921-23, with leave of absence as Fellow at the American Academy in Rome, 1922-23; Assistant Professor of Latin, Vassar College, 1925-27; Lecturer in Latin, Bryn Mawr College, 1928-30 and Lecturer, Semester II, 1931-32.

EDWARD M. M. WARBURG, B.Sc., Lecturer in History of Art.

B.Sc. Harvard University 1930. Studying abroad, 1930-31. Lecturer in History of Art, Bryn Mawr College, 1931—.

ELEANOR LANSING DULLES, PH.D., Non-resident Lecturer in Economics, Semester II and Non-resident Lecturer-elect in Economics.

A.B. Bryn Mawr College 1917 and M.A. 1920; Ph.D. Radcliffe College 1926. Relief Worker in Paris 1917-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Graduate Student, London School of Economics, 1921-22 and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1926-27; Instructor in Economics, Simmons College, 1927-28; Associate in Social Economy and Social Research, Bryn Mawr College, 1928-30 and Non-resident Lecturer in Economics, Semester II, 1931—.

ALFRED J. SWAN, B.A., Lecturer in Music, Semester II.

B.A. Oxford University, 1931. Assistant Professor of Music, University of Virginia, 1921-23; Director of Music, Swarthmore College and Associate Professor of Music, Haverford College, 1926—. Lecturer in Music, Bryn Mawr College, Semester II, 1932.

ALMENA DAWLEY, M.A., *Non-resident Lecturer in Social Economy.*

A.B. Oberlin College 1912; M.A. University of Chicago 1915. Statistical Worker, Metropolitan Life Insurance Company, New York, 1912-13; Sociologist, Laboratory of Social Hygiene, Bedford Hills, New York, 1915-18; Assistant to the Director, in charge of Research, Interdepartmental Social Hygiene Board, Washington, D. C., 1918-19; Director, Department of Research and Investigation, Women's Coöperative Alliance, Minneapolis, 1919-20; Director of Investigation, Committee to Study Visiting Nursing, 1922-23; Supervisor, Department of Social Investigation, Pennsylvania School of Social and Health Work, 1920-25; Chief Social Worker, Philadelphia Child Guidance Clinic, 1925—. Non-resident Lecturer in Social Economy, Bryn Mawr College, 1928—.

MINOR WHITE LATHAM, Ph.D., *Non-resident Lecturer-elect in English.*

A.B. Mississippi State College for Women 1901; M.A. Columbia University 1912 and Ph.D. 1930. Graduate Student, Bryn Mawr College, 1902-04; Graduate Student, University of Mississippi, 1907-08; Graduate Student, Columbia University, 1911-15. Instructor in English, Mississippi State College for Women, 1908-10 and Head of the English Department, 1910-11; Lecturer in English, Barnard College, 1914-15, Instructor 1915-29 and Assistant Professor 1929—. Instructor in Playwriting, Columbia University, 1918-29 and summer sessions, 1918-22, 1924, 1926-28 and Assistant Professor 1929—; summer session, 1929-30. Non-resident Lecturer-elect in English, Bryn Mawr College, 1932.

KATHARINE HAZELTINE PATON, A.B., B.D., *Lecturer-elect in Biblical Literature.*

A.B. Wellesley College 1908; B.D. Hartford Theological Seminary 1922. Assistant Professor of Biblical Literature, Mount Holyoke College, 1922-24; Assistant Professor of Biblical Literature, Vassar College, 1924-25; substitute instructor, Hartford Theological Seminary, 1930-31 and Assistant Professor of Old Testament History and Criticism, Hartford Theological Seminary, 1931-32.

SUE AVIS BLAKE, M.A., *Instructor in Physics.*

A.B. Bryn Mawr College 1898 and M.A. 1900. Demonstrator and Graduate Student in Physics, Bryn Mawr College, 1898-99 and 1904-06 and Fellow in Physics, 1906-07; Graduate Student, Bryn Mawr College and Teacher of Mathematics and Science in the Shipley School, Bryn Mawr, 1899-1900; Assistant in Physics, Smith College, 1900-02, 1903-04; Fellow in Physics, University of Pennsylvania, 1907-08; Instructor in Physics, Smith College, 1910-15; Demonstrator in Physics, Bryn Mawr College, 1915-18 and Instructor, 1918—.

EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry.*

A.B. Radcliffe College 1914; M.A. University of California 1915. Graduate Student, University of California, 1914-15; Demonstrator in Chemistry, Bryn Mawr College, 1915-18, Instructor in Chemistry, 1918-19 and 1922—.

MARTHA MEYSENBURG DIEZ, M.A., *Instructor in German.*

A.B. University of Texas 1918; M.A. Bryn Mawr College 1928. Instructor in German, Bryn Mawr College, 1925—.

HORTENSE FLEXNER KING, M.A., *Instructor in English.*

A.B. University of Michigan 1907 and M.A. 1910. Instructor in English, Bryn Mawr College, 1926-27, Semester II, 1927-28 and 1928—.

MARGARET DENT DAUDON, A.B., *Instructor in French.*

A.B. Bryn Mawr College 1920. Teacher of French, the Thorne School, Bryn Mawr, 1928-31; Part time Instructor in French, Bryn Mawr College, 1927—.

RUTH FAIRMAN, M.A., *Instructor in Greek and Latin.*

A.B. Mount Holyoke College 1927; M.A. Bryn Mawr College 1928. Scholar in Latin, Bryn Mawr College, 1927-28, Fellow in Latin, 1928-29 and Helene and Cecil Rubel Fellow (studying abroad), 1929-30. Instructor in Latin, Bryn Mawr College, 1930-31 and Instructor in Greek and Latin, 1931—.

GENEVIEVE WAKEMAN, A.B., *Instructor in English.*

A.B. Vassar College 1922. Graduate Student, Yale University, 1923-25; Editorial Assistant, Yale Review, 1925-26; Instructor in English, Vassar College, 1929-30; Instructor in English, Bryn Mawr College, 1930-32

MARY KATHARINE WOODWORTH, M.A., *Instructor in English.*

A.B. Bryn Mawr College 1924 and M.A. 1927. Teacher of English, the Thorne School, Bryn Mawr, 1925-29. Studying abroad, 1929-30; Instructor in English, Bryn Mawr College, 1930—.

ELIZABETH H. NORTON, M.A., *Instructor in the History of Art.*

A.B. Bryn Mawr College 1927; M.A. Radcliffe College 1929. Instructor in History of Art, Bryn Mawr College, 1930—.

BERTHE-MARIE MARTI, M.A., *Instructor in Latin and French.*

Licenciée-es-lettres University of Lausanne 1925; M.A. Bryn Mawr College 1926. Swiss Scholar in Latin and English, Bryn Mawr College, 1925-26 and 1929-30. Teacher of French, the Thorne School and Graduate Student, Bryn Mawr College, 1926-28. Instructor in Latin, Bryn Mawr College, 1929-31 and Instructor in Latin and French, 1931—.

ELSIE POKRANTZ, M.A., *Instructor in German.*

A.B. Coe College 1918; M.A. University of Nebraska 1924. Teacher, Iowa High Schools, 1918-22; Instructor in German and French and Graduate Student, University of Nebraska, 1922-24; Head of Modern Languages Department, McPherson College, McPherson, Kansas, 1924-26; Instructor in German and Graduate Student, University of Nebraska, 1926-29; Graduate Student, University of Chicago, 1929-30. Instructor in German, Bryn Mawr College, 1930—.

DAYTON MCKEAN, M.A., *Instructor in Public Discussion and Debate.*

A.B. University of Colorado 1927 and M.A. 1929. Instructor in Public Speaking and Debating, University of Colorado, 1928-30; Instructor in English, Princeton University, 1930—; Instructor in Public Discussion and Debate, Bryn Mawr College, 1930-32.

J. GORDON CARLSON, A.B., *Instructor in Biology.*

A.B. University of Pennsylvania 1930. Demonstrator in Biology, Bryn Mawr College, Semester II, 1929-30 and 1930-31 and Instructor, 1931—.

E. LOUISE HAMILTON, PH.D., *Assistant Director of the Educational Clinic and Instructor in Education.*

B.S. Connecticut College for Women 1925; M.A. Columbia University 1926 and Ph.D. 1928. Graduate Student, Columbia University, 1925-28; Assistant in Psychology, Columbia University, 1926-27; Clinical Psychologist, New York Post-Graduate Hospital, 1927-28; Assistant Director of the Educational Clinic, Bryn Mawr College, 1928—, Demonstrator in Education, 1930-31 and Part-time Instructor 1931—.

WILLIAM DONALD TURNER, PH.D., *Instructor in Psychology.*

A.B. University of Illinois 1926; M.A. Harvard University 1928 and Ph.D. 1929. Instructor in Psychology, Tufts College, 1928-29; Social Science Research Council Fellow, Vienna, 1929-30; Instructor in Psychology, Kansas State College, 1930-31; Instructor in Psychology, Bryn Mawr College, 1931—.

HENRIETTA RUSSENBARGER HART, M.A., *Instructor in Spanish.*

A.B. Oxford College 1918; M.A. Indiana University 1925. Fellow in Romance Languages, Bryn Mawr College, 1926-27; Instructor and Assistant Professor of Romance Languages, Hood College, 1921-24; Student abroad, summer 1926; Adjunct Professor of Romance Languages, Randolph-Macon Woman's College, 1927-29; Assistant Professor of Spanish, Monmouth College, Monmouth, Illinois, 1930-31 and Instructor in Spanish and Graduate Student, Bryn Mawr College, 1931-32.

DOROTHY ANNE BUCHANAN, M.A., *Instructor in English.*

A.B. Smith College 1930; M.A. Bryn Mawr College 1931. Scholar in English, Bryn Mawr College, 1930-31 and Instructor in English, 1931-32.

IRMGARD W. TAYLOR, M.A., *Instructor in German.*

M.A. University of Pennsylvania 1930. Student, University of Tubingen. Teacher of German, Rose Valley School, Pennsylvania, 1930-31; Instructor in German, Bryn Mawr College, 1931—.

MARY STURM CHALMERS, M.A., *Instructor in German.*

A.B. Oberlin College 1930; M.A. Northwestern University, 1931. University Fellow, Northwestern University, 1930-31; Instructor in German, Bryn Mawr College, 1931-32.

DOROTHY MARY PUNDERSON, A.B., *Instructor in Italian.*

A.B. Vassar College, 1923. Boursière, Lycée Victor-Duruy, Paris, 1923-24. Teacher, Oak Hall School, St. Paul, Minn., 1925-26; Teacher of French, the Summit School, St. Paul, Minn., 1927. Graduate Student in Romance Languages, Columbia University, 1927-28, University of Minnesota 1928-29 and University of Chicago 1929-31; Instructor in Italian, Bryn Mawr College, 1931-32.

VERNON ALEXANDER HAMMOND, *Instructor in Music, Semester II.*

Student, Curtis Institute of Music, 1929-30. Assistant Organist and Choir Master, Church of the Good Shepherd, Rosemont, Pa., 1925—. Instructor in Music, Bryn Mawr College, Semester II, 1932.

CORNELIA LYNDE MEIGS, A.B., *Instructor-elect in English.*

A.B. Bryn Mawr College, 1908. Principal of a Private School, Keokuk, Iowa, 1908-10. Teacher of English, St. Katharine's School, Davenport, Iowa, 1912-13. Writer of Stories for Children for the MacMillan Company, New York, 1913—, for Little Brown and Company, Boston, 1927—. Instructor-elect in English, Bryn Mawr College, 1932.

KATHRINE KOLLER, A.B., *Instructor-elect in English.*

A.B. Wittenberg College 1924; Ph.D. Johns Hopkins University, to be conferred, 1932. Teacher of French and English in the High Schools, Plymouth, Ohio, 1924-26 and Tiffin, Ohio, 1926-28. Instructor-elect in English, Bryn Mawr College, 1932.

EMILY KATHARINE TILTON, M.A., *Instructor-elect in Italian.*

A.B. Wellesley College 1928; M.A. Radcliffe College 1931 and Ph.D. to be conferred 1932. Student, University of Florence, Italy, 1928-29 and Radcliffe College, 1930-32. Instructor-elect in Italian, Bryn Mawr College, 1932.

DOROTHY WYCKOFF, M.A., *Demonstrator and Instructor-elect in Geology.*

A.B. Bryn Mawr College 1921 and M.A. 1928. Graduate Scholar in Geology, Bryn Mawr College, 1921-22 and Graduate Student, 1922-23 and 1925-26; Teacher in the Misses Kirk's School, Bryn Mawr, 1922-25; Demonstrator in Geology and Graduate Student, Bryn Mawr College, 1925-28; Fanny Bullock Workman Fellow, studying at the Kongelige Frederiks Universitet, Oslo, Norway, 1928-29 and Fellow of the American Scandinavian Foundation, Oslo, 1929-30; Fellow in Geology, Bryn Mawr College, 1930-31 and Demonstrator 1931-32.

M. BETTINA LINN, M.A., *Reader in Economics and Politics.*

A.B. Bryn Mawr College 1926 and M.A. 1929. Reader in Economics and Politics, 1930-32.

MAUDE M. FRAME, A.B., *Reader in Philosophy.*

A.B. University of Pennsylvania 1927. Reader in Philosophy, Bryn Mawr College, 1928-30, Scholar in Philosophy, 1930-31 and Reader, 1931—.

OLIVE S. NILES, M.A., *Reader in English.*

A.B. Mount Holyoke, College 1930; M.A. Bryn Mawr College 1931. Scholar in English, Bryn Mawr College, 1930-31 and Reader, 1931-32.

LAURA MORSE RICHARDSON, A.B., *Reader in Music.*

A.B. Bryn Mawr College 1930. Tutor in a French family, 1930-31. Reader in Music and Assistant Warden of Pembroke Hall, Bryn Mawr College, 1931-32.

LOUISE FROST HODGES CRENSHAW, A.B., *Demonstrator in Chemistry.*

A.B. Bryn Mawr College 1918. Warden of Pembroke East, 1922-23; Secretary of the Thorne School, 1923-25, 1926-28 and 1929-30. Demonstrator in Chemistry, Bryn Mawr College, 1930—.

MARJORIE STARR BEST, M.A., *Demonstrator in Geology.*

A.B. Smith College 1930; M.A. Bryn Mawr College 1932. Demonstrator in Geology, Bryn Mawr College, November, 1930—.

BARBARA GOLDBERG, M.A., *Demonstrator-elect in Physics.*

A.B. Hunter College 1929; M.A. Columbia University 1931. Instructor in Physics, Hunter College, 1929-February 1932 and Instructor in Mathematics February-June 1932. Demonstrator-elect in Physics, Bryn Mawr College, 1932.

HENRIETTA HUFF, A.B., *Demonstrator-elect in History of Art and Classical Archaeology.*

A.B. Bryn Mawr College 1918. Demonstrator-elect in History of Art and Classical Archaeology, Bryn Mawr College, 1932.

NON-TEACHING

CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director of Publication.*

A.B. Bryn Mawr College 1905. Graduate Student, Bryn Mawr College, 1921-22, Alumae Secretary 1922-23 and Director of Publication, 1923—.

BARBARA GAVILLER, A.B., B.Sc., *Secretary and Registrar of the College.*

A.B., University of Toronto, 1912; B.Sc., Simmons College, 1917. Secretary to the Secretary and Registrar of Bryn Mawr College, 1917-26, Acting Secretary and Registrar of the College, 1926-27 and Secretary and Registrar, 1927—.

JULIA WARD, A.B., *Director of Scholarships and Assistant to the Dean.*

A.B. Bryn Mawr College 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student, Bryn Mawr College, 1924-27 and 1928-30; Warden of East House, 1924-25, of Rockefeller Hall, 1925-27 and 1928-30; Holder of Fanny Bullock Workman European Fellowship, 1927-28; Director of Scholarships and Assistant to the Dean, Bryn Mawr College, 1930—.

DOROTHY MACDONALD, A.B., *Assistant to the President.*

A.B. Bryn Mawr College 1917. Secretary to the President of Bryn Mawr College, 1919-26 and Assistant to the President, 1926—.

LOIS ANTOINETTE REED, A.B., B.L.S., *Librarian.*

A.B. University of Illinois 1909; B.L.S. New York State Library School 1904. Librarian, Western College, Oxford, Ohio, 1905-07; Cataloguer and Order Department Assistant, Library of the University of Illinois, 1907-10; Assistant Librarian, University of Rochester, 1910-12; Head Librarian, Bryn Mawr College, 1913—.

MARY LOUISE TERRIEN, A.B., B.S., *Circulation and Reference Librarian.*

A.B. Smith College 1905. Simmons College Library School, Boston, Mass., 1914-15. Circulation and Reference Librarian, Bryn Mawr College, 1915—.

HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer.*

A.B. Radcliffe College 1905; B.S. Simmons College Library School, 1910. Seminar Librarian, University of Illinois, 1910-12; Head Cataloguer, Bryn Mawr College Library, 1912-18. Librarian, Second National Bank of Boston, 1919-23; Head Cataloguer, Boston University, College of Liberal Arts, 1925-28; Head Cataloguer, Bryn Mawr College Library, 1928—.

MAE EDNA LITZENBERGER, A.B., B.S., *Assistant Cataloguer.*

A.B. Mount Holyoke College 1924; B.S. Simmons College 1925; Assistant Cataloguer, Bryn Mawr College Library, 1925—.

MAUDE LOIS HASKELL SLAGLE, A.B., B.S., *Assistant Cataloguer.*

A.B. Mount Union College 1927; B.S. in L.S. School of Library Science, Western Reserve University, 1928. Assistant Cataloguer, Bryn Mawr College Library, 1928—.

ANNA FOSTER ALLEN, Ph.B., B.S., *Assistant to the Circulation and Reference Librarian.*

Ph.B. Muhlenberg College 1927; B.S. in L.S., Drexel Institute, 1931. Assistant to the Circulation and Reference Librarian, Bryn Mawr College, 1931—.

HALLS OF RESIDENCE

KATHERINE MARY PEEK, M.A., *Head Warden of Pembroke Hall.*

A.B. Bryn Mawr College 1922 and M.A. 1929. Editorial Assistant, Crowell Publishing Company, New York City, 1922-24. Instructor in English, Bryn Mawr College, 1925-27. Warden of Merion Hall, Bryn Mawr College, 1927-30; studying abroad, 1930-31. Head Warden of Pembroke Hall, Bryn Mawr College, 1931—.

ALICE BEARDWOOD, D.PHIL., *Warden of Rockefeller Hall.*

A.B. Bryn Mawr College 1917; D.Phil. Oxon 1924. Warden of Bettws-y-Coed, Bryn Mawr College, 1929-30 and Warden of Rockefeller Hall, 1930-32.

MAGDALEN GLASER HUFFEL, A.B., *Warden of Denbigh Hall.*

A.B. Bryn Mawr College 1928. Warden of Denbigh Hall, 1930-32.

FRIEDRIKA MARGRETHA HEYL, A.B., *Warden of Merion Hall and Warden-elect of Wyndham.*

A.B. Bryn Mawr College 1899. Teacher of German and Student, State Normal School, Fredonia, N. Y., 1899-1900; Teacher, the Balliol School, Utica, N. Y., 1900-01 and Secretary, 1901-08; Warden of Merion Hall, Bryn Mawr College, 1908-10; Assistant to the Dean of Women, Michigan Agricultural College, 1916-18; Secretary to the Adviser of Women, Cornell University, 1918-20. Warden of Radnor Hall, Bryn Mawr College, 1921-29, Warden of Merion Hall, 1930-32 and Warden-elect of Wyndham, 1932.

CATHERINE PALMER ROBINSON, M.A., *Senior Resident of Radnor Hall.*

A.B. Bryn Mawr College 1920 and M.A. 1921. Teacher, Rosemary Hall, Greenwich, Conn., 1921-22; Student at the Sorbonne, 1922-23; Marine Insurance, 1924-29; Senior Resident of Radnor Hall and Secretary to the Dean of the Graduate School, Bryn Mawr College, 1929—.

CHARLOTTE BRANDON HOWE, M.A., *Director of Halls and Warden of Wyndham.*

A.B. Radcliffe College 1922 and M.A. 1929. Hall Mistress, Whitman Hall, Radcliffe College, 1928-30. Warden of Wyndham, Bryn Mawr College, 1930-32 and Director of Halls 1930—.

LAURA MORSE RICHARDSON, A.B., *Assistant Warden of Pembroke Hall.*

A.B. Bryn Mawr College 1930. Tutor in a French family, 1930-31. Reader in Music and Assistant Warden of Pembroke Hall, Bryn Mawr College, 1931-32.

ROSAMOND CROSS, A.B., *Warden-elect of Denbigh Hall.*

A.B. Bryn Mawr College 1929. Teacher of History, Concord Academy, Concord, Massachusetts, 1929-32. Warden-elect of Denbigh Hall, Bryn Mawr College, 1932.

- RUTH MULFORD COLLINS, M.A., *Warden-elect of Rockefeller Hall.*
 A.B. Mills College, 1927; M.A. University of California, 1929; M.A. Bryn Mawr College, 1930. Graduate Student, University of California, 1927-28. Apprentice Teacher, Thorne School, Bryn Mawr and Graduate Student in English and Education, Bryn Mawr College, 1928-29; Fellow in English, Bryn Mawr College, 1929-30 and Instructor in English, 1930-31; Helene and Cecil Rubel Foundation Fellow studying in London, 1931-32. Warden-elect of Rockefeller Hall, Bryn Mawr College, 1932.
- JOSEPHINE McCULLOCH FISHER, A.B., *Warden-elect of Merion Hall, Semester I.*
 A.B. Bryn Mawr College 1922. Student, Newnham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27; Warden of Pembroke Hall, Bryn Mawr College, 1927-31 and Warden-elect of Merion Hall 1932.
- GERTRUDE BANCROFT, A.B., *Assistant Warden-elect of Merion Hall, Semester I and Warden-elect of Merion Hall, Semester II.*
 A.B. Bryn Mawr College 1930. Student, University of London, 1931-32. Assistant Warden-elect of Merion Hall, Bryn Mawr College, Semester I, 1932-33 and Warden-elect of Merion Hall Semester II, 1932-33.

DEPARTMENT OF PHYSICAL EDUCATION

- JOSEPHINE PETTS, *Director of Physical Education.*
 Graduate of the Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Instructor in Physical Education, Central School of Hygiene and Physical Education, New York, 1919-22; Instructor in Physical Education, Teachers College, Columbia University, 1922-28; Director of Physical Education, Bryn Mawr College, 1928—.
- MARNA V. BRADY, M.A., *Assistant Director of Physical Education.*
 B.S. University of Cincinnati 1925; M.A. Teachers' College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27 and Columbia University, summer, 1928; Assistant Director of Physical Education, Bryn Mawr College, 1928—.
- ETHEL M. GRANT, *Instructor in Physical Education.*
 Honors Diploma with Distinction, Liverpool Physical Training College, 1923. Instructor in Physical Education in schools of England, 1923-26; Instructor in Physical Education, the Gordon-Roney School, Philadelphia, 1926-30; Instructor in Physical Education, Bryn Mawr College, 1930—.

HEALTH DEPARTMENT

- MARION EDWARDS PARK, Ph.D., *Ex-officio.*
- HELEN TAFT MANNING, Ph.D., *Head of Health Department.*
- THOMAS F. BRANSON, M.D., *Physician-in-Chief.*
 A.B. Haverford College 1889; M.D. University of Pennsylvania 1892. Physician-in-Chief, Bryn Mawr College, 1907—. Attending Physician, Bryn Mawr Hospital.
- MARJORIE JEFFERIES WAGONER, M.D., *College Physician.*
 A.B. Bryn Mawr College 1918; M.D. University of Pennsylvania 1922. Interne, Philadelphia General Hospital, 1920-24. College Physician, Bryn Mawr College, 1924—.
- JOSEPHINE PETTS, *Director of Physical Education.*

Consultant Physicians.

A number of physicians, resident in Philadelphia and representing the principal special divisions of medicine and surgery, have consented to act as consultants when called on by the Health Department.

DEPARTMENT OF BUSINESS ADMINISTRATION

- CHARLOTTE BRANDON HOWE, M.A., *Director of Halls.*
- SANDY LEE HURST, *Comptroller.*
- JOHN J. FOLEY, *Superintendent.*
- LAURA M. S. HOWARD, *Chief Clerk.*
- HILDA ROBINS, *Supervisor of Culinary Department.*
- WINFIELD DAUGHERTY, *Fire Chief.*

FACULTY COMMITTEES

STANDING COMMITTEES OF THE FACULTY

1932-33

Faculty Representatives on the Board of Directors

PROFESSOR WELLS
PROFESSOR SWINDLER
PROFESSOR CRENSHAW

Committee on Nominations

PROFESSOR W. R. SMITH
PROFESSOR GARDINER
PROFESSOR DE LAGUNA

Committee on Appointments

DEAN SCHENCK
PROFESSOR TAYLOR
PROFESSOR DE LAGUNA
PROFESSOR GRAY
PROFESSOR CHEW

Committee on Curriculum

PRESIDENT PARK, *Chairman*
DEAN MANNING, *by invitation*
PROFESSOR HERBEN
DR. ROBBINS*
PROFESSOR LEUBA
PROFESSOR GARDINER
MR. NAHM
PROFESSOR TAYLOR

Committee on Petitions

DEAN MANNING, *ex-officio*
PROFESSOR SANDERS, *ex-officio*
PROFESSOR HELSON
PROFESSOR BROUGHTON
PROFESSOR CRANDALL

Committee on Libraries

PROFESSOR GILMAN
DR. WEISS
PROFESSOR DAVID

Committee on Laboratories

PROFESSOR CRENSHAW
DR. DEWEY
DR. BLANCHARD

Committee on Schedules

DEAN MANNING, *ex-officio*
PROFESSOR GARDINER
DR. ROBBINS
DR. HEDLUND

Committee on Entrance Examinations

PRESIDENT PARK, *Chairman*
DEAN MANNING, *by invitation*
MISS GAVILLER, *ex-officio*
DR. HEDLUND
PROFESSOR BROUGHTON
PROFESSOR DONNELLY
PROFESSOR GILMAN
PROFESSOR WELLS

Committees on Language Examinations

French—
PROFESSOR GILMAN
PROFESSOR M. P. SMITH
DR. WATSON
German—
PROFESSOR M. DIEZ
PROFESSOR CARPENTER
DR. LEHR

Committee on Housing

PROFESSOR W. R. SMITH
DR. FAIRCHILD
PROFESSOR FENWICK

* Substitute for Professor Rogers.

STANDING COMMITTEES OF THE ACADEMIC COUNCIL
1932-33

*Committee on Graduate
Students*

PRESIDENT PARK, *Chairman*
DEAN SCHENCK, *ex-officio*
PROFESSOR DONNELLY*
PROFESSOR M. P. SMITH
PROFESSOR CRENSHAW

*Committee on Graduate
Courses*

PRESIDENT PARK, *Chairman*
PROFESSOR M. P. SMITH
PROFESSOR GILLET
PROFESSOR TENNENT

Committee on Learned Publications

PRESIDENT PARK, *Chairman*
PROFESSOR FENWICK
PROFESSOR CRANDALL
PROFESSOR CARPENTER

STANDING COMMITTEES OF THE SENATE
1932-33

Executive Committee

PRESIDENT PARK, *Chairman*
DEAN MANNING, *ex-officio*
PROFESSOR W. R. SMITH,
ex-officio
PROFESSOR DAVID
PROFESSOR CRANDALL
PROFESSOR TENNENT

Judicial Committee

PRESIDENT PARK, *Chairman*
DEAN MANNING, *ex-officio*
PROFESSOR M. P. SMITH
PROFESSOR LEUBA
PROFESSOR CHEW

* Substitute for Professor Cadbury.

HONORARY CORRESPONDING SECRETARIES

The following honorary corresponding secretaries, all of whom are graduates of Bryn Mawr College, have kindly consented to act as representatives of the college in the cities in which they live and will at any time be glad to answer questions about the college.

CALIFORNIA:

PASADENA: MISS KATE WILLIAMS, *485 Palmetto Drive.*

SAN FRANCISCO: MRS. COLIS MITCHUM, *3320 Jackson Street.*

MRS. CHARLES PRICE DEEMS, *11 Commonwealth Ave.*

COLORADO:

DENVER: MRS. HENRY SWAN, *740 Emerson Street.*

CONNECTICUT:

FARMINGTON: MRS. HERBERT KNOX SMITH.

NEW HAVEN: MRS. CHARLES McLEAN ANDREWS, *424 St. Ronan Street.*

DISTRICT OF COLUMBIA:

WASHINGTON: BARONESS SERGE ALEXANDER KORFF, *2308 California Street.*

ILLINOIS:

CHICAGO: MRS. JAMES FOSTER PORTER, *1085 Sheridan Road, Hubbard Woods.*

MRS. MORRIS LEIDY JOHNSTON, *1520 Dearborn Parkway.*

INDIANA:

INDIANAPOLIS: MRS. FRANK NICHOLAS LEWIS, *3216 North Pennsylvania Street.*

MARYLAND:

BALTIMORE: MRS. ANTHONY MORRIS CAREY, *4311 Rugby Road.*

MASSACHUSETTS:

BOSTON: MRS. INGERSOLL BOWDITCH, *32 Woodland Road, Jamaica Plain.*

CAMBRIDGE: MRS. ROBERT WALCOTT, *152 Brattle Street.*

FALL RIVER: MRS. RANDALL NELSON DURFEE, *19 Highland Avenue.*

MINNESOTA:

MINNEAPOLIS: MRS. CLARENCE MORGAN HARDENBERGH, *1788 Fremont Avenue South.*

MRS. HAROLD OLNEY HUNT, *2318 First Avenue South.*

MRS. MOSES STEPHEN SLAUGHTER, *2739 Garfield Avenue.*

MISSOURI:

ST. LOUIS: MRS. GEORGE GELLHORN, *4366 McPherson Avenue.*

NEW YORK:

NEW YORK CITY: MRS. LEARNED HAND, *142 East 65th Street.*

CLINTON: MRS. ARTHUR PERCY SAUNDERS.

OHIO:

CINCINNATI: MRS. RUSSELL WILSON, *2726 Johnstone Place.*

CLEVELAND: MISS ALICE PEIRSON GANNETT, *1420 East 31st Street.*

OREGON:

PORTLAND: MRS. HENRY MINOR ESTERLY, *Inwood, Hewett Boulevard, Route 5.*

PENNSYLVANIA:

PITTSBURGH: MRS. ALEXANDER JOHNSTON BARRON, *Glen Osborne Sewickley.*

MRS. CAROLL MILLER, *4 Von Lent Place.*

VIRGINIA:

RICHMOND: MRS. WYNDHAM BOLLING BLANTON, *3015 Seminary Avenue.*

ENGLAND: THE HON. MRS. B. RUSSELL, *11 St. Leonard's Terrace, Chelsea, London.*

THE GRADUATE SCHOOL

The Graduate School of Bryn Mawr College exists to give advanced instruction and to foster research in the fields of ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art and education. Bryn Mawr College offers special opportunities to its graduate students for the working out of research problems in small seminaries under the personal direction of the heads of departments. The degrees of Master of Arts and Doctor of Philosophy are conferred and in addition to these degrees first and second year certificates are awarded by the Carola Woerishoffer Graduate Department of Social Economy and Social Research.

From the first it has been the policy of the Trustees of Bryn Mawr College to organize no department in which they could not provide for graduate as well as undergraduate study. In each department (except the Department of Music) a consecutive series of graduate courses pursued throughout three years provides preparation in the chief or major subject of the examination for the degree of Doctor of Philosophy and certain courses may be pursued for one or two years and offered as one of the two minor or secondary subjects.

Admission

Application for admission to the Graduate School should be made to the Dean of the Graduate School, Bryn Mawr College, Bryn Mawr, Pennsylvania.

Application

Graduate students must present a diploma from some college of acknowledged standing. They must satisfy the several instructors of their ability to profit by the courses they desire to follow and may be required to pursue certain introductory or auxiliary studies before they are admitted to the advanced or purely graduate courses.

Graduate Students

Graduates of Bryn Mawr College and graduates of other colleges satisfying the Academic Council that the course of study for which they have received the degree of Bachelor of Arts is equivalent to that for which that degree is given at Bryn Mawr, or who have made up any deficiency, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts, or Doctor of Philosophy and Master of Arts; admission to the graduate school does not automatically qualify a student to become a candidate for these degrees. Students not studying for these degrees are, however, entitled to personal guidance and supervision from the instructors of the Graduate School.

The most distinguished place in the Graduate School is held by the resident fellows and graduate scholars, who must live in Radnor Hall, the graduate hall of the college, during the academic year. There are offered annually in the Graduate School three fellowships for study in Europe, one special foundation fellowship for study in an American college, twenty-two resident fellowships, twenty-two resident graduate scholarships and five graduate scholarships for foreign women.*

Fellows and Scholars

* For details of these awards, see pages 85-88.

Residence

Residence for Graduate Students

Residence in Radnor Hall, the graduate hall, is optional except for holders of resident fellowships and scholarships. Every student has a separate room. The charge of \$100 for room-rent is payable on registration and includes all expenses of furnishing, service, heating and light.* Those who do not reside in the graduate hall are expected to make arrangements which are satisfactory to the college.

Plans and descriptions of Radnor Hall are published in Part 3 of the Bryn Mawr College Calendar.

Application for Rooms

Application for rooms must be made as early as possible. The demand for graduate rooms is very great and since unnecessarily reserving a room may prevent some other student from entering the college, a deposit of fifteen dollars is required in order that the application may be registered. In case the applicant enters the college in the year for which the room is reserved, the amount of the deposit is deducted from the first college bill. If she changes the date of her application or files formal notice of withdrawal at the Office of the Secretary and Registrar before August first of the year for which the application is made, the deposit will be refunded. If, for any reason whatever, the change or withdrawal be made later than August first, the deposit will be forfeited to the college. Students making application for a room for the second semester forfeit the deposit if they do not file notice of withdrawal at the Secretary's office before January first of the academic year for which the room is reserved. In order to make application for a room it is necessary to sign a room-contract which will be sent on application and return it with the fee of fifteen dollars to the Secretary and Registrar of the College. A deposit of fifteen dollars must also be made by each student in residence in order to insure the tenure of her room for the following academic year. This sum will be forfeited if formal notice of withdrawal is not filed at the office of the Secretary and Registrar on or before May first of the current year.

With- drawal

Every applicant who reserves a room after the first of September or who fails to withdraw her application by that date and either does not occupy the room at all or vacates it during the college year prevents some other student from obtaining admission as a resident student to the college. Therefore, unless formal notice of withdrawal of application for the ensuing academic year is received by the Secretary and Registrar of the College by the first of September (or in the case of an application for the second semester only, by the first of January) the applicant is responsible for the rent of the room for the whole year. The charge for room-rent is not subject to remission or deduction unless the college is able to re-rent the room. The applicant is not entitled to dispose of the room thus left vacant.

Board

The charge for board is four hundred dollars a year, one half being payable on registration and the other half at the beginning of the second semester.

* Students are expected to provide their own rugs—although upon request they will be supplied—curtains and towels, but in every other respect the rooms are completely furnished. No part is taken by the students in the care of their own rooms.

In case of prolonged illness and absence from the college extending over six weeks or more, there will be a proportionate reduction in charge for board.

Accommodation is provided for graduate students who wish to remain at the college during the Christmas and Easter vacations at fifteen dollars a week. At Christmas the college halls are closed, but accommodation may be obtained near the college campus. At Easter graduate students may occupy their own rooms at the above rate. Any student remaining in Bryn Mawr or nearby and not in the college or in her own home for all or part of the vacation must make arrangements satisfactory to the Dean of the Graduate School.

Accommodation for Vacations

The college reserves the right to exclude at any time and to cancel the fellowships and scholarships of students whose conduct or academic standing renders them undesirable members of the college community. In such cases fees due or paid in advance will not be refunded or remitted in whole or in part.

College Regulations

In case of emergency the college assumes the right to take all responsibility.

Expenses

Tuition

The charge for tuition for graduate students is \$250 a year, one-half being payable on registration and the other half at the beginning of the second semester.*

Tuition Fee

In cases where a full time registration is not made, tuition fees for graduate student are as follows:

For one graduate seminary or for any graduate course meeting two hours a week.....	\$100
For any graduate course meeting one hour a week.....	\$50
For any undergraduate course†.....	\$125

The tuition fee for the semester becomes due as soon as the student is registered in the college office. No reduction of this fee will be made on account of absence, dismissal or any reason during a semester, or year covered by the fee in question. If a graduate student is admitted to residence or to attendance on lectures after the beginning of a semester a proportionate reduction is made in the charges for board and room-rent and for tuition. Every student who enters the college must register immediately at the Comptroller's office and must register her courses at the Office of the Dean of the Graduate School within two weeks after entrance. Permission to make any change in registration must be received from the Dean of the Graduate School.

Students whose fees are not paid before November first in the first semester and before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

* For Laboratory fees see page 30.

† A special charge of \$100 is made to Candidates for the degree of Master of Arts for the advanced undergraduate work that may be offered in partial fulfillment of the requirements for that degree.

Laboratory Fees

Students registered for laboratory work only are charged a fee of \$25 a semester for 5 hours or less a week of laboratory work, with an additional charge of \$5 an hour for each additional hour.

Students in the departments of Physics, Chemistry, Geology, Biology and Psychology whose laboratory or field work is done in connection with a graduate course or an advanced undergraduate course that may be counted for an advanced degree, shall be charged a laboratory fee of \$10 a semester for each course, the maximum fee charged not to exceed \$25. The fee for laboratory work done in connection with a first or second year undergraduate course is \$15 a semester.

Carola Woerishoffer Certificate Fee

All graduate students, including fellows and scholars, taking two courses or a course which requires field work in the Department of Social Economy and Social Research are charged a laboratory fee of \$10 a semester, and may also be required to provide themselves with two fifty-trip tickets between Bryn Mawr and Philadelphia costing \$9.18 each and to meet their traveling and incidental expenses while working in the field during the semester and vacations. The fee for the certificate is ten dollars and all fellows and scholars are expected to complete work for a certificate and are charged the ten dollars certificate fee.

Graduation Fee

The graduation fee for Doctors of Philosophy and Masters of Arts is twenty dollars.

Infirmary Fee

The infirmary fee is \$20.00 for each resident graduate student, payable on registration. Payment of this fee entitles each graduate student to care in the infirmary for four days during the year, not necessarily consecutive, with attendance by the college physicians and, if the illness is not contagious, to nursing. In the event of an illness of longer duration and of all contagious illnesses the student must meet or, in the case of two or more students with the same contagious disease, share the expenses of a special nurse, the infirmary fees and any hospital or sanitarium charges, should removal from the college be ordered by the Physician-in-Chief.

The infirmary fee for the student, exclusive of the four days covered by the stated fee, is \$6.00 a day, which includes nursing, provided that one of the college nurses is able to care for her. A special nurse for one student costs approximately \$8.30 a day or \$58.10 a week, which includes the cost of the nurse's fee, board and laundry. In contagious diseases the fee is \$9.30 a day or \$65.10 a week.

Any resident graduate student becoming ill while away from college is asked to communicate immediately with the Dean of the Graduate School.

Summary of Expenses

Summary of Total Expenses for the Academic Year	
Tuition fee*	\$250
Room-rent	100
Board	400
Infirmary fee†	20
Total	<u>\$770</u>

* For Laboratory fees see top of page.

† This fee entitles the student to four days (not necessarily consecutive) resident care in the Infirmary and to consultations with the College Physician during her office hours.

DEPARTMENT OF HEALTH

Health

A Health Committee consisting of the President of the College, the Dean of the College, who is Chairman of the Committee, the Dean of the Graduate School, the Director of Physical Education, the Physicians of the College, the Wardens and the Senior Resident of Radnor Hall has charge of the health of the students.

The department of health requires that every student file with the Chairman a certificate of a recent medical examination signed by the student's physician.

A certificate of vaccination within one year of entering college is also demanded, otherwise students must be vaccinated by one of the college physicians. The fee for such vaccination is five dollars.

Every student must file a certificate stating that her eyes have been examined by an oculist within six months before entrance. Failure to comply with the above rule entails an examination by one of the college consultants in ophthalmology for which the students will be charged as private patients by the ophthalmologist who makes the examination. If glasses are prescribed they must be obtained.

Eminent specialists practising in Philadelphia have consented to act as consulting physicians to the college; their fees will be furnished upon request. Students may consult the Resident Physician without charge at her office in the college Infirmary during the regular office hours.

Students ill in the graduate hall are required to report their illness immediately to the Senior Resident. Such cases will always be investigated and if the College Physician believes it advisable, the student will be admitted to the Infirmary. Outside physicians will not be permitted to visit students in the graduate hall, unless called in special cases by the College Physician.

Graduate Association

In 1893 the Bryn Mawr Graduate Association was organized by the graduate students then in residence, its object being to further the social life of the graduate students. In 1925 it took over the regulation of matters in regard to the conduct of the graduate students in cases not purely academic or affecting hall management or the student body as a whole. All resident students in the Graduate School are members of this association.

*Graduate
Association*

THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

The Degree of Master of Arts

The Degree of Master of Arts

The degree of Master of Arts in no case will be conferred by the college as an honorary degree, but only upon the completion of the following requirements:

A graduate student who desires to become a candidate for the M.A. degree should make application, if possible, before October 1st of the academic year in which she expects to take the degree. With her application she should submit her complete academic record, including matriculation credits, in order that the Committee on Graduate Students may estimate her work and advise her as to the removal of any deficiencies.

The Committee on Graduate Students has power to grant special consideration to foreign students whose previous training has been of a different character from that required for the A.B. degree in the United States. In such cases, however, the committee may reserve its decision until the student has given satisfactory evidence of her ability in graduate work at Bryn Mawr.

Any deficiency in the preliminary requirements must be made up according to the specifications of the Committee on Graduate Students not later than the last year in which courses are taken for the degree.

PRELIMINARY REQUIREMENTS

Preliminary Requirements

(a) *Admission to courses.*

Preliminary training equivalent to two and one-half units* of undergraduate work at Bryn Mawr College in the subject of the course is in general required for admission to a course to be counted for the M.A. degree. In special cases, with the approval of the department concerned, work in related subjects of equivalent value in preparation may be accepted. In all such cases, however, the candidate must have taken in some one subject the equivalent to two and one-half units of undergraduate work at Bryn Mawr College.

(b) *Knowledge of Literature, Philosophy, Psychology, Laboratory Sciences, Mathematics.*

A candidate is required to present credits for at least eight semester hours (or one Bryn Mawr undergraduate unit) of Literature based on a preparation of three college-entrance units or their equivalent in college work. A candidate is required to present credits for sixteen semester hours

* Counted by semester hours this amounts to approximately 20 semester hours. For admission to graduate seminars in the Department of English, however, approximately thirty-two semester hours are required.

(or two Bryn Mawr undergraduate units) of undergraduate work in two or more of the following subjects: Philosophy, Psychology, Laboratory Science (i. e. Physics, Chemistry, Geology, or Biology, accompanied by laboratory work), or Mathematics. Not more than eight semester hours may be in any one of these subjects and sixteen hours may not be entirely in Philosophy and Psychology. If the candidate has no college or matriculation credit in a laboratory science she will be required by the Committee on Graduate Students to make up her deficiency by taking in Bryn Mawr College, or in another institution approved by the committee, at least six semester hours of laboratory science, which may be counted in the above sixteen hours.

(c) *Knowledge of Latin.*

A candidate must be able to read Latin prose of moderate difficulty. This requirement will ordinarily be met by the presentation of three units of matriculation credit. A candidate who falls short of this requirement must make up her deficiency in a way prescribed by the Committee on Graduate Students.

(d) *Knowledge of French and German.*

A candidate must prove her ability to read French and German by passing written examinations. The Bryn Mawr undergraduate examinations in French and German are accepted as fulfilling this requirement in the case of graduates of Bryn Mawr College.

Examinations in French and German are held each year within two weeks after the opening of college and candidates must present themselves for examination at this time. For candidates who fail in this examination a second examination is held before Thanksgiving. These examinations shall be of the type of the Bryn Mawr General Language Examinations for the A.B. degree, and shall be conducted by the Committees on General Language Examinations.

If five years have passed between the date of a candidate's language examination and the autumn of the year in which she proposes to present herself for the degree she shall be re-examined unless the department in which she is working recommends to the Graduate Committee to excuse her from further examination on the ground of her proficiency in French and German, or French, or German. This shall apply to Bryn Mawr graduates as to all other candidates.

(e) *Ability to use English.*

A candidate must be able to give a report and carry on discussion in satisfactory English. A candidate who is unable to write correct English will be required by the Committee on Graduate Students to make up her deficiencies in this respect by doing special work under the direction of the Department of English.

REQUIREMENTS

Requirements for the Degree of Master of Arts

Courses.—Every candidate must attend at Bryn Mawr College three unit graduate courses* or two unit graduate courses and one and one-half units of advanced undergraduate work.† These courses must be taken in a field established by one of the accepted combinations of Majors and Minors for the degree of Doctor of Philosophy.‡

Examinations.—Every candidate is required to take examinations on the courses offered. These examinations are held in the first week of the May examination period. The examination books together with the examiner's estimate of them as "satisfactory" or "unsatisfactory" shall be sent to the Committee on Graduate Students which shall report to the Academic Council.

The work for the degree need not be taken in one year, but examinations on all the courses offered must be taken in the May examination period of the year in which the degree is conferred.

The Degree of Doctor of Philosophy and Master of Arts

The degree of Doctor of Philosophy and Master of Arts** will in no case be conferred by the college as an honorary degree, but only upon the completion of the following requirements:

Before an applicant for the degree of Ph.D. can be accepted as a candidate she must submit to the Committee on Graduate Students in writing§ an account of her general preparation, stating in particular the extent of her knowledge of French, German and Latin and also the subjects she wishes to offer as Major and Minors for the degree and the amount and character of her previous work in these subjects. If this statement is satisfactory she will be registered as a candidate. If the candidate's preparation is found by the Committee on Graduate Students to be in any way insufficient she shall be required to undertake suitable extra work.

REQUIREMENTS

Requirements for the Degree of Doctor of Philosophy and Master of Arts

1. *Time.*—The candidate shall devote to graduate work at least the equivalent of three full years. This minimum will usually be exceeded.

2. *Residence.*—Two years of work in residence at Bryn Mawr are required. The remainder of the work may be done at other institutions approved by the Committee on Graduate Students. In special cases the committee may accept work done under direction of scholars not directly connected with a college or university.

* A graduate seminary counts as one graduate unit.

† Undergraduate work thus substituted, while counting for the M.A. degree, may not be counted for the Ph.D. degree.

‡ In exceptional cases for students who have already proved their ability in graduate or advanced undergraduate work in their chief subject of study, a special plan of independent work may be recommended by the department concerned as a substitute for one of the unit graduate courses or for all or part of the one and one-half units of undergraduate work. The recommendation of students for this plan is entirely within the discretion of the department.

** This is the form in which the degree has always been conferred.

§ Using the application blank issued by the Committee on Graduate Students.

3. *Subjects.*—The course of study shall consist of one principal and one or two subordinate subjects and shall be divided between at least two departments. The principal subject is known as the Major. When there are two subordinate subjects, one shall be in the same department as the Major or in a closely allied department and is known as the Associated Minor; the other shall be in a different department from the Major and is known as the Independent Minor. When there is one subordinate subject it may be (a) the Independent Minor alone, in which case the Associated Minor and the Major are in the same subject, or (b) equivalent to both the Independent Minor and the Associated Minor, in which case it is known as a Double Minor. A list of all the approved combinations of Majors and Minors has been issued by the Academic Council and no combination not on this approved list shall be allowed without special action of the Council, except that in the case of Independent Minors the Committee on Graduate Students has the power to accept a subject in a combination not on the approved list, such action, when taken, to be reported to the Council.

4. *Courses.*—Subject to the exception stated below, eight unit graduate courses or seminaries are required for the Ph.D. degree. A unit graduate course or seminary requires approximately one-third of a student's time for one year, so that three such courses will represent full-time work. Students are not permitted to register for more work than this.

*Graduate
Courses or
Seminaries*

Some courses are offered which require less than one-third of a student's time and these count as proportionate parts of a unit course. When work done elsewhere is offered in partial fulfilment of the requirements for the degree at Bryn Mawr, the Committee on Graduate Students shall determine the equivalent of such work in terms of unit graduate courses at Bryn Mawr.

Of the eight courses required, six shall be in the Major and Associated Minor and two in the Independent Minor. The division of courses between the Major and Associated Minor, whether these are in the same or different departments, shall be subject to the approval of the Supervising Committee. If the Associated Minor and Independent Minor are in the same department, not less than four courses shall be taken in the major subject.

While the eight graduate courses required are understood to be organized courses, as announced in the Calendar, the department in which a candidate's major work is being done may, at its discretion, direct that other work shall be substituted for one of them. This substitution may be in the Major or in one of the Minors. Work thus substituted for a regular course may not be work upon the dissertation, except in the departments of laboratory science, viz., Physics, Chemistry, Geology, Biology, and Experimental Psychology. Such work must be covered in one of the examinations regularly provided or by a special examination or report. It shall be registered at the Office of the Dean of the Graduate School and at the time of registration its character and the way in which it is to be tested shall be indicated. When, under this option, only one graduate

course is taken in the Independent Minor, no mention of the Independent Minor shall be made in the diploma.

If a student's complete work in any one department exceeds two courses it may not be taken with a single instructor, except with the permission of the Committee on Graduate Students.

No undergraduate courses shall count towards the Ph.D. degree, even though a candidate may be obliged to take such courses in order to supplement her preparation in her subjects, except certain advanced courses in science recognized by the Committee on Graduate Students as equivalent to graduate courses in virtue of assigned supplementary reading or laboratory work or both. Such assigned supplementary reading or laboratory work shall be reported in writing by the instructor to the Committee on Graduate Students so as to indicate in what respect the course differs from undergraduate work.

All graduate courses must be completed before the Final Examination.

*Journal
Clubs*

Journal Clubs.—Every candidate takes part in the work of three Journal Clubs, two in her Major and one in her Associated Minor; but candidates who are in residence for only two years may omit one of the three. Departments may, however, require participation in Journal Clubs on the part of all students who are pursuing the work as a Major.

*Language
Examina-
tions*

5. *Tests in French, German, English and Latin.*—Every candidate must pass a written examination in the reading of such French and German as it will be necessary for her to read in the course of her work in the major subject. These examinations shall be taken as soon after registration as possible; in any case not later than one calendar year* before the date of the Final Examination.† Any department so desiring may, however, require the passing of these examinations at an earlier point in the student's course. In case of failure, the Committee on Graduate Students may allow a second trial, but not later than an early date in the academic year in which the candidate is to complete the requirements for the degree. If the candidate's Major or Minor is modern French or German she will be excused from the corresponding test.

Every candidate must be able to write clear and correct English and may be required to furnish to the Committee on Graduate Students satisfactory evidence of such ability. The candidate may also be required to give evidence that she has some knowledge of Latin.

Dissertation

6. *Dissertation.*—The candidate shall present a dissertation which must be the result of independent investigation in the field covered by the major subject. It must contain new results, arguments or conclusions or it must present accepted results in a new light. It must be published within three years from the Commencement after the candidate has passed the

* The Committee on Graduate Students regularly offers these examinations on the first Saturday after the Thanksgiving vacation, on the first day of the Mid-Year Examination period and on the first Saturday after the Spring Vacation.

† Language examinations in French and German for the Ph.D. degree may be taken in the autumn of the year in which the student applies for the degree provided she has been abroad the preceding year and therefore unable to present herself for examination.

Final Examination (unless a special extension of time is granted by the Committee on Graduate Students), and 150* copies must be supplied to the College (addressed to the Office of the Dean of the Graduate School). The candidate shall not be entitled to use the degree until her dissertation shall have been published in approved form.

7. *Examinations.*—The progress and attainments of the candidate shall be tested by examinations and certified, as specified in the printed regulations.

*Examina-
tions*

* Two of these must be bound in a specified manner for use in the Library.

COURSES OF STUDY

Graduate Courses

Graduate courses, which are open only to graduate students, are offered in Comparative Philology and Linguistics, Greek, Latin, English Philology, including Anglo-Saxon, Early and Middle English, English Literature, Modern and Old French, Italian, Spanish, German Literature, Gothic, Teutonic Philology, Old Norse, Old High German, Middle High German, Old Saxon, Biblical Literature, History, Economics and Politics, Social Economy and Social Research, Philosophy, Psychology, Education, Classical Archaeology, History of Art, Music, Mathematics, Physics, Physical and Organic Chemistry, Geology, Mineralogy, Palæontology, Morphology and Physiology.

Advanced undergraduate courses to which graduate students are admitted are offered in all departments.

REGULATIONS

Regulations

Lists of approved associated and independent minors for all departments will be found in the Regulations of the Academic Council.

Books needed by the graduate students are collected in the seminary library of each department.

Biblical Literature

PROFESSOR:

*HENRY JOEL CADBURY, Ph.D.

LECTURER:

KATHARINE HAZELTINE PATON, B.D.

GRADUATE COURSES

Graduate Courses

The work of the department is so arranged that students may specialize in Biblical history and literature or in Hellenistic Greek and the private reading and original research of such students will be directed. Two hours a week of seminary work are offered in each subject and in some cases graduate students may profitably attend the elective courses.

Seminary in Critical Readings of the Greek New Testament: Dr. Cadbury. *Two hours a week throughout the year.*

(Not given in 1932-33)

Philological, historical and exegetical study of selected writings in the Greek Bible and in kindred Hellenistic literature. A knowledge of Greek is required.

Seminary in the Bible: Dr. Cadbury. *Two hours a week throughout the year.*

(Not given in 1932-33)

The study in successive years of different major literary and historical problems of the Bible, with the modern discussions of them. A knowledge of the original languages is useful but not indispensable.

FREE ELECTIVE COURSES

Free Elective Courses

The Literary History of the Bible: Mrs. Paton.

Credit: One-half unit.

(Given in 1932-33)

* Granted leave of absence for the year 1932-33.

A general course on the contents of the English Bible (including apocryphal writings) studied from the viewpoint of literary forms and origins and aiming to enable the student to recognize the influence of the Bible on art, literature and other aspects of civilization.

Rapid Reading in the Greek New Testament: Dr. Cadbury.

Credit: One-half unit.

(Not given in 1932-33)

This course is open to students who have passed the matriculation examination in Greek or attended the elementary course in Greek. It is intended to give a knowledge of Biblical Greek and facility in reading. The course is varied so that it may be pursued through several semesters.

Elementary Hebrew: Dr. Cadbury.

Credit: One-half unit.

(Not given in 1932-33)

Progress of Religious Thought in the Old and New Testament: Mrs. Paton.

Credit: One unit.

(Given in 1932-33)

Biology

PROFESSOR:	DAVID HILT TENNENT, Ph.D.
ASSOCIATE PROFESSOR:	MARY SUMMERFIELD GARDINER, Ph.D.
ASSOCIATE:	ERNEST WESLEY BLANCHARD, Ph.D.

GRADUATE COURSES

Ten hours a week of seminary work and graduate lectures are offered to graduate students of biology accompanied by the direction of private reading, laboratory work and original research. The advanced undergraduate courses of the department may be elected by graduate students. These courses are varied from year to year, so as to form a consecutive course for students who wish to make biology one of the chief subjects of the examination for the degree of Doctor of Philosophy. Such students may specialize either in animal morphology under the guidance of Dr. Tennent or in physiology or biochemistry under the guidance of Dr. Blanchard.

Graduate Courses

Seminary in Zoölogy: Dr. Tennent. *Three hours a week throughout the year.*

(Given in each year)

1932-33: Embryology of Invertebrates.

The work includes a systematic survey of the normal development of invertebrates; of the problems of germinal organization, cleavage and differentiation and a discussion of the bearing of these questions on evolution and inheritance.

1933-34: Cytology.

The work deals with the anatomy of the cell and the relations and functions of its various structures in unicellular and multicellular organisms. Special attention is given to the phenomena of spermatogenesis and oögenesis and the theories connected therewith.

Seminary in Biochemistry: Dr. Blanchard.

Three hours a week throughout the year.

(Given in 1932-33)

This course consists of supervised reading, lectures and discussions on selected topics. It provides also pre-research training in laboratory methods. In certain cases a special problem may be undertaken. The advanced undergraduate course or its equivalent is prerequisite. Some knowledge of organic and physical chemistry is assumed.

Seminary in Physiology: Dr. Blanchard.

*Three hours a week throughout the year.
(Given in 1933-34)*

This course consists of supervised readings, lectures and discussions on selected topics. In order to introduce the student to the methods of physiological research it is recommended that each student undertake some special problem. The advanced course in physiology, or its equivalent, is a prerequisite. A knowledge of the elements of organic, physical, and bio-chemistry is assumed.

Laboratory Work: Dr. Tennent and Dr. Blanchard.

There is no regular course of laboratory instruction for graduates. Each student desiring to devote a considerable portion of her time to such work is given an experimental problem for verification or extension. The nature of the work depends in each case on the qualifications of the student.

*Journal
Club*

Biological Journal Club: Dr. Tennent and Dr. Blanchard.

One hour a week throughout the year.

The advanced students and the instructors meet for the presentation and discussion of topics of current biological literature.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Cytology: Dr. Tennent.

Credit: One unit.

(Given in 1932-33)

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation and fertilization. Both plant and animal cells are studied and instruction is given in methods of preparing cytological material for microscopical examination. At least six hours of laboratory work are required.

Embryology of Vertebrates: Dr. Tennent.

Credit: One unit.

(Given in 1933-34)

This course consists of lectures, assigned reading and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of Amphioxus, Ascidian, Amia, Lepidosteus, Squalus, Ctenolabrus, Necturus, Rana, Chrysemys, Chick and Pig. At least six hours of laboratory work are required.

The course is divided as follows: Early stages of Development is the subject of the first semester and Organogeny is the subject of the second semester

Theories of Heredity: Dr. Gardiner.

Credit: One unit.

(Given in each year)

This course presents a survey of the experimental work upon heredity and includes a consideration of Mendelism and subsequent theories of inheritance. There are two lectures a week; the remainder of the student's time is divided between laboratory work covering a study of chromosomes and simple breeding experiments, and reading assignments from original papers.

Advanced Physiology: Dr. Blanchard.

Credit: One unit.

(Given in 1932-33)

A study of the vital functions of living organisms from the chemical and physical as well as from the biological standpoint. During the second semester the stress is placed upon mammalian physiology. The laboratory work is planned to develop a knowledge of the technique of physiological experimentation as well as to present the facts in a form

in which they may be easily grasped by the student. It is expected, except in special instances, that the student will have had the equivalent of two years of chemistry. There are two hours of lecture and a minimum of six hours of laboratory work per week. Students may, with the permission of the instructor, perform a certain amount of independent investigation.

Biochemistry: Dr. Blanchard.

Credit: One unit.

(Given in 1933-34)

This course deals with the simpler aspects of the chemistry of living organisms. The properties and reactions of substances of biological importance are studied. Under ordinary circumstances it is expected that a student will have had organic chemistry. There are two lectures and six hours of laboratory work each week.

Chemistry

PROFESSOR: JAMES LLEWELLYN CRENSHAW, Ph.D.
 ASSOCIATE: NELSON KELLOGG RICHTMYER, Ph.D.
 INSTRUCTOR: EDITH HAMILTON LANMAN, M.A.

GRADUATE COURSES

The graduate courses in chemistry consist of lectures upon inorganic, organic and physical chemistry, seminars, reports upon current chemical literature and laboratory work. A reading knowledge of French and German is indispensable.

*Graduate
Courses*

The lecture courses are varied from year to year to meet the requirements of students and to form a consecutive course for those who wish to make chemistry the major subject in the examination for the degree of Doctor of Philosophy. Such students may specialize either in physical or inorganic chemistry under the direction of Dr. Crenshaw or in organic chemistry under the direction of Dr. Richtmyer.

Chemical Seminary, Physical Chemistry: Dr. Crenshaw.

Two hours a week throughout the year.

(Given in each year)

In the lectures no attempt is made to give a general survey of the subject but certain selected portions of the science are treated in detail and the student is made familiar with problems of current interest. Students counting this course as the equivalent of a seminar are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The laboratory work consists of physico-chemical measurements.

Inorganic Chemistry: Dr. Crenshaw. *One hour a week throughout the year.*

(Given in each year)

The work of the seminary consists of lectures, required reading and reports on various topics. The needs of the individual students are considered in selecting the subjects for discussion.

Chemical Seminary, Organic Chemistry: Dr. Richtmyer.

One hour a week throughout the year.

(Given in each year)

This is intended primarily for students who are carrying on research in organic chemistry and consists of reports on assigned topics which are usually related to the research in which he student is engaged.

Graduate Organic Chemistry: Dr. Richtmyer.

*One hour a week throughout the year.**(Given in each year)*

Lectures, reading and occasional reports cover the historical developments and present status of subjects of current interest.

Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The nature of this work depends so largely on the past training of the student that no definite statement can be made regarding it. A sufficiently advanced student may be assigned a problem to investigate.

Journal Club

Chemical Journal Club: Dr. Crenshaw, Dr. Richtmyer and Miss Lanman.

One hour a week throughout the year.

The advanced students and the instructors meet to hear reports and discuss recent scientific articles.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Physical Chemistry: Dr. Crenshaw.

*Credit: One and one-half units.**(Given in each year)*

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

The laboratory work is designed to prepare the student for physico-chemical research. By special arrangement this course may count for more than one and one-half units of credit.

Advanced Organic Chemistry: Dr. Richtmyer.

*Credit: One unit.**(Given in each year)*

The course consists of lectures and assigned reading with occasional reports and laboratory work. During the past year the following subjects received particular emphasis: quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry. By special arrangement this course may count for more than one unit of credit.

Inorganic Chemistry: Miss Lanman.

*Credit: One unit.**(Given in each year)*

Selected topics in inorganic chemistry are discussed in detail and parallel reading is required. The laboratory work consists of advanced quantitative analyses. By special arrangement this course may count for more than one unit of credit.

Classical Archæology

PROFESSORS:	RHYS CARPENTER, Ph.D. MARY HAMILTON SWINDLER, Ph.D.
ASSOCIATE PROFESSOR:	VALENTIN MÜLLER, Ph.D.

Two archæological seminaries of two hours a week each and a graduate lecture course of one hour a week throughout the year are offered to graduate students who have done elementary archæological work and also a journal club meeting one and one-half hours a fortnight. In addition individual students will be directed in special work by means of private conferences.

GRADUATE COURSES

Two seminaries in archæology, a graduate course and a journal club in archæology are offered to graduate students in addition to the undergraduate courses which are open also to graduate students. *A good reading knowledge of both French and German is indispensable* and familiarity with both Greek and Latin, though not required, is of the utmost value for graduate work in archæology.

*Graduate
Courses*

In connection with graduate courses the students have access to the collections belonging to the department containing replicas of Greek and Roman Coins, fascimiles of gems and seals and a collection of original vase fragments.

The seminaries are open only to graduate students who have had some previous training in classical archæology. The order of the subjects may be changed in accordance with the needs of the students.

Archæological Seminary: Dr. Carpenter. *Two hours a week throughout the year.*
(Given in each year)

1932-33: Greek Sculpture of the Fifth Century.

Archæological Seminary: Dr. Swindler. *Two hours a week throughout the year.*
(Given in each year)

1932-33: Ancient Painting. Some phase of painting in ancient times will be the subject of the seminary.

1933-34: Ægean Archæology with Emphasis on the Recent Discoveries in Crete and Mycenæ.

Archæological Seminary: Dr. Müller. *Two hours a week throughout the year.*
(Given in each year)

1932-33: Interrelations between Oriental and Mediterranean Art.

Greek Epigraphy: Dr. Carpenter. *One hour a week throughout the year.*
(Given in 1932-33)

In the first semester the origin of the Greek alphabet and the epichoric forms are studied. Roehl's *Imagines* and Part I of Robert's *Introduction to Greek Epigraphy* are used as textbooks. In the second semester a variety of inscriptions of artistic and topographic interest are read. The emphasis is archæological rather than linguistic or politico-historical.

Archæological Journal Club: Dr. Carpenter, Dr. Swindler and Dr. Müller. *One and a half hours a fortnight throughout the year.*

*Journal
Club*

The graduate students and the instructors meet for the presentation and discussion of topics of current archæological literature.

ADVANCED UNDERGRADUATE COURSE

*(Given in each year)***Advanced
Course**

Ancient Architecture: Dr. Müller.

Credit: One unit.

The introductory lectures deal with Egyptian, Babylonian, Assyrian, Persian and Ægean building. The remainder of the semester is devoted to a detailed study of the principles and practice of Greek architecture until late Hellenistic times. Emphasis is laid on architectural evolution and its connection with the civilization of the period.

During the second semester the Architecture of Rome and the Roman Empire down to the late Imperial times are studied.

Comparative Philology and Linguistics

This department is under the joint direction of the professors in charge of philological work in the language departments. Comparative Philology and Linguistics may be offered as an independent minor but not as a Major subject for the Ph.D. Graduate students in the language departments, if so directed by the department of major work, may take any of the courses listed below and count them as a part of their philology in the Major Department. Undergraduate preparation entitling a student to do graduate work in any of the language departments will entitle her to work in this department.

The following courses are offered:

Sanskrit: Dr. Mezger.

*Two hours a week during one semester.**(Given in 1932-33)*

Sounds and forms of Sanskrit are studied on a comparative basis.

Old and Middle Welsh: Dr. Mezger.

*Two hours a week during one semester.**(Given in 1932-33)*

Comparative grammar. Reading of the Mabinogion.

Old and Middle Irish: Dr. Mezger.

*Two hours a week during one semester.**(Given in 1933-34)*

Comparative grammar of Old Irish. Interpretation of texts. For students of comparative philology or such as want to read the tales of the Cuchulinn and Finn cycles.

Introduction to Indo-European Linguistics: Dr. Mezger.

*Two hours a week during one semester.**(Given in 1933-34)*

After a general introduction to linguistic science, the relations of the principal languages of the Indo-European group will be studied with respect to sounds, inflection, syntax and word-formation. One dialect (preferably Lithuanian or Church Slavonic) will be dealt with more closely.

Historical Grammar of Greek and Latin: Dr. Broughton.

*Two hours a week throughout the year.**(Given in 1933-34)*

A study of the development of sounds and forms of Greek and Latin. Introduction to the study of Greek and Italic dialects.

The following courses are described in the announcements of the several language departments, but may also be offered as a part of the work in Comparative Philology:

ENGLISH PHILOLOGY

Old English.	<i>Two hours a week throughout the year.</i>
Middle English.	<i>Two hours a week throughout the year.</i>
English Historical Grammar.	<i>Two hours a week throughout the year.</i> <i>(Not given in 1932-33)</i>

Graduate
Courses

ROMANCE PHILOLOGY

Introduction to Old French Philology.	<i>Two hours a week throughout the year.</i>
Old Italian.	<i>Two hours a week throughout the year.</i>
Spanish Philology and Old Spanish Readings.	<i>Two hours a week throughout the year.</i>

GERMANIC PHILOLOGY

Introduction to Germanic Philology.	<i>Two hours a week throughout the year.</i>
Old Norse.	<i>Two hours a week during the first semester.</i>
Old Saxon and Old Frisian.	<i>Two hours a week during the second semester.</i>
Germanic Metrics and German Style.	<i>Two hours a week throughout the year.</i>
Seminary in Germanic Philology.	<i>Two hours a week throughout the year.</i>

Economics and Politics

PROFESSORS:	MARION PARRIS SMITH, Ph.D. CHARLES GHEQUIERE FENWICK, Ph.D.
ASSOCIATE PROFESSOR:	ROGER HEWES WELLS, Ph.D.
NON-RESIDENT LECTURER:	ELEANOR LANSING DULLES, Ph.D.

GRADUATE COURSES

Two or three seminaries are offered each year in addition to the direction of private reading and original research. Two or more advanced undergraduate courses which may be elected by graduate students are given in each year. Students may offer either economics or politics as their major subject for the degree of Doctor of Philosophy.

Graduate
Courses

Seminary in Economics: Dr. Marion Parris Smith.

Two hours a week throughout the year.

(Not given in 1932-33)

The object of the seminary is to train students in the methods of research and in the organization of material. Through short reports and longer papers, members of the seminary are given practice in using original sources and in critical study of secondary sources. The seminary discussion is supplemented by occasional lectures. Each student receives individual direction according to her particular needs and interests. The graduate studies pursued in the seminary are designed to assist in fulfilling the requirements for the higher degrees, in qualifying the student for teaching or further research in economics and in preparing for various government civil service examinations.

1933-34: The Industrial Revolution in Great Britain and Europe.

1934-35: Modern Problems of Distribution.

1935-36: Economic Thought in the Nineteenth Century.

Seminary in Politics: Dr. Fenwick. *Two hours a week throughout the year.*
(Given in each year)

The methods of the seminary are designed to guide advanced students in special research work along the lines indicated by the titles of the courses. Some lectures are given but the main attention is devoted to the presentation and criticism of the results of studies made by the students themselves.

1932-33: The Constitutional Law of the United States.

1933-34: International Law.

1934-35: Constitutional Questions Involved in Modern Economic and Social Problems.

Seminary in Politics or Economics: Dr. Wells.
Two hours a week throughout the year.
(Given in each year)

1932-33: The History of Western Political Thought.

The purpose of this seminary is to trace the development of political ideas; to familiarize the student with the writings of the principal political thinkers from Plato to the present time; and to enable the student to grasp clearly the main problems which contemporary political theory is called upon to explain and to solve. Because of the vastness of the field, the political thought of India, China, and other Eastern nations is omitted, together with the political ideas of primitive peoples. The work of the seminary includes lectures, general reading, student reports, and general class discussions. Students primarily interested in economics may select topics for their individual reports from the history of economic thought.

1933-34: Municipal Political and Economic Problems.

1934-35: Comparative Government and Administration.

*Journal
Club*

Economics and Politics Journal Club: Dr. Marion Parris Smith, Dr. Fenwick and Dr. Wells.

Two hours once a fortnight throughout the year.

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussion, comment and criticism.

ADVANCED UNDERGRADUATE COURSE

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

American Economic and Social Problems: Dr. M. P. Smith.

Credit: One unit.

(Given in each year)

(This course is open only to students who have completed the first and second year courses in economics.)

The object of this course is to give advanced students training in the use of source material for studies in social and economic problems and in research methods useful for graduate or professional studies. The topics studied will vary from year to year according to the needs and interests of the students in the class, or as social and economic problems become centers of public attention. They will include such subjects as the Business Cycle, Unemployment and problems connected with the Depression.

FREE ELECTIVE COURSES

*Free
Elective
Courses*

Problems in Domestic and International Finance: Dr. Dulles.

Credit: One unit.

(Given in 1932-33)

(This course is open only to students who have completed the first year course in economics.)

The course will cover a description of the functions of money and credit in economic life, an explanation of the development of currency and banking in the United States and the relation of credit to the business cycle. It then takes up a comparison of the way these forces work in the United States, France, Germany and Great Britain, with emphasis on special postwar problems and recent crises in finance.

Elements of Law: Dr. Fenwick.

Credit: One-half unit.

(Given in 1932-33)

(This course may be elected only by students who have completed the first year course in politics or in economics or in history.)

The object of this course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The topics covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property and the chief forms of procedure. The lectures are supplemented by a study and discussion of court cases bearing on the subject.

Education

This Department is organized in part from the Phebe Anna Thorne Endowment

PROFESSOR:

*AGNES LOW ROGERS, Ph.D.

ASSOCIATE PROFESSOR:

ILSE FOREST, Ph.D.

LECTURER:

LELAH MAE CRABBS, Ph.D.

INSTRUCTOR:

E. LOUISE HAMILTON, Ph.D.

The department offers graduate courses designed to meet the needs of two types of students—graduate students who desire to qualify for a teacher's certificate and graduate students who have had sufficient undergraduate training in education to qualify them for graduate work leading to a higher degree.

The degree of Master of Arts in Education and the degree of Doctor of Philosophy in Education are open to graduates of all colleges of high standing under the general conditions prescribed for their degrees.

Students offering themselves as candidates for these degrees in Education must have studied in undergraduate courses: Psychology for 10 semester hours, Principles of Education for 4 semester hours; Sociology, Statistics or Education singly or in any combination for 6 semester hours.

GRADUATE COURSES

Six hours a week of seminary work are offered in each year to graduate students of education.

*Graduate
Courses*

The Department of Education maintains a clinic for the mental and educational examination of school children. It offers psychological service to the schools of the vicinity.

The clinic is housed in a building behind Cartref where rooms have been equipped for the individual examination of pupils and for remedial work with pupils. There is a laboratory for the statistical work involved in school service carried on by the department. In addition to intensive studies of individual children who are failing with school work, testing

* Granted leave of absence for the year 1932-33. The courses announced by Professor Rogers will be given by Dr. Crabbs.

programs have been carried through in schools and complete psychological service has been supplied to one large school. The clinic is prepared to extend this service to other schools. In the clinic there is a collection of tests for these purposes together with measurement devices of all types. It is equipped also with remedial materials.

Students electing education as their major subject for the degree of Doctor of Philosophy may elect educational psychology, educational methodology, economics, social economy, social history, social psychology or experimental and systematic psychology, as the associated minor. The list of approved independent minors will be found in the Regulations of the Academic Council.

Dr. Rogers will offer one of the following seminaries in accordance with the need and preparation of the students.

Seminary in Mental Measurement: Dr. Rogers.*

Two hours a week throughout the year.

This seminary is devoted to the critical investigation of specific problems in the field of mental measurement.

Seminary in Educational Psychology: Dr. Crabbs.

Two hours a week throughout the year.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers.

Three hours a week throughout the year.

(Not given in 1932-33)

This seminary gives training in the diagnosis of educational difficulties at all levels and practical experience in giving remedial treatment. Critical study is made of the diagnostic and remedial methods now in use. The seminary is recommended to students preparing for work in child guidance clinics, in child welfare and as school supervisors, visiting teachers and school counsellors.

Seminary in Psychology of Speech: Dr. Rogers.

Two hours a week throughout the year.

(Not given in 1932-33)

This seminary gives a systematic presentation of the psychology of speech, the physiological basis of speech, speech defects and methods of correction.

Seminary in Advanced Principles of Education: Dr. Forest.

Two hours a week throughout the year.

This seminary is organized to give students experience in recognizing and solving in actual practice some of the problems inherent in teaching their major subject to high school and elementary school pupils. The work includes a study of child development and behavior in direct relation to problems of curriculum making and class room method. The seminary is planned with special reference to the needs of students taking their first year so graduate study in education.

Seminary in Theory of Education: Dr. Forest.

Two hours a week throughout the year.

This seminary is devoted to the study of modern educational theory and to a consideration of the issues involved in actual and proposed solutions of present educational problems. Practical problems of curriculum, method and school administration directly

* Granted leave of absence for the year 1932-33.

n line with the interests of individual students will be discussed in the seminary and will in so far as possible determine the content of the theoretical readings in the philosophy of education

Problems in Preschool Education: Dr. Forest.

Two hours a week throughout the year.

This seminary is intended for qualified students who have had adequate experience and training in the preschool field. A thorough study is made of the investigations which have contributed to present knowledge concerning the young child's behavior and this theoretical study is supplemented by observation and record taking in neighboring nursery schools.

Journal Club in Education: Dr. Rogers,* Dr. Forest, Dr. Crabbs and Dr. Hamilton.

Two hours once a fortnight throughout the year.

*Journal
Club*

The instructors and students meet to report on and discuss recent reviews and articles and the results of special investigations are presented for comment and criticism.

FREE ELECTIVE COURSES

Mental and Educational Measurement;

Credit: One unit.

Laboratory Work: Dr. Rogers.*

(Given in each year)

*Free
Elective
Courses*

A broad survey of the aims, methods and results of mental measurements in education at various levels.

Major Topics: significance of the testing movement. Available tests and scales, critical evaluation of tests; technique of administering tests, methods of scoring and interpreting results, use of results in classification of pupils and other problems.

It prepares the student for more specialized practical work in the application of tests in educational problems, vocational guidance, etc. This course is open to students who have taken the course in Mental Tests and Measurements or its equivalent. (See page 82.)

Child Psychology: Dr. Forest.

Credit: One unit.

(Given in each year)

This course deals with the psychological aspect of child development. A study is made of the mental and emotional characteristics of growing children, with special reference to the problems of training and guidance arising at various age levels.

Principles of Education: Dr. Forest.

Credit: One unit.

(Given in each year)

This course treats of the principles basic to educational procedure. The origin and significance of present controversies in education is presented during the first semester through a study of the rise and development of educational institutions. During the second semester special emphasis is placed upon the philosophy and the practice of modern progressive schools.

* Granted leave of absence for the year 1932-33. The courses announced by Dr. Rogers will be given by Dr. Crabbs.

English

PROFESSORS:	LUCY MARTIN DONNELLY, A.B. REGINA KATHARINE CRANDALL, Ph.D. SAMUEL CLAGGETT CHEW, Ph.D. STEPHEN JOSEPH HERBEN, Ph.D.
ASSOCIATE PROFESSOR:	
ASSOCIATE PROFESSOR OF GERMAN:	FRITZ MEZGER, Ph.D.
ASSOCIATE:	ENID GLEN, Ph.D.

GRADUATE COURSES

*Graduate
Courses*

Six seminars are offered each year in English literature and language, accompanied by the direction of private reading and original research. These seminars are varied from year to year so as to enable candidates for the degree of Doctor of Philosophy to pursue graduate work for three or more successive years.

Students who elect English literature as their major subject in their examination for the degree of Doctor of Philosophy must offer English philology as an associated minor and those who offer English philology as a major subject must offer English literature as an associated minor. In the major together with the associated minor the student must offer two seminars and a journal club for three years.

Each seminary meets for one session of two hours weekly.

Seminary in English Literature: Miss Donnelly.

Two hours a week throughout the year.

(Given in each year)

1932-33: Problems in Eighteenth Century Literature.

1933-34: Donne and Milton.

1934-35: Shelley.

Seminary in English Literature: Dr. Chew.

Two hours a week throughout the year.

(Given in each year)

1932-33: Tudor and Stuart Drama.

1933-34: Early Romanticism.

1934-35: Victorian Literature.

Seminary in American Literature: Dr. Crandall.

Two hours a week throughout the year.

(Given in each year)

The periods vary from year to year.

(Occasionally a seminary in Criticism may be substituted for the seminary in American Literature.)

Seminary in Old English: Dr. Herben. *Two hours a week throughout the year.*

(Given in each year)

This seminary is open to graduate students who have already taken the course in Old English grammar and reading of Old English, or its equivalent.

1932-33: *Beowulf* and The Old English Lyrics.

1933-34: Old English Christian Poetry.

Seminary in Middle English: Dr. Herben.

Two hours a week throughout the year.

(Given in each year)

1932-33: Middle English Romances.

1933-34: Chaucer.

Seminary in Philology: Dr. Mezger. *Two hours a week throughout the year.*
(Given in each year)

1932-33: Introduction to Germanic Philology.

1933-34: English Historical Grammar.

Journal Club: Miss Donnelly, Dr. Chew, Dr. Crandall, Dr. Herben and Dr. Mezger.

Journal
Club

One and one-half hours in alternate weeks throughout the year.

ADVANCED UNDERGRADUATE COURSES

English Literature in the XVIIIth Century: Miss Donnelly.

Advanced
Courses

Credit: One unit.

(Given in 1932-33 and again in 1934-35)

Dryden, Swift, Pope, Addison, Johnson and, if time allows, other writers are studied, with regard to their theories of classicism. Reports are required from each student.

English Critics of the Nineteenth Century: Miss Donnelly.

Credit: One unit.

(Given in 1933-34 and again in 1934-35)

Carlyle, Ruskin, Arnold, Pater and, if time allows, two or three other writers are studied with regard to their theories of criticism and their influence upon the thought of their time. Reports are required from each student.

Tudor and Stuart Drama: Dr. Glen.

Credit: One unit.

(Given in 1932-33)

A review of the earlier periods of the drama is followed by more detailed study of the dramatists from Lyly and Marlowe to Ford and Shirley. The lectures deal in part with aspects of contemporary life as reflected in the drama. Reports are required from each student.

Middle English Romances: Dr. Herben.

Credit: One unit.

(Given in 1932-33 and again in 1934-35)

Selected romances in Middle English are read. The lectures deal with the development of Romance literature in Europe, with special reference to the romances of the Arthurian cycle.

Old English Literature; Beowulf: Dr. Herben.

Credit: One unit.

(Given in 1933-34 and again in 1935-36)

The first part of the course is devoted to an outline of Old English grammar. Graded selections of Old English prose and poetry are read, followed by the *Beowulf* entire.

FREE ELECTIVE COURSES

Rhetoric: Dr. Crandall.

Credit: One-half unit.

(Given in each year)

The course consists of the study of rhetoric, with parallel reading and analysis of English prose and verse and the writing of illustrative papers. The course is open to students who have completed the required course in English composition.

Free
Elective
Courses

Argumentation: Dr. Crandall.

Credit: One-half unit.

(Given in each year)

The writing of arguments, the study of the form with reference to other types of writing and other problems connected with argumentation, formal and informal, make up the work of the course. The course is open to students who have completed the required course in English composition.

Criticism: Dr. Crandall.

Credit: One-half unit.

(Given in 1933-34 and again in 1935-36)

The course includes a study of the principles of criticism and the writing of critical exposition, the essay and kindred forms. The course is open to students who have completed the required course in English composition.

French

PROFESSOR AND DEAN
OF THE GRADUATE
SCHOOL:

EUNICE MORGAN SCHENCK, Ph.D.

ASSOCIATE PROFESSORS:

GRACE FRANK, A.B.

JEAN CANU, *Agrégé*.

MARGARET GILMAN, Ph.D.

ASSOCIATE:

MADELEINE SOUBEIRAN, *Agrégée*.

INSTRUCTOR:

BERTHE-MARIE MARTI, M.A.

GRADUATE COURSES

Graduate Courses

Nine hours a week of seminary work and graduate lectures are offered each year to graduate students of French, accompanied by the direction of private reading and original research. The courses, covering the field of Old and Modern French Language and Literature, are arranged to form a triennial cycle. The work of each year centers about one main topic to be studied as a part of the history of French literature in its various relations to the general literature and civilization of the period concerned. Students may enter a seminary in any year and pursue it during three or more consecutive years.

Students who choose French literature as their major subject in their examination for the degree of Doctor of Philosophy must offer French philology as the associated minor and students who offer French philology as a major subject must offer French literature as the associated minor.

Seminary in French Literature of the Eighteenth and Nineteenth Centuries: Dr. Schenck.

Two hours a week throughout the year

(Given in each year)

1932-33: Flaubert: Dr. Schenck.

1st Semester.

Baudelaire: Dr. Gilman.

2nd Semester.

1933-34: French Drama of the Eighteenth Century.

1934-35: Theories of French Romanticism.

Seminary in Historical Background of French Literature of the Sixteenth and Seventeenth Centuries: Mr. Canu.

Two hours a week throughout the year.

(Given in each year)

1932-33: The Monarchy of Louis XIV and Classicism (1643-1715).

1933-34: The beginnings of the Reformation and the Renaissance in France (1494-1547).

1934-35: The Development of the Reformation and the Renaissance in France (1547-1598).

Seminary in Mediæval French Literature: Mrs. Frank.

Two hours a week throughout the year.

(Given in each year)

1932-33: Old French Narrative Poetry as Represented by the *Chansons de Geste* and the *Romans Courtois*.

1933-34: The Dramatic Literature of Mediæval France.

1934-35: The Lyric, including the Courtly Lyric of Provence.

Introduction to Old French Philology: Mrs. Frank.

Two hours a week throughout the year.

(Given in each year)

This course is equivalent to a full seminary and counts as such.

Romance Languages Journal Club: Dr. Schenck, Dr. Gillet, Mrs. Frank, Dr. Gilman, Mr. Canu, Dr. Lograsso, Miss Soubeiran and Miss Marti. *Journal Club*

One and one-half hours a fortnight throughout the year.

The journal club is intended to acquaint the students with the results of contemporary research in the Romance languages and literature.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Advanced Courses

French Lyric Poetry since 1850: Dr. Gilman.

Credit: One unit.

(Given in 1932-33)

This course is conducted according to the method of the "Explication de Textes" used in the French Universities.

Studies in the Historical Background of French Literature: Mr. Canu.

Credit: One unit.

(Given in 1933-34)

French Literature of the Sixteenth Century: Miss Soubeiran.

Credit: One unit.

(Given in 1932-33)

Introduction to Mediaeval Literature and Philology: Miss Marti.

Credit: One unit.

(Given in 1933-34)

FREE ELECTIVE COURSE

Modern Tendencies in French Literature: Dr. Schenck.

Credit: One unit.

(Given in each year)

Lectures, class discussion and reports are in English; the reading in connection with the course is in French.

Only those students will be admitted who have completed the course in First Year English Literature or the second year course in French Literature.

Free Elective Course

Geology

ASSOCIATES:

EDWARD H. WATSON, Ph.D.

A. LINCOLN DRYDEN, JR., Ph.D.

INSTRUCTOR:

DOROTHY WYCKOFF, M.A.

GRADUATE COURSES

The graduate courses in geology consist of lectures, reports and laboratory work in the general fields of petrologic and stratigraphic geology. They

Graduate Courses

are intended for students who have had undergraduate courses in general geology, paleontology and mineralogy. A reading knowledge of French and German is necessary.

All of the courses listed below will not be given in any one year, and their content may vary somewhat to meet the interests and requirements of the students. In general, work in petrology and mineralogy will be under the supervision of Dr. Watson and work in stratigraphy and sedimentation under Dr. Dryden. The main purpose of all of the seminars given is to focus the attention of the students on independent work of their own, preferably that leading to the doctor's degree.

For students wishing to specialize in petrology or mineralogy courses in general chemistry, general physics and physical chemistry are desirable; for those specializing in stratigraphy or sedimentation, general biology and general chemistry are desirable.

Seminary in Petrology: Dr. Watson. *Three hours a week throughout the year.*
(Given in each year)

Laboratory Work: Dr. Watson and Miss Wyckoff.

Three lectures will be given weekly. The selection of subjects will be dependent somewhat on the interests of the students and may be varied from year to year. In general, they will include the petrology of the igneous rocks, their structure, physical chemistry and theories of origin. Regional studies will be made, and formal reports given by the students. The laboratory work will consist of the application of petrographic methods to the crystalline rocks, including the use of the Federov stage, microchemical tests, and immersion methods. Also, systematic examination will be made of the extensive rock and thin-section collections of the department.

Seminary in Sedimentation or Stratigraphy: Dr. Dryden.
Three hours a week throughout the year.
(Given in each year)

Lectures in sedimentation will be subordinated to laboratory procedure and personal investigation. The work will fall under three heads:

(1) Mechanical analysis of sediments: the theory of elutriation, theory and practice of analysis by sifting, and the application of the results so obtained to correlation, processes of sedimentation, and paleo-geography.

(2) Study of detrital minerals: methods of separation, microscopic study of heavy residues, and application to correlation and questions of provenance.

(3) A general consideration of the utility of sedimentary studies in general geology and to detailed zoning of formations. Optical mineralogy is prerequisite to this course.

Field Methods in Geology: Dr. Watson and Dr. Dryden.
Two hours a week throughout the year.
(Given in alternate years beginning in 1932-33)

Two lectures and one afternoon period will be given weekly. The methods of geologic surveying and mapping, with the interpretation of field structures, will be considered. In the spring and fall actual problems in the field will be undertaken, including plane-table surveying.

Metamorphism: Miss Wyckoff.
Two hours a week throughout the year.
(Given in alternate years)

The course will be conducted by means of lectures, reports by students, and informal discussions, dealing with the materials and classification of metamorphic rocks, and with the processes of metamorphism. In the laboratory, various types of metamorphic rocks will be studied under the microscope.

Prerequisites for the course are general chemistry, determinative and optical mineralogy, and at least an introductory course in petrology.

Stratigraphy: Dr. Dryden. *Three hours a week throughout the year.
(Given in alternate years)*

The lectures in stratigraphy will be devoted to regional geology and correlation, with especial reference to North America. Certain areas will be studied in detail by synthesizing geologic literature pertaining thereto. Newer methods of work, involving differentiation of very small units, will be included. Reports and conferences will be considered an integral part of the course.

Geological Journal Club: Dr. Watson, Dr. Dryden and Miss Wyckoff. *Two hours once a fortnight throughout the year.*

The graduate students and the instructors meet for the presentation and discussion of recent geological literature.

*Journal
Club*

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses. The courses are conducted by graduate methods and full graduate credit may be given in certain cases.

*Advanced
Courses*

Optical Mineralogy. *Credit: One and one-half units.
1st Semester.*

Crystal Optics: Dr. Watson.

Laboratory Work: Miss Wyckoff.

Two lectures are given weekly on the optical properties of crystals and the theory of the petrographic microscope. Eight hours are spent weekly in laboratory work illustrative of the lectures, and in the elements of petrographic methods. Determinative mineralogy is prerequisite to this course.

2nd Semester.

Silicate Mineralogy: Dr. Watson.

Laboratory Work: Dr. Watson and Miss Wyckoff.

Three lectures and six laboratory hours are given weekly. The lectures for the first four or five weeks are given over to a discussion of the theories on the constitution of the silicates, including X-ray structures. Thereafter, a systematic discussion of the silicates is given, with particular emphasis on their chemistry and optical properties. The laboratory work deals with the determinative mineralogy of the silicates, especially by optical methods. Field excursions will be made to localities of interest in the Spring.

1st Semester.

Crystallography: Miss Wyckoff. *Credit: One-half unit.*

Geometrical, physical and chemical crystallography, including a mathematical treatment of the modern theory of space groups, are discussed in the lectures. In the laboratory, instruction and practice are given in crystal measurement with the two-circle goniometer, and in crystal projection and crystal drawing.

It is desirable that the student shall have had general courses in chemistry and physics. The course is open to students majoring in chemistry and physics without previous work in geology.

2nd Semester.

Physiography: Dr. Dryden. *Credit: One-half unit.*

Three lectures and one afternoon of laboratory a week. Special emphasis is placed on a study of the physiographic provinces of the United States. The basis of this study,

however, is the general areal geology of the regions discussed, and their physiography will be considered as surface expression of the underlying formations, as modified by constructive and destructive processes. Regular reports on general geology, structure, glaciation, etc., are an important part of the work. Physical and historical geology are prerequisite to this course.

German

ASSOCIATE PROFESSORS:	MAX DIEZ, Ph.D. FRITZ MEZGER, Ph.D.
ASSOCIATE:	MYRA S. JESSEN, A.B.

GRADUATE COURSES

Graduate Courses

Eight hours a week of seminary work and graduate lectures are offered each year to graduate students of German and Germanic Philology accompanied by the direction of private reading and original research.

The courses are so varied that they may be followed by graduate students throughout three successive years and cover the work required of students who offer German Literature as a major or a minor for the degree of Doctor of Philosophy. Students who elect German Literature as their major subject for the degree of Doctor of Philosophy must offer Germanic Philology as an associated minor and students who offer Germanic Philology as a major subject must offer German Literature as an associated minor. In the major together with the associated minor the student must offer two seminaries and a journal club for three years.

Seminary in German Literature: Dr. Diez.

Two hours a week throughout the year.

1932-33: Topics from the History of the Lyric: Die deutsche Odendichtung von Klopstock bis Hölderlin.

1933-34: Topics from the History of the Drama.

1934-35: Topics from the History of the Novel.

Journal Club

German Journal Club: Dr. Diez, Dr. Mezger and Mrs. Jessen.

Two hours once a fortnight throughout the year.

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussion, comment and criticism.

GERMANIC PHILOLOGY

The instruction in this department is under the direction of Dr. Fritz Mezger. The English and the German departments together have provided for a complete course in Germanic philology, comprising both the study of the individual languages (Gothic, Norse, Anglo-Saxon, Old Saxon, Old High German, Middle High German, Middle Low German, etc.) and the study of general comparative philology.

Students intending to elect Germanic philology are advised to study Greek for at least one year during their undergraduate course.

Old Norse: Dr. Mezger.

Two hours a week during the first semester.

(Given in 1932-33)

This seminary is given when no seminary in Comparative Philology is given.

Old Saxon and Old Frisian: Dr. Mezger.

Two hours a week during the second semester.

(Given in 1932-33)

This seminary is given when no seminary in Comparative Philology is given.

Introduction to Germanic Philology: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1932-33)

Gothic and West Germanic sounds and inflection are studied on a comparative basis.

Germanic Metrics and German Style: Dr. Mezger.

Two hours a week throughout the year.

This seminary is given when the seminaries in Introduction to Germanic Philology and in Germanic Philology are not given.

Seminary in Germanic Philology: Dr. Mezger.

Two hours a week throughout the year.

(Given in 1932-33 and again in 1933-34)

Open to students who have had at least one year of Germanic or Indo-European philology. 1932-33: Studies in the History of the German Language. Interpretation of Old High German, Middle High German and Old Saxon Texts. Topics in Old High German and Middle High German Literature. Studies in Semantics.

1933-34: Studies in Comparative Germanic Philology: Syntax and Word-formation; Problems of Word-Geography based on a comparative study of Tatian and Wulfila and of Tatian and the West Saxon Gospels.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Advanced Courses

German Literature from "Realismus" to "Neue Sachlichkeit:" Dr. Mezger.

Credit: One unit.

(Given in 1932-33)

Selected works by Keller, Meyer, Storm, Thomas Mann, Stehr; Hauptmann, George, Rilke and Werfel will be read. The main trend of modern German thought will be studied.

Germanic Philology and Middle High German Literature: Dr. Mezger.

(Given in 1933-34)

1st Semester.

Introduction to German Philology.

2nd Semester.

Middle High German Literature.

Wolfram von Eschenbach, Gottfried von Strassburg, Hartmann von Aue, Walther von der Vogelweide and Nibelungenlied will be studied.

If desired the subject announced for either semester may be continued throughout the year.

Advanced Composition: Mrs. Jessen.

Credit: One-half unit.

(Given in 1932-33)

The German Lyric and Ballad: Mrs. Jessen.

Credit: One unit.

(Given in 1932-33)

The German Drama: Mrs. Jessen.

Credit: One unit.

(Given in 1933-34)

The German Novel: Mrs. Jessen.

Credit: One unit.

(Given in 1934-35)

Greek

PROFESSORS:

HENRY NEVILL SANDERS, Ph.D.
WILMER CAVE WRIGHT, Ph.D.

GRADUATE COURSES

Six hours a week of seminary work are offered each year to graduate students of Greek, accompanied by the direction of private reading and original research.

The graduate courses in Greek are varied from year to year in two series, Attic Tragedy, Orators and Historians; the Homeric Question, Plato, Aristophanes and Greek Sophists, in order that they may be taken in consecutive years. Students electing Greek as a major subject for the degree of Doctor of Philosophy must offer not less than two seminars and the journal club for two years and if Greek be also elected as the associated minor the candidate must offer two seminars and the journal club for three years. A large part of the work expected of graduate students consists of courses of reading pursued under the direction of the department and reports on this reading are from time to time required of the students. A reading knowledge of French and German is required. The course in Comparative Philology is recommended to graduate students of Greek. For graduate courses in Classical Archaeology, which may be offered as an associated or independent minor by students taking Greek as a major for the degree of Doctor of Philosophy, see pages 43 and 44.

*Graduate
Courses*

Greek Seminary: Dr. Sanders.

*Three hours a week throughout the year.**(Given in each year)*

1932-33: Greek Historians.

Thucydides is studied in detail and reports are made on data of history contained in Greek literature in general. Lectures are given by the instructor on subjects connected with Greek historiography, such as the composition of Thucydides' history, the syntax and style of Thucydides, the history of early prose, Greek historical inscriptions.

1933-34: Attic Tragedy.

The work of the seminary in textual criticism is devoted to Sophocles. Members of the seminary report on assigned subjects and give critical summaries of current classical literature

1934-35: Greek Orators

The work consists of the reading of large portions of all the orators and the critical interpretation of a selected part of each. Lectures are given on legal antiquities, the syntax and the style of the various authors, in conjunction with which Dionysius of Halicarnassus and the Greek rhetoricians are studied. The later rhetoricians are treated and their criticisms of antiquity investigated. Students are expected to provide themselves with the Teubner text editions of Antiphon, Andocides, Lysias, Isocrates, Iseus, Æschines, Hyperides and Demosthenes. The classical library is well equipped with works on the orators.

Greek Seminary: Dr. Wright.

*Two hours a week throughout the year.**(Given in each year)*

1932-33: Aristophanes.

The aim of the seminary is to make the students familiar with the more important Aristophanic literature up to the present day. Portions of the text are interpreted by the class and reports on assigned topics, literary, historical and archaeological, connected with the plays are expected from all the members. All the comedies of Aristophanes are read

in the course of the year; lectures are given by the instructor on the metres and syntax of Aristophanes, on the dramatic structure of the plays and on the history of Attic comedy. Part of the work consists of analyses of dissertations on Aristophanes which are presented by members of the class. Every member of the class should provide herself in advance with a complete text of Aristophanes. The Clarendon Press (Oxford) edition is recommended.

1933-34: Plato.

The work is mainly literary and critical. Lectures on the style, philosophy and chronology of the dialogues are given by the instructor; a detailed interpretation of a portion of Plato and reports on topics set for discussion are given by the class. The students are expected to read the *Republic*, *Theætetus*, *Parmenides* and *Sophist* and discuss certain problems arising from these dialogues. The aim of the course is to lay a foundation for independent work by familiarizing the students with the achievements of scholarship and the general field of Platonic literature up to the present day. Every member of the seminary should provide herself in advance with a complete text of Plato. The Clarendon Press (Oxford) edition is recommended.

1934-35: The Homeric Question.

1st Semester.

The work consists of a review of the discussions of the Homeric question since the publication of Wolf's *Prolegomena*. The various tests that have been applied to the poems by archæologists, linguists, historians of myths and æsthetic critics are taken up and criticized in detail.

Greek Sophists of the Fourth Century A.D.

2nd Semester.

The works of the Emperor Julian, Libanius and others are read and discussed. Lectures and reports are given on the literary movements of the second, third and fourth centuries A.D.

Greek Journal Club: Dr. Sanders and Dr. Wright.

One and one-half hours once a fortnight throughout the year.

Journal Club

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges, graduate students frequently find it advisable to elect some of these courses. The value of each course is one-half unit.

Advanced Courses

Attic Tragedy;
Pindar and Bacchylides;
Attic Orators;
Rhetoricians: Dr. Sanders.
Plato;
Theocritus;
Melic Poets;
Old Comedy: Dr. Wright.

History

PROFESSORS:

HOWARD LEVI GRAY, Ph.D.
WILLIAM ROY SMITH, Ph.D.
CHARLES WENDELL DAVID, Ph.D.
HELEN TAFT MANNING, Ph.D.
THOMAS R. S. BROUGHTON, Ph.D.
CAROLINE ROBBINS, Ph.D.

DEAN OF THE COLLEGE:

ASSOCIATE PROFESSOR OF LATIN:

ASSOCIATE:

GRADUATE COURSES

Graduate
Courses

Apart from the direction of private reading and original research, seminars in Mediæval and Modern European history and in American history are offered to graduate students of history together with a graduate course in Historical Bibliography and Criticism and the Auxiliary Sciences. Students may offer either European History or American History as a major subject for the degree of Doctor of Philosophy.

Seminary in Mediæval and Modern European History: Dr. Gray.

Two or three hours a week throughout the year.

(Given in each year)

1932-33: Topics in the History of Europe since 1870.

Among these are the Bismarckian system, the rise of the third French Republic, the development of industrial England, the policy of the Tsars, the genesis and progress of the World War, the Treaty of Versailles and the problems of post-war Europe.

1933-34: Topics in the History of England from 1250 to 1450.

Among these are national resistance to papal encroachments, the military, financial and legal innovations of Edward I, the causes of the Hundred Years War, the conduct of the war by Edward III, the role of Italians and Hansards in English economic life, the rise of the woolen industry and of a native merchant class, the consequences of the Great Pestilence, the doctrines advocated by Wycliffe, the Council of Constance, the loss of English possessions on the Continent and the development of Parliament.

1934-35: Topics in the History of England from 1450 to 1600.

Among these are the significance of the War of the Roses, the reconstructed administration of Yorkists and Tudors, the agrarian and industrial problems of the sixteenth century, new international ambitions after 1485, the renunciation of papal authority by the English church, the consequent dogmatic and social changes, the maintenance of Protestantism under Elizabeth, commercial rivalry with Spain and the defeat of the Armada.

Seminary in American History: Dr. William Roy Smith.

Two hours a week throughout the year.

(Given in each year)

1932-33: The Civil War and Reconstruction.

Special stress is laid upon the social, economic and political reorganization of the South, the North and the West and also of the nation as a whole during the period from 1861 to 1877.

1933-34: Slavery and the Negro Problem.

After a preliminary survey of the history of slavery in the colonial period such topics as the slavery compromises of the constitution, the growth of slavery in the South, the abolition of the slave trade, the Missouri Compromise, the anti-Slavery movement, nullification, the Mexican War, the Wilmot Proviso, the compromise measures of 1859, the Kansas-Nebraska bill, the Dred Scott decision, the abolition of slavery and the adoption of the thirteenth, fourteenth and fifteenth amendments are discussed. Special attention is paid to the conflict between sectionalism and nationalism and the connection between slavery, territorial expansion and the development of constitutional theories.

1934-35: The Revolution, the Confederation and the Constitution.

American history from 1776 to 1789 is discussed primarily from the local point of view as a step in the conflict between the seaboard aristocracy and the democracy of the frontier. The social and economic forces which led to the adoption of the Federal Constitution and the subsequent formation of national political parties are investigated.

Graduate Course in the Constitutional History of England from earliest times to the Accession of Edward I.: Dr. David.

Two or three hours a week throughout the year.

(Given in 1932-33)

The course is based upon a wide reading of the sources, particularly those collected in *Select Charters and other Illustrations of English Constitutional History*, arranged and edited by William Stubbs and on a careful examination of the older and the more recent theories of English constitutional development which are contained in an extensive secondary literature. The topics studied include: the origin of early English institutions, the institutions of the Anglo-Saxon period, the consequences of the Norman Conquest, the introduction of feudalism and its influence on constitutional development, the growth of the Anglo-Norman monarchy, legal and administrative institutions under Henry II, the Exchequer, finance and taxation, Magna Carta, municipal institutions, the rise of a national spirit, the struggle between the king and the barons and the attempts to devise constitutional checks upon royal power during the reign of Henry III.

Seminary in Social and Constitutional History of England under the Stuarts, 1603-1714: Dr. Robbins.

Two hours a week throughout the year.

(Given in 1932-33)

Both domestic and foreign policies will be studied as far as possible from source material. The classes will consist of some preliminary discussion of the structure of English history in the period; of its chief historians, early and modern; and of some special topics, or important problems. These last will be dealt with according to suitability and occasion by the instructor and the students either individually or in class discussion. Whilst much of the time allotted to the course will bear immediate relation to the joint work listed above due allowance will be made for private reading on aspects of the subjects interesting to any member of the class.

Seminary in Western European History, from the accession of Isabella in Castile, 1474, to the meetings of the States-general in France, 1789: Dr. Robbins.

Two hours a week throughout the year.

(Not given in 1932-33)

The development of society, institutions, religion and overseas enterprise in France, Spain and Germany will be studied. Attention will be given to the decline of the Cortes of Spain, the estates in France and the diet in Germany; to the rise and spread of the Jesuits; to the Protestant Reformation; to the growth of absolutism. The colonial efforts of France and Spain will be compared and their relation to similar movements elsewhere. If time permit, the changing attitude of European writers to their own history and to education generally will be studied from contemporary sources. A reading knowledge of French is essential for this course.

Seminary on the Age of the French Revolution: Dr. David.

Two or three hours a week throughout the year.

(Given in 1933-34)

The subject matter of the course is chosen with reference to the needs and interests of the students who take it, the principal emphasis usually being placed upon France, but sometimes upon England. Topics are selected with a view to illustrating different kinds of historical problems and gaining an acquaintance with the principal printed sources and secondary works and extending the student's knowledge of the whole era from about 1750 to 1815. Attention is paid to social and economic as well as to political problems. The intellectual background of the revolutionary and reform efforts is also considered.

Historical Bibliography and Criticism and the Auxiliary Sciences: Dr. David.

Two or three hours a week throughout the year.

(Given in 1934-35)

This graduate course should be elected by all students who are preparing themselves for the Ph.D. degree with History as a Major.

The principal subjects studied are historical bibliography, historical criticism, the history of history, and the auxiliary sciences, chronology, palaeography, and diplomatics. The course consists of lectures, assigned reading and problem work. Adjustments are made to meet the needs of individual students.

Journal Club

Historical Journal Club: Dr. Gray, Dr. William Roy Smith, Dr. David Dean Manning and Dr. Robbins.

The instructors in the department of history and the graduate students who are pursuing advanced courses in history meet once a fortnight to make reports upon assigned topics, review recent articles and books, and present the results of special investigations.

ADVANCED UNDERGRADUATE COURSE

Advanced Course

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

1st Semester.

The United States since 1898: Dr. Smith.

Credit: One-half unit.

This course deals mainly with the imperial problems that followed the Spanish-American War, the expansion of American influence in the Caribbean and in the Pacific and the growth of the United States as a world power.

English History in the Nineteenth Century: Dr. Robbins.

Credit: One-half unit.

This course is planned as one in English domestic history from the ministries of the younger Pitt to the death of Edward VII. Reading will be assigned mainly from the excellent biographical material available and from the memoirs of the period. Amongst topics studied will be: the careers of Pitt, Wellington, Peel, Palmerston, Prince Albert, Gladstone, Manning, Disraeli and Joe Chamberlain; the cause of Parliamentary reform, Francis Place and the Suffragette movement; the Darwinian theories, the Oxford Movement and the reform of educational institutions; England's activity in Africa and Arabia, her relations with European powers and alliances; the connection between history and English literature during the period as shown by the political activities and literary figures. A short paper will be expected from each member of the class but most attention will be given to reading and class discussion. Each member of the class will, as far as possible, have opportunity to study that aspect of the period most interesting to herself.

2nd Semester.

Europe since 1870: Dr. Gray.

Credit: One-half unit.

(Given in 1932-33)

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbors, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles and the fortunes of old and new states in post-war Europe are among the subjects studied. A reading knowledge of French is required. In 1932-33 this course will be given in the second semester and will cover the period after 1910.

FREE ELECTIVE COURSE

Free Elective Course

Civilization of the Ancient World: Dr. Broughton.

Credit: One unit.

(Given in 1932-33)

Special attention is paid to Greece and Rome; but consideration is also given to the subject of pre-history, to the early civilizations of western Asia, Egypt and the Ægean region, and to the influence of environment, race, and culture upon human development. The course is planned to cover the period from earliest times to the Fourth Century A. D.

(This course may be taken as a free elective and if elected must be continued throughout the year.)

History of Art

PROFESSOR:	GEORGIANA GODDARD KING, M.A.
ASSOCIATE:	EDWARD S. KING, M.F.A.
LECTURER:	EDWARD M. M. WARBURG, B.Sc. (Semester II)
INSTRUCTOR:	ELIZABETH H. NORTON, M.A.

GRADUATE COURSES

Four hours a week of seminary work are offered each year to graduate students of history of art accompanied by the direction of private reading and original research and the courses are varied from year to year so that they may be pursued by students through three or more successive years. In addition to the graduate seminaries announced other courses will be provided as need for them arises and individual students will be directed in special work by means of private conferences. History of Art may be offered as a major for the degree of Doctor of Philosophy. The first and second year courses of the department amounting to four and one-half units may be elected by graduate students as well as two units of advanced graduate work.

*Graduate
Courses*

Seminary in History of Art: Miss King. *Two hours a week throughout the year.*
(Given in each year)

1932-33: Spanish Painting; Early Manuscripts to the Primitives, ending arbitrarily in 1550.

1933-34: Spanish Painting; The Golden Century.

In this two-year course the sources and development of Spanish painting are considered from the early miniature down to the work of living painters, a single epoch being selected in any one year. Students are expected to learn something about the Spanish character and history and to make short trips to see paintings on exhibition in America.

Either in 1934-35 or in the following year the subject will be Renaissance Sculpture and the students will be expected to study the various aspects of the art in the different countries of Europe, as well as the development of particular sculptors.

Graduate work in modern painting will also be arranged for any student who wishes to combine History of Art with English or French literature and a course, if needed, offered in Sources and Problems of Modern Art. While the order of the courses may be altered to suit the needs of individual students, certain canons of art and certain æsthetic problems will be considered in successive years.

1934-35: Romanesque Origins; Architecture.

The work is devoted to architecture in Italy, France and Spain; the theories of Dieulafoy, Rivoira and Strzygowski are examined and appraised and special regions particularly studied, while the students give close attention to individual monuments. In another year the sources of Romanesque figure-sculpture, especially in the selected countries, are studied and its development traced with due consideration of current theories as to priority, influence and outcome.

This course may be varied from year to year so as to permit a student's following it for more than one year, if desirable.

Tuscan Painting in the Trecento: Mr. E. S. King.

Two hours a week throughout the year.
(Not given in 1932-33)

The first semester is devoted to an intensive study of the main problems of late thirteenth and early fourteenth century painting in Tuscany and Umbria. The pertinent frescoes of the church of S. Francesco at Assisi are given particular attention, with the emphasis placed on the origins and character of the Cimabue series. The Roman school at Assisi and elsewhere is investigated in some detail; likewise the Gothic painting of Tuscany generally.

The second semester continues the work of the first, with Giotto and Duccio forming the principal studies. While the plan of study aims to acquaint the student with the salient aspects of the greater artists, special problems, such as, for example, Barna Senese, may be undertaken according to the student's particular needs and interests.

*Journal
Club*

Journal Club in the History of Art: Miss King, Mr. E. S. King, Mr. Warburg and Miss Norton. *Two hours once a fortnight throughout the year.*

The instructors and the graduate students meet for the presentation and discussion of current literature on Mediæval Archæology and the History of Art and for discussion of current exhibitions.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

Spanish Primitives: Miss King. *Credit: One unit.*

(Given in 1932-33)

The work begins with a consideration of the Mozarabic and proto-Mudéjar manuscripts and is occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting are taken into account and the study stops arbitrarily at 1500.

Spanish Architecture: Miss King. *Credit: One unit.*

(Not given in 1932-33)

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic churches have been considered, the greater part of the work is devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

Renaissance Sculpture: Miss King. *Credit: One unit.*

(Given in 1933-34)

The first semester is devoted to the sculpture of the Italian Renaissance, the second partly to Northern art and in especial to figure sculpture in France and Spain from the finishing of the cathedrals to the close of the Renaissance. The great sculptors of Germany are studied carefully in between. The course is illustrated with photographs and lantern slides.

Renaissance, Baroque and Modern Architecture: Mr. King. *Credit: One unit.*

(Given in 1932-33)

While this course offers a general investigation of European and American architecture, beginning with the Renaissance and continuing to the present, the main issues are examined in considerable detail. The principles and development of design are made the integrating features of the survey, whose object is to indicate the essential relations between the nature of the age and its architecture. Sculpture and painting are constantly referred to in the interests of interpretation. Drawings or reports are required.

Oriental Art: Mr. King. *Credit: One unit.*

(Given in 1932-33)

A research course for those who have had previous study in and who are giving most of their time to the arts of the Oriental countries—more particularly the Far East. Some special problem is investigated jointly by the student and instructor, with the ultimate aim of publication in view.

FREE ELECTIVE COURSES

*Free
Elective
Courses*

Art of the Far East: Mr. King. *Credit: One-half unit.*

(Given in each year)

A general introduction to the history of art in Asia from the earliest times. The painting, sculpture and architecture of China, India and Japan constitute the main burden of the course. Special problems, such as the interrelations between the arts of the Oriental nations and the esthetic differences between the East and West are considered.

Students majoring in history of art are expected to elect this course before being admitted to advanced work.

History of Prints: Miss Norton.

Credit: One-half unit.

(Given in 1932-33)

The course begins with the earliest German block-prints of the first half of the fifteenth century and traces the history of wood-cuts, engravings and etchings through the work of the great masters at the close of the nineteenth century. Lithography, mezzotint and other allied processes are considered briefly.

Italian

ASSOCIATE PROFESSOR:

ANGELINE HELEN LOGRASSO, Ph.D.

GRADUATE COURSES

The graduate seminary in Italian is varied from year to year in order that it may be pursued by a student for consecutive years. Students electing Italian as a major subject for the degree of Doctor of Philosophy are required to offer French philology as an associated minor.

*Graduate
Courses*

Seminary in Italian Literature: Dr. Lograsso.

Two hours a week throughout the year.

1932-33: Studies in Italian Romanticism.

1933-34: Literary Criticism in Italy.

1934-35: The History of the Short Story and Novel in Italy.

If necessary, modifications may be made in the work of the seminary to meet the special needs of students.

Old Italian: Dr. Lograsso.

Two hours a week throughout the year.

Old Italian philology, with critical reading of early Italian texts.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the three-hour course before entering the seminary.

*Advanced
Courses*

The Italian Literature of the Rinascimento: Dr. Lograsso.

Credit: One unit.

(Not given in 1932-33)

Advanced Italian Composition: Dr. Lograsso.

Credit: One-half unit.

(Given in each year)

Dante: Dr. Lograsso.

Credit: One unit.

(Given in each year)

All of the *Vita Nuova* and the *Divine Comedy* will be read and discussed. Attention will be given also to Dante's other works in Italian and in Latin.

FREE ELECTIVE COURSE

The Italian Literature of the Nineteenth Century: Dr. Lograsso.

(Given in each year)

Credit: One unit.

Only those students will be admitted who have completed the course in general English Literature and have a wider knowledge of Italian than is required in the first year course.

*Free
Elective
Course*

Latin

PROFESSOR:	LILY ROSS TAYLOR, Ph.D.
ASSOCIATE PROFESSOR:	THOMAS ROBERT SHANNON BROUGHTON, Ph.D.
INSTRUCTORS:	RUTH FAIRMAN, M.A. BERTHE-MARIE MARTI, M.A.

GRADUATE COURSES

Graduate Courses

Two seminaries are offered to graduate students of Latin accompanied by the direction of private reading and original research. The advanced undergraduate courses of the department may also be elected by graduate students.

The graduate courses in Latin are varied from year to year in such a way as to enable candidates for the degree of Doctor of Philosophy to pursue the work for three successive years. Students electing Latin as a major subject for the degree of Doctor of Philosophy must offer not less than two seminaries and the journal club for two years, and if Latin be also elected as the associated minor the candidate must offer two seminaries and the journal club for three years.

It is desirable that all students who intend to do advanced work in Latin should have a good knowledge of Greek. A reading knowledge of French and German is necessary.

Latin Seminary: Dr. Taylor.

Two hours a week throughout the year.

1932-33: The poetry of the Augustan Age.

Special emphasis is placed on the work of Horace and Vergil in its relation to the principate of Augustus. Students may select subjects for investigation from the whole field of Augustan poetry.

1933-34: Lucretius and Catullus.

Interpretation of the text will be accompanied by a consideration of the literary associations and the philosophical ideas of the period. Extensive reading in Cicero's philosophical works will be included in the work of the course.

1934-35: Social and religious life in the Roman world.

There will be wide reading in Latin inscriptions and in literary sources. Lectures and discussions on the origin and development of Roman Religion, the imperial cult, the Oriental religions and early Christianity. Professor Cadbury of the Department of Biblical Literature will collaborate in the last part of the course.

Latin Seminary: Dr. Broughton.

Two hours a week throughout the year.

1932-33: Cicero's Correspondence.

An effort is made to master typical textual and linguistic problems presented by the text. Special attention is paid to Roman administration and political conditions during the last years of the Republic. The edition of Tyrrell and Purser, *The Correspondence of M. Tullius Cicero*, 7 vols., forms the basis of the work.

1933-34: Livy's History.

A study is made of the political and institutional development of Rome from the earliest times to the close of the Punic wars. The works of Livy are used as the basis of study with criticism of other sources.

1934-35: Latin Literature from Livius Andronicus to Terence. The chief emphasis is placed upon Ennius and Plautus.

Historical Grammar of Greek and Latin:* Dr. Broughton.

One hour a week throughout the year.

(Given in 1933-34)

* See Comparative Philology, pages 44-45.

This course may be elected by any students taking seminaries in Latin or Greek. A knowledge of Greek is essential.

Palaeography: Miss Fairman. *One hour a week throughout the year.*
(Given in 1933-34)

A study of the more important Roman and mediæval hands with practical exercises in collation and textual emendation.

Latin Journal Club: President Park, Dr. Taylor, Dr. Broughton, Miss Fairman and Miss Marti.

Journal Club

One and a half hours once a fortnight throughout the year.

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges, graduate students frequently find it advisable to elect some of these courses.

Advanced Courses

The work of the advanced Latin is arranged in semester courses. If elected separately the credit for each course is one-half unit.

(Given in 1932-33)

1st Semester.

Cæsar and Cicero: Dr. Broughton. *Credit: One-half unit.*

Extensive selections from Cicero's Orations and Letters and from Cæsar's Commentaries will be read. The chief emphasis will be upon the social and political history of the period.

2nd Semester.

Literature of the Empire: Dr. Taylor. *Credit: One-half unit.*

The reading will be from Seneca, Petronius, Martial, Pliny and Juvenal. The chief emphasis will be upon the social life of the Empire.

(Given in 1933-34)

1st Semester.

Lucretius and Cicero: Dr. Taylor. *Credit: One-half unit.*

The *De Rerum Natura* of Lucretius and selections from Cicero's philosophical works will be read. The work will include a study of the chief schools of philosophy in the period with special emphasis upon Epicureanism.

2nd Semester.

Vergil's *Æneid*: Dr. Broughton. *Credit: One-half unit.*

The poem will be studied as a whole, with consideration of its language, its structure and its place in the history of the epic.

Mathematics

PROFESSOR: ANNA PELL-WHEELER, Ph.D.
ASSOCIATES: MARGUERITE LEHR, Ph.D.
GUSTAV A. HEDLUND, Ph.D.
WILLIAM WELCH FLEXNER, Ph.D.

GRADUATE COURSES

Six and a half hours a week of seminary work and graduate lectures are offered each year to graduate students of mathematics accompanied by the direction of private reading and original research. The subjects vary

Graduate Courses

from year to year so that the seminars may be pursued by candidates for the degree of Doctor of Philosophy for three or more successive years. The advanced undergraduate courses of the department amounting to eight hours a week may be elected by graduate students. Students who elect mathematics as a major subject for the degree of Doctor of Philosophy are required to elect mathematics also as an associated minor.

Theory of Functions of a Complex Variable: Dr. Pell-Wheeler.

*Two hours a week throughout the year.
(Given in 1932-33)*

Differential Equations of Mathematical Physics: Dr. Hedlund.

*Two hours a week throughout the year.
(Given in 1932-33)*

Analysis Situs: Dr. Flexner.

*Two hours a week throughout the year.
(Given in 1932-33)*

Linear Functional Equation: Dr. Pell-Wheeler.

*Two hours a week throughout the year.
(Given in 1933-34)*

Algebraic Geometry: Dr. Lehr.

*Two hours a week throughout the year.
(Given in 1933-34)*

Theory of Functions of a Complex Variable: Dr. Hedlund.

*Two hours a week throughout the year.
(Given in 1933-34)*

Projective Geometry: Dr. Flexner.

*Two hours a week throughout the year.
(Given in 1933-34)*

Theory of Functions of a Real Variable: Dr. Pell-Wheeler.

*Two hours a week during the first semester.
(Given in 1934-35)*

Theory of Fourier Series: Dr. Pell-Wheeler.

*Two hours a week during the second semester.
(Given in 1934-35)*

Differential Geometry: Dr. Lehr.

*Two hours a week throughout the year.
(Given in 1934-35)*

Calculus of Variations: Dr. Hedlund.

*Two hours a week during the first semester.
(Given in 1934-35)*

Higher Algebra: Dr. Hedlund.

*Two hours a week during the second semester.
(Given in 1934-35)*

Theory of Functions of a Complex Variable: Dr. Flexner.

*Two hours a week throughout the year.
(Given in 1934-35)*

**Journal
Club**

Mathematical Journal Club: Dr. Pell-Wheeler, Dr. Lehr, Dr. Hedlund and Dr. Flexner.

One hour a fortnight throughout the year.

ADVANCED UNDERGRADUATE COURSES

**Advanced
Courses**

The advanced courses in mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different

colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students and a reading knowledge of French and German is presupposed.

The advanced courses given are selected from the following, with occasional modifications:

(Given in 1932-33)

Advanced Calculus: Dr. Flexner. *Credit: One unit.*

Advanced Geometry: Dr. Lehr. *Credit: One unit.*

Geometric Theory of Equations and Algebraic Functions: Dr. Lehr. *Credit: One unit.*

This course will include selected topics suggested by Enriques—"Teoria Geometrica delle Equazioni"—such as: geometry of groups of points on a line, elementary theory of plane algebraic curves, theory of curves based on polarity, transformations linear and quadratic. The course will include if possible in the second semester an introduction to projective geometry of hyper spaces.

(Given in 1933-34)

Analysis: Dr. Pell-Wheeler. *Credit: One-half unit.*

Algebra: Dr. Hedlund. *Credit: One-half unit.*

Music

PROFESSOR: HORACE ALWYNE, F.R.M.C.M.

ASSOCIATE: ERNEST WILLOUGHBY, A.R.C.M.

GRADUATE COURSES

The graduate courses and seminary may lead under certain fixed conditions to the degree of Master of Arts, but are not permitted to count as any part of the requirements for the degree of Doctor of Philosophy.

Students wishing to specialize in music who meet the preliminary requirements of the Academic Council for the degree of Master of Arts will be allowed to become candidates for the degree of Master of Arts of Bryn Mawr College in Music only if they have offered the equivalent of two seminaries in Music together with a seminary in Education or some other seminary, subject in each case to the approval of the Committee on Graduate Courses and of the Director of the Department of Music.

Preliminary requirements for admission to graduate courses in music:

1. A.B. degree from a college of recognized standing.
2. Certain standards of knowledge or facility in instrumental or vocal music will be required of all students. Students offering vocal music to answer the above requirements will be expected to have some facility in piano playing. Students who are deficient in the above requirements will be recommended by the Department of Music to certain qualified teachers outside the college.
3. Courses in the History of Music, Harmony and Counterpoint, in general equivalent to the undergraduate courses given in Bryn Mawr College, must have been taken, or must be taken without credit, as preliminary to graduate work.

*Graduate
Courses*

Canon and Fugue: Mr. Alwyne. *Two hours a week throughout the year.*
(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the application of counterpoint to composition in these established forms: it requires some originality on the part of the student and some facility in piano-forte playing.

Orchestration: Mr. Alwyne. *Two hours a week throughout the year.*
(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the characteristics of each instrument in the orchestra—its tone-quality, range, technique, etc.—with the grouping of the instruments—strings, wood-wind, brass, percussion, etc.—and with the orchestra as a whole. Orchestral scores will be studied. Students will be required to apply the foregoing in scoring for orchestra and in original work.

Seminary in Music, Free Composition: Mr. Alwyne.
Two hours a week throughout the year
(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter. This seminary deals with the application to Free Composition of the preceding courses in Harmony and Counterpoint.

FREE ELECTIVE COURSES

History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.
Credit: One unit.

(Given in each year)

This course consists of the study of the History of Music up to and including Beethoven, and of the masterpieces of music produced during that period. Characteristic examples of Early Church Music, in the form of Plain Chant, Organum, Discant, etc., and of Sixteenth Century vocal polyphony, Reformation Chorales and Bach choral works are illustrated by the College Choir in class. Compositions of the following composers are performed in class: Monteverdi, Corelli, Scarlatti, Rameau, Couperin, Bach, Handel, Haydn, Mozart and Beethoven. The forms included are folk-song, motet, madrigal, fantasia, toccata, early dance-forms, fugue, suite, rondo, variations, sonata and symphony. All study and analysis is based on the actual hearing of the music itself. The instruction is given by means of lectures, required reading, discussion, and by analysis by the students in class. At occasional meetings of the class, members of the Faculty of the Departments of History, Classical Archaeology, History of Art, and English discuss social, artistic and literary movements which were of special importance in the history of the evolution of music.

Advanced History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.
Credit: One unit

(Given in each year)

The course in History and Appreciation of Music is required for admission.

The course consists of the study of the history of music from Schubert to the present day and of the musical masterpieces produced during that period. The instruction follows the same plan as in the preceding course.

Third Year History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.
Credit: One-half unit.

(Given in each year)

Requirements for admission: the two courses in History and Appreciation of Music.

This course consists of two special courses of one semester each in some particular period

or aspect of Music. The subjects are Bach and Wagner, or Symphonic Music and Modern Music. These subjects are dealt with in a more detailed and amplified way than is possible in the two foregoing courses in History and Appreciation of Music. The instruction follows the same plan as in the preceding courses.

Elementary Harmony: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: knowledge of intervals, scales and keys, ability to sing simple melodies at sight.

This course is the beginning of composition. It does not impose upon the student the mere copying of a model but gives her some intellectual and æsthetic liberty.

Melodic movement and harmonic progression are studied concurrently. The student learns to write simple melodies based on poetic meters and the addition of a second melody to one already given with ornamentation by means of passing notes, neighbouring notes, etc. When some facility in horizontal writing has been obtained melodies are harmonized in four parts using major and minor triads in root positions and their inversions.

The importance of the student being able to hear what she writes is stressed by means of progressive ear training and musical dictation.

Advanced Harmony: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the course in Elementary Harmony; or the student must satisfy the instructor that she is qualified to enter.

This course is the continuation of the course in Elementary Harmony, starting with the Chord of the Dominant Seventh and carries the student through modern harmonic relations. Original melodies are written and harmonized in both close and open score and the use of C clefs is studied when writing for strings. Modern compositions are analyzed. This course gives an opportunity for freedom of expression and calls for more original work on the part of the student.

Elementary Counterpoint: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the two courses in Harmony; or the student must satisfy the examiner that she is qualified to enter.

This course deals with the various modes of counterpoint to which the courses in Harmony have led in so far as it has been possible to bring about "horizontal" writing in those courses. This course consists of Strict Counterpoint in two parts up to and including Fifth Species and three-part Strict Counterpoint up to and including Third Species.

Advanced Counterpoint: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the three preceding courses in Harmony and Counterpoint; or the student must satisfy the instructor that she is qualified to enter.

This course is a continuation of Elementary Counterpoint and carries the student through to Strict and Combined Counterpoint in three and four parts, later dealing with the stated contrapuntal forms. The course requires some originality on the part of the student and some facility in pianoforte playing.

Philosophy

PROFESSOR:

GRACE ANDRUS DE LAGUNA, Ph.D.

ASSOCIATES:

PAUL WEISS, Ph.D.

MILTON CHARLES NAHM, B.Litt.

GRADUATE COURSES

Two seminaries and a Journal Club are offered each year to graduate students of philosophy, accompanied by the direction of private reading and original research.

*Graduate
Courses*

In general, one historical seminary and one of a systematic character will be offered each year. The latter will be either in the field of logic and epistemology, or in ethics or aesthetics, depending on the interests of the students electing it. The subjects of study are changed from year to year through a cycle of three years.

Seminary in the History of Philosophy: Dr. de Laguna, or Dr. Weiss, or Mr. Nahm. *Two hours a week throughout the year.*

(Given in each year)

1932-33: Kant.

The Critique of Pure Reason forms the basis of the work of the first semester. In the second semester, the later Critiques and the other ethical writings are studied. The seminary is conducted in the first semester by Dr. Weiss and in the second semester by Mr. Nahm.

1933-34: English Empiricism.

The principal works of Locke, Berkeley and Hume form the basis of study. This seminary is conducted by Dr. Weiss.

1934-35: Pre-Kantian Rationalism.

In the first semester the work is principally based upon Descartes and in the second semester on Spinoza and Leibniz. This seminary is conducted by Dr. de Laguna.

Seminary in Logic and Epistemology: Dr. de Laguna and Dr. Weiss.

Two hours a week throughout the year.

(Given in 1932-33 and again in 1934-35)

1932-33: Recent Epistemological Theory: Dr. de Laguna.

Works of recent writers on epistemology are discussed. These will include recent works of Lovejoy, Santayana, Meyerson and Cassirer.

1934-35: Logic: Dr. Weiss.

A preliminary survey will first be made of such typical approaches to logic as the Aristotelian, that of Boole-Schröder, *Principia Mathematica*, etc. Certain special topics will then be studied: the nature of concepts, propositions, judgment, implication, entailment, inference and paradoxes. Finally, more general topics will be discussed: the foundations of mathematics, alternative mathematics and logics, and the relation of logic to other sciences.

Seminary in Ethics: Mr. Nahm.

Two hours a week throughout the year.

(Given in 1933-34)

History of English Ethics:

A general examination of Greek ethics will be made as an introduction to the development of English ethical theory from Hobbes to Sidgwick.

Seminary in Aesthetics: Mr. Nahm.

Two hours a week throughout the year.

(Given in 1934-35)

History and Problems of Aesthetics.

The development of aesthetic theory among the Greeks and mediæval philosophers is examined during the first semester. The history and problems of modern aesthetics will constitute the work of the second semester.

Advanced Courses

ADVANCED UNDERGRADUATE COURSES

Credit: One and one-half units

The advanced courses in philosophy are open only to students who have taken the second year courses in Elementary Ethics and Philosophical Problems. They may be taken as free electives.

Elementary Aesthetics: Mr. Nahm.

Credit: One-half unit.

(Given throughout the year)

The problem of the origin of art is approached by use of museum material and anthropological data. After this introduction an examination is made of the nature of the aesthetic response and a study of aesthetic types, such as the comic, the tragic, the sublime and the characteristic. The conclusion of the course will involve a close study of the aesthetics of painting, sculpture and poetry. If this course is elected in the first semester it must be continued in the second.

1st Semester:

German Idealism: Dr. de Laguna.

Credit: One-half unit.

About half of the course is devoted to the study of Kant. The systems of the post-Kantian idealists are treated more briefly.

2nd Semester:

Recent Philosophical Tendencies: Dr. Weiss.

Credit: One-half unit.

This course will deal in detail with the philosophies of Bergson, Dewey and Whitehead. There will be collateral reading in Peirce, James, Bradley, Santayana and Russell.

Physics

ASSOCIATES:

JANE DEWEY, Ph.D.

WALTER C. MICHELS, Ph.D.

GRADUATE COURSES

One graduate seminary or lecture course in theoretical physics is offered each year, the subject being selected to meet the needs of the students. A seminary in experimental physics will be arranged individually for students desiring it. Students electing physics as their major subject for the degree of Doctor of Philosophy may elect it also as the associated minor; provided mathematics or applied mathematics is taken as the independent minor; or mathematics or applied mathematics may be taken as the associated minor.

**Graduate
Courses**

Seminary in Theoretical Physics: Dr. Dewey.

Three hours a week throughout the year.

Seminary in Theoretical Physics: Dr. Michels.

Three hours a week throughout the year.

The subjects will, in general, be selected from the following:

- Theory of electricity
- Radiation theory
- Thermodynamics and statistical mechanics
- Kinetic theory
- Quantum mechanics
- Conduction of electricity through gases

Seminary in Experimental Physics: Dr. Dewey or Dr. Michels.

Physics Journal Club: Dr. Dewey and Dr. Michels.

One hour a fortnight throughout the year.

The advanced students and instructors meet to discuss recent work in physics.

ADVANCED UNDERGRADUATE COURSES

An advanced undergraduate course may be accepted as a seminary if supplemented by assigned reading or laboratory work. Students in their first year of graduate work will, in general, elect an advanced undergraduate course. One of the following courses is offered in each year.

Electricity and Magnetism: Dr. Michels.

Credit: One or one and one-half units.

**Advanced
Courses**

The work of this course includes classroom discussions, assigned reading and the solution of a considerable number of typical problems.

Laboratory work is required and is assigned according to the needs of individual students. It may consist of general electrical measurements; or of a more detailed experimental study of special problems. This course was given in 1931-32.

Mechanics: Dr. Michels.

Credit: One or one and one-half units.

This course has been given as an amplification and extension of a treatment of the subject equivalent to that given in the course in second year physics. The mathematical requirements are those needed for other advanced courses given by the department. An essential feature of the work is the solution and discussion of a large number of problems. This course was given in 1930-31.

Geometrical and Physical Optics: Dr. Dewey.

Credit: One or one and one-half units.

Introduction to Theoretical Physics: Dr. Dewey.

Credit: One and one-half units.

This course is intended for students who have completed one advanced course. The laboratory work will be arranged to cover the branches of physics not previously covered.

Spectroscopy and Atomic Theory: Dr. Dewey.

Credit: One or one and one-half units.

Psychology

PROFESSORS:

JAMES H. LEUBA, Ph.D.

*AGNES LOW ROGERS, Ph.D.

ASSOCIATE PROFESSOR AND
DIRECTOR OF THE LABORATORY:

HARRY HELSON, Ph.D.

LECTURER IN EDUCATION:

LELAH MAE CRABBS, Ph.D.

INSTRUCTOR:

WILLIAM D. TURNER, Ph.D.

GRADUATE COURSES

Graduate Courses

At least seven hours a week seminary work and graduate lectures are offered each year to graduate students of psychology, accompanied by the direction of private reading and original research and the courses are varied from year to year so that they may be pursued by students through three or more successive years. The books needed by the graduate students are collected in the seminary library of the department. No undergraduates are admitted to graduate courses or to the seminary library, but the second and third year courses of the undergraduate department may be elected by graduate students. The laboratory of experimental psychology is open to graduate students for research work.

Psychological Seminary: Dr. Leuba.

Two hours a week throughout the year.

(Given in each year)

As the foundation of the work of the seminary one or two of the following subjects is chosen each year: the psychology of subnormal and supernormal individuals with reference to the social problems they present, including case studies; social psychology; abnormal psychology and the Freudian psychology; the fundamental principles and theories of psychology; the psychology of religion and ethics.

Seminary in Research Problems: Dr. Helson.

Two or more hours a week throughout the year.

(Given in each year)

This course is intended for students who wish to be trained in research work. Methods of measurement, particularly modern psychophysics, practise in observation and acquaint-

* Granted leave of absence for the year 1932-33. The courses announced by Dr. Roger will be given by Dr. Crabbs.

ance with standard types of apparatus are stressed. The instructor co-operates with the students in the solution of some original problems.

Seminary in the History of Psychology: Dr. Helson.

Two or more hours a week throughout the year.

(Given in 1932-33)

The work of this seminary consists of three parts: (1) lectures by the instructor in which the history of psychology is treated through the consideration of fundamental problems; (2) readings and reports by students involving the use of sources; (3) a semester paper upon some selected topic in which the student's ability to organize and criticize material is tested.

Seminary in Physiological Psychology: Dr. Helson.

Two or more hours a week throughout the year.

(Given in 1933-34)

The physiological foundations of behavior will be investigated through a consideration of selected topics from the fields common to physiology and psychology. Among the subjects discussed are: chronaxie, the conditioned reflex experimentation, membrane theory of nerve conduction, theories of central neural mechanisms, gradients and special states having a bearing upon a theory of behavior. Some laboratory work will be done although the course is not primarily an experimental one.

Psychological Journal Club: Dr. Leuba, Dr. Helson and Dr. Turner.

Two hours in alternate weeks throughout the year.

Journal Club

The students meet with the instructors to hear reports on recent psychological literature and on the work done in the laboratory.

For graduate work in Educational Psychology see the Department of Education (pages 52 and 53).

ADVANCED UNDERGRADUATE COURSES

Credit: Two and one-half units

Advanced Experimental Psychology: Dr. Helson and Dr. Turner.

Credit: One unit.

Advanced Courses

(Given throughout the year)

This course is intended for students who wish to be trained in research work. It may be taken by students who have taken the second year course in Experimental Psychology. The course is continued in the second semester. The instructors co-operate with the students in the solution of some original problems.

1st Semester:

Abnormal Psychology: Dr. Leuba.

Credit: One-half unit.

This course is a study of the main forms of mental disorders with clinical demonstrations. The course will include a consideration of Types of Personality and Mental Hygiene. It may be taken as a free elective by students who have taken the Motivation of Action; Experimental Psychology is not a prerequisite.

2nd Semester:

Social Psychology: Dr. Leuba.

Credit: One-half unit.

A study of Group Life and of some Social Institutions. It may be taken as a free elective by students who have taken the Motivation of Action; Experimental Psychology is not a prerequisite.

2nd Semester:

Psychological Theory: A systematic survey of the main types of psychological theory: Dr. Turner.

Credit: One-half unit.

The concepts underlying the various approaches to the problems of psychology will be examined with special reference to the history of psychology. This course is intended for students who wish a survey of the various fields of psychology in the light of recent developments. Two units of psychology are prerequisites.

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

PROFESSORS:	SUSAN MYRA KINGSBURY, Ph.D. HORNELL HART, Ph.D.
ASSOCIATE:	MILDRED FAIRCHILD, Ph.D.
LECTURER:	ALMENA DAWLEY, M.A.
SPECIAL LECTURERS:	EVA WHITING WHITE, A.B. ALICE HAMILTON, M.D.

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The departments of Economics and Politics, Psychology, Education and Philosophy offer seminaries strongly recommended to students of Social Economy. These seminaries are given by Dr. Marion Parris Smith, Professor of Economics; Dr. Charles Ghequiere Fenwick, Professor of Political Science; Dr. Roger Hewes Wells, Associate Professor of Economics and Politics; Mr. Milton Charles Nahm, Associate in Philosophy; Dr. James H. Leuba, Professor of Psychology; Dr. Harry Helson, Associate Professor of Experimental Psychology; Dr. Agnes Low Rogers,* Professor of Education and Psychology; Dr. Ilse Forest, Associate Professor of Education and Mr. Samuel Arthur King, Non-resident Lecturer in English Diction.

The graduate courses in Social Economy and Social Research are intended for graduate students who present a diploma from some college of acknowledged standing and no undergraduate students are admitted.

Students of this department must offer for admission to their graduate work a preliminary course in economics, in psychology and in sociology† and in addition more advanced courses equivalent to the Bryn Mawr College major course in one of the following subjects: economics and politics, sociology, history, psychology or philosophy (that is altogether two and one-half units in one of these subjects).‡

The courses are planned on the principle that about two-thirds of the student's time shall be given to the study of theory and the remaining one-third to a seminary including field and laboratory work.

* Granted leave of absence for the year 1932-33. The courses announced by Dr. Rogers will be given by Dr. Crabbs.

† Students not having had courses in psychology and sociology may be expected to supplement their preparation by taking work at a university summer school of recognized standing.

‡ The "unit" represents one-quarter of the student's time for one year or approximately ten hours of work a week, including class meetings.

In the first year the student will probably pursue a seminary in the theory and technique applied to her chosen field, as for example: Social Case Work or Community Organization or Industrial Relations in which she will give seven to ten hours a week during the term time and full time in vacation practica to practice or field work in an institution or with a social agency or in a business firm chosen in relation to her selected field; she will take the seminary in theory most closely related to her special interests; unless already qualified she will take the course in statistics and she will elect a third seminary. In addition all students attend the Journal Club. Each seminary requires about 14 hours of work each week, including hours of discussion, preparation and conference. Full graduate work involves about 44 hours of work per week.

Practice work in each field consists of two types: (1) field work consisting of seven hours each week, one hour of conference each week and two hours of seminary discussion in alternate weeks; (2) non-resident experience with social institutions, agencies or business firms obtained during one month in December and January and during two months in the summer following the eight months of work in Bryn Mawr College.

The department will endeavor to arrange that the students shall be at a minimum expense for room and board during the midwinter practicum, other than that paid to the college from December 8th to 18th and during the two months of the summer practicum.

The year's programme of the students will therefore run as follows: (1) Work at Bryn Mawr College, October 4th to December 5th, during which period at least one day a week is given to field work. (2) A midwinter practicum in which the student gives full service to a social organization or a business establishment or to research, from December 5th to December 31st in New York, Boston, Philadelphia or elsewhere. (3) January 3rd to January 20th, during which period the student will give her entire time to classes and study at Bryn Mawr College. (4) February 7th to June 7th, during which time the student will give one day a week to field practice work, with the exception of the spring vacation. (5) The summer practicum from June 12th to August 5th, during which time the student will give all of her time to practical work with a social organization or a mercantile or manufacturing establishment. The field work during the time of residence at the college and during the mid-winter and summer practica is under the careful supervision of an instructor of the department. After one year of work in this department one-half year may be given to a practicum in residence in a social service institution, in connection with a social welfare or community organization, in a federal or state department of labour and industry, in a federal or state employment office or in a manufacturing or mechanical establishment in Philadelphia, New York, New England or elsewhere, during which time the practical work and special reading and research will be supervised by the instructor in charge of the practicum and by the head of the institution, department or business firm.

**Certificates
and
Degrees**

Students entering the department are expected to pursue the work throughout one year. Unless the student has had graduate courses providing a foundation for professional social work or acceptable experience in social work, at least two years are necessary for satisfactory preparation. A certificate will be given upon the completion of one or two years' study. The candidate for a certificate must offer a seminary which includes practice or laboratory work or a seminary in social and industrial research.

Graduates of Bryn Mawr College and graduates of other colleges who shall have satisfied the Academic Council that the course of study for which they have received a degree is equivalent to that for which the degree of Bachelor of Arts is given by Bryn Mawr College or who shall have attended such additional courses of lectures as may be prescribed, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts or of Doctor of Philosophy;* admission to the graduate school does not in itself qualify a student to become a candidate for these degrees.

GRADUATE COURSES**Graduate
Courses**

The seminaries and courses described below may be elected subject to the approval of the Director of the Department by students working for the first and second year certificates as well as by candidates for the degree of Master of Arts or of Doctor of Philosophy in Social Economy and Social Research or may be offered as the associated or independent minor with the approval of the Director of the Department when the major is taken in certain other departments according to the regulations of the Academic Council.

Seminary in Social and Industrial Research: Dr. Kingsbury.

Three hours a week throughout the year.

(Given in each year)

Research in Social Economy involves two distinct types of studies. First, that which uses manuscripts or printed documents as sources of information and second, that which secures data concerning human relations and social conditions from individuals, groups, organizations or institutions. Both phases of social research necessitate an ability to discover cause and effect, to see the relations and interpret the interaction of social forces, to recognize and evaluate the factors conditioning or controlling social situations and to establish facts concerning social phenomena.

Consequently, training in the acquisition, arrangement, analysis and interpretation of data is essential for students undertaking either phase of social research. As other seminaries in the Department and allied departments deal primarily with the first type of studies, this seminary is devoted exclusively to the second type. A subject is selected and arrangements made which will require students to secure social data by work in the field. The material is then organized, analyzed and interpreted by the members of the seminary. In this way, training is given in filling out schedules, classifying data, drawing up tables, analyzing results and interpreting material as a whole. The group of students may cooperate to produce a study which it is hoped will prove a contribution to our knowledge of social or industrial conditions. Students not taking a seminary in which field practice is required will be expected to carry on a mid-winter practicum in this seminary (see page 77). Previous graduate study or acceptable experience in social or in industrial work is required for admission to this seminary.

* For requirements for the Master's degree and the degree of Doctor of Philosophy, see pages 32 to 37.

Seminary in Statistics: Dr. Kingsbury. *Two hours a week throughout the year.*
(Given in 1932-33 and again in 1934-35)

The work of the seminary is divided into three sections and considers: *first*, the principles of statistical measurement—frequency distributions, averages, index numbers, measures of association, correlation and partial correlation, theories of probability and probable error; *second*, standard and model forms of schedules and the methods of tabulation and analysis of data, together with criticisms of the methods employed in some of the best social investigations which have been carried on; *third*, a study of the application of statistics to the analysis of social problems including a review of the outstanding contributions in the subject and a criticism of selected statistical reports. Important correlations already established between socially significant variables will be reviewed and their application in connection with further research indicated.

Seminary in Administration of Social Agencies: Dr. Kingsbury.
Two hours a week throughout the year.
(Given in 1933-34)

This course studies the sources of financial support of social agencies, the education of the community, coöperation in larger social programmes, the relationships between public and private agencies, the organization and supervision of a staff and the development and installation of methods to secure high standards of work. Opportunities for field work and research are arranged according to the needs of the student. This seminary is open to advanced students with the approval of the instructor.

Seminary in Social Change: Dr. Hart. *Two hours a week throughout the year.*
(Given in 1932-33 and again in 1934-35)

Problems related to the nature of social progress and the methods whereby it can be achieved are studied by members of the seminary. The course begins with a review of prehistoric cultural evolution and of modern primitive cultures, including visits to ethnological and archaeological exhibits in Philadelphia, New York or Washington. The natural laws of invention and of diffusion of culture are studied inductively by analyzing the history of various culture elements in primitive and civilized societies. The applicability of these laws to the origin and spread of social movements and agencies is worked out in specific instances. Various prognoses as to the future of our civilization are reviewed in relation to the foregoing material and principles essential to sound social reform are developed.

Seminary in The Family: Dr. Hart. *Two hours a week throughout the year.*
(Given in 1933-34)

The evolution of the family as a social institution will be reviewed briefly. The course will deal chiefly with the social problems involved in relations between men and women, parents and children, young people and their parents, the family and society and the like. Problems related to social attitudes, agencies and legislation dealing with the family will be taken up by the project method.

Seminary in Research in Sociology: Dr. Hart.
Two hours a week throughout the year.
(Given in each year)

Seminary in Community Organization and Administration: Dr. Hart.
Two hours a week throughout the year.

Laboratory and Field Work.
Seven hours a week throughout the year.
(Given in each year)

The technique of integration of purpose as applied to social work with groups, through such agencies as settlements, playgrounds, social centers, Y. W. C. A.'s, councils of social agencies, community chests, civic organizations, legislative commissions and research and propaganda agencies, forms the subject-matter of the course. In connection with the discussion of these topics by the instructor, a series of representative community organization workers are invited to meet with the class to answer questions from their experience in the problems which have arisen in the course of the students' work. Special

attention is given to the practical problems involved in introducing new social movements into communities, in organizing and conducting clubs and classes, in work with committees and boards, in publicity work and in financial and legislative campaigns.

The Practicum in Community Organization and Administration combines practical work in social and community education with reports and discussions. In addition to reports and conferences, seven hours a week are devoted to active work in a social center or settlement by which the student gains vital illustration of the principles and organization of community work.

The practicum is under the direction of Dr. Kingsbury and the director of the particular agency or department and is so arranged as to give to the student training during the academic year and the midwinter and summer practica (see page 83) in some one or more of the following activities:

(1) Direction and teaching of clubs and classes as observers, visitors, helpers and assistants.

(2) Regular daily management as assistants and later as directors.

(3) General administrative assistance in office work, including record-keeping, in library work, in activities to secure publicity, in preparation of newspaper articles, reports, posters, exhibits, parades, dramatics, plays, festivals, demonstrations, concerts and lectures, in public speaking and writing and in conducting financial campaigns and special studies.

(4) Teaching in night schools of classes in civics and elementary subjects and conducting games, dramatics, gymnastics, playgrounds and kindergarten activities.

(5) Co-operation with civic movements, community campaigns and emergency activities, school programmes and publicity.

The fields from which the subject for the practicum may be chosen are community, civic and social centers, settlements, playgrounds and health and recreation centers, and have included the Bryn Mawr Community Center, The Philadelphia College Settlement, The Young Women's Christian Association and work in smaller neighboring communities.

Seminary in Labour Organization: Dr. Fairchild.

Two hours a week throughout the year.

(Given in each year)

Some of the forces found in modern industry, the inequality of distribution and the gradual development of democratic ideas that lead to labour organization are reviewed as an introduction to trade union history and the development of labour organization in America is compared with that in Europe and especially in England. The methods used by labour are studied in detail—the strike, boycott, sabotage, picketing and various aspects of labour warfare—as well as the attempts of the employer to suppress unionism. The bearing of the law and the courts on the labour struggle and the use of the injunction are considered critically. The significance of social legislation, welfare work and the intervention of the state are discussed with a view to understanding the probable future of labour organization. The changing philosophy of labour as it is embodied in experiments in various countries, England, France and Russia, is given particular attention. As a part of the seminary, students attend trade union meetings and conferences, visit factories and various state and private organizations which are concerned with employment, vocational guidance and legislative reform.

Seminary in Industrial Relations: Dr. Fairchild.

Two hours a week throughout the year

Laboratory and Field Work.

Seven hours a week throughout the year.

(Given in each year)

The aim of this seminary is to secure an understanding of actual conditions, methods and relations in industry in the United States. A brief introduction to the evolution of the modern industrial system is followed by an analysis of large scale productive units and monopolistic control of industry. A study is then made of production problems in certain basic industries with particular stress on planning systems and process analysis. The procedure of the personnel office, hiring of labour, rating, training, promotion, discharge and methods of wage payments are considered in detail. On the basis of critical compari-

sions of methods, fundamental principles are brought to light. A comparison of retail trade with factory production brings out significant phases of industrial relations. Special lectures on psychology in industry, labour exchanges, government agencies, scientific management, industrial poisons and other topics are included in the course. Actual cases are studied and observation trips give the student first hand information regarding present day conditions and methods.

The field work in the factories and stores, which is a part of the work of this seminary, is accompanied in alternate weeks by a two-hour discussion period on the practical problems which the student must meet.

This seminary must be accompanied by the Seminary in Labour Organization.

Seminary in Research in Labour Organization or Industrial Relations:
Dr. Fairchild.

Two hours a week throughout the year.

(Given in each year)

Each student pursues a separate research problem of her own choice, conferring with the instructor individually as her work progresses, and reporting periodically to joint meetings of the students in the seminary. The course is open to advanced students with the consent of the instructor.

Seminary in Social Case Work: Miss Dawley.

Two hours a week throughout the year.

Laboratory and Field Work.

Ten hours a week throughout the year.

(Given in each year)

This course is concerned with the development of a philosophy and practice both in understanding and in meeting problems of human beings who go to social agencies for help. Emphasis is placed on the interpretation of behavior in terms of life experiences and relationships, the various processes of case work, the evaluation of case material, case recording, the community resources essential for treatment, and the case worker's relationship to these resources.

The Practicum in Social Case Work during the past year has consisted of field work carried on 10 hours per week and a mid-winter and a summer practicum (see page 83) with the following agencies: The Family Society of Philadelphia and the Children's Aid Society. The field work with these agencies is under the supervision of Miss Dawley and the supervisor of the particular agency or department.

Social Statistics: Dr. Kingsbury.

Two hours a week throughout the year.

(Given in each year)

The subjects considered are those required for an understanding of statistical studies in social economy, for use in conducting inquiries into social and economic conditions and for analysis of data secured from Federal or State reports and from records of social and industrial organizations and institutions. Included in the course are the following topics: schedule making, accumulation of data, making of tables, the use of computing and filing devices, the array, frequency distributions, averages, index numbers, measures of association and variation, the theory of probability and of error and linear correlation.

No knowledge of mathematics beyond the usual college entrance requirements is presupposed. This course is required of all graduate students in the department who have not had a satisfactory introductory course.

General Course in Articulation and Voice Production: Mr. King.

One-half hour a week throughout the year

(Given in each year)

The object of this course is to train speakers in accurate and distinct articulation and to eliminate the faults of bad production. Speech is resolved into its phonetic elements which are made the basis of practical exercises so arranged as to be progressive in their difficulties.

The following courses in the University of Pennsylvania are open to graduate students by special arrangement:

Criminal Law.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Law offered by Dean Mikell at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course may accompany the seminary in Social Case Work.

Criminal Procedure.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Procedure offered by Dean Mikell, at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course must be preceded by the course in Criminal Law.

Journal Club

Social Economy Journal Club: Dr. Kingsbury, Dr. Hart and Dr. Fairchild.

Two hours once a fortnight throughout the year.

Current articles are reviewed, recent reports, surveys and investigations are criticised and the results of important research are presented for discussion.

FREE ELECTIVE COURSES

Free Elective Courses

Elements of Statistics: Dr. Kingsbury.

Credit: One-half unit.

(Given in each year)

This course deals with the elementary principles of statistics. Among the topics are the array, frequency distributions, graphic methods, averages, measures of variation, theory of sampling, index numbers, theory of probability and linear correlation. It also attempts briefly to acquaint the student with the principles and methods of record keeping and filing which are applicable to municipal, state and federal offices, to business organizations and to social organizations.

The course is recommended to students of social economy, of economics and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Applied Sociology: Dr. Hart.

Credit: One-half unit.

(Given in each year)

Relationships between personalities, the causes of social conflicts, and the methods, whereby maximum stimulation, release, facilitation and integration of the purposes and possibilities of all members of society may be attained, constitute the problems of the course. Specific applications to social relations in the family, in industry, between races, and the like, are worked out. By means of laboratory experiments and objective observation of social phenomena, outstanding sociological theories are tested by attempting to apply them to concrete data. A course in some social science is prerequisite for this course.

Social Anthropology: Dr. Hart.

Credit: One unit.

(Given in each year)

An anthropological approach to the problems of human progress. An objective definition of progress is developed. Data relating to prehistoric, primitive, ancient and modern cultural and racial development, bearing on the amount and the direction of change in human intelligence, technology, and social relations, are examined. The desirability of various possible future directions of social change is explored. Methods of innovation in mechanical invention, medicine, science, social work, and other fields, are studied in terms of instances, with a view to developing the fundamental principles of the technique and dynamics of social progress. A course in some social science is prerequisite for this course.

Labour Movements: Dr. Fairchild.

Credit: One unit.

(Given in each year)

The present day problems of labour considered with special reference to the history of the labour movement form the subject matter of this course. A study of critical episodes in labour's struggle for organization is made in order to forecast tendencies in trade unionism and to appraise efforts for industrial peace. Some of the topics considered are the strike, the lockout, working conditions, industrial accidents, scientific management and labour,

compensation, social insurance, welfare work, and the radical experiments of labour. The significance of workers' education and of the various labour colleges and schools is stressed with special reference to the Bryn Mawr Summer School for Women Workers in Industry.

The following seminaries offered in other departments are recommended to graduate students of Social Economy and Social Research:

Seminary in Economics: Dr. Marion Parris Smith.

Two hours a week throughout the year.

(Not given in 1932-33)

Seminary in Politics: Dr. Fenwick.

Two hours a week throughout the year.

(Given in each year)

Seminary in Politics or Economics: Dr. Wells.

Two hours a week throughout the year.

(Given in each year)

Psychological Seminary: Dr. Leuba.

Two hours a week throughout the year.

(Given in each year)

Seminary in Physiological Psychology: Dr. Helson.

Two or more hours a week throughout the year.

(Given in 1933-34)

Seminary in Mental Measurement: Dr. Rogers.*

Two hours a week throughout the year.

Either this seminary or one of the following seminaries will be given in 1932-33.

Seminary in Advanced Principles of Education. Dr. Forest.

Two hours a week throughout the year.

Seminary in Theory of Education: Dr. Forest.

Two hours a week throughout the year.

Seminary in Educational Psychology: Dr. Crabbs.

Two hours a week throughout the year.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers.

Three hours a week throughout the year.

(Not given in 1932-33)

Spanish

PROFESSOR:

JOSEPH E. GILLET, Ph.D.

GRADUATE COURSES

Two to four hours a week of seminary work or graduate courses are offered each year to graduate students of Spanish accompanied by the direction of private reading and original research.

The graduate seminaries in Spanish are varied from year to year in order that they may be pursued by a student for consecutive years. Students electing Spanish as a major subject for the degree of Doctor of Philosophy are required to offer French philology as an associated minor.

*Graduate
Courses*

* Granted leave of absence for the year 1932-33.

Seminary in Spanish: Dr. Gillet. *Two hours a week throughout the year.*
 1932-33: Cervantes, the *Novelas exemplares* and the *Entremeses*.
 1933-34: Literary criticism in Spain.
 1934-35: The Spanish drama of the Sixteenth Century.

Dr. Gillet offers in each year, if his time permits, the following graduate courses:

Spanish Philology. *One hour a week throughout the year.*
 Old Spanish Readings. *One hour a week throughout the year.*

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect these courses.

Lectures on Spanish Literature of the Sixteenth Century and the Golden Age: Dr. Gillet. *Credit: One unit.*

The course includes collateral reading and reports.

Advanced and Free Spanish Composition: Dr. Gillet. *Credit: One-half unit.*

FELLOWSHIPS AND GRADUATE SCHOLARSHIPS

Application for resident fellowships or scholarships should be made as early as possible to the Dean of the Graduate School and must be made not later than the first of March preceding the academic year for which the fellowship or scholarship is desired. Blank forms of application will be forwarded to the applicants. A definite answer will be given within a few weeks from the latest date set for receiving applications. Any original papers, printed or in manuscript, which have been prepared by the applicant and sent in support of her application, will be returned when stamps for that purpose are enclosed or specific directions for return by express are given. Letters or testimonials from professors and instructors will be filed for reference.

*Date of
Application
for
Fellowships
and
Scholarships*

European Traveling Fellowships

The Bryn Mawr European Fellowship of the value of \$500 was founded in 1889. It is awarded annually to a member of the graduating class of Bryn Mawr College on the ground of excellence in scholarship. The fellowship is intended to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The Bryn Mawr European fellow receives in addition the Elizabeth S. Shippen foreign scholarship of the value of \$200.

*Bryn Mawr
European
Fellowship*

*The Mary Elizabeth Garrett European Fellowship** of the value of \$1,000 was founded by Miss Garrett of Baltimore and is awarded annually on the ground of excellence in scholarship to a student still in residence who has completed at least three semesters of graduate studies at Bryn Mawr College. The fellowship is to be applied towards the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty.

*Mary
Elizabeth
Garrett
European
Fellowship*

Since this fellowship is awarded to assist candidates for the Doctor's degree at Bryn Mawr College to complete their preparation, it is understood that the holders of the Mary Elizabeth Garrett Fellowship will not present themselves as candidates for the degree of Doctor of Philosophy elsewhere than at Bryn Mawr College.

The Anna Ottendorfer Memorial Research Fellowship in German and Teutonic Philology of the value of \$1,000 was founded in 1907 by Mrs. Anna Woerishoffer of New York City in memory of her mother. It is to be applied towards the expenses of one year's study and residence at some

*Anna
Ottendorfer
Memorial
Research
Fellowship*

* By vote of the Trustees of Bryn Mawr College in February, 1927, the President M. Carey Thomas European Fellowship of the value of \$500, founded by Miss Garrett in 1896, and the Mary Elizabeth Garrett European Fellowship of the value of \$500, founded by Miss Garrett in 1894, are offered jointly as one fellowship of the value of \$1000.

German university and is offered annually to a graduate student who has completed at least one year of graduate study at Bryn Mawr College but is not necessarily still in residence when making application for the fellowship. The fellowship will be awarded to the candidate who shows such proficiency in her studies or in independent work as to furnish reason to believe that she will be able to conduct independent investigations in the field of Teutonic Philology or German. The choice of a university may be determined by the holder's own preference subject to the approval of the Faculty.

*Fanny
Bullock
Workman
Fellowship*

The Fanny Bullock Workman Fellowship of the value of \$1,500 is offered annually for a year of study or research abroad. The holder of the fellowship must be a candidate for the degree of Doctor of Philosophy at Bryn Mawr College who could not have the advantages of such a year without assistance. At the discretion of the Faculty the fellowship for any one year may be divided between two students or the same student may hold the fellowship for more than one year.

Resident Fellowships

*Helen
Schaeffer
Huff
Memorial
Research
Fellowship*

The Helen Schaeffer Huff Memorial Research Fellowship founded in 1913 of the value of \$1,200, is offered to a student desiring to carry on research in either Physics or Chemistry, to be held during one year's work at Bryn Mawr College.

Applicants for this fellowship must be students who have done advanced graduate work at some college or university of recognized standing and have shown capacity for research. The award of the fellowship will depend primarily upon the applicant's record as a research student. Where equally good candidates are considered, preference will be given to a student working on problems which may be considered to lie along the borderline between Chemistry and Physics. The fellowship may under exceptional circumstances be awarded in consecutive years to the same student or the fellowship may be given to a graduate student studying at Bryn Mawr College to be held during one year's work at some other American college or university if in the opinion of the Committee it is imperative for that student to go elsewhere in order to complete an important piece of investigation.

*Department
Fellowships*

Twenty-two resident fellowships, of the value of \$860 each, are offered annually in Biblical Literature, Biology, Chemistry, Classical Archaeology, Economics and Politics (the Justus C. Strawbridge Fellowship), Education, English, Geology, German, Greek, History, History of Art, Latin, Mathematics, Philosophy, Physics, Psychology, Romance Languages (two fellowships) and two Carola Woerishoffer Memorial Fellowships in Social Economy and Social Research and one Grace H. Dodge Memorial Fellowship in Industrial Relations and Personnel Administration. They are open for competition to graduates of any college of good standing and will

be awarded only to candidates who have completed at least one year of graduate work after obtaining their first degree.*

Fellows who continue their studies at the college after the expiration of the fellowship, may, by a vote of the Directors, receive the rank of Fellows by courtesy.

DUTIES OF RESIDENT FELLOWS

Fellows are expected to attend all college functions, to assist in the conduct of examinations and to give about an hour a week to the care of special libraries in the seminaries; they are not permitted while holding the fellowship to teach or to undertake any other duties in addition to their college work. They are expected to uphold the college standards of scholarship and conduct and to conform to the Self-Government regulations. They are required to reside in the graduate hall and are assigned rooms by the Secretary and Registrar of the College. They are charged the usual fee of seven hundred and seventy dollars for tuition, board, room rent and infirmary fee.

The holder of a fellowship is expected to devote at least one-half her time to the department in which the fellowship is awarded and to show by the presentation of a thesis or in some other manner that her studies have not been without result.

*Duties of
Resident
Fellows*

Resident Graduate Scholarships

Twenty Graduate Scholarships, of the value of \$400 each, may be awarded to candidates next in merit to the successful candidates for the fellowships; they are also open for competition to graduates of any college of good standing. Scholars may undertake while holding a scholarship only a very limited amount of teaching or other paid work approved in advance by the Dean of the Graduate School.

*Resident
Scholarships*

The Robert G. Valentine Memorial Scholarship in Social Economy of the value of \$400 is offered annually by Mrs. Frank W. Hallowell of Chestnut Hill, Massachusetts, to be awarded by the President and Faculty of Bryn Mawr College on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research to a candidate approved by the donor. It is open to graduates of any college of good standing.

*Robert G.
Valentine
Memorial
Scholarship*

One or more Grace H. Dodge Scholarships in Social Economy for work in Industrial Relations of the value of \$400 each, are offered annually and are open for competition to graduates of any college of good standing.

*Grace H.
Dodge
Scholarships*

Opportunity is offered by the College Settlement of Philadelphia for two graduate students to reside at the settlement, paying a minimum rate of board, to take at least six hours of practice work at the Settlement, and to pursue courses in the Carola Woerishoffer Graduate Department.

* Any student who has received the M.A. degree from a college or university of recognized standing shall be eligible for a resident fellowship.

Graduate Prize

Susan B. Anthony Memorial Prize

The *Susan B. Anthony Memorial Prize* of the value of \$500 commemorates the great work for women of Susan B. Anthony. It was founded in 1910 by her friend Anna Howard Shaw and her niece Lucy E. Anthony.

From 1910 to 1928 the Memorial of Susan B. Anthony was a graduate scholarship in social economy or politics of the value of \$250 awarded annually to the student who agreed to complete for publication a study on some phase of the woman question. With the consent of the surviving donor, Miss Lucy E. Anthony, the form of the memorial has been changed to a prize.

It is awarded every two years to a graduate student of Bryn Mawr College who has published (or submitted in final form for publication approved by the Committee) the best study dealing with the industrial, social, economic, or political position of women in the past, present or future. The next award will be made in June 1934.

The award will be made by the President of the College, acting as chairman and four members of the teaching staff appointed by her, two from the department under which, or in which the study has been written and two from allied or associated departments.

Scholarships for Foreign Women*

Scholarships for Foreign Women

Five graduate scholarships, of the value of one thousand dollars each, are offered annually to women students outside the United States and Canada. They are open for competition to women whose academic work has reached a standard equivalent to that denoted by the Bachelor's degree of an American college or university of acknowledged standing, that is, a three or four years' university course.† It is *essential* that applicants should be able to speak and understand English. Application for these scholarships should be made before April first. Renewal of the scholarships for a second year will not be granted except in very exceptional cases. Holders of the scholarships are required to be in continuous residence at the college and to follow regular approved courses of study.

* Applications for the scholarships for foreign women should be accompanied by full particulars of the candidate's academic work, by diplomas or certificates and by letters of recommendation from professors and should be addressed to the office of the Dean of the Graduate School, Bryn Mawr College, Bryn Mawr, Pennsylvania, U. S. A. Through coöperation with the Institute of International Education, 2 West 45th Street, New York City, applications from nationals of the countries with which the Institute maintains international student exchange relations, should be addressed to the Institute representatives in those countries: Argentina: Dr. Alfredo Colmo, President, Instituto Cultural Argentino-Norte Americano, Córdoba 931, Buenos Aires; Austria: Dr. Paul L. Dengler, Director Austro-American Institute of Education, 1 Elisabethstrasse 9, Vienna; Czechoslovakia: Dr. F. Spisek, Ministry of Education, Nostic Palace, Prague III; France: Monsieur Charles Petit-Dutaillis, Director, Office National des Universités et Écoles Françaises, 96 Boulevard Raspail, Paris; Germany: Dr. A. Morsbach, Director, Akademischer Austauschdienst, Schloss, Berlin C 2; Hungary: Dr. A. Haász, Ministry of Education, V. Bathory-utca 12, Budapest; Italy: Dr. Piero Parini, Il Direttore Generale Delle Scuole Italiane All'Estero, Ministero degli Affari Esteri, Rome; Spain: Professor José Castillejo, Junta para Ampliación de Estudios, Almagro 26, Madrid; Switzerland: Professor Arthur Rohn, President, Schweizerischen Schulrates, Eidgenössische Technische Hochschule, Zurich.

† For British women the degree of Bachelor of Arts, for French women the *Licence*, for Norwegian and Swedish women the *Cand. Philol.*, or their equivalents are desired.

The cost of board, residence and tuition for the academic year is \$770, and an additional charge of \$15 a week is made for students who remain at the college during the three weeks of the Christmas and Easter vacations. The value of the scholarship, \$1000, therefore covers more than the fixed college expenses and the remainder may be applied toward the other expenses which must be met by the student, i. e., traveling expenses to and from Europe, books, laundry and all incidental personal expenses.

DUTIES OF RESIDENT SCHOLARS

Scholars are expected to reside in the graduate hall, to attend all college functions and to assist in the conduct of examinations. It is understood that they will uphold the college standards of scholarship and conduct and conform to the Self-Government regulations.

*Duties of
Resident
Scholars*

STUDENTS' LOAN FUND

The Students' Loan Fund of the Alumnae Association of Bryn Mawr College was founded by the Class of 1890 for the use of students who need to borrow money in order to continue their college work and for the purpose of receiving contributions, no matter how small, from those who are interested in helping students to obtain an education. The Fund is managed by a committee consisting of the President of the College and the Alumnae Scholarships and Loan Fund Committee.

*Students'
Loan Fund*

The Committee in administering this money follow a definite policy, designed to serve the best interests of the students concerned. Loans may be used for any purpose approved by the Committee, who strongly recommend the borrowing of small sums to relieve undue financial pressure, or to meet special emergencies. As a rule, money is not loaned to Freshmen. The terms under which money is loaned are as liberal as is consistent with business-like principles. Interest, which begins with the date of graduation, is at the rate of four per cent. Payment of the loan must be made in five years according to the following system: ten per cent in each of the first two years; fifteen per cent each in the third and fourth years; fifty per cent in the fifth year. At the discretion of the Committee exceptions are made in special cases, for example that of a student working for a higher degree, to both the five-year limit and the date of the first interest charge.

Contributions may be sent to the chairman of the Scholarships and Loan Fund Committee, Alumnae Office, Taylor Hall, Bryn Mawr, Pa. Application blanks may be obtained from the Alumnae Office on the third floor of Taylor Hall by students who wish to borrow from the Loan Fund.

THE BUREAU OF RECOMMENDATIONS

The college conducts a Bureau of Recommendations which assists students, alumnae and former undergraduate and graduate students by securing recommendations from their professors and forwarding these to individuals or agencies to whom they may apply for positions. It is not primarily a bureau of employment or appointments, although it is often instrumental

in putting individuals directly in touch with positions. The bureau also helps graduate and undergraduate students to find summer work. A series of vocational lectures and conferences is conducted each year. The services of the bureau are given free of charge to students, alumnae and former students of Bryn Mawr College.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest, or award which is to be devoted to scholarships, fellowships, or the endowment of professors' chairs in accordance with the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$10,000 yields sufficient income at present to provide tuition for one undergraduate or two graduate students at Bryn Mawr College.

Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
to be invested and preserved inviolably for the endowment
 of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Date.....

LIBRARY

The Bryn Mawr College Library is designed to be as far as possible a library for special study. There are at present on its shelves about 140,000 bound volumes and 10,000 dissertations and pamphlets. Of special interest is the classical library of the late Professor Sauppe of Göttingen, the Semitic library of the late Professor Amiaud of Paris, the mathematical library of the late Professor Charlotte Angus Scott and the Germanic library of the late Professor Karl Detlev Jessen.

The library is open daily except Sundays from 8 A. M. to 10 P. M. and on Sunday from 9 A. M. to 10 P. M. Books may be taken out by the students unless specially reserved for library reference use.

The sum of over fifteen thousand dollars is expended yearly for books under the direction of the heads of the several collegiate departments and in addition to many gifts of single books, about thirty thousand dollars has been presented to the library during the past twenty years for expenditure in special departments.

Students may enjoy also the privileges of *Haverford College Library* and the following:

The *Library Company of Philadelphia*, which contains about 260,000 volumes, divided between the Locust Street Building and the Ridgway Branch. Its valuable collection of pamphlets is not included in the number of volumes as given above. The Library is open from 9 A. M. to 5.30 P. M. and is open to students for consultation freely during these hours. To take books from the building a deposit must be made or subscriptions will be received as follows: \$12.00 for one year, \$6.00 for six months, \$4.00 for three months.

The *Mercantile Library*, which contains about 215,000 volumes. Private subscription, \$6.00 a year for two separate works at a time.

The *Library of the Academy of Natural Sciences*, which contains about 90,000 volumes. The Council of the Academy has generously conceded the use of its library and of its museum to the students of Bryn Mawr College.

The *Library of the University of Pennsylvania*, which contains about 550,000 volumes and 50,000 pamphlets. The custodians of this library have always been liberal in extending to the College inter-library loan courtesies.

The *Free Library of Philadelphia*, which contains over 625,000 volumes and 415,000 pamphlets and unbound documents and is at all times open to the students for consultation.

The *American Philosophical Society Library*, which contains about 70,000 volumes, admission by card from a member.

The *Historical Society of Pennsylvania Library*, which contains over 150,000 bound volumes and 250,000 pamphlets, is for reference only. The collection of manuscripts is one of the best in the country, comprising 7,000 volumes containing over 1,000,000 items. Every courtesy is extended to members of the college and students and members of the Faculty are specially invited to all lectures delivered at the Library.

Over six hundred publications and reviews in the English, Greek, French Italian, Spanish, German and Swedish languages, are received by the library, as follows:

General and Miscellaneous Periodicals

American Mercury.	Library Journal
*Amherst Graduates' Quarterly.	Library Quarterly.
Asia.	Literary Digest.
Atlantic Monthly.	Living Age.
Berlin. Preuss. Akademie der Wissen- schaften Sitzungsberichte.	London Mercury.
Bookman.	Mercure de France.
Bookman (English).	Munich. Bayer. Akademie der Wissen- schaft. Abhandlungen und Sitzungs- berichte.
Book Review Digest.	Musical Quarterly.
Books Abroad.	Nation, N. Y.
Bookseller.	Neue Rundschau.
*Bryn Mawr Alumnae Bulletin.	New Republic.
Bulletin of Bibliography.	New Statesman and Nation.
*Bulletin of the New York Public Library.	New York Times Index.
China Weekly Review.	Nineteenth Century.
Congressional Digest.	North American Review. ¹
Connoisseur.	Nouvelle Revue Française.
Contemporary Review.	Nuova Antologia.
Cumulative Book Index	Outlook
Deutsche Rundschau.	Philadelphia Symphony Orchestra Pro- gram.
Drama.	Preussische Jahrbücher.
English Review.	Public Affairs Information Service Bulletin.
Foreign Affairs.	Publishers' Weekly.
Fortnightly Review	Punch.
Forum and Century.	Quarterly Review.
Gaceta Literaria	Reader's Guide to Periodical Literature.
Göttingen. Gesellschaft der Wissen- schaften. Abhandlungen und Nach- richten.	Review of Reviews.
Göttingische Gelehrte Anzeigen.	Revista de Occidente.
Harper's Monthly Magazine.	Revue Belge de Philologie et d'Histoire.
Hound and Horn.	Revue Critique d'Histoire et de Littér- ature.
Illustrated London News.	Revue de France.
L'Illustration.	Revue de Paris.
International Index to Periodicals.	Revue des Cours et Conférences.
Jahresverzeichniss der an den deutschen Universitäten und Technischen Hoch- schulen erschienenen Schriften.	Revue des Deux Mondes.
Leipzig. Säch. Akademie der Wissen- schaften. Abhandlungen und Berichte.	

* Presented by the Publishers

Revue Politique et Littéraire; Revue Bleue.	Theater Arts Monthly.
Saturday Review, London.	*University of Missouri, Studies.
Saturday Review of Literature, N. Y.	*University of Nebraska, Studies.
Scientia.	*University of Texas, Studies.
Scribners Magazine.	*University of Washington, Studies.
Sewanee Review.	Westermann's Monatshefte.
*Southern Workman.	World's Work.
Spectator.	Yale Review.
	Zeitschrift für Ästhetik.

Newspapers

*College News, Bryn Mawr.	Le Temps.
El Sol.	New York Times.
*Home News, Bryn Mawr.	Philadelphia Ledger.
London Times.	United States Daily.

Art and Archaeology

Acropole.	Dedalo.
American Academy in Rome, Memoirs.	Eastern Art.
American Journal of Archæology.	Emporium.
Die Antike.	Gazette des Beaux Arts.
Antiquity.	Hesperia.
Archæologike Ephemeris.	Jahrbuch der preussischen kunstsammlun- gen.
Archiv für Orientforschung.	Jahrbuch des Archäologischen Institute.
Archiv für Papyrusforschung.	Jahreshefte des Österreichischen Archäo- logischen Instituts in Wien.
Archivo espanol de Arte y Arqueologia.	Journal international d'archéologie numis- matique.
Art and Archæology.	Journal of Egyptian Archæology.
Art Bulletin.	Journal of Hellenic Studies.
Art Digest.	Mittheilungen des Deutschen Archæo- logischen Instituts, Athenische Abtei- lung und Römische Abteilung.
Art in America.	Monumenti Antichi.
Art Index.	Museum Journal.
L'Arte.	*Museum of Fine Arts Bulletin, Boston.
Beaux-Arts.	Notizie degli Scavi di Antichita.
Belvedere.	Parnassus.
Berliner Museen.	Repertorium für Kunstwissenschaft.
Boletin de la Sociedad Española a Excur- siones.	Revue archéologique.
British School at Athens, Annual.	Revue de l'art.
*Bulletin of the Cleveland Museum of Art.	Syria.
Bulletin of the Metropolitan Museum of Art, New York.	Zeitschrift des Deutschen Palästina Vereins.
*Bulletin of the Rhode Island School of Design.	Zeitschrift für bildende kunst.
Bulletino della Commissione archeo- logica comunale de Roma.	
Burlington Magazine.	

Economics and Politics

- *Advocate of Peace.
- All Opinions of the U. S. Supreme Court.
- *American Association for International Conciliation, Publications.
- American City.
- American Economic Review.
- American Federationist.
- American Journal of International Law.
- American Political Science Review.
- Annalist.
- Annals of the American Academy of Political and Social Science.
- Citizens' Business.
- Columbia Law Review.
- Commercial and Financial Chronicle.
- *Congressional Record.
- Economic Journal.
- Economist, London.
- Federal Reserve Bulletin.
- Good Government.
- Great Britain, Consolidated List of Parliamentary Publications.
- Harvard Business Review.
- Harvard Law Review.
- Jahrbücher für Nationalökonomie und Statistik.
- Johns Hopkins University Studies in Historical and Political Science.
- *Journal du Droit international.
- Journal of Comparative Legislation.
- Journal of Criminal Law.
- Journal of Economic and Business History.
- Journal of Political Economy.
- Journal of the Royal Statistical Society
- League of Nations Official Journal
- League of Nations Treaty Series.
- Municipal Review.
- National Municipal Review
- National Tax Association Bulletin.
- Paix par le Droit.
- Political Science Quarterly.
- Polybiblion; Revue Bibliographique.
- Proceedings of the Academy of Political Science.
- Public Administration.
- Public Management.
- Publications of the American Economic Association.
- Quarterly Journal of Economics.
- *Revue de Droit international.
- Revue General de Droit international.
- Revue Municipale.
- Short Ballot Bulletin.
- *U. S. Weekly Commerce Reports.
- Zeitschrift für Kommunal Wirtschaft.
- Zeitschrift für National Ökonomie.
- Zeitschrift für Öffentliches Recht.

Social Economy and Social Research

- *Advance.
- American Child.
- American Child Health Association, Transactions.
- *American Flint.
- American Journal of Public Health
- American Journal of Sociology.
- American Labor Legislation Review.
- American Management Association Publications.
- *Bakers' Journal.
- Better Times.
- Bibliographie der Socialwissenschaften
- *Bridgeman's Magazine.
- *Broom-makers' Journal.
- *Bulletin of the New York State Department of Labor.
- Bulletin of the Taylor Society.
- *Carpenter.
- *Chase Economic Bulletin.
- Child Health Bulletin.
- *Cigar Makers' Journal.
- *Commercial Telegraphers' Journal.
- *Electrical Workers' Journal.
- *Elevator Constructor
- Eugenics Review.
- Factory.
- Family.
- *Garment Worker.
- *Granite Cutters' Journal.
- Housing Betterment.
- Human Factor.
- Independent Woman.
- Industrial Arts Index.
- Industrial Bulletin.
- Information Service.
- *International Engineer.
- International Labour Office Publications.
- International Labour Review.
- *International Musician.
- *International Woodcarver.
- Journal of American Statistical Association.
- Journal of Heredity.
- Journal of Industrial Hygiene.
- Journal of Juvenile Research.
- Journal of Social Hygiene.
- Journal of Social Psychology.

- *Journeyman Barber.
Labor Advocate.
- *Labor Bulletin of the Massachusetts Bureau of Statistics
Labor News.
Labour Magazine.
Labour Monthly.
- *Law and Labor.
- *Leatherworkers' Journal.
L'Emancipation
Life and Labor Bulletin.
Locomotive Engineer's Journal.
- *Machinists' Monthly Journal
Mental Hygiene.
- *Metal Polishers' Journal.
Ministry of Labour Gazette.
Monthly Labor Review.
National Consumers' League.
National Conference of Social Work,
Bulletin and Proceedings.
New Leader.
- *Painter and Decorator.
- *Papermakers' Journal.
- *Pattermakers' Journal.
- *Paving Cutters' Journal.
Personnel.
- *Plasterer.
- *Plumbers, Gas and Steam Fitters Journal.
- *Public Health, Michigan.
- *Quarry Workers' Journal
- *Railroad Telegrapher.
- *Railway Carmen's Journal.
- *Railway Maintenance of Way Employee's Journal.
- Recreation.
- *Retail Clerks' International Advocate
Revue des Etudes Co-operative.
Revue Internationale de Sociologie.
- *Shoeworkers' Journal.
- *Shop Review.
Social Forces.
Social Science Abstracts.
Social Service Review.
Sociological Review.
Sociology and Social Research.
Specialty Salesman.
- *Stereotypers' and Electrotypers' Journal.
Survey
- *Tailor.
- *Teamsters', Chauffeurs', Stablemen and Helpers' Magazine.
- *Textile Worker.
- *Trade Union News.
- *Typographical Journal.
Union Labor Record.
- *U. S. Bureau of Immigration, Publications.
- *U. S. Bureau of Labor Statistics, Bulletin.
- *U. S. Bureau of the Census, Publications.
- *U. S. Children's Bureau, Publications.
- *U. S. Department of Health, Bulletin.
- *University of Illinois, Studies in Social Sciences.
- *University of Minnesota, Studies in Social Sciences.
Werdende Zeitalter.
World Association for Adult Education
Bulletin.
- *Woodcarver.

Education and Psychology

- American Journal of Ophthalmology.
- American Journal of Physiological Optics.
- American Journal of Psychology.
- Année psychologique.
- Archives de Psychologie.
- Archives of Psychology.
- Archiv für die gesammte Psychologie.
- British Journal of Educational Psychology.
- British Journal of Medical Psychology.
- British Journal of Psychology.
- Bulletin de l'Institut Psychologique.
- Child Development Abstracts.
- Childhood Education.
- Comparative Psychology Monographs.
Education.
- Education Index.
- Educational Administration.
- Educational Record.
- Elementary School Journal.
- Genetic Psychology Monographs.
- Harvard Monographs in Education.
- Industrial Education Magazine.
- Journal de Psychologie.
- Journal für Psychologie und Neurologie.
- Journal of Abnormal and Social Psychology.
- Journal of Applied Psychology.
- Journal of Comparative Psychology.
- Journal of Educational Psychology.
- Journal of Educational Research.
- Journal of Experimental Psychology.
- Journal of General Psychology.
- Journal of Higher Education.
- Journal of the American Association of University Women.
- Lehrproben und Lehrgänge.

* Presented by the Publishers.

National Education Association, Publications.
 National Society for the Study of Education, Yearbook.
 Pedagogical Seminary.
 Proceedings of the Society for Psychological Research.
 Progressive Education.
 Psychological Abstracts.
 Psychological Bulletin.
 Psychological Clinic.
 Psychological Review.
 Psychological Review; Monograph Supplements.
 Psychological Review. Psychological Index.
 Psychologische Arbeiten.
 Psychologische Forschung.
 Review of Educational Research.
 Revue International de l'Enseignement Supérieur.

Revue Universitaire.
 School and Society.
 School Review.
 Supplementary Education Monographs.
 Teachers' College Contributions to Education.
 Teachers' College Record.
 Teacher's Journal and Abstract.
 U. S. Bureau of Education, Bulletin.
 University of California Publications, Education.
 Zeitschrift für angewandte Psychologie.
 Zeitschrift für pädagogische Psychologie.
 Zeitschrift für Psychologie und Physiologie der Sinnesorgane: 1. Abt., Zeitschrift für Psychologie. 2. Abt., Zeitschrift für Sinnesphysiologie.

History

American Historical Association, Reports.
 American Historical Review.
 Bulletin of the Institute of Historical Research.
 Camden Society, Publications.
 Current History.
 Economic History Review.
 English Historical Review.
 Great Britain, House of Commons, Parliamentary Debates.
 Historical Manuscripts Commission, Reports.
 Historische Vierteljahrschrift.
 Historische Zeitschrift.

History.
 *Illinois State Historical Society Journal.
 Journal of Modern History.
 Klio, Beiträge zur alten Geschichte.
 Mississippi Valley Historical Review.
 Pipe Roll Society, Publications.
 Révolution française.
 Revue des Questions historiques.
 Revue historique.
 Round Table.
 Royal Historical Society, Transactions.
 Selden Society, Publications.
 Surrey Record Society, Publications.

Philology and Literature, Classical

Ægyptus.
 Bulletin de Correspondance hellénique.
 Classical Journal.
 Classical Philology.
 Classical Quarterly.
 Classical Review.
 Classical Weekly.
 Eranos.
 Glotta.
 Gnomon.
 Harvard Studies in Classical Philology.
 Hermes.
 Jahresbericht über die Fortschritte der klassischen Altertumswissenschaft.
 Journal of Roman Studies.
 Klio.

Mnemosyne.
 Neue Jahrbücher für Wissenschaft und Jugendbild.
 Philologische Wochenschrift.
 Philologus.
 Revue de Philologie.
 Revue des Études grecques.
 Rheinisches Museum für Philologie.
 Rivista di Filologia.
 Sokrates.
 Studi Italiani di Filologia classica.
 Studi Storici per l'Antichità classica.
 Wiener Studien, Zeitschrift für klassische Philologie.
 Year's Work in Classical Studies

Philology and Literature, General and Comparative

Aeta Philologica Scandinavica.
 American Journal of Philology.
 Archiv für das Studium der neueren Sprachen.
 Arkiv for Nordisk Filologi.
 Dialect Notes.
 Indogermanische Forschungen.
 Journal of English and Germanic Philology.
 Journal of Philology.
 Neophilologus.
 Philologica

Philological Quarterly
 Philological Society, London, Publications
 Revue Celtique.
 Revue de Linguistique Romane.
 Studia Neophilologica.
 Studies in Philology.
 Transactions of the American Philological Association.
 Zeitschrift für romanische Philologie.
 Zeitschrift für vergleichende Sprachforschung.

Philology and Literature, Modern

American Literature.
 Anglia.
 Archivum Romanicum.
 Beiblatt zur Anglia.
 Beiträge zur Geschichte der deutschen Sprache und Literatur.
 Bibliographical Society of America, Publications.
 Bibliographical Society of London, Transactions
 Bonner Studien zur englischen Philologie.
 British Society of Franciscan Studies.
 Bulletin du Bibliophile.
 Bulletin hispanique
 Bulletin of Spanish Studies.
 Chaucer Society Publications (both series).
 Critica.
 (La) Cultura.
 Deutsche Literaturzeitung.
 Deutsche Texte des Mittelalters.
 Early English Text Society, Publications (both series).
 Englische Studien.
 English Journal.
 Euphorion.
 Forschungen zur neueren literaturgeschichte.
 Germanic Review.
 Germanisch-romanische Monatsschrift.
 Giornale critico della filosofia Italiana.
 Giornale Dantesco.
 Giornale Storico della Letteratura italiana.
 Goethe Jahrbuch.
 Henry Bradshaw Society, Publications.
 Hispania.
 Jahrbuch der Deutschen Shakespeare Gesellschaft.
 Jahrbuch des Vereins für niederdeutsche Sprachforschung.
 Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie.
 Language, journal.

L'Italia che scriva.
 Literarisches Centralblatt.
 Literatur.
 Literaturblatt für germanische und romanische Philologie.
 Malone Society, Publications.
 Marzocco.
 Materialien zur Kunde des älteren englischen Dramas.
 Modern Language Journal.
 Modern Language Notes.
 Modern Language Review.
 Modern Languages.
 Modern Philology.
 Muttersprache.
 Notes and Queries.
 Palaestra.
 Poet-lore.
 Praeger deutsche Studien.
 Publications of the Modern Language Association.
 Quellen und Forschungen zur Sprach- und Kulturgeschichte der germanischen Völker.
 Rassegna Bibliografica.
 Review of English Studies.
 Revista de Filologia Española.
 Revista de Occidente.
 Revista de Estudios Hispánicos.
 Revue des Langues Romanes.
 Revue de Litterature Comparée.
 Revue de Philologie Française.
 Revue d'Histoire Littéraire de la France.
 Revue Germanique.
 Revue Hebdomadaire.
 Revue Hispanique.
 Romania.
 Romanic Review
 Romanische Forschungen.
 Scottish Text Society, Publications.
 Société des Anciens Textes Français, Publications.

Société des Textes Français Modernes,
Publications.
Speculum.
Studien zur englischen Philologie.
Wiener Beiträge zur englischen Philologie.
The Writer.
Yale Studies in English.
Year's Work in English Studies.

Zeitschrift für celtische Philologie.
Zeitschrift für Deutschkunde.
Zeitschrift für deutsche Philologie.
Zeitschrift für deutsches Altertum und
deutsche Litteratur.
Zeitschrift für französische Sprache und
Litteratur.

Philology and Literature, Semitic

American Journal of Semitic Languages
and Literatures.
Jewish Quarterly Review.
Journal of the Royal Asiatic Society.

Journal of the Society of Oriental Research.
Zeitschrift für ägyptische Sprache und
Altertumskunde.
Zeitschrift für Assyriologie.

Philosophy and Religion

American Friend.
*American Hebrew.
Angelos.
Anglican Theological Review.
Annalen der Philosophie.
Archiv für Geschichte der Philosophie.
Archiv für Religionswissenschaft.
Archiv für systematische Philosophie.
Bulletin de la Société Française de Phil-
osophie.
Christian Faith.
*Christian Register.
Expository Times.
Harvard Theological Review.
Hibbert Journal.
International Journal of Ethics.
Journal of Biblical Literature.
Journal of Philosophy.
Journal of Religion.
Journal of Theological Studies.

Mind.
Monist.
Philosophical Review.
Philosophy.
Proceedings of the Aristotelian Society.
*Publications of the American Jewish
Historical Society.
Religious Education.
Revue biblique.
Revue d'histoire de la Philosophie.
Revue de l'histoire de Religions.
Revue de Métaphysique.
Revue philosophique.
*Spirit of Missions.
*Woman's Missionary Friend.
Zeitschrift für Alttestamentliche Wissen-
schaft.
Zeitschrift für die Neutestamentliche Wis-
senschaft.

Science, General

American Journal of Science.
Atti della Reale Accademia delle Scienze
di Torino.
British Association for the Advancement
of Science, Reports.
Comptes Rendus des Séances de l'Ac-
adémie des Sciences.
Journal of Scientific Instruments.
Journal of the Washington Academy of
Sciences.
*Kansas University, Science Bulletin.
Nature.
Naturwissenschaften.
*New York State Museum Bulletin.
Philosophical Magazine.

Philosophical Transactions of the Royal
Society of London.
Proceedings of the American Philosophical
Society.
Proceedings of the National Academy of
Sciences.
Royal Society of London Proceedings,
series A and B.
Science.
Scientific American.
Scientific Monthly.
*U. S. National Museum, Publications.
*University of Missouri Studies, Sciences
Series.

Science, Biology

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| <p>American Journal of Anatomy.
 American Journal of Physiology.
 American Naturalist.
 Anatomischer Anzeiger.
 Archiv für die gesammte Physiologie.
 Archiv für Entwicklungsmechanik.
 Archiv für Protistenkunde.
 Biochemical Journal.
 Biochemische Zeitschrift.
 Biologisches Centralblatt.
 Botanisches Centralblatt.
 Genetics.
 *Illinois Biological Monographs.
 Jahrbücher für wissenschaftliche Botanik.
 Journal de Physiologie.
 Journal of Biological Chemistry.
 Journal of Experimental Medicine.
 Journal of Experimental Zoölogy.
 Journal of General Physiology.
 Journal of Genetics.
 Journal of Morphology.
 Journal of Physiology.</p> | <p>Journal of the Royal Microscopical Society.
 *Midland Naturalist.
 Physiological Abstracts.
 Physiological Reviews.
 Physiological Zoölogy.
 Quarterly Journal of Microscopical Science.
 *U. S. Public Health Service, Publications.
 *University of California Publications, Physiology.
 *University of California Publications, Zoölogy.
 *University of Toronto Studies, Biological Series.
 *University of Toronto Studies, Physiological Series.
 Zeitschrift für Physiologische Chemie.
 Zeitschrift für wissenschaftliche Zoologie.
 Zeitschrift für Zellforschung und mikroskopische Anatomie.
 Zoologischer Anzeiger.</p> |
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Science, Geology and Geography

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| <p>American Association of Petroleum Geologists. Bulletin.
 American Mineralogist.
 Annales de Geographie.
 Annotated Bibliography of Economic Geology.
 Bulletin of the Geographical Survey of Philadelphia.
 Bulletin of the Geological Society of America.
 Centralblatt für Mineralogie
 Economic Geography.
 Geographical Journal.
 Geological Magazine.
 Geologisches Centralblatt.
 *Illinois Geological Survey Bulletin.</p> | <p>Journal of Geology.
 Journal of Sedimentary Petrology.
 Meteorologische Zeitschrift.
 Mineralogical Magazine.
 Mineralogische und Petrographische Mitteilungen.
 National Geographic Magazine
 Neues Jahrbuch für Mineralogie, Geologie und Paläontologie.
 Pan-American Geologist.
 Quarterly Journal of the Geological Society.
 Revue de Geologie.
 *U. S. Monthly Weather Review.
 *University of Toronto Studies, Geological Series.</p> |
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Mathematics, Chemistry and Physics

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| <p>Acta Mathematica.
 American Journal of Mathematics.
 American Mathematical Monthly.
 Annalen der Chemie.
 Annalen der Physik.
 Annales de Chimie.
 Annales de l'Institut Henri Poincaré.
 Annales de Physique.
 Annales des Sciences de l'Université de Toulouse.</p> | <p>Annales scientifiques de l'Ecole Normale Supérieure.
 Annali di Matematica.
 Annals of Mathematics.
 Astrophysical Journal.
 Berichte der deutschen chemischen Gesellschaft.
 Bollettino di Matematica.
 British Chemical Abstracts.
 Bulletin de la Société Chimique de France.</p> |
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- Bulletin de la Société mathématique.
 Bulletin des Sciences mathématiques.
 Bulletin of the American Mathematical Society.
 Chemical Reviews.
 Chemisches Zentralblatt.
 Faraday Society Transactions.
 Giornale di Matematiche.
 Helvetica Chimica Acta.
 Jahrbuch der Chemie.
 Jahrbuch über die Fortschritte der Mathematik.
 Jahresbericht der deutschen Mathematiker Vereinigung.
 Journal de Chimie physique.
 Journal de Mathématiques.
 Journal de Physique et de le Radium.
 Journal für die reine und angewandte Mathematik.
 Journal für praktische Chemie.
 Journal of Physical Chemistry.
 Journal of the American Chemical Society.
 Journal of the London Chemical Society.
 Journal of the Optical Society.
 Kolloidzeitschrift.
- Mathematische Annalen.
 Mathematische Zeitschrift.
 Monatshefte für Chemie.
 Physical Review.
 Physikalische Zeitschrift.
 Proceedings of the London Mathematical Society.
 Quarterly Journal of Mathematics.
 Recueil des Travaux Chimique des Pays-Bas.
 Rendiconti del Circolo Matematico di Palermo.
 Review of Scientific Instruments.
 Reviews of Modern Physics.
 Revue Semestrielle de Publications Mathématiques.
 Science Abstracts.
 Transactions of the American Mathematical Society.
 U. S. Bureau of Standards Journal of Research.
 Zeitschrift für anorganische Chemie
 Zeitschrift für Elektrochemie.
 Zeitschrift für Physik.
 Zeitschrift für physikalische Chemie.
 Zentralblatt für Mathematik.

LIST OF DISSERTATIONS

PUBLISHED BY STUDENTS WHO HAVE OBTAINED THE DEGREE OF
DOCTOR OF PHILOSOPHY FROM BRYN MAWR COLLEGE

- ADAMS,* LOUISE ELIZABETH WHITEHALL. A study in the Commerce of Latium from the early Iron Age through the sixth century B. C., 84 p., O. Menasha, Wisconsin, The George Banta Publishing Company, 1921.
- ALBERTSON, MARY. London Merchants and Their Landed Property During the Reign of the Yorkists. 107 p., O. The John C. Winston Company, Philadelphia. 1932.
- ALLARD,† BEATRICE. A contribution to the study of the Moral Practices of certain social groups in Ancient Mesopotamia. 90 p., O. Leipzig, W. Drugulin. 1921.
- ALMACK, MARY RUTH.§ A Quantitative Study of Chromatic Adaptation. v + 119 p., O. 1928.
- AMES, MARION A. An Electrochemical Comparison of Certain Cyclic Nuclei. 34 p., O. Mack Printing Company, Easton, Pennsylvania. 1927.
- BARTLETT, HELEN. The Metrical Division of the Paris Psalter. 49+[1] p., O. Baltimore, The Friedenwald Company. 1896.
- BILLS, MARION ALMIRA. The Lag of Visual Sensation in its Relation to Wave-Lengths and Intensity of Light. 101 p., O.
Reprint from *Psychological Monographs* No. 127, Psychological Review Co., Princeton, N. J. December, 1920.
- BLISS,‡ ELEANORA F., AND JONAS, ANNA I. Relation of the Wissahickon Mica-Gneiss to the Shenandoah Limestone and to the Octoraro Mica-Schist of the Doe Run-Avondale District, Coatesville, Quadrangle, Pennsylvania. 64 p., O. February, 1914.
- BORING, ALICE MIDDLETON. A Study of the Spermatogenesis of Twenty-two Species of the Membracidae, Jassidae, Cercopidae and Fulgoridae. p. 470-512, O. 9 pl. Baltimore. 1907.
Reprint from *Journal of Experimental Zoology*, vol. 4, No. 4.
- BOURLAND, CAROLINE BROWN. Boccaccio and the Decameron in Castilian and Catalan Literature. 233 p., O. 5 pl. New York, Paris, Macon, Protat Frères. 1905.
Reprint from *Revue Hispanique*, t. xii.
- BOWERMAN, HELEN COX. Roman Sacrificial Altars. An Archæological Study of Monuments in Rome. 101 p., O. 11 pl. Lancaster, Pennsylvania. The New Era Printing Company. 1913.

* Mrs. Leicester Bodine Holland.

† Mrs. Beatrice A. Brooks.

§ Mrs. Raymond H. Carpenter.

‡ Mrs. Adolph Knopf.

- BREED, MARY BIDWELL. *The Polybasic Acids of Mesitylene*. 31+[1] p., O. Baltimore, The Friedenwald Company. 1901.
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- DU FOUR, MARY JOHNSTONE.....*Graduate Student in Latin and Classical Archaeology*
Wayne, Pa. A.B. Bryn Mawr College 1927; M.A. University of Pennsylvania 1928.
Teacher of Latin, Ogontz School, Rydal, Pa., 1928-29; Teacher of Latin, St. Agnes
School, Albany, N. Y., 1929-31.
- FERNON, ELLEN WATSON.....*Graduate Student in History*
Frankford, Pa. A.B. Swarthmore College 1931. Teacher of History, the Misses Kirk's
School, 1931-32.
- FRAME, MAUDE MELVINA.....*Graduate Student in Philosophy and History of Art*
Philadelphia, Pa. A.B. University of Pennsylvania 1927. Reader and Graduate Student
in Philosophy, Bryn Mawr College, 1928-30; Graduate Scholar in Philosophy (non-
resident), 1930-31; Reader in Philosophy, 1931-32.
- GALLAND, GEORGETTE CÉLINE.....*Graduate Student in French*
Haverford, Pa. A.B. Western College 1923; M.A. Mount Holyoke College 1924. Univer-
sity of Paris, 1925-29; Licence d'Anglais, 1929; Teacher of French, Shipley School,
1929-30, 1931-32.
- GEST, LILLIAN.....*Graduate Student in Social Economy*
Merion, Pa. A.B. Vassar College 1919; M.A. University of Pennsylvania 1931.
- GRANT, ANNA MARGARET CATHERINE.....*Graduate Student in Mathematics and Physics*
Moncton, Canada. A.B. Dalhousie University 1925. Teacher, St. Hilda's School,
Calgary, Ottawa, 1926-27; Teacher, Kemper Hall, Kenosha, Wis., 1927-29; Teacher,
Miss Fine's School, Princeton, N. J., 1929-31.

* Mrs. René Daudon.

HARRIS, MARION COMLY. *Graduate Student in Education*
 Moylan, Pa. A.B. Swarthmore College 1929. Assistant Nursery School Teacher, Wash-
 ington Child Research Center, 1930-31; Pre-School Teacher, Haverford Friends School,
 1931-32.

HART,* HENRIETTA RUHSEBERGER. *Graduate Student in Spanish*
 Portsmouth, O. A.B. Miami University 1918; M.A. Indiana University 1925. Fellow in
 Romance Languages, Bryn Mawr College, 1926-27; Teacher of Romance Languages,
 Boone High School, Boone, Iowa, 1918-20 and High School, New Albany, Ind. 1920-21;
 Instructor in Romance Languages, Hood College, 1921-23 and Assistant Professor,
 1923-24; Professor of Romance Languages, Atlantic Christian College, 1925-26;
 Adjunct Professor of Romance Languages, Randolph-Macon Woman's College, 1927-29;
 Assistant Professor of Romance Languages, Monmouth College, 1930-31.

HUMRICHOUSE, ANN STOCKTON. *Graduate Student in French, Sem. II*
 Ithan, Pa. A.B. Bryn Mawr College 1931.

HUPFEL, MAGDALEN GLASER. *Graduate Student in History, Sem. I*
 New Haven, Conn. A.B. Bryn Mawr College 1928. Bond Department of the Guaranty
 Company of New York, six months in 1928, 1930; Division Head, National Bank,
 Beacon, New York, three months in 1930; Warden of Denbigh Hall, Bryn Mawr College,
 1930-32.

HURST, FLORA ELIZABETH. *Graduate Student in Social Economy*
 Vancouver, B. C. A.B. University of British Columbia 1928. Teacher, Dawson Public
 School, Vancouver, 1922-26 and in the Templeton Junior High School, Vancouver,
 1928-29. Grace H. Dodge Scholar in Social Economy, Bryn Mawr College, 1929-31;
 Research Assistant in Social Economy, 1931-32.

JENNINGS, † GERTRUDE SANDERS. *Graduate Student in Education, Sem. I*
 Indianapolis, Ind. B.S. Teachers College, Columbia University, 1930. Teacher in Ele-
 mentary Schools, 1926-30; Teacher, Haverford Friends School, 1931-32.

LEE, FRANCES McDANNOLD. *Graduate Student in Politics, Sem. I*
 Leesburg, Va. A.B. Bryn Mawr College 1930. Graduate Student, Yale University,
 1930-31.

LEVY, RUTH. *Graduate Student in Classical Archaeology and History of Art*
 Philadelphia, Pa. A.B. Bryn Mawr College 1931 and M.A. 1932.

LINN, MARY BETTINA. *Graduate Student in Economics and Politics*
 Philadelphia, Pa. A.B. Bryn Mawr College 1926 and M.A. 1927. Student, London School
 of Economics, Oct., 1927-June, 1928; Graduate Student, Bryn Mawr College, 1930-31;
 Part-time Reader in Economics, 1930-32.

LITZENBERGER, MAE EDNA. *Graduate Student in Education*
 Bryn Mawr, Pa. A.B. Mount Holyoke College 1924; B.S. in Library Science Simmons
 College 1925. Graduate Student, Bryn Mawr College, 1927-29; Assistant Cataloguer,
 Bryn Mawr College Library, 1925-32.

McCLURE, FRANCES LOUISE
Graduate Student in Classical Archaeology and History of Art
 Wheeling, W. Va. A.B. Mount Holyoke College 1931; M.A. Bryn Mawr College 1932.
 Holder of a Joseph A. Skinner Fellowship from Mount Holyoke College, 1931-32.

MILLER, † TODD MACGOWAN. *Graduate Student in Education*
 Narberth, Pa. A.B. Vassar College 1920. Graduate Student in Psychology, Bryn Mawr
 College, 1929-31.

NILES, OLIVE STAFFORD. *Graduate Student in English and French*
 Bennington, Vt. A.B. Mount Holyoke College 1930. M.A. Bryn Mawr College 1931.
 Graduate Scholar in English, Bryn Mawr College, 1930-31, Reader in English, 1931-32.

NORTON, ELIZABETH HOWARD. *Graduate Student in History of Art*
 Cambridge, Mass. A.B. Bryn Mawr College 1927; M.A. Radcliffe College 1929. Grad-
 uate Student in History of Art, Bryn Mawr College, 1930-31 and Part-time Instructor
 in History of Art, 1930-32.

PALMER, MARGARET GAYLEY. *Graduate Student in German*
 Philadelphia, Pa. A. B. Wilson College 1927; B.S. in Library Science, Drexel Institute, 1930.
 Graduate Student, Bryn Mawr College, 1930-31; Assistant, Bryn Mawr College Library,
 1930-32.

* Mrs. Paul J. Hart.

† Mrs. Gertrude Sanders Jennings.

‡ Mrs. H. K. Miller, Jr.

- PEEK, KATHERINE MARY. *Graduate Student in English*
Moline, Ill. A.B. Bryn Mawr College 1922 and M.A. 1929. Instructor in English, Bryn Mawr College, 1925-27; Warden of Merion Hall, Bryn Mawr College, 1927-30; Warden of Pembroke Hall, 1931-32.
- POKRANTZ, ELSIE. *Graduate Student in German*
Tilton, Iowa. A.B. Coe College 1918; M.A. University of Nebraska 1924. Teacher, Iowa High Schools, 1918-22; Instructor in German and French and Graduate Student, University of Nebraska, 1922-24; Head of Modern Languages Department, McPherson College, McPherson, Kansas, 1924-26; Instructor in German and Graduate Student, University of Nebraska, 1926-29; Graduate Student, University of Chicago, 1929-30. Instructor in German and Graduate Student, Bryn Mawr College, 1930-32.
- PUNDERSON, DOROTHY MARY. *Graduate Student in Italian and Spanish*
St. Paul, Minn. A.B. Vassar College 1923. Graduate Student, Columbia University, 1927-28; Graduate Student, University of Minnesota, 1928-1929; Graduate Student, University of Chicago, 1929-31; Teacher of French, Art, English, History, Oak Hall School, St. Paul, Minn., 1925-26; Teacher of French, Summit School, St. Paul, Minn., 1926-27; Part-time Instructor in Italian, Bryn Mawr College, 1931-32.
- QUANTIUS, LUCENA. *Graduate Student in Psychology*
McPherson, Kan. A.B. Kansas University 1931.
- ROBINSON, CATHERINE PALMER. *Graduate Student in French*
New York City. A.B. Bryn Mawr College 1920 and M.A. 1921. Scholar in French, Bryn Mawr College, 1920-21; Teacher, Rosemary Hall, Greenwich, Conn., 1921-22; Student at the Sorbonne, 1922-23; Marine Insurance, 1924-29; Secretary to the Dean of the Graduate School and Senior Resident of Radnor Hall, Bryn Mawr College, 1929-32 and Graduate Student, 1929-31.
- SHAW, ANNA M. *Graduate Student in Chemistry*
Lansdowne, Pa. B.S. in Education University of Pennsylvania 1923; M.A. Bryn Mawr College 1932. Secretary to Principal, Linden Hall, 1925-27; Teacher of Sciences, Linden Hall, 1927-31.
- SONNE, VESTA McCULLY. *Graduate Student in Education*
Burlingame, Calif. A.B. Mills College 1929. Graduate Assistant to Dean of Residence in Freshman Dormitory, Mills College, 1929-30; Teacher in Thorne School and Graduate Student, Bryn Mawr College, 1930-31. Secretary, Y. W. C. A., 1930-32.
- STEARNS, ISABEL SCRIBNER. *Graduate Student in Philosophy*
Manchester, N. H. A.B. Smith College 1931. Part-time Assistant in the Library, Bryn Mawr College, 1931-32.
- STEVENS, HELEN BARBARA. *Graduate Student in Education*
Philadelphia, Pa. B.S. in Education University of Pennsylvania 1925; M.A. Bryn Mawr College 1932. Assistant in the Office of the Secretary and Registrar, Bryn Mawr College, 1925-32. Graduate Student in Education, Bryn Mawr College, 1929-31.
- STOKES,* MAY EGAN. *Graduate Student in French*
Huntingdon Valley, Pa. A.B. Bryn Mawr College 1911 and M.A. 1932. Graduate Student in French, Bryn Mawr College, 1929-31.
- TAYLOR, † IRMGARD WIRTH. *Graduate Student in German*
Media, Pa. M.A. University of Pennsylvania 1930; University of Tübingen, 1917-18; University of Marburg, 1918-19; University of Frankfurt, 1919-21; University of Pennsylvania, 1925-26, 1929-31; Worker of the American Friends Service Committee Relief, 1920-21; Teacher, Rosevalley School, 1930-32; Part-time Instructor in German, Bryn Mawr College, 1931-32.
- TERZIAN, ‡ MARY MANGIGIAN. *Graduate Student in Politics, Sem. II*
Bryn Mawr, Pa. B.S. University of Pennsylvania 1927 and M.A. 1929. Student, Post-graduate Institute of Higher International Studies, 1929-31; University of Geneva, 1930-31.
- VASTINE, DOROTHY SHARPLESS. *Graduate Student in History*
Bloomsburg, Pa. A.B. Mount Holyoke College 1930; M.A. Bryn Mawr College 1932.
- WAKEMAN, § GENEVIEVE BARTLETT. *Graduate Student in English*
Narberth, Pa. A.B. Vassar College 1922. Graduate Student, Yale University, 1923-25; Instructor in English, Vassar College, 1929-30; Instructor in English, Bryn Mawr College, 1930-32.

* Mrs. J. Stogdell Stokes.

‡ Mrs. Sarkes Terzian.

† Mrs. Robert G. Taylor.

§ Mrs. A. M. Wakeman.

WATSON,* AMEY EATON.....*Graduate Student in Education*
 Haverford, Pa. A.B. Pembroke College in Brown University 1907; M.A. University of Pennsylvania 1910; Ph.D. Bryn Mawr College 1924. Teacher, Miss Wheeler's Private School, 1907-08; Social Worker, New York Association for Improving the Condition of the Poor, 1908-09; Eugenics Research Worker, Eugenics Record Office, Cold Spring Harbor and Eugenics Research worker, Agricultural College, Logan, Utah, 1910-12; Instructor in the Department of Social Sciences, University of Utah, 1912-13; Member of the Faculty, Pennsylvania School for Social and Health Work, 1918-26; Executive Secretary, Parents' Council, Philadelphia, 1925-26; Executive Secretary, Philadelphia Council on Household Occupations, 1927-29; Director, National Committee on Employer-Employee Relationships in the Home, 1929-31 and Member, 1931-32.

WELLS,† STELLA DUERINGER.....*Graduate Student in German*
 Bryn Mawr, Pa. B.S. Northwestern University 1915; M.A. Bryn Mawr College 1931. Teacher of German, Township High School, Lawrenceville, Ill., 1915-17; Executive Secretary, Y. W. C. A., Chicago and Detroit, 1917-22; Graduate Student, Radcliffe College, 1922-23; Graduate Student in German, Bryn Mawr College, 1925-27, 1929-31. Student, University of Berlin, 1927-28; Tutor in German, the Baldwin School, Bryn Mawr, Pa., 1929-30.

WOLLNER,‡ MARY HAYDEN BOWEN.. *Graduate Student in French, Sem. II*
 Bryn Mawr, Pa. A.B. Vassar College 1927; Diplôme de Hautes Etudes, University of Grenoble, 1928; Teacher of English, Thorne School, 1930-31.

WOODWORTH, ALEGRA.....*Graduate Student in History*
 Bryn Mawr, Pa. A.B. Bryn Mawr College 1925 and M.A. 1931. Teacher of History and Algebra, The Ethel Walker School, Simsbury, Conn., 1925-27; Teacher of History, The Shipley School, Bryn Mawr, 1927-32. Graduate Student, Bryn Mawr College, 1927-31.

WOODWORTH, MARY KATHARINE.....*Graduate Student in English*
 Bryn Mawr, Pa. A.B. Bryn Mawr College 1924 and M.A. 1927. Teacher in the Thorne School, and Graduate Student, Bryn Mawr College, 1925-29. Graduate Student, University of London, 1929-30. Instructor in English and Graduate Student, Bryn Mawr College, 1930-32.

WRIGHT, EDITH ARMSTRONG.....*Graduate Student in French and Latin*
 St. Davids, Pa. A.B. Mount Holyoke College 1927; B.S. in L.S. Drexel Institute 1928; M.A. Bryn Mawr College 1930. Assistant, Bryn Mawr College Library, 1928-29; Graduate Student in French, Bryn Mawr College, 1929-31.

SUMMARY OF GRADUATE STUDENTS

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Resident Fellows.....	23
Scholars and Fellows by Courtesy.....	2
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Total.....	117

* Mrs. Frank D. Watson.

† Mrs. Roger H. Wells.

‡ Mrs. Erwin Wollner.



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BRYN MAWR COLLEGE

CALENDAR

UNDERGRADUATE COURSES

1933

BRYN MAWR, PENNSYLVANIA

Published by Bryn Mawr College

Vol. XXVI. Number 1. May, 1933.

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Pennsylvania, under Act of July 16, 1894.*

BRYN MAWR COLLEGE CALENDAR

1933

- Number 1. Undergraduate Courses.
- Number 2. Graduate Courses.
- Number 3. The Library and Halls of Residence,
Plans and Descriptions.
- Number 4. Finding List.

BRYN MAWR COLLEGE

1933							1934							1935																				
JULY							JANUARY							JULY							JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
2	3	4	5	6	7	1	7	8	9	10	11	12	13	1	2	3	4	5	6	7	6	7	8	9	10	11	12	1	2	3	4	5	6	7
9	10	11	12	13	14	15	14	15	16	17	18	19	20	8	9	10	11	12	13	14	13	14	15	16	17	18	19	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27	15	16	17	18	19	20	21	20	21	22	23	24	25	26	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	31				22	23	24	25	26	27	28	27	28	29	30	31			28	29	30	31			
30	31													29	30	31																		
AUGUST							FEBRUARY							AUGUST							FEBRUARY							AUGUST						
6	7	1	2	3	4	5	4	5	6	7	8	9	10	5	6	7	8	9	10	11	3	4	5	6	7	8	9	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17	12	13	14	15	16	17	18	10	11	12	13	14	15	16	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24	19	20	21	22	23	24	25	17	18	19	20	21	22	23	18	19	20	21	22	23	24
27	28	29	30	31			25	26	27	28				26	27	28	29	30	31		24	25	26	27	28	29	30	25	26	27	28	29	30	31
SEPTEMBER							MARCH							SEPTEMBER							MARCH							SEPTEMBER						
3	4	5	6	7	8	1	4	5	6	7	8	9	10	2	3	4	5	6	7	8	3	4	5	6	7	8	9	8	9	10	11	12	13	14
10	11	12	13	14	15	16	11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16	15	16	17	18	19	20	21
17	18	19	20	21	22	23	18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23	22	23	24	25	26	27	28
24	25	26	27	28	29	30	25	26	27	28	29	30	31	23	24	25	26	27	28	29	24	25	26	27	28	29	30	29	30					
OCTOBER							APRIL							OCTOBER							APRIL							OCTOBER						
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	6	7	8	9	10	11	12
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29	30	31					29	30						28	29	30	31				28	29	30											
NOVEMBER							MAY							NOVEMBER							MAY							NOVEMBER						
5	6	7	8	9	10	1	6	7	8	9	10	11	12	4	5	6	7	8	9	10	5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17	12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24	19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30			27	28	29	30	31			25	26	27	28	29	30		26	27	28	29	30	31		24	25	26	27	28	29	30
DECEMBER							JUNE							DECEMBER							JUNE							DECEMBER						
3	4	5	6	7	8	1	3	4	5	6	7	8	9	2	3	4	5	6	7	8	2	3	4	5	6	7	8	8	9	10	11	12	13	14
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17	18	19	20	21	22	23	17	18	19	20	21	22	23	16	17	18	19	20	21	22	16	17	18	19	20	21	22	22	23	24	25	26	27	28
24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29	23	24	25	26	27	28	29	29	30	31				
31							31							30	31						30													

The forty-ninth academic year will close with the conferring of Degrees at eleven o'clock, on June 6, 1934.

COLLEGE CALENDAR

1933-34

FIRST SEMESTER

College Entrance Board Condition Examinations begin	September 18
College Entrance Board Condition Examinations end	September 22
Halls of Residence open to the entering class at 3 P. M.	September 27
Registration of Freshmen	September 28
Radnor Hall opens to new graduate students at 9 A. M.	September 30
Registration of new graduate students	September 30
Halls of Residence open to all students at 8 P. M.	October 1
Registration of students	October 2
Examinations for advanced standing begin	October 2
Deferred and condition examinations begin	October 2
The work of the forty-ninth academic year begins at 8.45 A. M.	October 3
Examination in German for Seniors conditioned, 9-10.30 A. M.	October 7
Examination in German for M.A. candidates, 9-10.30 A. M.	October 7
Deferred and condition examinations end	October 7
Examinations for advanced standing end	October 7
Examination in French for Seniors conditioned, 9-10.30 A. M.	October 14
Examination in French for M.A. candidates, 9-10.30 A. M.	October 14
Lectures under the Anna Howard Shaw Memorial Fund begin	October 16
Examination in German for M.A. candidates, 8-9.30 P. M.	November 22
Examination in French for M.A. candidates, 9-10.30 A. M.	November 25
Lectures under the Anna Howard Shaw Memorial Fund end	November 28
Thanksgiving vacation begins at 12.45 P. M.	November 29
Thanksgiving vacation ends at 9 A. M.	December 4
Ph.D. Language examinations	December 9
Christmas vacation begins at 12.45 P. M.	*December 22
Christmas vacation ends at 9 A. M.	January 8
Last day of lectures	January 19
Half-yearly collegiate examinations begin	January 22
Ph.D. Language examinations	January 22
Collegiate examinations end	February 2
Annual meeting of the Alumnae Association	February 3
Vacation	February 5

SECOND SEMESTER

The work of the second semester begins at 9 A. M.	February 6
Announcement of Graduate European Fellowships	March 16
Spring vacation begins at 12.45 P. M.	*March 23
Spring vacation ends at 9 A. M.	April 3
Deferred and condition examinations begin	April 3
Deferred and condition examinations end	April 7
Monday classes transferred to Saturday	April 7
Ph.D. Language examinations	April 7
Examinations in French for Juniors	April 28
Examinations in German for Juniors	May 5
Last day of lectures	May 18
Collegiate examinations begin	May 21
Collegiate examinations end	June 1
Baccalaureate Sermon	June 3
Conferring of degrees and close of forty-ninth academic year	June 6

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict students will be required to make up the work in the free hours.

COLLEGE CALENDAR

1934-35

FIRST SEMESTER

College Entrance Board Condition Examinations begin	September 17
College Entrance Board Condition Examinations end	September 21
Halls of Residence open to the entering class at 3 P. M.	September 26
Registration of Freshmen	September 27
Radnor Hall opens to new Graduate Students at 9 A. M.	September 29
Registration of new Graduate Students	September 29
Halls of Residence open to all students at 8 P. M.	September 30
Registration of students	October 1
Examinations for advanced standing begin	October 1
Deferred and condition examinations begin	October 1
The work of the fiftieth academic year begins at 8.45 A. M.	October 2
Examination in German for Seniors conditioned, 9-10.30 A. M.	October 6
Examination in German for M.A. candidates, 9-10.30 A. M.	October 6
Deferred and condition examinations end	October 6
Examinations for advanced standing end	October 6
Examination in French for Seniors conditioned, 9-10.30 A. M.	October 13
Examination in French for M.A. candidates, 9-10.30 A. M.	October 13
Examination in for German M.A. candidates, 8-9.30 P. M.	November 21
Examination in French for M.A. candidates, 9-10.30 A. M.	November 24
Thanksgiving vacation begins at 12.45 P. M.	November 28
Thanksgiving vacation ends at 9 A. M.	December 3
Ph.D. Language examinations	December 8
Christmas vacation begins at 12.45 P. M.	*December 21
Christmas vacation ends at 9 A. M.	January 7
Last day of lectures	January 18
Half-yearly collegiate examinations begin	January 21
Ph.D. Language examinations	January 21
Collegiate examinations end	February 1
Annual meeting of the Alumnae Association	February 2
Vacation	February 4

SECOND SEMESTER

The work of the second semester begins at 9 A. M.	February 5
Announcement of Graduate European Fellowships	March 15
Spring vacation begins at 12.45 P. M.	*March 29
Spring vacation ends at 9 A. M.	April 8
Deferred and condition examinations begin	April 8
Deferred and condition examinations end	April 13
Ph.D. Language examinations	April 13
Examinations in French for Juniors	April 27
Examinations in German for Juniors	May 4
Last day of Lectures	May 17
Collegiate examinations begin	May 20
Collegiate examinations end	May 31
Baccalaureate Sermon	June 2
Conferring of degrees and close of fiftieth academic year	June 5

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict students will be required to make up the work in the free hours.

BRYN MAWR COLLEGE

BRYN MAWR COLLEGE was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his lifetime the site of the college at Bryn Mawr, five miles west of Philadelphia, was purchased and the buildings were begun. At his death in January, 1880, he left the greater part of his estate for the foundation and maintenance of an institution of higher education for women. In 1880 the college was incorporated under the laws of Pennsylvania and was invested with the power to confer degrees; in 1883 the trustees issued a circular of information; in 1884 a President, Dr. James E. Rhoads and a Dean of Faculty, Miss M. Carey Thomas, were elected, plans were matured and academic appointments were made. In the spring of 1885 the first catalogue was issued and in the autumn of the same year the college began its first academic year.

On the death of President Rhoads in 1893, Dean Thomas was elected to the presidency, which office she held until she reached the age of retirement in 1922. President Marion Edwards Park was elected to the presidency in 1922.

Bryn Mawr College has believed always in the value of small classes and limits the total enrollment of undergraduates to about four hundred and resident graduates to less than one hundred. From the first it has been the policy of the trustees to organize no department in which they could not provide for graduate as well as undergraduate study offered by the same faculty.

Bryn Mawr College confers the degrees of Bachelor of Arts, Master of Arts and Doctor of Philosophy.

The departments of the college are:

Biblical Literature	History
Biology	History of Art
Chemistry	Italian
Classical Archæology	Latin
Comparative Philology and Linguistics	Mathematics
Economics and Politics	Music
Education	Philosophy
English	Physics
French	Psychology
Geology	Social Economy
German	Spanish
Greek	

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VIRGINIA KNEELAND FRANTZ‡‡
Alumnæ Director, 1929-34
VIRGINIA McKENNEY CLAIBORNE§§
Alumnæ Director, 1930-35
FLORANCE WATERBURY
Alumnæ Director, 1931-36
LOUISE FLEISCHMANN MACLAY***
Alumnæ Director, 1932-37

GERTRUDE DIETRICH SMITH†††
Alumnæ Director, December 1933-38

* Mrs. Henry Goddard Leach.
** Mrs. Rustin McIntosh.
† Mrs. F. Louis Slade.
‡ Mrs. William G. Hibbard.
§ Mrs. Learned Hand.

†† Mrs. Dexter Otey.
‡‡ Mrs. Angus Macdonald Frantz.
§§ Mrs. Robert W. Claiborne.
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OFFICERS OF ADMINISTRATION

ACADEMIC YEAR, 1932-33

President

MARION EDWARDS PARK, PH.D., LL.D. Office: Taylor Hall.

President Emeritus

M. CAREY THOMAS, PH.D., LL.D., L.H.D.

Dean

HELEN TAFT MANNING, PH.D. Office: Taylor Hall.

Dean of the Graduate School

EUNICE MORGAN SCHENCK, PH.D. Office: The Library.

Director of Publication

CAROLINE CHADWICK-COLLINS, A.B. Office: Taylor Hall.

Secretary and Registrar

BARBARA GAVILLER, A.B., B.Sc. Office: Taylor Hall.

Director of Scholarships and Assistant to the Dean and Director of Admissions-elect

JULIA WARD, A.B. Office: Taylor Hall.

Assistant to the President

DOROTHY MACDONALD, A.B. Office: Taylor Hall.

Wardens of the Halls of Residence

KATHERINE MARY PEEK, M.A., Pembroke Hall (*Head*).

GERTRUDE BANCROFT, A.B., Pembroke Hall (*Assistant*), Sem. I. and Merion Hall, Sem. II.

EDITH GRANT, A.B., Pembroke Hall (*Assistant*), Sem. II.

JOSEPHINE McCULLOCH FISHER, A.B., Merion Hall, Sem. I.

RUTH MULFORD COLLINS, M.A., Rockefeller Hall.

ROSAMOND CROSS, A.B., Denbigh Hall.

CATHERINE PALMER ROBINSON, M.A., Radnor Hall (*Senior Resident*).

Director of Halls

CHARLOTTE BRANDON HOWE, M.A. Office: Rockefeller Hall.

College Physician

MARJORIE JEFFERIES WAGONER, M.D. Office: The Infirmary.

Consultant in Psychiatry and Mental Hygiene

EARL D. BOND, M.D., 707 Old Lancaster Road, Bryn Mawr.

Director of Physical Education and Supervisor of Health

JOSEPHINE PETTS. Office: The Gymnasium.

Librarian

LOIS ANTOINETTE REED, A.B., B.L.S. Office: The Library.

Comptroller

SANDY LEE HURST. Office: Taylor Hall.

Superintendent

JOHN J. FOLEY. Office: Rockefeller Hall.

ACADEMIC APPOINTMENTS

ACADEMIC YEAR, 1932-33

TEACHING

MARION EDWARDS PARK, PH.D., LL.D., *President of the College.*

A.B. Bryn Mawr College 1898, M.A. 1899 and Ph.D. 1918. Holder of the Bryn Mawr European Fellowship, 1898-99 and Graduate Student, Bryn Mawr College, 1898-99, 1912-14, 1916-17; American School of Classical Studies, Athens, Greece, 1901-02; Instructor in Classics, Colorado College, 1902-06 and Assistant Professor of Classics, 1914-15; Teacher in Miss Wheeler's School, Providence, R. I., 1906-09; Acting Dean of Bryn Mawr College, 1911-12; Dean of Simmons College, 1918-21; Dean of Radcliffe College, 1921-22; President of Bryn Mawr College, 1922—.

M. CAREY THOMAS, PH.D., LL.D., L.H.D., *President Emeritus of the College.*

A.B. Cornell University 1877; Ph.D. University of Zurich 1882. Studied at the Johns Hopkins University, 1877-78; University of Leipsic, 1879-81. Student in the Sorbonne and Collège de France, 1883; Dean of the Faculty of Bryn Mawr College and Professor of English, 1885-94 and President of the College and Professor of English, 1894-1922.

HELEN TAFT MANNING, PH.D., *Dean of the College.*

A.B. Bryn Mawr College 1915, M.A. Yale University 1916 and Ph.D. 1924. Dean of Bryn Mawr College, 1917-19 and 1925—, Acting President, 1919-20 and 1929-30.

EUNICE MORGAN SCHENCK, PH.D., *Professor of French and Dean of the Graduate School and Holder of a Special Grant.*

A.B. Bryn Mawr College 1907 and Ph.D. 1913. Graduate Student, Bryn Mawr College, 1909, Graduate Scholar, 1909-10 and Fellow in Romance Languages, 1912-13; President's European Fellow and Student in the Sorbonne, Collège de France, University of Grenoble and in Madrid, 1910-12; Reader in French, Bryn Mawr College, 1913-14, Associate in French, 1914-16, Dean of the College and Associate Professor of French, 1916-17, Associate Professor of French, 1917-25, Professor, 1925— and Dean of the Graduate School, 1929—.

WILMER CAVE WRIGHT, PH.D., *Professor of Greek.*

Girton College, University of Cambridge, England, 1888-92; Graduate in Honours, Cambridge Classical Tripos, 1892; Ph.D., University of Chicago, 1895. Fellow in Greek, Bryn Mawr College, 1892-93; Fellow in Latin, University of Chicago, 1893-94 and Fellow in Greek, 1894-95; Reader in Greek and Latin, University of Chicago, 1895-96; Reader in Classical Literature, Bryn Mawr College, 1897-99, Associate in Classical Literature, 1899-1901, Associate in Greek, 1901-04 and 1905-07, Associate Professor, 1907-1921 and Professor, 1921-33.

JAMES H. LEUBA, PH.D., *Professor of Psychology and Holder of a Julius and Sarah Goldman Grant.*

B.S. University of Neuchatel 1886; Ph.D. Clark University 1896. Scholar in Psychology, Clark University 1892-93 and Fellow in Psychology 1893-95. Associate in Psychology and Education, Bryn Mawr College, 1897-1904, Associate Professor 1904-06 and Professor of Psychology, 1906-33.

HENRY NEVILL SANDERS, PH.D., *Alumnæ Professor of Greek.*

Edinburgh University, 1887-88; Göttingen University, 1894-95. A.B. Trinity University, Toronto, 1894 and M.A. 1897; Ph.D. Johns Hopkins University 1903. Fellow in Greek, Johns Hopkins University, 1897-98; Lecturer in Greek, Latin and Sanskrit, McGill University, 1898-1902; Associate Professor of Greek, Bryn Mawr College, 1902-05 and Professor, 1905—.

WILLIAM ROY SMITH, PH.D., *Professor of History.*

A.B. University of Texas 1897 and M.A. 1898; Ph.D. Columbia University 1903. Acting Professor of History and Political Science, University of Colorado, 1900-01; Lecturer in History, Barnard College, 1901-02; Reader in History, Bryn Mawr College, 1902-03, Associate, 1903-07, Associate Professor, 1907-14 and Professor, 1914—.

LUCY MARTIN DONNELLY, A.B., *Mary Elizabeth Garrett Memorial Alumnæ Professor of English and Holder of the Lucy Martin Donnelly Grant.*

A.B. Bryn Mawr College 1893. University of Oxford and University of Leipsic, 1893-94; Sorbonne and Collège de France and University of Leipsic, 1894-95; Reader in English, Bryn Mawr College, 1896-1903, Lecturer, 1903-08, Associate Professor, 1908-11 and Professor of English, 1911—.

DAVID HILT TENNENT, PH.D., *Professor of Biology and Holder of a Special Grant.*

B.S. Olivet College 1900; Ph.D. Johns Hopkins University 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904 and 1912; Lecturer in Biology, Bryn Mawr College, 1904-05, Associate, 1905-06, Associate Professor, 1906-12 and Professor, 1912—.

MARION PARRIS SMITH, PH.D., *Professor of Economics.*

A.B. Bryn Mawr College 1901 and Ph.D. 1907. Graduate Student, Bryn Mawr College, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07; Reader in Economics and Politics, Bryn Mawr College, 1907-08, Associate in Economics, 1908-12, Associate Professor, 1912-16 and Professor, 1916—.

GRACE MEAD ANDRUS DE LAGUNA, PH.D., *Professor of Philosophy.*

A.B. Cornell University 1903 and Ph.D. 1906. Sage Scholar in Philosophy, Cornell University, 1903-05; Reader in Philosophy, Bryn Mawr College, 1907-08, Associate in Philosophy, 1911-16, Associate Professor, 1916-29 and Professor, 1929—.

REGINA KATHARINE CRANDALL, PH.D., *Margaret Kingsland Haskell Professor of English Composition.*

A.B. Smith College 1890; Ph.D. University of Chicago 1902. Graduate Student, University of Chicago, 1893-94 and Fellow in History, 1894-96; Assistant in History, Smith College, 1896-99; Instructor in History, Wellesley College, 1899-1900; Reader in English, Bryn Mawr College, 1902-16, Director of English Essay Work, 1913-16, Associate in English, 1916-17, Associate Professor of English Composition 1917-18 and Professor, 1918-33.

SAMUEL CLAGGETT CHEW, PH.D., *Professor of English Literature and Holder of The Mary Hill Swope Grant.*

A.B. Johns Hopkins University 1909 and Ph.D. 1913. Fellow, Johns Hopkins University, 1910-12; Associate in English, Bryn Mawr College, 1914-16, Associate Professor, 1916-20 and Professor, 1920—.

SUSAN MYRA KINGSBURY, PH.D., *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research.*

A.B. College of the Pacific 1890; M.A. Leland Stanford Jr. University 1899; Ph.D. Columbia University 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Department, Simmons College, 1906-07; Assistant, Associate and Professor in Economics, Simmons College and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15; Carola Woerishoffer Professor of Social Economy and Social Research, Bryn Mawr College, 1915—.

GEORGIANA GODDARD KING, M.A., *Professor of the History of Art and Holder of a Special Grant.*

A.B. Bryn Mawr College 1896 and M.A. 1897. Fellow in Philosophy, Bryn Mawr College, 1896-97 and Fellow in English, 1897-98; Studied at Collège de France, Semester I, 1898-99; Reader in English, Bryn Mawr College, 1906-10, Reader in English and Lecturer in Art, 1910-11, Lecturer in History of Art and Comparative Literature, 1911-15, Associate Professor of History of Art, 1915-16 and Professor, 1916—.

RHYS CARPENTER, PH.D., *Professor of Classical Archaeology and Greek and Holder of a Julius and Sarah Goldman Grant.*

A.B. Columbia University 1911 and Ph.D. 1916; B.A. University of Oxford 1911 and M.A. 1914. Rhodes Scholar, Balliol College, Oxford, 1908-11; Drisler Fellow in Classics, Columbia University, 1911-13; Student, American School of Classical Studies at Athens, 1912-13. Lecturer in Classical Archaeology, Bryn Mawr College, 1913-15, Associate Professor, 1915-18 (absent for military service, 1917-19) and Professor of Classical Archaeology, 1918—. Attached to American Commission to Negotiate Peace at Paris, 1918-19. (On leave of absence to fill the post of Annual Professor at the American Academy in Rome, 1926-27 and Director of the American School of Classical Studies at Athens, 1927-32.)

CHARLES GHEQUIERE FENWICK, PH.D., *Professor of Political Science.*

A.B. Loyola College 1907; Ph.D. Johns Hopkins University 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, Summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14; Lecturer in Political Science, Bryn Mawr College, 1914-15, Associate Professor, 1915-18 and Professor, 1918—.

HOWARD LEVI GRAY, PH.D., *Marjorie Walter Goodhart Professor of History and Holder of the Marjorie Walter Goodhart Grant.*

A.B. University of Rochester 1897; A.B. Harvard University 1898, M.A. 1900 and Ph.D. 1907. Instructor in History, Harvard University, 1909-13 and Assistant Professor of History, 1914-15; Professor of History, Bryn Mawr College, 1915— (Absent for government service, 1918-19).

JAMES LLEWELLYN CRENSHAW, PH.D., *Professor of Physical Chemistry.*

A.B. Centre College 1907 and M.A. 1908; Ph.D. Princeton University 1911. Assistant Chemist in the Geophysical Laboratory of the Carnegie Institution, Washington, D. C., 1910-15; Associate in Physical Chemistry, Bryn Mawr College, 1915-18, Associate Professor, 1918-25 (absent for military service, 1917-19) and Professor, 1925—.

SAMUEL ARTHUR KING, M.A., *Non-resident Lecturer in English Diction.*

M.A. University of London 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902; Non-resident Lecturer in English Diction, Bryn Mawr College, 1902—.

ANNA PELL-WHEELER, PH.D., Sc.D., *Professor of Mathematics.*

A.B. University of South Dakota 1903; M.S. University of Iowa 1904; M.A. Radcliffe College 1905; Ph.D. University of Chicago 1910. Instructor in Mathematics, Mount Holyoke College, 1911-14 and Associate Professor of Mathematics, 1914-18; Associate Professor of Mathematics Bryn Mawr College, 1918-25, Professor of Mathematics, 1925-27, Non-resident Lecturer in Mathematics, 1928-30 and Semester II, 1930-31 and Professor of Mathematics, 1931—.

CHARLES WENDELL DAVID, PH.D., *Professor of European History.*

A.B. University of Oxford 1911; M.A. University of Wisconsin 1912; Ph.D. Harvard University 1918. Rhodes Scholar, University of Oxford, 1908-11. Instructor in History, University of Washington, 1915-18; Associate Professor of European History, Bryn Mawr College, 1918-27 and Professor, 1927—.

MARY HAMILTON SWINDLER, PH.D., *Professor of Classical Archaeology.*

A.B. University of Indiana 1905 and M.A. 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Greek, Bryn Mawr College, 1906-07 and Fellow in Greek, 1907-09; Mary E. Garrett European Fellow and Student, University of Berlin and the American School of Classical Studies in Athens, 1909-10; Acting Dean of Women, University of Indiana, summers, 1911, 1913; Reader in Latin and Demonstrator in Art and Archaeology, Bryn Mawr College, 1912-16, Instructor in Latin and Classical Archaeology, 1916-21, Associate, 1921-25, Associate Professor, 1925-31 and Professor of Classical Archaeology, 1931—. Editor-in Chief, American Journal of Archaeology, 1932—.

HORACE ALWYNE, F.R.M.C.M., *Professor of Music and Director of the Department of Music.*

Holder of Sir Charles Hallé Memorial Scholarship, 1909-12, Gold Medallist and graduate (with distinction) of Royal Manchester College of Music, England, 1912. Honorary Fellow, Royal Manchester College of Music, 1924. Director of Music, Manchester Grammar School, 1911-12; Head of Piano Department, Skidmore School of Arts, Saratoga Springs, N. Y., 1914-21; Student of Professor Max Mayer (England) and Professor Michael von Zadora (Berlin); Associate Professor of Music, Bryn Mawr College, 1921-27 and Professor, 1927—.

ROGER HEWES WELLS, PH.D., *Associate Professor and Professor-elect of Economics and Politics.*

A.B. Northwestern University 1916; M.A. Harvard University 1921 and Ph.D. 1923. Teacher in the High School, Quincy, Illinois, 1916-17; On military service, 1917-19; Assistant in Government, Harvard University, 1920-22; Austin Teaching Fellow in Government, Harvard University, 1922-23; Assistant in Government, Radcliffe College, 1922-23; Associate in Economics and Politics, Bryn Mawr College, 1923-27 and Associate Professor, 1927-33; Guggenheim Fellow in Germany, 1927-28. Professor-elect of Economics and Politics, Bryn Mawr College, 1933.

JOSEPH E. GILLET, PH.D., *Professor of Spanish.*

Ph.D. University of Liège 1910. Assistant Lecturer in French, University of Edinburgh, 1910-11; Student in the Universities of Paris, Leyden, Munich and Berlin, 1911-13; Instructor in German, University of Wisconsin, 1913-15; Associate in Comparative Literature and Romance Languages, University of Illinois, 1915-18; Absent for military service, 1918-19; Student in Spain, 1919-20; Assistant Professor of Romance Languages, University of Minnesota, 1921-24; Associate Professor of Spanish, Bryn Mawr College, 1924-29 and Professor, 1929—; Visiting Professor, Princeton University, Semester I, 1928-29 and 1929-30.

HORNELL HART, PH.D., *Professor of Social Economy.*

A.B. Oberlin College 1910; M.A. University of Wisconsin 1914; Ph.D. University of Iowa 1921. Graduate Student and Assistant in Sociology, University of Wisconsin, 1912-13; Civic Secretary, Milwaukee City Club, 1913-17; Associate, Cincinnati Social Unit, 1917-18; Graduate Student and Research Assistant, University of Iowa, 1919-21;

Research Associate Professor in Sociology in the University of Iowa and Head of the Sociological Division of the Iowa Child Welfare Research Station, 1921-24; Associate Professor of Social Economy and Social Research, Bryn Mawr College, 1924-30 and Professor, 1930-33.

AGNES LOW ROGERS,* Ph.D., *Professor of Education and Psychology.*

M.A. St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D. Columbia University 1917. Marion Kennedy Student and Research Scholar, Columbia University, 1914-15, Research Fellow, 1915-16, Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25; Professor of Education and Psychology, Bryn Mawr College, 1925—.

MAX DIEZ, Ph.D., *Associate Professor of German Literature.*

A.B. Washington University 1909 and M.A. 1910; Ph.D. University of Texas 1916. Fellow in German, Washington University, 1909-10; Assistant in German, University of Wisconsin, 1910-11; Instructor in German, Washington University, 1911-15; Assistant Professor of German, University of Texas, 1915-18; War service, 1918-19; Professor of German, Centre College, 1921-25; Associate in German, Bryn Mawr College, 1925-27 and Associate Professor, 1927—.

HENRY JOEL CADBURY,* Ph.D., *Professor of Biblical Literature and Holder of the Rufus M. Jones Grant.*

A.B. Haverford College 1903; M.A. Harvard University 1904 and Ph.D. 1914. Master in Westtown School, 1905-08; Instructor, Assistant Professor and Associate Professor in Biblical Literature, Haverford College, 1910-19; Instructor in Greek, 1910-11; Associate Professor of Greek, 1918-19; Lecturer and Assistant Professor of New Testament Interpretation, Andover Theological Seminary, 1919-26; Lecturer on the Old Testament, Episcopal Theological School, Cambridge, 1924-26; Assistant Professor of New Testament Interpretation, Harvard University, 1922-26; Professor of Biblical Literature, Bryn Mawr College, 1926—.

LILY ROSS TAYLOR, Ph.D., *Professor of Latin.*

A.B. University of Wisconsin 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Latin, Bryn Mawr College, 1906-07, Fellow in Latin 1907-08 and Reader 1908-09; Reader and Demonstrator in Archaeology, 1910-12; Instructor in Latin, Vassar College, 1912-19; Fellow of the American Academy in Rome, 1917-18, 1919-20; Assistant Professor of Latin, Vassar College, 1919-22, Associate Professor, 1922-25 and Professor, 1925-27; Professor of Latin, Bryn Mawr College, 1927—.

GRACE FRANK, A.B., *Non-resident Associate Professor and Non-resident Professor-elect of Old French Philology.*

A.B. University of Chicago 1907. Graduate Student, Bryn Mawr College, 1908-10, 1913-16; Universities of Göttingen and Berlin, 1911; University of Pennsylvania, 1918-19; Lecturer in Romance Philology, Bryn Mawr College, 1926-27; non-resident Associate Professor of Old French Philology, 1927-33 and non-resident Professor-elect, 1933.

MARGARET GILMAN,† Ph.D., *Associate Professor of French.*

A.B. Bryn Mawr College 1919, M.A. 1920 and Ph.D. 1924. Graduate Scholar in French, 1919-20 and Fellow in French, 1920-22; Fellow, Ecole Normale Supérieure de Sèvres and Student, University of Paris, 1922-23; Instructor in French, Bryn Mawr College, 1923-26, Associate, 1926-30 and Associate Professor, 1930—.

ILSE FOREST, Ph.D., *Associate Professor of Education.*

B.S. Teachers College, Columbia University, 1922; M.A. 1923; Ph.D. Columbia University 1927. Teacher and Critic, Kindergarten and Elementary Grades, 1915-23; Demonstration Teacher, State Normal School, New Paltz, New York, 1923-24; Laura Spelman Rockefeller Fellow, Columbia University, 1925-26; Professor of Child Psychology, Iowa State Teachers College, 1926-27; Associate in Education, Bryn Mawr College, 1927-28 and Associate Professor, 1928—.

STEPHEN JOSEPH HERBEN, JR., Ph.D., *Associate Professor of English Philology.*

B.Litt. Rutgers University 1920; M.A. Princeton University 1921 and Ph.D. 1924. Graduate Student, Columbia University, summer, 1922; Fellow of the American Scandinavian Foundation, University of Copenhagen, 1922-23; Special Coach in Old English, Oxford University, 1923-24. Contributing consultant for C. and G. Merriam and Company, 1926-27. Instructor in English, Princeton University, 1924-28; Associate Professor of English Philology, Bryn Mawr College, 1928—.

* On leave of absence for the year 1932-33.

† Granted leave of absence for Semester II of the year 1933-34.

FRITZ MEZGER, PH.D., Associate Professor of Germanic Philology.

Ph.D. University of Berlin 1921. Studied at the University of Tübingen, 1911-12. University of Munich, 1912-13, University of Geneva, 1913, University of Paris, 1913-14, University of Munich, 1919, University of Berlin, 1920-22. Instructor in German, Harvard University, 1927-28; Associate Professor of Germanic Philology, Bryn Mawr College, 1928—.

THOMAS ROBERT SHANNON BROUGHTON, PH.D., Associate Professor of Latin.

B.A. University of Toronto 1921 and M.A. 1922; Ph.D. Johns Hopkins University 1928. Student, University of Chicago, spring 1922 and 1923 and summer 1925. Rogers Fellow, Johns Hopkins University, 1925-26 and 1927-28; Instructor in Greek, Amherst College, 1926-27; Associate in Latin, Bryn Mawr College, 1928-30 and Associate Professor, 1930—.

JEAN M. F. CANU, Agrégé de l'Université, Associate Professor of French.

Licencié-ès-lettres, 1917 and *Agrégé de l'Université*, University of Paris, 1920. Professor, Lycée of Alger, 1920-21, Lycée of Beauvais, 1921-23, Lycée of Bordeaux, 1923-26; Laura Spelman Rockefeller Memorial Fellow, 1926-28; Associate Professor of French, Bryn Mawr College, 1928—.

HARRY HELSON, PH.D., Associate Professor and Professor-elect of Experimental Psychology.

A.B. Bowdoin College 1921; M.A. Harvard University 1922 and Ph.D. 1924. Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28; Associate Professor of Experimental Psychology, Bryn Mawr College, 1928-33 and Professor-elect, 1933.

ERNEST WILLOUGHBY, A.R.C.M., Associate in Music.

A.R.C.M. London 1922. Organist and Choir Master, Ross Parish Church, 1913-15. Suborganist and Choir Director, Hereford Cathedral, Music Master, Hereford Cathedral School, England; Assistant Director, Hereford Choral Society and Hereford Orchestral Society and Hereford Musical Festival, 1918-22. Instructor in Music, Bryn Mawr College, 1923-29 and Associate in Music, 1929—.

MARGUERITE LEHR, PH.D., Associate in Mathematics.

A.B. Goucher College 1919; Ph.D. Bryn Mawr College 1925. Reader and Graduate Student in Mathematics, Bryn Mawr College, 1919-21, President's European Fellow and Fellow in Mathematics, 1921-22, Fellow by Courtesy and Graduate Scholar in Mathematics, 1922-23; American Association of University Women Fellow and Student, University of Rome, 1923-24; Instructor in Mathematics, Bryn Mawr College, 1924-29 and Associate in Mathematics, 1929—.

MARY SUMMERFIELD GARDINER, PH.D., Associate Professor of Biology.

A.B. Bryn Mawr College 1918, M.A. 1924 and Ph.D. 1927. Information Secretary, Y. W. C. A. Hostess House, Camp Mills, L. I., 1918-19; Secretary and Social Worker, Henry Street Settlement, New York City, 1920-21; Warden of Denbigh Hall, Bryn Mawr College, 1921-24 and of Pembroke Hall West, 1925-27. Graduate Student, Bryn Mawr College, 1922-24 and 1925-27 and University Student, London, 1924-25; Instructor in Biology, Bryn Mawr College, 1927-29 and Assistant to the Dean, Semester II, 1928-29, Associate in Biology and Assistant to the Dean, 1929-30; Associate in Biology, 1930-31 and Associate Professor of Biology, 1931—.

ENID GLEN, PH.D., Associate in English.

A.B. University of Manchester 1923; University Teachers' Diploma 1924 and Ph.D. 1926. Graduate Scholar in English, University of Manchester, 1923-24 and John Bright Fellow in English Literature, 1925-26; Frances Riggs Fellow, University of Michigan, 1926-27. Instructor in English, Vassar College, 1927-28; Staff Tutor in Literature, Loughborough College (University of Nottingham), 1928-29; Associate in English, Bryn Mawr College, 1929—.

MADELEINE SOUBEIRAN,* Agrégée de l'Université, Associate in French.

École Normale Supérieure de Sèvres 1924-27. *Agrégée de l'Université*, University of Paris, 1927. Teacher in Lycée, Aix-en-Provence, 1927-29; Associate in French, Bryn Mawr College, 1929—.

EDWARD STAUFFER KING, M.F.A., Associate in the History of Art.

A.B. Princeton University 1923 and M.F.A. 1928. Graduate Student, Harvard University, 1923-24. Lecturer in the History of Art, Bryn Mawr College, Semester II, 1924-25 and Instructor in the History of Art, 1925-26. Graduate Student, Princeton University, 1926-27 and Instructor in the History of Art, Princeton University, 1927-28. Holder of a Marquand Fellowship in Medieval Archaeology and student in France, 1928-29; Lecturer in History of Art, Bryn Mawr College, Semester II, 1929-30 and Associate in History of Art, 1930-33.

* Granted leave of absence for Semester I of the year 1933-34.

CAROLINE ROBBINS, PH.D., *Associate in History.*

A.B. University of London 1924 and Ph.D. 1926. Christie Research Fellow in History at Royal Holloway College and the Institute of Historical Research, London, 1924-26; Riggs Fellow at the University of Michigan, 1926-27; Instructor in History, College for Women, Western Reserve University, 1927-28; Instructor in History, Bryn Mawr College, Semester II, 1928-29 and 1929-30; Associate in History, 1930—.

GUSTAV A. HEDLUND,* PH.D., *Associate in Mathematics.*

A.B. Harvard University 1925 and Ph.D. 1930; M.A. Columbia University 1927. Instructor in Mathematics, Hunter College, 1925-27; Part-time Instructor in Mathematics and Graduate Student, Harvard University, 1927-30; Instructor in Mathematics, Radcliffe College, 1928-30; Associate in Mathematics, Bryn Mawr College, 1930—.

ANGELINE HELEN LOGRASSO, PH.D., *Associate Professor of Italian.*

A.B. University of Rochester 1917 and M.A. 1918; Ph.D. Radcliffe College, 1927. Graduate Student in Romance Languages, Columbia University, summers 1919, 1920 and 1923. Graduate Student in History, Harvard University, summer, 1921. Rebecca Greene Fellow, Radcliffe College, 1925-26 and 1926-27; Augustus Anson Whitney Travelling Fellow in England, France and Italy, 1927-28; Instructor in Romance Languages, University of Rochester and the East High School, Rochester, 1917-25; Assistant Professor of French and Italian, University of Rochester, 1928-30; Associate Professor of Italian, Bryn Mawr College, 1930—.

EDWARD WATSON, PH.D., *Associate and Associate Professor-elect of Geology.*

A.B. Johns Hopkins University 1925 and Ph.D. 1929. Instructor in Geology, Johns Hopkins University, 1928-30; Associate in Geology, Bryn Mawr College, 1930-33 and Associate Professor-elect, 1933.

NELSON KELLOGG RICHTMYER, PH.D., *Associate in Chemistry.*

A.B. Harvard University 1923, M.A. 1925 and Ph.D. 1927. Research Assistant in Chemistry, Harvard University, 1927-28 and 1929-30; Research Student, University of Heidelberg, 1928-29; Associate in Chemistry, Bryn Mawr College, 1930—.

MILDRED FAIRCHILD, PH.D., *Associate in Social Economy.*

A.B. Oberlin College 1916 and M.A. 1925; Ph.D. Bryn Mawr College 1929. On Staff of Fisk University, 1916-18; War Camp Community Service, 1918-20; Playground and Recreation Association of America, 1920-22; Oberlin College Campaign Field Organizer, 1923. Fellow in Social Economy and Social Research, Bryn Mawr College, 1925-27; Research Assistant in Social Economy and Graduate Student, Bryn Mawr College, 1927-28. Gamma Phi Beta Fellow of the American Association of University Women and Student, London School of Economics, 1928-29. Traveller in Russia and Research Worker on the Condition of Women in Industry under the auspices of the Society for the Advancement of Cultural Relations with Russia 1929-30; Associate in Social Economy and Social Research, Bryn Mawr College, 1930—.

A. LINCOLN DRYDEN, JR., PH.D., *Associate in Geology.*

A.B. Johns Hopkins University 1925 and Ph.D. 1930. Geologist with the Maryland Geological Survey, summers 1927, 1929; Assistant Geologist with the Sinclair Exploration Company in Venezuela, 1928; Associate in Geology, Bryn Mawr College, 1930—.

MILTON CHARLES NAHM, B.LITT., PH.D., *Associate in Philosophy.*

A.B. University of Pennsylvania 1925 and M.A. 1926; B.A. Oxford University 1928 and B.Litt. 1929; Ph.D. University of Pennsylvania 1932. Rhodes Scholar, 1926-29. Instructor in Philosophy, University of Pennsylvania, 1929-30; Lecturer in Philosophy, Bryn Mawr College, 1930-31 and Associate in Philosophy, 1931—.

VALENTIN MÜLLER, PH.D., *Associate Professor of Archaeology.*

Ph.D. University of Berlin 1915. Student at the University of Goettingen, 1908, at Munich, 1909, at Bonn, 1910-12 and at Berlin, 1913-15. Assistant at the Archaeological Seminary of the University of Berlin, 1919-21; Fellow Traveller of the German Archaeological Institute at Rome, 1921-23; Privatdozent, University of Berlin, 1923-29; Extraordinary Professor, University of Berlin, 1929-31. Associate Professor of Archaeology, Bryn Mawr College, Semester II, 1931-32, 1932—.

JANE MARY DEWEY, PH.D., *Associate and Associate Professor-elect of Physics.*

A.B. Barnard College 1922; Ph.D. Massachusetts Institute of Technology 1925. Barnard College International Fellow, University Institute of Theoretical Physics, Copenhagen, 1925-26; Rask-Orsted Foundation Fellow, Copenhagen, 1926-27; National Research Council Fellow, Princeton University, 1927-29; Research Fellow, University of Rochester, 1929-31; Associate in Physics, Bryn Mawr College, 1931-33 and Associate Professor-elect, 1933.

PAUL WEISS, PH.D., *Associate and Associate Professor-elect of Philosophy.*

B.S.S. College of the City of New York 1927; M.A. Harvard University 1928 and Ph.D. 1929. University Scholar, Harvard University, 1927-28; Sears Scholar in Philosophy, 1928-29; Sears Traveling Scholar in Philosophy at Freiburg, Germany and the Sorbonne,

* Granted leave of absence for the year 1933-34.

1929-30; Instructor and Tutor in Philosophy, Harvard University and Instructor in Philosophy, Radcliffe College, 1930-31; Associate in Philosophy, Bryn Mawr College, 1931-33 and Associate Professor-elect, 1933.

ERNEST WESLEY BLANCHARD, PH.D., *Associate and Associate Professor-elect of Biology.*

Ph.B. Brown University 1927; M.S. State University of Iowa 1929; Ph.D. Princeton University 1930. Graduate Assistant in Zoology, State University of Iowa, 1927-29; Instructor, summer session, Iowa University, 1929; Research Assistant, Princeton University, 1929-30; Assistant Professor of Zoology, University of Maryland, 1930-31; Associate in Biology, Bryn Mawr College, 1931-33 and Associate Professor-elect, 1933—.

WILLIAM WELCH FLEXNER, PH.D., *Associate in Mathematics.*

B.S. Harvard University 1926; M.A. Princeton University 1927 and Ph.D. 1930. Fellow in Mathematics, Princeton University, 1927-28 and Proctor Fellow, 1928-29; Research Associate in Mathematics, 1929-30; and Instructor, 1930-31. Lecturer in Mathematics, Bryn Mawr College, 1931-32 and Associate, 1932—.

MYRA RICHARDS JESSEN, PH.D., *Associate in German.*

A.B. Bryn Mawr College 1915 and Ph.D. 1932. Graduate Student, Bryn Mawr College, 1919-20, 1922-24 and 1926-28. Teacher, Friends Central School, Philadelphia, 1920-21; Baldwin School, Bryn Mawr, 1921-24; Instructor in German, Bryn Mawr College, 1923-28 and 1929-32; Anna Ottendorfer Memorial Research Fellow, 1928-29; Associate in German, Bryn Mawr College, 1932—.

WALTER C. MICHELS, PH.D., *Associate in Physics.*

E.E. Rensselaer Polytechnic Institute, 1927; Ph.D. California Institute of Technology 1930. Teaching Assistant in Physics, California Institute of Technology, 1927-29 and Teaching Fellow in Physics, 1929-30. National Research Fellow in Physics, Princeton University, 1930-32. Associate in Physics, Bryn Mawr College, 1932—.

LELAH MAE CRABBS, PH.D., *Lecturer in Education.*

B.S. Columbia University 1917, M.A. 1922 and Ph.D. 1925. Assistant Principal, Harvard Demonstration Primary School, Milton, Mass., 1914-16; Principal, Elementary Department, Mary C. Wheeler Town and Country School, Providence, R. I., 1916-20; Associate, Elementary Education, Measurements and Research, Teachers College, Columbia University, 1922-23; Supervisor psychology and educational measurements, Rutherford, N. J., 1922-24; Lecturer, Elementary Education, 1923-25; Psychologist and Psychological Research Worker, Merrill-Palmer Home Training School, Detroit, Mich., 1925-28; Research Associate in Psychology and Assistant Professor in Education, Teachers College, Columbia University, 1928-30. Lecturer in Education, Bryn Mawr College, 1932-33.

ERNST DIEZ, PH.D., *Associate Professor-elect of the History of Art.*

Ph.D., University of Graz, Styria, 1902. Assistant in the Department of Mohammedan Art, Kaiser Friedrich Museum, Berlin, 1908-11; Assistant in the Department of History of Art, Vienna University, 1911-18; Privat dozent, 1919 and Associate Professor, 1924-26. Associate Professor of History of Art, Bryn Mawr College, 1926-30 and Associate Professor-elect, 1933. Acting Professor of History of Art, Western Reserve University, 1930-32.

CLARA MARBURG KIRK, PH.D., *Associate Professor-elect of English Composition on the Margaret Kingsland Haskell Foundation.*

A.B. Vassar College 1920; M.A. University of Pennsylvania 1921; Ph.D. University of Chicago, 1929. Holder of Vassar College Fellowship 1920-21, of Committee on Belgian Relief Fellowship 1921-23, of the Mary Richardson and Lydia Pratt Babbitt Fellowship of Vassar College 1926-27; Graduate Fellow at the University of Chicago 1927-28. Instructor in English, Vassar College, 1923-26 and Assistant Professor of English, 1928-33. Associate Professor-elect of English Composition, Bryn Mawr College, 1933.

DONALD WALLACE MACKINNON, M.A., *Associate-elect in Psychology.*

A.B. Bowdoin College 1925; M.A. Harvard University 1926 and Ph.D. to be conferred 1933. Instructor in Psychology, University of Maine, 1927-28; Instructor in Abnormal and Dynamic Psychology, Harvard University, 1928-30; Frederick Sheldon Travelling Fellow of Harvard University at the University of Berlin, 1930-31; Instructor in Abnormal and Dynamic Psychology and Tutor in the Division of Philosophy, Harvard University and Radcliffe College, 1931-33. Associate-elect in Psychology, Bryn Mawr College, 1933.

CORNELIA LYNDE MEIGS, A.B., *Instructor and Associate-elect in English.*

A.B. Bryn Mawr College, 1908. Principal of a Private School, Keokuk, Iowa, 1908-10. Teacher of English, St. Katharine's School, Davenport, Iowa, 1912-13. Writer of Stories for Children for the MacMillan Company, New York, 1913—, for Little Brown and Company, Boston, 1927—, Instructor in English, Bryn Mawr College, 1932-33 and Associate-elect 1933.

DOROTHY WYCKOFF, PH.D., *Instructor and Associate-elect in Geology.*

A.B. Bryn Mawr College 1921, M.A. 1928 and Ph.D. 1932. Graduate Scholar in Geology, Bryn Mawr College, 1921-22 and Graduate Student, 1922-23 and 1925-26; Teacher in the Misses Kirk's School, Bryn Mawr, 1922-25; Demonstrator in Geology and Graduate Student, Bryn Mawr College, 1925-28; Fanny Bullock Workman Fellow, studying at the Kongelige Frederiks Universitet, Oslo, Norway, 1928-29 and Fellow of the American Scandinavian Foundation, Oslo, 1929-30; Fellow in Geology, Bryn Mawr College, 1930-31; Demonstrator 1931-32; Instructor in Geology, 1932-33, and Associate-elect, 1933.

LOUISE ADAMS HOLLAND, PH.D., *Lecturer in Latin, Semester II.*

A.B. Barnard College 1914 and M.A. 1915; Ph.D. Bryn Mawr College 1920. Instructor in Latin, Smith College, 1918-21 and Assistant Professor of Latin, 1921-23, with leave of absence as Fellow at the American Academy in Rome, 1922-23; Assistant Professor of Latin, Vassar College, 1925-27; Lecturer in Latin, Bryn Mawr College, 1928-30 and Semester II, 1931-32 and Semester II, 1932-33.

EDWARD M. M. WARBURG, A.B., *Lecturer in History of Art, Semester II.*

A.B. Harvard University 1930. Studying abroad, 1930-31. Lecturer in History of Art, Bryn Mawr College, 1931-32 and Semester II, 1932-33.

ELEANOR LANSING DULES, PH.D., *Non-resident Lecturer in Economics.*

A.B. Bryn Mawr College 1917 and M.A. 1920; Ph.D. Radcliffe College 1926. Relief Worker in Paris 1917-18; Reconstruction Worker, American Friends Service Committee in France, 1918-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Employment Manager, S. Gemby, Long Island City, 1920-21; Graduate Student, London School of Economics, 1921-22 and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1926-27; Instructor in Economics, Simmons College, 1927-28; Associate in Social Economy and Social Research, Bryn Mawr College, 1928-30 and Lecturer in Economics, Semester II, 1931-32. Non-resident Lecturer in Economics, 1932-33.

ALMENA DAWLEY, M.A., *Non-resident Lecturer in Social Economy.*

A.B. Oberlin College 1912; M.A. University of Chicago 1915. Statistical Worker, Metropolitan Life Insurance Company, New York, 1912-13; Sociologist, Laboratory of Social Hygiene, Bedford Hills, New York, 1915-18; Assistant to the Director, in charge of Research, Interdepartmental Social Hygiene Board, Washington, D. C., 1918-19; Director, Department of Research and Investigation, Women's Coöperative Alliance, Minneapolis, 1919-20; Director of Investigation, Committee to Study Visiting Nursing, 1922-23; Supervisor, Department of Social Investigation, Pennsylvania School of Social and Health Work, 1920-25; Chief Social Worker, Philadelphia Child Guidance Clinic, 1925—. Non-resident Lecturer in Social Economy, Bryn Mawr College, 1928—.

MINOR WHITE LATHAM, PH.D., *Non-resident Lecturer in English.*

A.B. Mississippi State College for Women 1901; M.A. Columbia University 1912 and Ph.D. 1930. Graduate Student, Bryn Mawr College, 1902-04; Graduate Student, University of Mississippi, 1907-08; Graduate Student, Columbia University, 1911-15. Instructor in English, Mississippi State College for Women, 1908-10 and Head of the English Department, 1910-11. Lecturer in English, Barnard College, Columbia University, 1914-15, Instructor 1915-29; Instructor in Playwriting, Columbia University, 1918-29; Instructor in Playwriting, Columbia University, summers, 1918-22, 1924, 1926-28; Assistant Professor in English, Barnard College, Columbia University, 1929—. Non-resident Lecturer in English, Bryn Mawr College, 1932—.

KATHARINE HAZELTINE PATON, A.B., B.D., *Lecturer in Biblical Literature.*

A.B. Wellesley College 1908; B.D. Hartford Theological Seminary 1922. Assistant Professor of Biblical Literature, Mount Holyoke College 1922-24; Assistant Professor of Biblical Literature, Vassar College, 1924-25; substitute instructor, Hartford Theological Seminary, 1930-31 and Assistant Professor of Old Testament History and Criticism, Hartford Theological Seminary, 1931-32; Lecturer in Biblical Literature, Bryn Mawr College, 1932-33.

HOWARD HAWKS MITCHELL, Ph.D., *Non-resident Lecturer-elect in Mathematics.*

Ph.B. Marietta College 1906; Ph.D. Princeton University 1910. Fellow in Mathematics, Princeton University, 1908-10; Instructor in Mathematics, Yale University, 1910-11; Instructor in Mathematics, University of Pennsylvania, 1911-14, Assistant Professor 1914-21 and Professor 1921—. Non-resident Lecturer-elect in Mathematics, Bryn Mawr College, 1931.

SUE AVIS BLAKE, M.A., *Instructor in Physics.*

A.B. Bryn Mawr College 1898 and M.A. 1900. Demonstrator and Graduate Student in Physics, Bryn Mawr College, 1898-99 and 1904-06 and Fellow in Physics, 1906-07; Graduate Student, Bryn Mawr College and Teacher of Mathematics and Science in the Shipley School, Bryn Mawr, 1899-1900; Assistant in Physics, Smith College, 1900-

- 02, 1903-04; Fellow in Physics, University of Pennsylvania, 1907-08; Instructor in Physics, Smith College, 1910-15; Demonstrator in Physics, Bryn Mawr College, 1915-18 and Instructor, 1918-33.
- EDITH HAMILTON LANMAN, M.A.,** *Instructor in Chemistry.*
A.B. Radcliffe College 1914; M.A. University of California 1915. Graduate Student, University of California, 1914-15; Demonstrator in Chemistry, Bryn Mawr College, 1915-18, Instructor in Chemistry, 1918-19 and 1922—.
- MARTHA MEYSENBURG DIEZ, M.A.,** *Instructor in German.*
A.B. University of Texas 1918; M.A. Bryn Mawr College 1928. Instructor in German, Bryn Mawr College, 1925—.
- HORTENSE FLEXNER KING, M.A.,** *Instructor in English.*
A.B. University of Michigan 1907 and M.A. 1910. Instructor in English, Bryn Mawr College, 1926-27, Semester II, 1927-28 and 1928—.
- MARGARET DENT DAUDON, A.B.,** *Instructor in French.*
A.B. Bryn Mawr College 1920 and M.A., to be conferred, 1933. Teacher of French, the Thorne School, Bryn Mawr, 1928-31; Part-time Instructor in French, Bryn Mawr College, 1927—.
- RUTH FAIRMAN, M.A.,** *Instructor in Greek and Latin.*
A.B. Mount Holyoke College 1927; M.A. Bryn Mawr College 1928. Scholar in Latin, Bryn Mawr College, 1927-28, Fellow in Latin, 1928-29 and Helene and Cecil Rubel Fellow (studying abroad), 1929-30. Instructor in Latin, Bryn Mawr College, 1930-31 and Instructor in Greek and Latin, 1931—.
- MARY KATHARINE WOODWORTH, M.A.,** *Instructor in English.*
A.B. Bryn Mawr College 1924, M.A. 1927 and Ph.D. to be conferred, 1933. Teacher of English, the Thorne School, Bryn Mawr, 1925-29. Studying abroad, 1929-30; Instructor in English, Bryn Mawr College, 1930—.
- ELIZABETH H. NORTON POTTER, M.A.,** *Instructor in the History of Art.*
A.B. Bryn Mawr College 1927; M.A. Radcliffe College 1929. Instructor in History of Art, Bryn Mawr College, 1930—.
- BERTHE-MARIE MARI, M.A.,** *Instructor in Latin and French.*
Licenciée-es-lettres University of Lausanne 1925; M.A. Bryn Mawr College 1926. Swiss Scholar in Latin and English, Bryn Mawr College, 1925-26 and 1929-30. Teacher of French, the Thorne School and Graduate Student, Bryn Mawr College, 1926-28. Instructor in Latin, Bryn Mawr College, 1929-31 and Instructor in Latin and French, 1931—.
- ELSIE POKRANTZ, M.A.,** *Instructor in German.*
A.B. Coe College 1918; M.A. University of Nebraska 1924. Teacher, Iowa High Schools, 1918-22; Instructor in German and French and Graduate Student, University of Nebraska, 1922-24; Head of Modern Languages Department, McPherson College, McPherson, Kansas, 1924-26; Instructor in German and Graduate Student, University of Nebraska, 1926-29; Graduate Student, University of Chicago, 1929-30. Instructor in German, Bryn Mawr College, 1930-33.
- J. GORDON CARLSON, A.B.,** *Instructor in Biology.*
A.B. University of Pennsylvania 1930. Demonstrator in Biology, Bryn Mawr College, Semester II, 1929-30 and 1930-31 and Instructor, 1931—.
- E. LOUISE HAMILTON, Ph.D.,** *Assistant Director of the Educational Clinic and Instructor in Education.*
B.S. Connecticut College for Women 1925; M.A. Columbia University 1926 and Ph.D. 1928. Graduate Student, Columbia University, 1925-28; Assistant in Psychology, Columbia University, 1926-27; Clinical Psychologist, New York Post-Graduate Hospital, 1927-28; Assistant Director of the Educational Clinic, Bryn Mawr College, 1928-33. Demonstrator in Education, 1930-31 and Part-time Instructor 1931—.
- WILLIAM DONALD TURNER, Ph.D.,** *Instructor in Psychology.*
A.B. University of Illinois 1926; M.A. Harvard University 1928 and Ph.D. 1929. Instructor in Psychology, Tufts College, 1928-29; Social Science Research Council Fellow, Vienna, 1929-30; Instructor in Psychology, Kansas State College, 1930-31; Instructor in Psychology, Bryn Mawr College, 1931—.
- IRMGARD W. TAYLOR, M.A.,** *Instructor in German.*
M.A. University of Pennsylvania 1930. Student, University of Tubingen. Teacher of German, Rose Valley School, Pennsylvania, 1930-31. Instructor in German, Bryn Mawr College, 1931-33.
- KATHRINE KOLLER, Ph.D.,** *Instructor in English.*
A.B. Wittenberg College 1924; Ph.D. Johns Hopkins University 1932. Teacher of French and English in the High Schools, Plymouth, Ohio, 1924-26 and Tiffin, Ohio, 1926-28. Instructor in English, Bryn Mawr College, 1932—.

EMILY KATHARINE TILTON, M.A., *Instructor in Italian.*

A.B. Wellesley College 1928; M.A. Radcliffe College 1931. Student, University of Florence, Italy, 1928-29 and Radcliffe College, 1930-32. Instructor in Italian, Bryn Mawr College, 1932—.

RUTH MULFORD COLLINS, M.A., *Instructor in English, Semester II.*

A.B. Mills College, 1927; M.A. University of California, 1929; M.A. Bryn Mawr College, 1930. Graduate Student, University of California, 1927-28. Apprentice Teacher, Thorne School, Bryn Mawr and Graduate Student in English and Education, Bryn Mawr College, 1928-29; Fellow in English, Bryn Mawr College, 1929-30 and Instructor in English, 1930-31. Helene and Cecil Rubel Foundation Fellow studying in London, 1931-32. Warden of Rockefeller Hall, Bryn Mawr College, 1932-33 and part-time Instructor in English, Semester II, 1932-33.

FLORENCE WHYTE, PH.D., *Instructor-elect in Spanish.*

A.B. University of California 1915; M.A. University of Oregon 1924; Ph.D. Bryn Mawr College 1930. Professor of Modern Languages, Linfield College, 1919-20; Instructor in Spanish and Graduate Student, University of Oregon, 1920-24. Graduate Scholar in Spanish, Bryn Mawr College, 1924-25 and Fellow in Romance Languages, 1925-26; Helene and Cecil Rubel Foundation Fellow in Europe, 1926-27. Assistant Professor of Spanish, Milwaukee-Downer College, 1927-29; Professor of Modern Languages, Queens College, 1929-30; Instructor in Spanish, Mt. Holyoke College, 1931-33. Instructor-elect in Spanish, Bryn Mawr College, 1933.

MAUDE M. FRAME, A.B., *Reader in Philosophy.*

A.B. University of Pennsylvania 1927. Reader in Philosophy, Bryn Mawr College, 1928-30, Scholar in Philosophy, 1930-31 and Reader, 1931—.

MOLLY ATMORE, A.B., *Reader in Music.*

A.B. Bryn Mawr College 1932. Reader in Music, Bryn Mawr College, 1932—.

GERTRUDE BANCROFT, A.B., *Reader in Economics and Politics.*

A.B. Bryn Mawr College 1930. Student, University of London, 1930-31. Assistant Warden of Pembroke Hall, Bryn Mawr College, Semester I, 1932-33; Warden of Merion Hall, Semester II, 1932-33 and Reader in Economics and Politics, 1932-33.

DOROTHEA CAROLINE SHIPLEY, M.A., *Reader-elect in History of Art.*

A.B. Bryn Mawr College 1925 and M.A. 1929. Fellow in History of Art, Bryn Mawr College, 1929-30 and Fellow by Courtesy 1930-31. Reader-elect in History of Art, Bryn Mawr College, 1933.

LOUISE FROST HODGES CRENSHAW, A.B., *Demonstrator in Chemistry.*

A.B. Bryn Mawr College 1918. Warden of Pembroke East, 1922-23; Secretary of the Phebe Anna Thorne School, 1923-25, 1926-28 and 1929-30. Demonstrator in Chemistry, Bryn Mawr College, 1930—.

MARJORIE STARR BEST, M.A., *Demonstrator in Geology.*

A.B. Smith College 1930; M.A. Bryn Mawr College 1932. Demonstrator in Geology, Bryn Mawr College, 1930—.

BARBARA GOLDBERG, M.A., *Demonstrator in Physics.*

A.B. Hunter College 1929; M.A. Columbia University 1931. Instructor in Physics, Hunter College, 1929-February 1932 and Instructor in Mathematics February-June 1932. Demonstrator in Physics, Bryn Mawr College, 1932—.

HENRIETTA HUFF, A.B., *Demonstrator in History of Art and Classical Archaeology.*

A.B. Bryn Mawr College 1918. Demonstrator in History of Art and Classical Archaeology, Bryn Mawr College, 1932—.

GLADYS WHITE, M.A., *Demonstrator-elect in Physics.*

A.B. Duke University 1928 and M.A. 1929. Instructor in Physics, Winthrop College, 1929-31. Fellow in Physics, Bryn Mawr College, 1931-33. Demonstrator-elect in Physics, Bryn Mawr College, 1933.

NETTIE HELENA COY, A.B., *Demonstrator-elect in Physics.*

A.B. University of New Brunswick 1928. Assistant in Physics, Vassar College, 1928-29 and Instructor in Physics, 1929-33. Demonstrator-elect in Physics, Bryn Mawr College, 1933.

NON-TEACHING

CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director of Publication.*

A.B. Bryn Mawr College 1905. Graduate Student, Bryn Mawr College, 1921-22, Alumnae Secretary, 1922-23 and Director of Publication, 1923—.

BARBARA GAVILLER, A.B., B.Sc., *Secretary and Registrar of the College.*

A.B. University of Toronto, 1912; B.Sc., Simmons College, 1917. Secretary to the Secretary and Registrar of Bryn Mawr College, 1917-26, Acting Secretary and Registrar of the College, 1926-27 and Secretary and Registrar, 1927—.

JULIA WARD, A.B., *Director of Scholarships and Assistant to the Dean and Director of Admissions-elect.*

A.B. Bryn Mawr College 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student, Bryn Mawr College, 1924-27 and 1928-30. Warden of East House, 1924-25, of Rockefeller Hall, 1925-27 and 1928-30. Holder of Fanny Bullock Workman European Fellowship, 1927-28; Director of Scholarships and Assistant to the Dean, Bryn Mawr College, 1930-33; Director of Admissions-elect and Assistant to the Dean, 1933.

DOROTHY MACDONALD, A.B., *Assistant to the President.*

A.B. Bryn Mawr College 1917. Secretary to the President of Bryn Mawr College, 1919-26 and Assistant to the President, 1926—.

LOIS ANTOINETTE REED, A.B., B.L.S., *Librarian.*

A.B. University of Illinois 1909; B.L.S. New York State Library School 1904. Librarian, Western College, Oxford, Ohio, 1905-07; Cataloguer and Order Department Assistant, Library of the University of Illinois, 1907-10; Assistant Librarian, University of Rochester, 1910-12; Head Librarian, Bryn Mawr College, 1913—.

MARY LOUISE TERRIEN, A.B., B.S., *Circulation and Reference Librarian.*

A.B. Smith College 1905. Simmons College Library School, Boston, Mass., 1914-15. Circulation and Reference Librarian, Bryn Mawr College, 1915—.

HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer.*

A.B. Radcliffe College 1905; B.S. Simmons College Library School, 1910. Seminar Librarian, University of Illinois, 1910-12; Head Cataloguer, Bryn Mawr College Library, 1912-18. Librarian, Second National Bank of Boston, 1919-23; Head Cataloguer, Boston University, College of Liberal Arts, 1925-28; Head Cataloguer, Bryn Mawr College Library, 1928—.

MAE EDNA LITZENBERGER CRAIG, A.B., B.S., *Assistant Cataloguer.*

A.B. Mount Holyoke College 1924; B.S. Simmons College 1925; Assistant Cataloguer, Bryn Mawr College Library, 1925—.

MAUDE LOIS HASKELL SLAGLE, A.B., B.S., *Assistant Cataloguer.*

A.B. Mount Union College 1927; B.S. in L.S. School of Library Science, Western Reserve University, 1928. Assistant Cataloguer, Bryn Mawr College Library, 1928—.

ANNA FOSTER ALLEN, Ph.B., B.S., *Assistant to the Circulation and Reference Librarian.*

Ph.B. Muhlenberg College 1927; B.S. in L.S. Drexel Institute, 1931. Assistant to the Circulation and Reference Librarian, Bryn Mawr College, 1931—.

HALLS OF RESIDENCE

KATHERINE MARY PEEK, M.A., *Head Warden of Pembroke Hall.*

A.B. Bryn Mawr College 1922 and M.A. 1929. Editorial Assistant, Crowell Publishing Company, New York City, 1922-24. Instructor in English, Bryn Mawr College, 1925-27. Warden of Merion Hall, Bryn Mawr College, 1927-30; studying abroad, 1930-31. Head Warden of Pembroke Hall, Bryn Mawr College, 1931-33.

CATHERINE PALMER ROBINSON, M.A., *Senior Resident of Radnor Hall.*

A.B. Bryn Mawr College 1920 and M.A. 1921. Teacher, Rosemary Hall, Greenwich, Conn., 1921-22; Student at the Sorbonne, 1922-23; Marine Insurance, 1924-29; Senior Resident of Radnor Hall and Secretary to the Dean of the Graduate School, Bryn Mawr College, 1929—.

CHARLOTTE BRANDON HOWE, M.A., *Director of Halls and Head Warden-elect.*

A.B. Radcliffe College 1922 and M.A. 1929. Hall Mistress, Whitman Hall, Radcliffe College, 1928-30. Warden of Wyndham, Bryn Mawr College, 1930-32; Director of Halls 1930— and Head Warden-elect, 1933.

ROSAMOND CROSS, A.B., *Warden of Denbigh Hall.*

A.B. Bryn Mawr College 1929. Teacher of History, Concord Academy, Concord, Massachusetts, 1929-32. Warden of Denbigh Hall, Bryn Mawr College, 1932—.

RUTH MULFORD COLLINS, M.A., *Warden of Rockefeller Hall.*

A.B. Mills College, 1927; M.A. University of California, 1929; M.A. Bryn Mawr College, 1930. Graduate Student, University of California, 1927-28. Apprentice Teacher, Thorne School, Bryn Mawr and Graduate Student in English and Education, Bryn Mawr College, 1928-29; Fellow in English, Bryn Mawr College, 1929-30 and Instructor in English, 1930-31; Helene and Cecil Rubel Foundation Fellow studying in London, 1931-32. Warden of Rockefeller Hall, Bryn Mawr College, 1932-33 and Instructor in English, Semester II, 1932-33.

JOSEPHINE McCULLOCH FISHER, A.B., *Warden of Merion Hall, Sem. I and Warden-elect of Merion Hall.*

A.B. Bryn Mawr College 1922. Student, Newham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27; Warden of Pembroke Hall, Bryn Mawr College, 1927-31 and Warden of Merion Hall, Semester I, 1932-33; Warden-elect of Merion Hall 1933. Instructor in History and Political Science, Mt. Holyoke College, Semester II, 1932-33.

GERTRUDE BANCROFT, A.B., *Assistant Warden of Pembroke Hall, Semester I and Warden of Merion Hall, Semester II.*

A.B. Bryn Mawr College 1930. Student, University of London, 1931-32. Assistant Warden of Pembroke Hall, Bryn Mawr College, Semester I, 1932-33; Warden of Merion Hall, Semester II, 1932-33 and Reader in Economics and Politics, 1932-33.

DEPARTMENT OF PHYSICAL EDUCATION

JOSEPHINE PETTS, *Director of Physical Education.*

Graduate of the Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Instructor in Physical Education, Central School of Hygiene and Physical Education, New York, 1919-22; Instructor in Physical Education, Teachers College, Columbia University, 1922-28; Director of Physical Education, Bryn Mawr College, 1928—.

MARNA V. BRADY, M.A., *Assistant Director of Physical Education.*

B.S. University of Cincinnati 1925; M.A. Teachers College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27 and Columbia University, summer, 1928; Assistant Director of Physical Education, Bryn Mawr College, 1928—.

ETHEL M. GRANT, *Instructor in Physical Education.*

Honors Diploma with Distinction, Liverpool Physical Training College, 1923. Instructor in Physical Education in schools of England, 1923-26; Instructor in Physical Education, the Gordon-Roney School, Philadelphia, 1926-30; Instructor in Physical Education, Bryn Mawr College, 1930—.

HEALTH DEPARTMENT

MARION EDWARDS PARK, PH.D., *Ex-officio.*

HELEN TAFT MANNING, PH.D., *Head of Health Department.*

MARJORIE JEFFERIES WAGONER, M.D., *College Physician.*

A.B. Bryn Mawr College 1918; M.D. University of Pennsylvania 1922. Interne, Philadelphia General Hospital, 1920-24. College Physician, Bryn Mawr College, 1924—.

JOSEPHINE PETTS, *Director of Physical Education.*

Consultant Physicians

A number of physicians, resident in Philadelphia and representing the principal special divisions of medicine and surgery, have consented to act as consultants when called on by the Health Department.

DEPARTMENT OF BUSINESS ADMINISTRATION

CHARLOTTE BRANDON HOWE, M.A., *Director of Halls.*

SANDY LEE HURST, *Comptroller.*

JOHN J. FOLEY, *Superintendent.*

LAURA M. S. HOWARD, *Chief Clerk.*

HILDA ROBINS, *Supervisor of Culinary Department.*

WINFIELD DAUGHERTY, *Fire Chief.*

FACULTY COMMITTEES

STANDING COMMITTEES OF THE FACULTY

1933-34

*Faculty Representatives on
the Board of Directors*

PROFESSOR SWINDLER
PROFESSOR CRENSHAW
PROFESSOR DAVID

Committee on Nominations

PROFESSOR GILMAN
PROFESSOR WELLS
PROFESSOR DONNELLY

Committee on Appointments

PROFESSOR TAYLOR
PROFESSOR DE LAGUNA

PROFESSOR GRAY
PROFESSOR CHEW

PROFESSOR TENNENT

1932-33

Committee on Petitions

DEAN MANNING, *ex-officio*
PROFESSOR SANDERS, *ex-officio*
PROFESSOR HELSON
PROFESSOR BROUGHTON
PROFESSOR CRANDALL

Committee on Curriculum

PRESIDENT PARK, *Chairman*
DEAN MANNING, *by invitation*
PROFESSOR HERBEN
DR. ROBBINS*
PROFESSOR LEUBA
PROFESSOR GARDINER
DR. NAHM
PROFESSOR TAYLOR

Committee on Laboratories

PROFESSOR CRENSHAW
DR. DEWEY
DR. BLANCHARD

Committee on Schedules

DEAN MANNING, *ex-officio*
PROFESSOR GARDINER
DR. ROBBINS
DR. HEDLUND

*Committee on Entrance
Examinations*

PRESIDENT PARK, *Chairman*
DEAN MANNING, *by invitation*
MISS WARD, *by invitation only*
MISS GAVILLER, *ex-officio*
DR. HEDLUND
PROFESSOR BROUGHTON
PROFESSOR DONNELLY
PROFESSOR GILMAN
PROFESSOR WELLS

*Committees on Language
Examinations*

French—
PROFESSOR GILMAN
PROFESSOR M. P. SMITH
DR. WATSON
German—
PROFESSOR M. DIEZ
PROFESSOR CARPENTER
DR. LEHR

* Substitute for Professor Rogers.

Committee on Libraries

PROFESSOR GILMAN
 PROFESSOR DAVID
 DR. WEISS

Committee on Housing

PROFESSOR W. R. SMITH
 PROFESSOR FENWICK
 DR. FAIRCHILD

STANDING COMMITTEES OF THE ACADEMIC COUNCIL

1932-33

*Committee on Graduate
Students*

PRESIDENT PARK, *Chairman*
 DEAN SCHENCK, *ex-officio*
 PROFESSOR DONNELLY*
 PROFESSOR M. P. SMITH
 PROFESSOR CRENSHAW

*Committee on Graduate
Courses*

PRESIDENT PARK, *Chairman*
 PROFESSOR M. P. SMITH
 PROFESSOR GILLET
 PROFESSOR TENNENT

Committee on Learned Publications

PRESIDENT PARK, *Chairman*
 PROFESSOR FENWICK
 PROFESSOR CRANDALL
 PROFESSOR CARPENTER

STANDING COMMITTEES OF THE SENATE

1932-33

Executive Committee

PRESIDENT PARK, *Chairman*
 DEAN MANNING, *ex-officio*
 PROFESSOR W. R. SMITH
ex-officio
 PROFESSOR DAVID
 PROFESSOR CRANDALL
 PROFESSOR TENNENT

Judicial Committee

PRESIDENT PARK, *Chairman*
 DEAN MANNING, *ex-officio*
 PROFESSOR M. P. SMITH
 PROFESSOR LEUBA
 PROFESSOR CHEW

* Substitute for Professor Cadbury.

HONORARY CORRESPONDING SECRETARIES

The following honorary corresponding secretaries, all of whom are graduates of Bryn Mawr College, have kindly consented to act as representatives of the college in the cities in which they live and will at any time be glad to answer questions about the college.

CALIFORNIA:

PASADENA: MISS KATE WILLIAMS, *485 Palmetto Drive.*
SAN FRANCISCO: MRS. COLIS MITCHUM, *3320 Jackson Street.*
MRS. CHARLES PRICE DEEMS, *11 Commonwealth Ave.*

COLORADO:

DENVER: MRS. HENRY SWAN, *740 Emerson Street.*

CONNECTICUT:

FARMINGTON: MRS. HERBERT KNOX SMITH.
NEW HAVEN: MRS. CHARLES McLEAN ANDREWS, *424 St. Ronan Street.*

DISTRICT OF COLUMBIA:

WASHINGTON: BARONESS SERGE ALEXANDER KORFF, *2308 California Street.*

ILLINOIS:

CHICAGO: MRS. JAMES FOSTER PORTER, *1085 Sheridan Road, Hubbard Woods.*
MRS. MORRIS LEIDY JOHNSTON, *1520 Dearborn Parkway.*

INDIANA:

INDIANAPOLIS: MRS. FRANK NICHOLAS LEWIS, *3216 North Pennsylvania Street.*

MARYLAND:

BALTIMORE: MRS. ANTHONY MORRIS CAREY, *4311 Rugby Road, Guilford.*

MASSACHUSETTS:

BOSTON: MRS. INGERSOLL BOWDITCH, *32 Woodland Road, Jamaica Plain.*
CAMBRIDGE: MRS. ROBERT WALCOTT, *152 Brattle Street.*
FALL RIVER: MRS. RANDALL NELSON DURFEE, *19 Highland Avenue.*

MINNESOTA:

MINNEAPOLIS: MRS. CLARENCE MORGAN HARDENBERGH, *1788 Fremont Avenue South.*
MRS. HAROLD OLNEY HUNT, *2318 First Avenue South.*

MISSOURI:

ST. LOUIS: MRS. GEORGE GELLHORN, *4366 McPherson Avenue.*

NEW YORK:

NEW YORK CITY: MRS. LEARNED HAND, *142 East 65th Street.*
CLINTON: MRS. ARTHUR PERCY SAUNDERS.

OHIO:

CINCINNATI: MRS. RUSSELL WILSON, *2726 Johnstone Place.*
CLEVELAND: MISS ALICE PEIRSON GANNETT, *1420 East 31st Street.*

OREGON:

PORTLAND: MRS. HENRY MINOR ESTERLY, *Inwood, Hewett Boulevard, Route 5.*

PENNSYLVANIA:

PITTSBURGH: MRS. ALEXANDER JOHNSTON BARRON, *Glen Osborne Sewickley.*
MRS. CARROLL MILLER, *4 Von Lent Place.*

VIRGINIA:

RICHMOND: MRS. WYNDHAM BOLLING BLANTON, *3015 Seminary Avenue.*

WISCONSIN:

MADISON: MRS. MOSES STEPHEN SLAUGHTER, *633 North Francis Street.*

ENGLAND: THE HON. MRS. B. RUSSELL, *11 St. Leonard's Terrace, Chelsea, London S.W.3.*

THE UNDERGRADUATE SCHOOL



THE UNDERGRADUATE SCHOOL

The undergraduate school offers courses in ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art and education. The full course of study covers four years and leads to the Bachelor of Arts degree.

Admission to Bryn Mawr College is based upon the candidate's record in the competitive entrance examinations and upon the evidence, secured by the College, in regard to her health, character and general ability. All candidates are asked to make an appointment, if possible, for a personal interview with the President or the Dean. If the number qualifying for admission in a given year is greater than the number of rooms available for first-year students, the college reserves the right to determine which of the candidates shall form the admitted group.

*Admission
of Under-
graduate
Students*

All candidates for admission to the freshman class must pass certain of the matriculation examinations conducted by the College Entrance Examination Board.

*Admission
by
Examina-
tion
Room
Application*

Application for rooms, accompanied by the fee of ten dollars payable to Bryn Mawr College, should be made to the Secretary and Registrar as soon as the year of entrance is definitely known by the candidate. This fee is not refunded if the candidate later withdraws her name from the list or does not succeed in gaining admission. It may be transferred to a later year if the request for the transfer is received before October first of the original year of entry. The filing of a room application does not insure admission to the College.

*Application
for
Admission*

A form of application for admission, with space for the matriculation plan, will be sent each autumn by the Secretary and Registrar to all candidates who have registered room applications (or their intention of attending the college as non-resident students) for the following year. A form for the official transcript of the school record through the first three of the four final years of preparatory work will be sent to the school principals. The Book of Plans of the Library and Halls of Residence, with a room preference form, will be sent during the year to each candidate on the room list for the following year. A health certificate form will be sent to each candidate early in April. The form for the principal's recommendation and record of the final year's work will be sent to the schools on May first, to be returned as soon as the school year is over.

The work required for matriculation covers fifteen units, as outlined on page 30. Candidates may offer either Plan A, Plan B or Plan C of the College Entrance Examination Board, with the following restrictions:

*Require-
ments
for
Matricula-
tion*

(a) Candidates who have been prepared largely by private tuition may be required to offer Plan A, (b) candidates whose school training has been irregular, who have attended several different schools in the four years preceding entrance to college, or who have spent only one year in the school of final preparation may be required to offer Plan A, (c) candidates whose school records are for any reason unsatisfactory to the Committee on Entrance Examination may be required to offer Plan A.

Plan A

Plan A candidates offer College Entrance Examination Board examinations covering all fifteen required units. They may take these examinations in a single June examination period or may divide them between two June periods separated by not more than one year. If at the close of the final division they have offered all fifteen units and have received a grade of 60 or over in at least twelve, they may repeat conditioned examinations in September. The September College Board examinations are held at Bryn Mawr College solely for the purpose of removing conditions incurred by Plan A candidates in a previous June examination period. Application for these examinations, accompanied by a five-dollar fee for each condition, should be made to the Secretary and Registrar of the College before September 1st. Candidates are not permitted to offer September examinations between the first and final June divisions or to offer a regular first or final division in September.

While the required units are fifteen in number, Plan A candidates who are prepared to offer in addition two units of a third foreign language (French or German or Greek) or one unit of Trigonometry and one of Solid Geometry are permitted to take their examinations in three consecutive June periods instead of only two. No advanced standing credit is given in such cases for the extra two units; they constitute an added matriculation requirement in return for the privilege of offering a third division.

The fifteen required units are as follows:

<i>Subjects</i>	<i>College Board Examinations</i>	<i>Units</i>
Ancient Language*		4
Latin.....	Latin Cp. 4	
or Greek.....	Greek Cp. 3	
and Latin.....	Latin Cp. 2	
English.....	English Cp.	3
Mathematics.....	Mathematics Cp. 3.....	3
Algebra.....	or Mathematics A	
and Plane Geometry.....	and Mathematics C	
Science†.....		1
Physics.....	Physics	
or Chemistry.....	Chemistry	
History.....		1
Ancient History‡.....	History A	
or English History.....	History C	
or American History.....	History D	
Second Foreign Language§.....		3
French.....	French Cp. 3	
or German.....	German Cp. 3	
or Greek.....	Greek Cp. 3	
 Total.....		 15

Bryn Mawr is interested always in giving special consideration to students of exceptional ability and the Committee on Entrance Examination will consider the applications of candidates who are highly recommended by their schools but whose preparation is somewhat irregular when judged by the standard of the fifteen required entrance units listed above.

* See page 31 for note.

† See page 31 for note.

‡ See page 31 for note.

§ See page 31 for note.

Candidates offering Plan B must have covered in their school records the required fifteen units and must offer four College Board examinations (in addition to the Scholastic Aptitude Test) in a single June examination period, as follows:

Plan B

- (1) English Cp.
- (2) A foreign language (Latin Cp. 4 or French Cp. 3 or German Cp. 3 or Greek Cp. 3).
- (3) Mathematics or science (Mathematics Cp. 3 or Mathematics A or Physics or Chemistry).
- (4) An optional examination, to be chosen by the candidate from those of the fifteen required units which she is not offering for (2) or (3): history A, C or D; a second foreign language** as specified in (2); mathematics as specified in (3) if a mathematics examination has not already been offered; a science as specified in (3) if a science has not already been offered.

Candidates offering Plan C must have covered in their school records the required fifteen units and must offer in addition to the Scholastic Aptitude Tests four College Board examinations from the groups now required by Plan B. They may take these examination in two June divisions. At the end of the junior year in school they must take the

Plan C

* Plan A candidates are advised to divide the Latin examination if possible. They may offer Latin Cp. 3 (Prose Authors) or Latin Cp. 3 (Poets) in one division and Latin Cp. H (if already credited with Cp. 3, Prose Authors) or Latin Cp. K (if already credited with Cp. 3, Poets) in the other.

Plan A candidates wishing to divide the Greek examination may offer the Cp. 2 in one division and the Cp. H in the other. Those wishing to divide the French examination may offer French Cp. 2 in one division and French B in the other. Plan A candidates offering German may make a similar division of that examination.

† The Teacher's Laboratory Certificate, furnished to the candidate by the College Entrance Examination Board, should be forwarded to the office of the Secretary and Registrar not later than the day for which the science examination is scheduled. Laboratory notebooks should not be submitted to the College.

‡ The College urges that ancient history be offered as the requirement for entrance in history. Knowledge of the civilization of the ancient world is essential both for an appreciation of the Greek and Latin literature as studied in preparatory school and college and for the introductory course in college history, which begins with the downfall of the Roman Empire.

In case the curriculum of the school in which the candidate has received her preparation makes it difficult for the candidate to offer Ancient History, English History or American History or some other satisfactory year's work in history may be offered instead. If any of these options is adopted and, if the candidate after admission to college should wish to enter the course in first year history, she will be expected then to give evidence of familiarity with ancient history. Such evidence should be either a certificate from her preparatory school that she completed within reasonable time before entering college an adequate course in ancient history and attained in it a satisfactory grade or that she has done suitable private reading in the subject. The private reading will be tested by a brief oral examination.

§ If Greek and Latin are chosen under the heading "Ancient Language," French or German must be offered. Attention is called to the advantage of offering Greek or German as an extra subject for advanced standing.

** Candidates wishing to offer Latin for the optional examination may offer the Latin Cp. H (Poets).

Scholastic Aptitude Tests and two examinations (not English). On the basis of the results of these examinations, the Scholastic Aptitude Tests, school records and recommendations from the principal, provisional acceptance may be given. Final acceptance will depend upon the results of the remaining two examinations which are to be taken at the end of the senior year and upon the school records of that year. Candidates who are not provisionally accepted at the end of the junior year must apply for admission under Plan A or Plan B.

Applications for admission by Plan C should be filed on or before May 1st of the junior year in secondary school. Approval must be given by the college of the examinations chosen under Plan C. The grades on College Board examinations of Plan C candidates, as of Plan B candidates, will be considered confidential.

Plan D

Candidates from schools remote from the college and from schools where the course of study has not been specially designed to meet the College Entrance Examination Board examinations may use this plan. Ordinarily candidates from the larger endowed academies and private preparatory schools must enter by examination. Admission under this plan is on the basis of the school records and recommendations and the Scholastic Aptitude Tests. To be considered for admission by Plan D candidates must have ranked, during the last two years of their school course, among the highest seventh of a graduating class containing at least seven students. They must have covered in their school records the required fifteen units.

Candidates are eligible to apply for admission by Plan D only in the year in which they first graduate from a secondary school. Candidates must register with the College Entrance Examination Board to take the Scholastic Aptitude Tests. Applications should state specifically

- (1) The number of pupils in the graduating class,
- (2) The applicant's exact numerical rank in the class.

All candidates for admission by any plan are now advised to take the Scholastic Aptitude Tests at the end of the junior year in secondary school.

APPLICATION FOR COLLEGE ENTRANCE BOARD EXAMINATIONS

Examination of June 18-23, 1934

*Application
for College
Entrance
Board
Examina-
tions*

Application blanks for the examinations should be obtained from the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York City, N. Y.

A standard fee of ten dollars, remitted by postal order, express order, or draft on New York, should accompany each application.

In order to facilitate the holding of examinations in the various centers, all applications should be filed at the earliest possible date. Applications for examination *must* reach the Secretary of the Board:

For examination east of or on the Mississippi River: on or before Monday, May 28, 1934. For examination elsewhere in the United States or Canada: on or before Monday, May 21, 1934.

For examination outside the United States and Canada except Asia: on or before Monday, May 7, 1934.

For examination in China or elsewhere in the Orient: on or before Monday, April 23, 1934.

If a candidate fails to obtain the regular application blank, the usual examination fee arriving before the specified date will be accepted provided that it is accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected and a complete list of the subjects in which she expects to be examined.

Applications for examination received later than the dates specified will be accepted when it is possible to arrange for the examination of the candidate, but only upon the payment of an additional fee of five dollars.

The designation of the center to which the candidate will go for examination is regarded as an essential part of her application. Requests that examinations be held at particular points should be sent to the Secretary of the Board not later than February 1. A list of examination centers will be published about March 1.

Candidates should report for a morning examination at 8.45 and for an afternoon examination at 1.45, Standard or Daylight Saving Time, according to the usage in the local schools. Under no circumstances will a candidate be admitted to the Scholastic Aptitude Test later than the hour at which the test is scheduled to begin.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published by the College Entrance Board annually about December 1. Every candidate is advised to become familiar with these requirements. Upon request a single copy will be sent to any teacher free of charge; in general a charge of twenty-five cents, which may be remitted in postage, will be made.

Candidates wishing to enter Bryn Mawr must state their intention on their application for examination to the College Entrance Board. All candidates for admission to Bryn Mawr College, on receipt of their reports of examination from the College Entrance Examination Board, must forward them to the Secretary and Registrar; failing the receipt of the report from the candidate herself the College will take no action upon her application for admission.

Candidates are admitted on transfer from certain approved colleges and universities, the curriculum of which corresponds to that of Bryn Mawr. Transfer candidates must present credits equal to the Bryn Mawr College requirements for matriculation. They must, moreover, present a certificate of honourable dismissal and an official statement that they have studied in regular college classes for one college year, that they have

*Admission
on Transfer
from
Another
College*

passed examinations covering at least one year of academic work in a regular college course leading to the degree of Bachelor of Arts, that they are in good standing in said College and that they would be able to take their degree there in due course. They must be re-examined, before graduation from Bryn Mawr College, on all work done elsewhere which they wish to submit as credit toward the Bryn Mawr degree.

For some years, however, precedence in admission has been given to candidates who have taken the regular examinations for matriculation.

Students of other colleges who have outstanding conditions or have otherwise failed to meet prescribed standards of academic work or have been put on probation, have been suspended or excluded, will under no circumstances be admitted to Bryn Mawr College. Such students may not cancel their college work elsewhere, offer the Bryn Mawr College requirements for matriculation and enter Bryn Mawr as Freshmen.

Students presenting certificates of honourable dismissal from any college or university not eligible for national membership in the American Association of University Women must take the regular examination for matriculation required by Bryn Mawr.

Hearers

Women over twenty-five years of age are admitted as "hearers" without matriculation examination, but they must furnish proof that they have at some time pursued the studies required for matriculation. Hearers are clearly distinguished from regularly matriculated students and must obtain permission from each instructor to attend recitations, examinations and laboratory exercises; they must satisfy their various professors that they can profit by their elected courses. Hearers are not, strictly speaking, recognized by the college; they are not eligible for degrees and may receive only such certificates of collegiate study as their various instructors see fit to give. They are charged the full tuition fee (five hundred dollars).

No special students other than "hearers" are admitted to Bryn Mawr College.

EXAMINATIONS FOR ADVANCED STANDING

Advanced Standing

Candidates who wish to enter the college with advanced standing may, in addition to the fifteen units required for matriculation, offer the following subjects: the First Year Course in Latin, counting as one unit; Trigonometry and Solid Geometry, counting as one-half unit; elementary Greek, counting as one and one-half units, or French or German, counting as one unit each, provided it was not included in the fifteen units required for matriculation.

The first year course in Latin may be offered for examination by candidates for matriculation who desire to enter the College with advanced standing and, at their discretion, by matriculated students without attendance on the college classes provided it is offered not later than the beginning of the student's junior year. The credit for the course will be one unit.

The following is the list of reading on which the examination will be based:

Plautus, *Mostellaria*; Livy, Book I; Catullus, *Select Poems* (all the poems in F. P. Simpson's *Select Poems of Catullus*, Macmillan, New York); Horace, Odes I, except 13, 15, 25, 28, 33, 36; II, except 2, 4, 5, 8, 12, 15; III, except 6, 10, 11, 15, 16, 19, 20, 24, 27; IV, except 4-6, 10-13; *Carmen Saeculare*; Epodes 2 and 16 only (Shorey-Laing edition of Horace's *Odes and Epodes*, B. H. Sanborn); Vergil, the Eclogues; Reading of the chapters on Plautus, Livy, Horace, Vergil in Duff's *Literary History of Rome*.

The examinations in Latin, Trigonometry and Solid Geometry are held in the first three weeks of the college year and may be taken by a student in her freshman, sophomore or junior year. Examinations in Elementary Greek, French or German may be taken in the College Entrance Examinations in June or, by special arrangement with the Secretary and Registrar, in the autumn. They may not be offered later than the autumn of the junior year.

Students who have passed examinations for advanced standing are credited with the equivalent number of units of college courses and are so enabled to enter at once the more advanced courses to which these are preliminary; they thus secure a larger choice of elective courses or may, at some time in their college course, with the consent of the Dean, substitute this credit for that obtained by attendance at college classes. Students may also secure credit for elective courses in Modern Languages by passing certain examinations in French, German, Italian and Spanish which may be taken only in the first three weeks after entering the College. In no case, however, is it possible by passing examinations for advanced standing to shorten the required four years of study necessary for the bachelor's degree, although not all of the time must be spent at Bryn Mawr College.

GENERAL REGULATIONS

- Residence* Residence in the college buildings is required of all undergraduate students except those who live with their families in Philadelphia or the vicinity.
- Registration* Every student enrolled is required to register with the Comptroller. Freshmen and graduate students are required to register also with the Secretary and Registrar. This registration must be completed before 8.45 A.M. on the first day of lectures. The Dean of the College is academic advisor to all undergraduate students and every undergraduate student consults the Dean of the College in regard to the planning of her academic work and registers her chosen courses with the Dean of the College before entering upon college work.
- Freshman Week* The members of the entering class are asked to come into residence four days before the college is opened to returning students. They are received by the Wardens of the various halls and a Reception Committee of upper classmen. Appointments with the President of the College, who wishes to interview all new students, should be made promptly at the office of the Secretary and Registrar and appointments with the Dean should also be made. These interviews with the President and the Dean begin immediately and registration of courses is concluded before the college year officially opens. The new students are made familiar with the intricacies of the library, take their tests, their medical and physical examinations and become at home in the college before the stress of the first days of academic work.
- Conduct* The Student's Association for Self-Government, organized in 1892, controls the conduct of the students in all matters except those which are purely academic or which affect the living arrangements of the student body. All undergraduate students of Bryn Mawr College are members of this association.
- College Regulations* The college reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable; in such cases the fees due or already paid to the college will be neither refunded nor remitted in whole or in part.
- In case of emergency the college assumes the right to take all responsibility.
- Attendance* Regular attendance at classes is expected of all undergraduates; an unreasonable number of unexcused absences will be penalized.
- Examination Regulations* The absolute integrity of all work is demanded of every student. No student shall give or receive any assistance in an examination or written quiz or hold any communication with another student. The rules governing written work are published for each freshman and are publicly announced at the beginning of each semester and before each examination period. Any infraction of the rules, regardless of motive, or any action contrary to their spirit, constitutes an offense.

While the required studies leading to the degree of Bachelor of Arts are not prescribed for any special year in the college course, students are advised to plan their work carefully with reference to the lecture schedule so that a conflict of hours will not prevent them from electing the advanced courses they wish. Students electing a scientific group, such as chemistry and biology, should arrange their work to avoid possible conflict in laboratory hours. *Schedule*

REQUIREMENTS FOR DEGREE OF BACHELOR OF ARTS

Degree of Bachelor of Arts

The full course of undergraduate study leads to the degree of Bachelor of Arts. The basis of credit is the "unit," which represents one-quarter of the student's time for one year, or approximately ten hours of work a week, including class meetings.

Every candidate for the degree of Bachelor of Arts must have attended college classes in Bryn Mawr College for a period of four years;* must have passed examinations on work amounting to fifteen units and must have obtained a grade of 70 or above on half of these fifteen units. In her major subject she must receive grades of 70 or above in all her courses for the first two years.† She must have a reading knowledge of French and German and must also have fulfilled the requirements of the department of Physical Education.

STUDIES LEADING TO THE DEGREE OF BACHELOR OF ARTS

The following course of study must be pursued by every candidate for the degree of Bachelor of Arts:

Required Studies

English Composition, one unit. In connection with this course students are required to attend a course in English diction, one-half hour a week throughout the year.

Science, one unit.§

Greek, Latin, or English Literature, one unit.‡

Philosophy, one unit.**

Major Courses

Major Subject with Allied Subjects, six and one-half units. All students must take at least three and one-half units in the major subject: one unit in the first year, one and one-half or two units in the second year and one unit in advanced work. This represents the minimum work in the major subject. Most students are urged to take more than one unit of advanced work and students who, in the opinion of the department, show special promise will be recommended for honours work.

Free Elective Courses

Free Elective Courses, four and one-half units, to be chosen by the student. The only limitation is that imposed by the prerequisites of the courses selected and any courses open to the individual student as free

* By permission of the Curriculum Committee of the Faculty, work done at some other college of high standing may in special cases be submitted for one of the four years of required attendance at classes. See page 33.

† A student who has received grades of 80 or above in a part of this work and grades below 70 in a corresponding part will be regarded as having met this condition.

§ A student majoring in Science must substitute for the science requirement a unit of Psychology, or Economics, or Politics, or History, or History of Art or Archaeology.

‡ A student majoring in Greek must offer for the third unit of required work either First Year Latin or First Year English. A student majoring in Latin must offer First Year Greek or Elementary Greek or First Year English. A student majoring in English must offer First Year Greek or Elementary Greek or First Year Latin.

** A student majoring in Philosophy must offer a unit of Psychology for the fourth unit of required work.

electives may be taken without the remainder of the courses of which they may form a part.

Students who wish to attend a course regularly without being formally registered must obtain permission from the Dean. The Dean is expected to limit the number of courses a student may visit and any instructor may notify the Dean that his courses are not open to such students.

All students are required to take part in work organized by the department of Physical Education during their first two years in college. Students who do not satisfactorily meet the requirements of the department must continue this work during the later years of their college course.

A course in Hygiene of two hours a week for one semester is required of all students in their second year of college but does not count as a part of the fifteen units.

A Reading Knowledge of French and German is required of all students. The language which the student offers at entrance is known as the First Foreign Language and the other as the Second Foreign Language. The First Foreign Language must be offered for examination in the autumn or spring of the junior year. Students failing to pass must present themselves for re-examination on the first or second Saturday of their senior year. Any student who at that time receives a grade below 50 will be prevented from receiving her degree at the end of her senior year. She will not be allowed to present herself for a third examination before the autumn of the following year, but may present herself for any subsequent examination. Any student receiving a grade between 50 and 60 must register for work under the direction of the department. She may then take a third examination in the spring of her senior year. The Second Foreign Language may be taken in any autumn or spring after entrance up to the end of the junior year. A student who receives a grade below 60 may not offer herself for re-examination until the following autumn. Examinations in the Second Foreign Language for those students who have not fulfilled the requirement by the end of their junior year are the same as for the First Foreign Language.*

Seniors who are conditioned in both language examinations in the fall of their senior year will be allowed to try only one of those examinations in the spring and therefore will not be able to receive their degrees that spring.

Extra-curriculum supervised reading in French and in German, conducted by regular members of the respective departments without charge to the students, may be taken if desired by students in either French or German.

* A student who offers Latin and Greek at entrance and who elects the course in First Year Greek in college, not counting it for the literature requirement, is required to offer only one modern language for examination.

Visitors

*Physical
Education
and
Hygiene*

*Reading
Knowledge
of French
and
German*

*Extra-
curriculum
Courses*

**Tabular
Statement
of
Required
Studies**

The studies required for a degree may be tabulated as follows:

	1	2	3	4	5	6
	English Composition. One unit	Science: Physics or Chemistry, or Geology, or Biology. One unit	Greek, Latin, or English Literature. One unit	Philosophy. One unit	Major and Allied Subjects. Six and one-half units	Elective Courses. Four and one-half units

**Advanced
Standing**

In order to give more time for advanced studies and to lighten the college course, students are permitted to take examinations in certain subjects included in the course without attending the college classes in these subjects. Trigonometry, solid geometry and elementary Greek, French, German, Italian or Spanish, and first year Latin may be taken in this way if offered not later than the beginning of the junior year. A student who can furnish proof that she has acquired advanced knowledge of French or German is permitted to take examinations for advanced standing in reading and composition in these languages, but only in the first three weeks after entering college.

**Scholarship
Grades**

Students not wishing to study for a degree are permitted to elect any of the undergraduate studies for which they have been fitted by previous training. If at any time a degree should be desired, such students will be given full credit for all courses leading to the degree.

Numerical grades on the basis of 100 are given on all work which is to be counted for the A. B. degree. The A. B. degree is awarded cum laude, magna cum laude, or summa cum laude to students whose numerical average is 80-85, 85-90, or 90 or over, respectively. The degree with distinction in the subject is given to students who have satisfactorily completed the honours work in a given department.

CURRICULUM

There are offered each year to undergraduates major courses in the following subjects: Biology, Chemistry, Classical Archæology, Economics and Politics, English, French, Geology, German, Greek, History of Art, Italian, Latin, Mathematics, Modern History, Philosophy, Physics, Psychology and Spanish and elective courses in the above and in Biblical Literature, Social Economy, Education and Music.

In each fully organized department there is the following course: one unit of first year work, one and one-half or two units of second year work and advanced work according to the needs of the department. Every candidate for a degree is required to take three years of work in her major subject and at least two units of allied subjects. The object of this system is to enable the student to acquire the foundations of a specialist's knowledge and the required courses, namely, English, Philosophy, Literature and Science are intended to insure a more liberal training than could be obtained if every student combined elective studies without restriction.

The required course in English Composition is designed primarily to teach students in their first year in college how to express themselves clearly and correctly. A special effort is made to train them to use a variety of reading matter and to gather and present the material for reports and papers in preparation for their more advanced work in their major subject. The required course in Literature gives to each student a broader view of one field of literature with which she has already gained familiarity in her school work and thus serves as a background for further work in literature in college. The required course in Science gives, for one year at least, to the student of history and literature the same kind of instruction and discipline as is received by the scientific student. The course in Philosophy forms a general introduction to the study of ideas and the history of thought.

All first-year courses may be elected by any student and special free elective courses of one unit and one-half unit are offered in many departments.

Advanced courses are open only to students who have completed the first and second-year major work in the subject.

Honours work at Bryn Mawr College has been organized by departments individually and the arrangements for it are described in detail under those departments. It is, by definition, work of a more advanced character than that done in the regular courses, requiring greater initiative and power of organization on the part of the student than is usually the case in undergraduate work. A broad background in the subject is assumed before the student starts on honours work and in many departments students are expected to devote part of their time to preparation for a comprehensive examination to test their knowledge of the whole field. One or two long reports or papers giving to the student the opportunity to develop and test her powers in the selection and interpretation of source material are usually required.

*Major
Courses*

*Required
Courses*

*Free
Elective
Courses*

*Advanced
Courses*

Honours

Students planning to do honours work should wherever possible complete the first and second year courses in their major subjects by the end of their sophomore year. Only students who have shown outstanding ability in those courses will be admitted to honours work. Such students should also complete in their first two years in college the courses in allied subjects which are fundamental to the thorough understanding of the major subject. In some cases it may be advisable to carry on work in allied subjects for one year to the exclusion of the major subject, but in no case may a student be admitted to honours work unless she has completed all of the first and second year work in her major subject by the end of her junior year.

In the senior year honours students are expected to register for at least two units of work (one-half of their time) with the major department. A part of this time may be devoted to the lectures and reading of an advanced course, but at the discretion of the department honours students may be released from quizzes, reports, or examinations in connection with course work in order to devote more of their time to the special topics assigned them and in order to prepare for the honours examinations. Two units of work with the major department, to be undertaken after the completion of the first and second year courses in the major subject, represent a minimum requirement for honours students. It is expected that in most cases honours students will carry additional advanced or honours work either in the junior year or in the senior year.

Students who have successfully completed the honours work as outlined for them by the department will be awarded the A. B. degree with distinction in the subject.

PRE-MEDICAL COURSE

The courses of Bryn Mawr College in physics, chemistry and biology correspond to those of the Johns Hopkins University* and it is easy for a student to select a course corresponding exactly to the Preliminary Medical Course of the Johns Hopkins University. Students planning to begin the study of medicine should elect physics for one year, biology for two years, and chemistry for two or three years.

The Women's Medical College of Pennsylvania admits students of Bryn Mawr College who have pursued the chemical-biological course that leads to the A.B. or the Ph.D. degree.

* 1. A collegiate degree from an institution approved by the American Medical Association. The list of approved colleges may be obtained from the Secretary of the Council on Medical Education of the American Medical Association, 535 N. Dearborn Street, Chicago, Illinois.

2. Certification that the applicant has satisfactorily completed the following minimal requirements:

Biology: At least one year of college work (12 semester hours) in General Biology, consisting usually of 3 lecture hours per week (6 semester hours) and 180 hours (6 semester hours) of laboratory work. One-half of this may be in Comparative Anatomy, Embryology or Zoology. Courses in Bacteriology will not be accepted, as this subject is included in the medical curriculum.

Chemistry: At least two years of college work (24 semester hours), of which one and one-third years (16 semester hours) should be devoted to General and two-thirds of a

year (8 semester hours) to Organic Chemistry. Each year's work should comprise three class-room exercises and five, or preferably six, hours of laboratory work per week. This represents only a minimal training. Three years' work is advised, including a course in Quantitative Analysis and a short course of lectures and demonstrations in Physical Chemistry.

Physics: At least one year of college work (10 semester hours) consisting usually of 90 hours of class work (6 semester hours) and at least 120 hours (4 semester hours) of quantitative work in the laboratory.

French and German: A reading knowledge is required. This presupposes two years of high school and one year of college work, or two years of college work (12 semester hours) in each language. If, however, students with a shorter preparation believe that they can read fluently, a reading test will be given. If satisfactory, the requirement will be absolved; but, if not, additional work must be taken and the condition absolved before the student can enter the second year of the School.

Latin: This should include grammar and such knowledge of the language as may be acquired by reading four books of Caesar or their equivalent.

3. Application forms may be obtained by writing to the Assistant Dean, Johns Hopkins University School of Medicine, Monument and Washington Streets, Baltimore, Md. These applications may be completed and returned to the Assistant Dean at any time during the candidate's senior year in college (not later than June 1st). They will be considered in order of receipt and the applicant notified of the decision as soon as possible. The number of students in each class is limited to 75. The tuition is \$600 a year, collectible in two equal instalments, one at the opening of the academic year and one at the beginning of the second half-year.

COURSES OF STUDY

1933-34

Biblical Literature

PROFESSOR:

HENRY JOEL CADBURY, Ph.D.

The undergraduate instruction offered in this department includes two and one-half units of free elective courses.

FREE ELECTIVE COURSES

Full Year Courses.

Free Elective Courses

The Literary History of the Bible: Dr. Cadbury. *Credit: One-half unit.*

(Given in 1933-34)

A general course on the contents of the English Bible (including apocryphal writings) studied from the viewpoint of literary forms and origins and aiming to enable the student to recognize the influence of the Bible on art, literature and other aspects of civilization.

Rapid Reading in the Greek New Testament: Dr. Cadbury.

Credit: One-half unit.

(Given in each year)

This course is open to students who have passed the matriculation examination in Greek or attended the elementary course in Greek. It is intended to give a knowledge of Biblical Greek and facility in reading. The course is varied so that it may be pursued through several semesters.

Elementary Hebrew: Dr. Cadbury.

Credit: One-half unit.

(Given when requested)

1st Semester Course.

The Religion of Israel: Dr. Cadbury.

Credit: One-half unit.

(Given in each year)

The course includes a survey of the development of religious ideas and practices among the Hebrews during the early monarchy, under the influence of the prophets and in the beginning of Judaism.

2nd Semester Course.

The Life and Teaching of Jesus: Dr. Cadbury.

Credit: One-half unit.

(Given in each year)

The course is a discussion of the principal problems presented by the gospels for a recovery of an understanding of the career and character of Jesus of Nazareth.

These courses may be elected separately each with one-half unit of credit.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses.*

Biology

PROFESSOR:	DAVID HILT TENNENT, Ph.D.
ASSOCIATE PROFESSORS:	MARY SUMMERFIELD GARDINER, Ph.D. ERNEST WESLEY BLANCHARD, Ph.D.
INSTRUCTOR:	J. GORDON CARLSON, A.B.

The undergraduate instruction offered in this department includes one unit of first year work and one and one-half units of second year work. Advanced work is offered in Embryology of the Vertebrates, Cytology, Biochemistry, Genetics and Physiology, with a minimum of one unit of credit and a maximum of two units for each course.

At the end of the second year of work a student may be recommended for Honours in Biology. Honours work may be done in Embryology, Cytology, Biochemistry or Physiology, and the satisfactory completion of at least two units of honours work entitles the student to receive her degree with Distinction in Biology.

The work of the first year course forms a general introduction to the subject through a broad comparative study of living things (general biology). In the second year the foundation of a more minute knowledge of animal morphology and physiology is laid. The third-year work is devoted to a study of advanced subjects and to the practical investigation of simple problems. A knowledge of the elements of physics and chemistry is desirable for students entering any course in biology.

Allied Subjects:

Chemistry

Physics

Other subjects will be accepted in special cases

FIRST YEAR

*Credit: One unit**Full Year Course.*

Lectures and Laboratory Work in General Biology.

*Major
Course**1st Semester.*

Lectures: Dr. Gardiner.

Laboratory: Dr. Gardiner and Mr. Carlson.

The object of this course is to give the student clear conceptions of the fundamental principles of morphology and physiology and of the relations of the biological sciences to one another and to other branches of science. The laboratory practice is designed to enable the student, as far as possible, to examine for herself the facts discussed in the lectures, to encourage the habit of exact observation and to impart a knowledge of the methods of practical work.

The general subject is treated in two courses which supplement each other and must be taken together. The work is designed not simply to teach the elements of zoology and botany, as commonly understood, but in addition to treat plants and animals with constant reference to one another, both as to structure and as to mode of action. Emphasis is therefore laid on the essential facts of comparative morphology and physiology (general biology) as illustrated by a thorough study of a few types, rather than on the minutiae of classification.

During the first semester, the student studies a number of animals and plants, so arranged as to form a natural progressive introduction to the general principles of biology. The student makes a detailed examination of unicellular organisms and from these proceeds gradually to the complex conditions of structure and function in higher animals and plants.

2nd Semester.

Lectures: Dr. Tennent and Dr. Blanchard.

Laboratory: Dr. Tennent, Dr. Blanchard and Mr. Carlson.

During the second semester attention is given mainly to the biology of higher animals. Two-thirds of the semester is devoted to a study of the morphology and physiology of vertebrates; the remainder of the semester to a study of the embryology of the frog and in greater detail to that of the chick.

SECOND YEAR

Credit: One and one-half units

Full Year Course.

Lectures and Laboratory Work in Invertebrate Zoölogy and Vertebrate Anatomy and Physiology.

1st Semester.

Lectures on Elementary Physiology: Dr. Blanchard.

Laboratory Work: Dr. Blanchard and Mr. Carlson.

The aim of this course is to present the facts of animal physiology. Digestion, respiration, circulation, nervous and muscular activity are studied from the point of view of the processes themselves rather than that of the physical and chemical principles underlying them. The laboratory time is devoted to a study of the anatomy of the cat, both from dissection and from histological preparations and, very briefly, to methods and practice of physiological experimentation, especially of muscle and nerve. A previous knowledge of chemistry is not required.

2nd Semester.

Lectures on Zoölogy of Invertebrates: Dr. Gardiner.

Laboratory Work: Dr. Gardiner and Mr. Carlson.

This course extends the work of the first year so as to include a survey of the morphology and taxonomy of the main groups of invertebrate animals.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to extend the work of the first two years and to offer the student the opportunity for specialization in chosen fields. By special arrangement any of the advanced courses may be extended to one and one-half or two units of credit.

Full Year Course.

Embryology of Vertebrates: Dr. Tennent.

Credit: One unit.

(Given in 1933-34)

1st Semester.

Early stages of Development.

This course consists of lectures, assigned reading and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of Amphioxus, Ascidian, Amia, Lepidosteus, Squalus, Ctenolabrus, Necturus, Rana, Chrysemys, Chick and Pig. At least six hours of laboratory work are required.

2nd Semester.

Organogeny.

Full Year Courses.

Cytology: Dr. Tennent.

*Credit: One unit.**(Given in 1934-35)*

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation and fertilization. Both plant and animal cells are studied and instruction is given in methods of preparing cytological material for microscopical examination. At least six hours of laboratory work are required.

Theories of Heredity: Dr. Gardiner.

*Credit: One unit.**(Given in 1933-34)*

This course presents a survey of the experimental work upon heredity and includes a consideration of Mendelism and subsequent theories of inheritance. There are two lectures a week; the remainder of the student's time is divided between laboratory work covering a study of chromosomes and simple breeding experiments, and reading assignments from original papers.

Biochemistry: Dr. Blanchard.

*Credit: One unit.**(Given in 1933-34)*

This course deals with the simpler aspects of the chemistry of living organisms. The properties and reactions of the substances of biological importance are studied. Under ordinary circumstances it is expected that a student will have had organic chemistry. There are two lectures and six hours of laboratory work per week.

Advanced Physiology: Dr. Blanchard.

*Credit: One unit.**(Given in 1934-35)*

A study of the vital functions of living organisms from the chemical and physical as well as from the biological standpoint. During the second semester the stress is placed upon mammalian physiology. The laboratory work is planned to develop a knowledge of the technique of physiological experimentation as well as to present the facts in a form in which they may be easily grasped by the student. It is expected, except in special instances, that the student will have had the equivalent of two years of chemistry. There are two hours of lecture and a minimum of six hours of laboratory work per week. Students may, with the permission of the instructor, perform a certain amount of independent investigation.

HONOURS WORK

Honours work in any of the advanced fields is offered to qualified students.

Honours

GRADUATE WORK

Graduate work is offered in this department. Seminars are arranged in a three-year cycle. Further information will be found in *The Calendar of Graduate Courses*.

Chemistry

PROFESSOR:

JAMES LLEWELLYN CRENSHAW, Ph.D.

ASSOCIATE:

NELSON KELLOGG RICHTMYER, Ph.D.

INSTRUCTOR:

EDITH HAMILTON LANMAN, M.A.

DEMONSTRATOR:

LOUISE FROST HODGES CRENSHAW, A.B.

The undergraduate instruction offered in this department covers five and one-half units of work; it includes two and one-half units of undergraduate first and second year work and three units of advanced courses and honours

work open only to graduates and to undergraduates who have completed the major course in chemistry.

The first year's work is a general introduction to the subject. Lectures are given in inorganic chemistry and qualitative analysis.

In the second year the lectures are on physical and organic chemistry.

The advanced undergraduate courses are intended to prepare students for independent work, particular attention being paid to laboratory methods.

Allied Subjects:

Biology
Geology
Mathematics
Physics

FIRST YEAR

Credit: One unit

Full Year Course.

1st Semester.

Introduction to General Chemistry: Dr. Crenshaw.

Laboratory Work: Miss Lanman and Mrs. Crenshaw.

The course does not presuppose any knowledge of chemistry. During the first semester, the nature of chemical action is taught in the classroom by lectures that are illustrated by a series of experiments in which the more important substances are made and transformed, the time being spent largely on the non-metals. Throughout the semester the lectures and the laboratory work are complementary.

2nd Semester.

The Chemistry of the Metals: Dr. Richtmyer.

Laboratory Work: Miss Lanman and Mrs. Crenshaw.

During the second semester, this course deals with the properties of the more important metallic elements and their compounds. The methods of separation employed in the laboratory are discussed, and the fundamental principles upon which these methods of separation are based are emphasized. The lectures are supplemented by required private reading.

The laboratory work consists of qualitative analyses. The students are first taught to identify the basic and acidic constituents of solutions; later they are required to carry out analyses of a few alloys and salts.

SECOND YEAR

Credit: One and one-half units

Full Year Course.

1st Semester.

Organic Chemistry: Dr. Richtmyer.

Laboratory Work: Dr. Richtmyer.

During the first semester the methods of preparation and the behaviour of the various classes of organic compounds are studied. Emphasis is laid on the processes of reasoning by which the constitution of organic compounds is established.

The laboratory work is devoted to organic preparations. Simple representatives of the more important classes of organic compounds are first prepared and their typical reactions studied. After a familiarity with the methods of dealing with organic substances has been gained, syntheses of a few of the more complex organic compounds are carried out.

2nd Semester.

Lectures on Elementary Physical Chemistry: Dr. Crenshaw.

Laboratory Work: Miss Lanman.

During the second semester chemical facts are considered from the point of view of common and exact relations and from these relations the laws and theories of chemistry are developed. Special attention is paid to the atomic theory, the laws of gases, the theory of solutions and electro-chemistry. Private reading and outside preparation amounting to at least three and a half hours are required.

The laboratory work consists of quantitative analyses. Each exercise is important in itself and illustrates some principle or involves some manipulation of general application in analytical work.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to select some of these courses.

*Advanced Courses**Full Year Courses.*

Physical Chemistry: Dr. Crenshaw.

Credit: One and one-half units.

(Given in each year)

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

The laboratory work is designed to prepare the students for physico-chemical research. By special arrangement this course may count for more than one and one-half units of credit.

Advanced Organic Chemistry: Dr. Richtmyer.

Credit: One unit.

(Given in each year)

The course consists of lectures and assigned reading with occasional reports and laboratory work. During the past year the following subjects received particular emphasis: quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

By special arrangement this course may count for more than one unit of credit.

Inorganic Chemistry: Miss Lanman.

Credit: One unit

(Given in each year)

Selected topics in inorganic chemistry are discussed in detail and parallel reading is required. The laboratory work consists of advanced quantitative analyses. By special arrangement this course may count for more than one unit of credit.

HONOURS WORK

Students specially recommended by the department may register for honours work in any one of the three advanced courses. A minimum of one and one-half units of work must be taken in the particular advanced course chosen.

Honours

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Classical Archæology

PROFESSORS:	RHYS CARPENTER, Ph.D. MARY HAMILTON SWINDLER, Ph.D.
ASSOCIATE PROFESSOR:	VALENTIN MÜLLER, Ph.D.
DEMONSTRATOR:	HENRIETTA HUFF, A.B.

Undergraduate courses of five units are offered affording an introduction to the various branches of classical archæology. They are fully illustrated with lantern slides and photographs are available for review and comparison.

Courses begun in the first semester must be continued in the second semester.

Allied Subjects:

Ancient History
Greek
History of Art
Latin

FIRST YEAR

Credit: One unit

Full Year Course.

Greek Sculpture and Ancient Painting: Dr. Carpenter and Dr. Swindler.

1st Semester.

Greek Sculpture.

During the first semester the work is a critical study of the rise, perfection and ultimate developments of sculpture in Greece. The course is intended as a general introduction to the principles and appreciation of sculpture.

2nd Semester.

Ancient Painting.

During the second semester the course traces the development of ancient painting. The material studied includes Egyptian and Cretan frescoes, Greek vases, Pompeian wall paintings and the paintings from Etruscan sites.

SECOND YEAR

Credit: One and one-half units

Full Year Course.

Ancient Athens and Ancient Rome: Dr. Carpenter and Dr. Swindler.

Credit: One-half unit.

1st Semester.

During the first semester the monuments and the life of ancient Athens and other Greek towns are studied.

2nd Semester.

During the second semester the course deals with the art and material civilization of Rome through Republican and Imperial times. The work begins with a study of Etruscan civilization. The course is intended as an introduction to Roman art, especially sculpture and painting.

Full Year Course.

Egyptian and Mesopotamian and Ægean Archæology. *Credit: One unit.*

(Given in each year)

1st Semester.

Egyptian and Mesopotamian Archæology: Dr. Müller.

During the first semester the work is a study of the arts of Egypt, Mesopotamia, Persia and the smaller intermediate cultures of Eastern Asia Minor, Syria (Hittite art), Phœnicia and Palestine. Architecture, sculpture, relief work and minor arts are dealt with, their principles and evolution from prehistoric times until the end of the ancient world.

2nd Semester.

Ægean Archæology, Crete, Mycenæ and the Islands from 3000 to 1100 B. C.: Dr. Swindler.

ADVANCED UNDERGRADUATE COURSE

Full Year Course.

Ancient Architecture: Dr. Müller.

Credit: One unit.

*Advanced
Course*

1st Semester.

During the first semester the introductory lectures deal with Egyptian, Babylonian, Assyrian, Persian and Ægean building. The remainder of the semester is devoted to a detailed study of the principles and practice of Greek architecture until late Hellenistic times. Emphasis is laid on architectural evolution and its connection with the civilization of the period.

2nd Semester.

During the second semester the Architecture of Rome and the Roman Empire down to the late Imperial times are studied.

HONOURS WORK

Honours work is offered by the department for students who have completed two years of work in the department with distinction.

Honours

The work is conducted by means of reports, reading assigned in various fields and discussion of topics.

1st Semester.

Greek Vase-Painting: Dr. Swindler.

In 1933-34 the work deals with Greek Vases. Various styles and masters are studied and some of the problems connected with Greek Vases, such as *Kalos* names, Etruscan trade relations and their significance and the importance of Greek Vases for certain aspects of Greek life, e. g. of the vases dealing with the theatre and religious subjects.

2nd Semester.

Archaic Greek Sculpture: Dr. Müller.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Economics and Politics

PROFESSORS:

MARION PARRIS SMITH, Ph.D.

CHARLES GHEQUIERE FENWICK, Ph.D.

ROGER HEWES WELLS, Ph.D.

The undergraduate instruction offered in this department includes four units of first and second year work; one-half unit of free elective work and

one or more units of advanced work. The object of the undergraduate courses in economics and politics is three-fold: first, to describe the development of economic and political institutions; second, to trace the history of economic and political thought, and third, to consider the practical economic and political questions of the day. Instruction is given by lectures, individual and group conferences, assigned readings, oral and written quizzes, written reports and such special class-room exercises and field trips as the different subjects require.

Allied Subjects:

History
Labour Movements
Mathematics
Philosophy
Psychology

FIRST YEAR

Credit: Two units

Full Year Course.

**Major
Course**

The Economic World: Dr. Wells.

Credit: One unit.

(This course may be taken as a free elective.)

The object of the course is to familiarize students with the economic world in which they live.

The course is not only intended as a foundation for the students who wish to specialize in economics, but also for the students whose interests lie in other fields and yet who desire a survey of the more important problems of economic life.

1st Semester.

During the first semester the course deals with Agriculture; Manufacturing and Marketing; Public Utilities and Trusts; Labour and Population Problems; Programs of Economic Reform.

2nd Semester.

During the second semester the course deals with Money and Banking; Organized Exchanges; Business Cycles; International Trade; Public Finance.

Full Year Course.

Modern Governments: Dr. Fenwick and Dr. Wells.

Credit: One unit.

(This course may be taken as a free elective.)

The course is designed to present the structure and functions of federal, state and municipal government in the United States, together with an examination of the party system and its effects upon the actual operations of government. It is followed by a comparative study of the leading European governments, chiefly those of Great Britain, France, and Germany.

SECOND YEAR

Credit: Two units

Full Year Course.

Economic Theory and Problems in the Nineteenth and Twentieth Centuries: Dr. M. P. Smith.

Credit: One unit.

(This course may be taken only by students who have completed the first year course in economics.)

The object of the course is to trace the history of western thought on such subjects as the just distribution of wealth, property and slavery, capital and usury, the wages of

labour and value and price and to familiarize the students with modern economic theory. The latter part of the course is devoted to a study of selected problems of the modern economic world; cost of living, unemployment, the business cycle, etc.

1st Semester Course.

History of Political Thought: Dr. Wells. *Credit: One-half unit.*

(This course may be taken only by students who have completed the first year course in politics.)

The course is devoted to the history of western political thought. Some attention is given to Greek, Roman and medieval theories but the main emphasis is placed upon the development of political ideas in modern times. Selections from the writings of Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, T. H. Green, Laski, and others are read by each student as a basis for class discussions. Lectures and general reading are also included in the course and each student is expected to write one report dealing with some selected topic.

2nd Semester Course.

International Law: Dr. Fenwick. *Credit: One-half unit.*

(This course may be taken only by students who have completed the first year course in politics.)

The object of the course is to examine the existing rules of international law in order to determine their origin, their general observance and their applicability to the changed conditions of modern life. Special stress is laid upon the interpretation of international law by the United States and upon the organization and functioning of the League of Nations and the World Court.

ADVANCED UNDERGRADUATE COURSE

The advanced courses are designed to bridge over the interval between the ordinary undergraduate courses and graduate work. Since the amount of time given to undergraduate courses varies in different colleges, graduate students often find it advisable to elect some of these courses.

Advanced Courses

Full Year Course.

Political and Economic Problems: Dr. Wells. *Credit: One unit.*

(Given in 1933-34)

(This course is open only to students who have completed the first and second year courses in economics or in politics.)

The object of this course is to give advanced students training in the use of source material for studies in political and economic problems and in research methods useful for graduate or professional studies. The topics studied will vary from year to year according to the needs and interests of the students in the class, or as political and economic problems become centers of public attention.

FREE ELECTIVE COURSE

Full Year Course.

Elements of Law: Dr. Fenwick. *Credit: One-half unit.*

(Given in 1933-34)

The object of this course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The topics covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property and the chief forms of procedure. The lectures are supplemented by a study and discussion of court cases bearing on the subject.

This course may be elected only by students who have completed the first year course in politics or in economics or in history.

Free Elective Courses

HONOURS WORK

Honours Honours work is offered by this department to qualified students.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Education

This Department is organized in part from the Phebe Anna Thorne Endowment

PROFESSOR: AGNES LOW ROGERS, Ph.D.
 ASSOCIATE PROFESSOR: ILSE FOREST, Ph.D.
 INSTRUCTOR: E. LOUISE HAMILTON, Ph.D.

The undergraduate instruction offered in this department includes three units of free elective work.

The Department of Education maintains a clinic for the mental and educational examination of school children. It offers psychological service to the schools of the vicinity.

The clinic is housed in a building behind Cartref where rooms have been equipped for the individual examination of pupils and for remedial work with pupils. There is a laboratory for the statistical work involved in school service carried on by the department. In addition to intensive studies of individual children who are failing with school work, testing programs have been carried through in schools, and complete psychological service has been supplied to one large school. The clinic is prepared to extend this service to other schools. In the clinic there is a collection of tests for these purposes together with measurement devices of all types and it is equipped also with remedial materials.

FREE ELECTIVE COURSES

Full Year Courses.

*Free
 Elective
 Courses*

Mental and Educational Measurement; *Credit: One unit.*
 Laboratory Work: Dr. Rogers.

(Given in each year)

A broad survey of the aims, methods and results of mental measurement in education at various levels.

Major Topics: significance of the testing movement. Available tests and scales, critical evaluation of tests; technique of administering tests, methods of scoring and interpreting results, use of results in classification of pupils and other problems.

It prepares the student for more specialized practical work in the application of tests in educational problems, vocational guidance, etc. This course is open to students who have taken the course in Mental Tests and Measurements or its equivalent. (See page 82.)

Child Psychology: Dr. Forest. *Credit: One unit.*

(Given in each year)

This course deals with the psychological aspect of child development. A study is made of the mental and emotional characteristics of growing children, with special reference to the problems of training and guidance arising at various age levels.

Principles of Education: Dr. Forest. *Credit: One unit.*

(Given in each year)

1st Semester.

This course treats of the principles basic to educational procedure. During the first semester the origin and significance of present controversies in education is presented through a study of the rise and development of educational institutions.

2nd Semester.

During the second semester special emphasis is placed upon the philosophy and the practice of modern progressive schools.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

English

PROFESSORS:	LUCY MARTIN DONNELLY, A.B. SAMUEL CLAGGETT CHEW, Ph.D.
ASSOCIATE PROFESSORS:	STEPHEN JOSEPH HERBEN, JR., Ph.D. CLARA MARBURG KIRK, Ph.D.
ASSOCIATES:	ENID GLEN, Ph.D. CORNELIA LYNDE MEIGS, A.B.
NON-RESIDENT LECTURERS:	SAMUEL ARTHUR KING, M.A. MINOR WHITE LATHAM, Ph.D.
INSTRUCTORS:	HORTENSE FLEXNER KING, M.A. MARY KATHARINE WOODWORTH, M.A. KATHRINE KOLLER, Ph.D.

The undergraduate instruction offered in English includes lectures and recitations on English Composition, required of every candidate for the Bachelor's degree, six units of first year, second year and advanced English; three units of free elective work; one unit of elective work in English diction and honours work.

Students majoring in English must offer Greek or Latin for the required work in Literature and must complete one unit of first year work, two units of second year work and one unit of advanced work. Students who wish to specialize in the field of Old or Middle English must take at least one course in the later period and students specializing in modern literature must take one course in the earlier period. Any of the second year courses, and in special cases any of the advanced courses, may be taken separately as free electives by students who have completed the first year course.

COMPREHENSIVE EXAMINATION

A comprehensive examination over the general field of English Literature will be required of all students electing English as a major.

Allied Subjects:

History
History of Art
Any language or literature
Philosophy

ENGLISH COMPOSITION

*Credit: One unit**Full Year Courses.***Required Courses**

English Composition: Dr. Kirk, Dr. Glen, Miss Woodworth, Miss Meigs, Dr. Koller. *Credit: One unit.*

A study of the forms of composition based upon reading in the prose and poetry of the Nineteenth Century and the present time.

The Principles of Articulation: Mr. King.

This course deals with a system of oral gymnastics, by which a distinct, firm and fluent articulation can be acquired. The means of instruction for improving the quality of the speaking voice and for acquiring a correct production are pointed out. Special attention is paid to the cure of nasality and other vicious habits of speaking. The common errors of articulation and the vulgarisms constantly heard in every-day speech are clearly defined. *This course is required for the degree and must be taken by all students registered for the course in English Composition, but does not count in the required fifteen units.*

FIRST YEAR

*Credit: One unit**Full Year Course.***Major Course**

English Literature: Dr. Herben, Miss Woodworth, Dr. Koller.

Credit: One unit.

A survey of English literature from the Early English Period to the Romantic Movement. The lectures are supplemented by class discussions and written tests. The reading includes the best and most representative works in the field of the lectures.

SECOND YEAR

*Credit: Two units**Full Year Courses.*

English Literature of the Middle Ages: Dr. Herben. *Credit: One unit.*

Sufficient instruction is given in Middle English to enable the student to read ordinary texts intelligently. Lectures and recitations deal with the important currents of medieval English literature with special emphasis upon Chaucer and his contemporaries. Reports are required from each student.

English Literature of the Romantic Period: Dr. Chew. *Credit: One unit.*

The eighteenth-century background; the poetry of the period; the essay and novel and the influence of continental literature upon English literature are the chief topics in the course. Reports are required from each student.

ADVANCED UNDERGRADUATE COURSES

*Full Year Courses.***Advanced Courses**

English Literature from Dryden to Johnson: Miss Donnelly.

*Credit: One unit.**(Given in each year)*

Dryden, Swift, Pope, Addison, Johnson and other writers are studied, in connection with the development of classicism. Reports are required from each student.

English Critics of the Nineteenth Century: Miss Donnelly.

*Credit: One unit.**(Given in 1934-1935)*

Carlyle, Ruskin, Arnold, Pater and, if time allows, two or three other writers are studied with regard to their theories of criticism and their influence upon the thought of their time. Reports are required from each student.

Tudor and Stuart Drama: Dr. Chew. *Credit: One unit.*
(Given in 1934-35)

A review of the earlier periods of the drama is followed by more detailed study of the dramatists from Lyly and Marlowe to Ford and Shirley. The lectures deal in part with aspects of contemporary life as reflected in the drama. Reports are required from each student.

Elizabethan Drama: Dr. Glen. *Credit: One unit.*
(Given in 1933-34)

The course is mainly a detailed study of the plays of Shakespeare. The predecessors are briefly reviewed and some time is devoted to Jacobean dramatists whose work is important for an understanding of Shakespeare. Reports are required from each student.

Old English Literature; Beowulf: Dr. Herben. *Credit: One unit.*
(Given in 1933-34 and again in 1935-36)

The first part of the course is devoted to an outline of Old English grammar. Graded selections of Old English prose and poetry are read, followed by the *Beowulf* entire.

Private Reading. *Credit: One-half unit.*

For students who elect English as a major. Reading under direction to supplement the regular courses for which a time allowance is made. Occasional conferences are held.

FREE ELECTIVE COURSES

Full Year Courses.

English Poetry from Arnold to Bridges: Dr. Chew. *Credit: One-half unit.*
(Given in 1934-35)

Arnold, Clough, Thomson; the Pre-Raphaelite Movement, Morris, Swinburne; Meredith, Hardy; and later developments such as the Celtic Poets, the Imperialists and the "Decadents." A report is required from each student in each semester.

The Modern Novel: Dr. Kirk. *Credit: One-half unit.*
(Given in 1933-34)

A study of the novel in England and America from Dickens and Thackeray to the present time.

Contemporary Verse: Mrs. King. *Credit: One-half unit.*
(Given in each year)

A study of significant poets from 1912 to the present. Reports will be given by students and original verse (not required) will be discussed.

Criticism: Dr. Kirk. *Credit: One-half unit.*
(Given in each year)

Discussion of the principles of criticism; practice in writing articles and reviews.

Experimental Writing: Miss Meigs. *Credit: One-half unit.*
(Given in each year)

Practice in various forms of writing according to the interests of each student.

Fiction: Miss Meigs. *Credit: One-half unit.*
(Given in 1933-34)

A study of the short story and the novel, reading in contemporary fiction, and writing exercises in both forms.

Play Writing: Dr. Latham. *Credit: One-half unit.*
(Given in each year)

The modern drama is studied in connection with the writing of plays.

*Free
Elective
Courses*

HONOURS WORK

Honours

In the second year and advanced courses work in special fields or subjects is offered to students who are recommended by the department for honours in English. Such work is related to the courses the student is following but adapted to her individual interests. It consists of independent reading, reports and conferences, followed by special examinations.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

French

PROFESSOR AND DEAN OF THE

GRADUATE SCHOOL:

EUNICE MORGAN SCHENCK, Ph.D.

ASSOCIATE PROFESSORS:

GRACE FRANK, A.B.

JEAN M. F. CANU, *Agrégé*

*MARGARET GILMAN, Ph.D.

ASSOCIATE:

†MADELEINE SOUBEIRAN, *Agrégée*

LECTURER:

Appointment to be announced later.

INSTRUCTORS:

BERTHE-MARIE MARTI, M.A.

MARGARET DENT DAUDON, A.B.

The undergraduate instruction offered in this department covers five and one-half units of lectures and recitations a week; it includes two and one-half units of undergraduate first and second year work; two units of advanced courses, open only to graduates and to undergraduates who have completed the major course in French and one unit of free elective. All the courses in French except the elective course and the seminars in Old French are conducted in the French language.

ADVANCED STANDING

An advanced standing examination in French, that is an examination taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Students who are successful in this examination will receive credit for one-half unit of elective work in French and, if they enter the first year French course, will be allowed to substitute additional work in literature for the language work of that course.

UNDERGRADUATE STUDY IN FRANCE

Students who have chosen French as their major subject and who have at the end of their Sophomore year completed the major course, may by a joint recommendation of the Dean of the College and the Department of French be allowed to spend their Junior year in France according to the "Delaware Foreign Study Plan."

* Granted leave of absence for Semester II of the year 1933-34. The courses announced by Dr. Gilman will be given by an instructor to be announced later.

† Granted leave of absence for Semester I of the year 1933-34. The courses announced by Miss Soubeiran will be given by an instructor to be announced later.

This plan provides for one year's supervised undergraduate study. The year is divided into two periods, a three-month preliminary period, from the last week in July to the last week in October and the regular French academic session of eight months, November 1 to June 30. The preliminary period is spent at the University of Nancy. The regular session is spent in Paris, at the University of Paris and the Ecole Libre des Sciences Politiques.

The list of subjects available includes literature, history, history of art and economics. The formal lecture system of the French universities is supplemented by tutorial system classes arranged for the Foreign Study group. Private lessons in composition and diction are given throughout the year.

The students live in French families where they speak the language and gain some knowledge of French life. They also have the advantage of a carefully arranged programme of "extra-curriculum activities," which includes operas and plays, as well as excursions in France and adjacent countries.

Only those students will be recommended who have shown a natural aptitude for the French language, have a high average in their college work and seem in the opinion of the Dean and the Department of French well qualified to represent the college.

Allied Subjects:

History
History of Art
Any language
Philosophy

MAJOR COURSE

Entrance to the major course in French presupposes as much knowledge as is required to pass the matriculation examination in this subject.

*Major
Course*

FIRST YEAR

Credit: One unit

Full Year Course.

The History of French Literature of the Nineteenth Century with practical exercises in the French language.

1st Semester.

Division A. Mr. Canu.

Division B. Dr. Gilman.

2nd Semester.

Division A. Dr. Gilman.*

Division B. Miss Soubeiran.*

Students are assigned to divisions after an aural test.

* Granted leave of absence for Semester II of the year 1933-34. This course will be given by an instructor to be announced later.

SECOND YEAR

*Credit: One and one-half units**Full Year Course.**1st Semester.*

The History of French Literature of the Seventeenth Century, accompanied by collateral reading: Miss Soubeiran.*

Practical Exercises in the French Language.

Division A. Dr. Gilman.

Division B. Miss Soubeiran.*

2nd Semester.

The History of French Literature of the Eighteenth Century, accompanied by collateral reading: Mr. Canu.

Practical Exercises in the French Language.

Division A. Dr. Schenck.

Division B. Dr. Gilman.†

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Full Year Courses.

Studies in the Historical Background of French Literature: Mr. Canu.

Credit: One unit.

(Given in 1933-34)

French Lyric Poetry since 1850: Dr. Gilman.

Credit: One unit.

(Given in 1934-35)

This course is conducted according to the method of the "Explication de Textes" used in the French Universities.

Introduction to Mediaeval Literature and Philology: Miss Marti.

Credit: One unit.

(Given in 1933-34)

French Literature of the Sixteenth Century: Miss Soubeiran.

Credit: One unit.

(Given in 1934-35)

FREE ELECTIVE COURSE

*Full Year Course.**Free Elective Course*

Modern Tendencies in French Literature: Dr. Schenck. *Credit: One unit.*

(Given in each year)

Lectures, class discussion and reports are in English; the reading in connection with the course is in French.

Only those students will be admitted who have completed the course in First Year English Literature or the second year course in French Literature.

* Granted leave of absence for Semester I of the year 1933-34. This course will be given by an instructor to be announced later.

† Granted leave of absence for Semester II of the year 1933-34. This course will be given by an instructor to be announced later.

HONOURS WORK

After the completion of the second year course a student may be recommended by the department for honours in French. Such students work in special fields adapted to their own interests under the direction of members of the department.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Geology

ASSOCIATE PROFESSOR:

EDWARD H. WATSON, Ph.D.

ASSOCIATES:

A. LINCOLN DRYDEN, JR., Ph.D.

DOROTHY WYCKOFF, Ph.D.

DEMONSTRATOR:

MARJORIE STARR BEST, M.A.

Undergraduate work in this department includes two and one-half units in first and second year work and a possible maximum of four and one-half units of advanced work. To major in geology an undergraduate must take the first and second year courses, and at least four additional units in advanced geology and allied subjects, of which at least one unit must be in the major subject. All students majoring in geology are strongly advised to take at least one course in an allied subject.

Allied Subjects:

Biology

Chemistry

Physics

Other subjects may be accepted in special cases

FIRST YEAR

*Credit: One unit**Full Year Course.**1st Semester.*

Physical Geology: Dr. Watson.

Field Work and Laboratory Work: Dr. Watson, Dr. Wyckoff, Miss Best.

**Major
Course**

During the first semester the lectures deal primarily with the processes that alter the form of the surface of the earth. The effects of wind, rivers, glaciers, oceans, volcanoes and mountain building forces are considered. During October and November a field excursion is taken once a week to localities of geologic interest. These trips illustrate the composition, origin, folding and erosion of rock masses. In the laboratory, which is held during December and January an elementary study of minerals, rocks and land forms as illustrated by topographic maps is undertaken.

2nd Semester.

Historical Geology: Dr. Dryden.

Laboratory Work: Dr. Dryden and Miss Best.

During the second semester the history of the earth is sketched from the cosmogonies of Chamberlin and Jeans to the beginnings of historical times. The rock series from

Archean to Pleistocene are described, particularly as to: their mode of formation; climatic and geographic conditions shown by their character; the organic forms contained in them; and the economic products which have often rendered them valuable. In the laboratory, especial attention is devoted to study of fossils typical of the various ages. Work with areal geologic maps is utilized to show the methods of using such publications. In the Spring a field trip of a few days' duration will probably replace several laboratory periods.

SECOND YEAR

Credit: One and one-half units

The work of the first semester is divided into two parts which are independent and run concurrently.

1st Semester Courses.

Introductory Paleontology: Dr. Dryden.

Laboratory Work: Dr. Dryden and Miss Best.

Four lectures and one afternoon of laboratory work weekly.

The course is essentially a study of the morphology of different fossil groups, their distribution in, and relation to, the enclosing sediments. A general review of the biology of the groups is undertaken and their ecology treated by reference to similar modern forms. The laboratory consists of (1) systematic examination and discussion of the fossil collections; (2) reports dealing with various phases related to the lecture subjects.

Crystallography: Dr. Watson and Dr. Wyckoff.

One lecture and one afternoon of laboratory work weekly.

The general principles of crystallography are first considered, including the derivation of the thirty-two classes of crystals. The symmetry of crystal forms is illustrated in the laboratory at first by the study of models, and later by practice in crystal measurement with the two circle goniometer, and in crystal projection and crystal drawing. The course in crystallography is open to students majoring in chemistry or physics who have had no previous work in geology.

2nd Semester Course.

Descriptive and Determinative Mineralogy: Dr. Watson.

Laboratory Work: Dr. Watson and Dr. Wyckoff.

Three lectures and two afternoons of laboratory weekly.

In the lectures a systematic discussion of all the important mineral groups is undertaken, illustrated from the large mineral collection of the college. In the laboratory minerals are studied and determined by means of blow-pipe analysis and chemical tests. In the spring field trips to nearby mineral localities will replace some of the laboratory work.

It is advisable that the student have a knowledge of elementary chemistry before taking this course. Students majoring in chemistry may enter without having had a previous course in geology.

ADVANCED UNDERGRADUATE COURSES

Certain of the advanced undergraduate courses are designed to give a general training in geology, whereas others provide special training for independent work. All of the courses listed are not given in any one year, and the content of some of them may be varied to meet the interests and training of the students.

Full Year Courses.

Advanced General Geology: Dr. Watson, Dr. Dryden, Dr. Wyckoff.

Credit: One unit.

This course is open to students who have had the first and second year geology. Students who have had only the first year course may be admitted at the discretion of the department. It is intended to give a broader conception of the science of geology as a whole than can be gained from the more specialized courses that are offered by the department. Many of the topics introduced in First Year Geology are reconsidered in a more fundamental way, the chief emphasis being laid upon the theories underlying modern research methods in geology, and upon the relation of all these fields of research to each other and to other sciences.

Topics such as the following may be considered in the course: isostasy and mountain building; continental drift; radioactivity and geology; the nature and origin of rocks; the distribution of mineral deposits; evolution in geologic time; geologic climates; the problems of petroleum; methods of correlation in geology; seismology and the character of the earth's interior.

Each member of the department will conduct that part of the course which lies within his own field of work.

Optical Mineralogy: Dr. Wyckoff.

Credit: One and one-half units.

Two lectures and eight hours of laboratory weekly.

The first part of the course is devoted to lectures and laboratory work on the optical properties of crystals, the theory of the petrographic microscope and the elements of petrographic methods. This is followed by a discussion of the constitution of the silicates, as indicated by their chemical composition, and their crystalline structure as revealed by the use of x-rays. In the latter part of the course, a systematic discussion of the silicates is given, with particular emphasis on their chemistry and optical properties. The laboratory work deals with the determinative mineralogy of the silicates, especially by optical methods. Practice is given in the determination of crushed material by the immersion method, and in the study of thin sections of rocks.

Crystallography and determinative mineralogy are prerequisite to this course.

Physiography: Dr. Dryden.

Credit: One unit, or one-half unit.

Laboratory work: Dr. Dryden and Miss Best.

Three lectures and one afternoon of laboratory a week. Special emphasis is placed on a study of the physiographic provinces of the United States. The basis of this study, however, is the general areal geology of the regions discussed, and their physiography will be considered as surface expression of the underlying formations, as modified by constructive and destructive processes. Regular reports on general geology, structure, glaciation, etc., are an important part of the work. Physical and historical geology are prerequisite to this course.

Field Methods in Geology: Dr. Watson, Dr. Dryden, Dr. Wyckoff.

Credit: One unit, or one-half unit.

Two lectures and one afternoon period will be given weekly. The methods of geologic surveying and mapping, with the interpretation of field structures, will be considered. In the spring and fall actual problems in the field will be undertaken, including plane-table surveying.

HONOURS WORK

Honours work in any of the advanced fields is offered to any student who has completed the first two years in geology with distinction.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

German

ASSOCIATE PROFESSORS:	MAX DIEZ, Ph.D. FRITZ MEZGER, Ph.D.
ASSOCIATE:	MYRA RICHARDS JESSEN, Ph.D.
INSTRUCTOR:	MARTHA MEYSENBURG DIEZ, M.A.

The instruction offered in this department covers eight units; it includes one unit of elementary German; two and one-half units of undergraduate first and second year work and two and one-half units of advanced courses, open to graduates and to undergraduates who have completed the major course in German. All the courses in German except the extra-curriculum reading courses are conducted in the German language.

ADVANCED STANDING

An advanced standing examination in German, that is an examination taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college after consultation with the department.

Allied Subjects:

English
History
History of Art
History of Music
Any language
Philosophy

ELEMENTARY COURSES

Full Year Courses.

Elementary Courses

Elementary German.

Credit: One unit.

A class for beginners, conducted in five sections.

The purpose of this course is to lay the foundation for a reading knowledge of German. Students are expected to complete this reading knowledge before coming up for the general language examination in German, either by private reading during the summer or, during the following year, under the direction of the German Department in the extra-curriculum course in Supervised Reading.

Students of exceptional ability (85 or over) are given an opportunity to complete the development of their reading knowledge during the second semester of the course by devoting more time to reading, meeting the instructor twice a week for conference instead of attending classes.

Elementary German Reading.

Credit: One-half unit.

The course is designed to develop the student's reading knowledge of German, preparatory to the German language examination.

Open to freshmen who have had two years of German in high school and to seniors who have failed to pass the general language examination. Seniors will not receive credit for this course.

Supervised German Reading.

No credit.

The course is designed to develop the student's reading knowledge of German. A review of grammar and weekly reading assignments. Weekly conferences.

Open to students who have passed Elementary German.

MAJOR COURSE

The major course in German is open to students who have passed the matriculation examination in this subject (Cp. 3) or the Bryn Mawr general reading examination in German or who have passed the course in Elementary German with the grade of 85 or over.

Major Course

FIRST YEAR

*Credit: One unit**Full Year Course.*

The Age of Goethe: Dr. Diez and Mrs. M. M. Diez.

The course includes lectures on the history of German Literature in the Classical and Romantic Periods; collateral reading of the principal works of Goethe, Lessing, Schiller, Kleist, Grillparzer and the Romanticists; intensive study in class of Goethe's shorter poems and Faust. There are exercises in German Composition with private conferences.

SECOND YEAR

*Credit: One and one-half units**Full Year Course.*

German Literature: Dr. Diez.

The course includes lectures on the History of German Literature from the beginning to the present time.

1st Semester.

During the first semester the work is devoted largely to the literature of the Hohenstaufen period.

2nd Semester.

During the second semester the period from Goethe's death to the present time is covered.

Full Year Course.

Reading and Composition: Dr. Jessen.

Karl Remme: Deutschland is used throughout the year.

1st Semester.

During the first semester the course takes up various phases of "Heimatkunst": the "Dorfgeschichte" of Brentano, Gotthelf, Droste-Hülshoff and Keller.

2nd Semester.

During the second semester, Anzengruber, Storm and Schmidtbonn are studied.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work.

*Advanced Courses**Full Year Course.*

Germanic Philology and Literature: Dr. Mezger.

*Credit: One unit.**(Given in 1933-34)**1st Semester.*

Introduction to German Philology.

2nd Semester.

Middle High German Literature.

During the second semester Wolfram von Eschenbach, Gottfried von Strassburg, Hartmann von Aue, Walther von der Vogelweide and Nibelungenlied will be studied.

Full Year Courses.

German Literature from "Realismus" to "Neue Sachlichkeit:" Dr. Mezger. *Credit: One unit*

(Given in 1934-35)

Selected works of Keller, Meyer, Storm, Thomas Mann, Stehr; Hauptmann, George, Rilke and Werfel will be read. The main trend of modern German thought will be studied.

The German Drama: Dr. Jessen. *Credit: One unit.*

(Given in 1933-34)

The German "Novelle": Dr. Jessen. *Credit: One unit.*

(Given in 1934-35)

The German Lyric and Ballad: Dr. Jessen. *Credit: One unit.*

(Given in 1935-36)

Advanced Composition: Dr. Jessen. *Credit: One-half unit.*

(Given in 1934-35, or in other years if desired)

HONOURS WORK

Honours

Special work for honours is offered to students of unusual ability.

Students wishing to become candidates for honours in German should present themselves for a comprehensive examination on the history of German literature in the autumn of the year in which they wish to begin their honours work.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Greek

PROFESSORS:	HENRY NEVILL SANDERS, Ph.D.
	RHYS CARPENTER, Ph.D.
INSTRUCTOR:	RUTH FAIRMAN, M.A.

The undergraduate instruction offered in this department includes two and one-half units of first and second year work and two units of advanced undergraduate work open to graduates and to undergraduates who have completed the major course in Greek. Honours work is offered by this department.

The Greek courses may not be offered for examination for advanced standing without class attendance.

Allied Subjects:

- Ancient History
- Archæology
- Any language
- Philosophy

ELEMENTARY COURSES

Elementary courses are provided for those students who wish to begin the study of Greek. *Elementary Courses*

Full Year Courses.

Part I, Grammar and Composition and Xenophon's *Anabasis*: Miss Fairman. *Credit: One unit.*

Part II, Homer: Miss Fairman. *Credit: One-half unit.*

Part II must be taken by students entering First Year Greek if they have not already completed matriculation in Homer.

FIRST YEAR

Credit: One unit

*Full Year Courses.**1st Semester.*

Plato, *Apology* or *Protagoras* or *Phaedo* and Greek Prose Composition: Dr. Sanders. *Major Course*

Sophocles, *Antigone*: Dr. Sanders.

Private reading:

Euripides, *Alcestis*, ll. 1 to end. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

2nd Semester.

Euripides, *Medea* and Greek Prose Composition: Dr. Sanders.

Herodotus: Dr. Sanders.

Private reading:

Sophocles *Philoctetes*, ll. 1-1080 and 1218-1313. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

SECOND YEAR

Credit: One and one-half units

*Full Year Course.**1st Semester.*

Demosthenes and Æschylus: Dr. Sanders. *Credit: One unit.*

During the first semester work in Greek prose composition is given in connection with the lectures on Demosthenes and Thucydides.

2nd Semester.

Thucydides and Sophocles: Dr. Sanders.

*Full Year Course.**1st Semester.*

Aristophanes: Dr. Carpenter. *Credit: One-half unit.*

2nd Semester.

Plato, *Republic*: Dr. Carpenter.

Private reading:

1st Semester.

Æschylus, *Persae*. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

2nd Semester.

Euripides, *Electra*. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The following courses are offered for advanced work and honours, for selection by students in consultation with the department. Each course counts for one-half unit and is given for one semester and it includes an assignment of private reading in Greek texts or work in syntax. One unit of advanced work is the minimum requirement for students who offer Greek as a major subject.

Attic Tragedy;	Plato;
Pindar and Bacchylides;	Pindar;
Attic Orators;	Melic Poets;
Historians;	Homer;
Rhetoricians: Dr. Sanders.	Lucian: Dr. Carpenter.

HONOURS WORK

Honours

Honours work is offered in this department to qualified students.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

History

PROFESSORS:	HOWARD LEVI GRAY, Ph.D.
	WILLIAM ROY SMITH, Ph.D.
	CHARLES WENDELL DAVID, Ph.D.
DEAN OF THE COLLEGE:	HELEN TAFT MANNING, Ph.D.
ASSOCIATE PROFESSOR OF LATIN:	THOMAS R. S. BROUGHTON, Ph.D.
ASSOCIATE:	CAROLINE ROBBINS, Ph.D.

The undergraduate instruction offered in this department comprises seven and one-half units; it includes five units of first and second year work; two units of advanced work (open only to graduates and undergraduates who have completed the major course in history) and one unit of honours work.

Undergraduate instruction offered in history comprises a general course in the history of Europe followed by several somewhat specialized courses. The first is a prerequisite to any of the others except the courses in ancient history. Students not majoring in history may elect the general course and afterward any of the second year courses. Of the specialized courses two are devoted to civilization of the middle ages and the renaissance, two to continental Europe from the sixteenth to the nineteenth century, three to the history of England and the British Empire and two to the history of the United States. Somewhat more advanced are courses in England in the nineteenth century, Europe since 1870 and the United States since 1898. Concurrent with these is study preparatory for honours.

Whether the courses are general or specialized an attempt is made to teach history as a record of the development of man in his political, economic and social relations. The courses are, therefore, supplementary to other college study of a linguistic, literary, archaeological or artistic nature. Lectures are supplemented by reading of a varied character with little use of summary texts. To develop the student's initiative and independence of judgment, emphasis is put, after the first year, on the preparation of reports and upon the discussion of subjects studied.

For students who have shown marked ability in the first two years of their historical study provision is made for honours work. At the end of the senior year a general examination in history is offered and the satisfactory passing of this examination will entitle the student to receive her degree with Distinction in History.

Allied Subjects:

Economics and Politics
 English
 French
 German
 History of Art
 Philosophy

FIRST YEAR

Credit: One unit

Full Year Course.

Mediæval and Modern Europe: Dr. Gray, Dr. David, Dr. Manning and Dr. Robbins.

Major Course

1st Semester.

This course is designed not to give a summary view of European history but to select and enlarge upon such aspects of it as are essential to the understanding of the modern world. In consequence, more attention is devoted to the period beginning with the French Revolution than to the preceding centuries. During the first semester the ideal of a united Christendom as embodied in the Holy Roman Empire and the Catholic Church, the causes and effects of the Crusades, the rise of national states, the Reformation and the Counter Reformation, the maintenance of a European balance of power, the progress of colonization, the rise of Prussia and of Russia are among the topics considered.

2nd Semester.

During the second semester the political and social transformation of Europe which was initiated by the French Revolution is studied. The outcome of the Revolution, the career of Napoleon, the absolutist reaction of the early Nineteenth Century, the successive revolts against this, the formation of modern constitutional governments, the creation of the German Empire and the Kingdom of Italy, the extension of European influence to Asia and Africa, the causes and progress of the World War and the treatment of social problems of today are among the topics considered. The instruction is given by means of lectures, required reading and discussion.

SECOND YEAR

The second year work in history is arranged in semester courses and the credit for each is one-half unit. The student majoring in history must select as a minimum four of these semester courses and for them she will receive two units of credit.

1st Semester Courses.

History of the Renaissance: Dr. Gray.

Credit: One-half unit.

An endeavor is made to indicate in what ways mediæval life and thought were transformed into those of modern Europe. Political, economic, literary, artistic and scientific changes, therefore, are studied. Since Italians were prominent in the new movements, most attention is given to Italian history, but the innovations of the North, especially those connected with the new Burgundian State, are not neglected. The period extends in a general way from 1250 to 1527.

History of England to 1485: Dr. David.

Credit: One-half unit.

This course deals with English history in all its more important aspects from earliest times to the establishment of the Tudor monarchy. The following topics are among those considered: the civilization and institutions of the Anglo-Saxon period, the Norman Conquest and the development of the Anglo-Norman empire, the feudal régime and the national state, English relations with the church, Magna Carta, the origin and growth of Parliament, the rise of the towns and commerce, the Hundred Years' War and the Wars of the Roses, the social, economic and religious aspects of the fourteenth and fifteenth centuries.

Continental History from the Sixteenth to the Eighteenth Centuries:
Dr. Robbins.*Credit: One-half unit.*

This period provides opportunity for study of selected topics on the history of European institutions and cultural development in the Baroque Age. The influence of scientific discovery on thought and its relation to the religious, educational and economic controversies of the period: the part played by the Jesuits in contemporary politics: the growth of Spain and France: the decline of the Empire and the rise of Prussia: the spread of French culture in Germany: Italian society and politics during the "stagnant years": the reign of Solyman in Turkey: the duel of Russia under Peter and Catharine II with the Ottomans will be amongst the subjects read about and discussed in class.

As far as possible the course will supplement the narrative given in the first year history course and diplomatic history will, to a large extent, be omitted except in so far as it is necessary to explain changes in government, etc.

American History to 1789: Dr. W. R. Smith.

Credit: One-half unit.

This course deals primarily with the English colonization of America, but some attention is also paid to the early history of Spanish, Portuguese, Dutch and French imperial expansion. The latter part of the semester is devoted to the American Revolution and the period of transition from 1783 to 1789.

2nd Semester Courses.

Mediæval Civilization: Dr. David.

Credit: One-half unit.

Building upon the brief treatment of the first year course, this course is designed to give a broader and deeper knowledge of the Middle Ages through a study of selected topics, among which the following may be mentioned: the transformation of ancient culture and of Christianity in their transition from antiquity to the early Middle Ages, the effects of the Germanic invasions, the political, economic and social changes of the ninth and tenth centuries, the Carolingian revival of learning, Byzantine and Moslem civilizations and their influence upon the culture of western Europe, the Vikings and the Sagas, the revival of commerce and the rise of cities, the culmination of mediæval civilization in the twelfth and thirteenth centuries.

History of England since 1485: Dr. Robbins.

Credit: One-half unit.

Attention is given to the rise and character of Tudor and Stuart absolutism, parliamentary and local government, dynastic ambitions, foreign trade, the prosperity of the towns and the yeomen, the progress of the Reformation and the complications of affairs arising from religious changes.

British Imperialism: Dr. W. R. Smith.

Credit: One-half unit.

This course deals with the external history of the English people: the sea-rovers of the Sixteenth Century; the beginnings of American colonization; the contrast between the old colonial system and the new; the history of Canada, Australasia, South Africa, India, Egypt and other colonies and dependencies; the new imperialism of Beaconsfield and Chamberlain; the present position of England as a world power.

History of the United States since 1789: Dr. W. R. Smith.

Credit: One-half unit.

The aim of this course is to present the historical background necessary to enable students to discuss intelligently the more important social, industrial, political and diplomatic problems of the present day. The chief emphasis is placed upon the period since 1850.

The French Revolution and Napoleon: Dr. David.

*Credit: One-half unit.**(Given in 1934-35)*

This course treats of the history of France and of Europe from 1789 to 1815. Attention is paid to the broad background of the eighteenth century out of which the French Revolution developed, to the course of the Revolution itself and to the political, economic and social transformation of France and of Europe which resulted from it, to the rise of the military dictatorship under Napoleon and to the course of his long struggle with a hostile Europe, to the influence of Napoleon upon the institutions of France and of Europe and finally to the situation created by his overthrow.

ADVANCED UNDERGRADUATE COURSES

The advanced course is designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect this course.

*Advanced
Courses**1st Semester Courses.*

The United States since 1898: Dr. Smith.

Credit: One-half unit.

This course deals mainly with the imperial problems that followed the Spanish-American War, the expansion of American influence in the Caribbean and in the Pacific and the growth of the United States as a world power.

English History in the Nineteenth Century: Dr. Robbins.

*Credit: One-half unit.**(Not given in 1933-34)*

This course is planned as one in English domestic history from the ministries of the younger Pitt to the death of Edward VII. Reading will be assigned mainly from the excellent biographical material available and from the memoirs of the period. Amongst topics studied will be: the careers of Pitt, Wellington, Peel, Palmerston, Prince Albert, Gladstone, Manning, Disraeli and Joe Chamberlain; the cause of Parliamentary reform, Francis Place and the Suffragette movement; the Darwinian theories, the Oxford Movement and the reform of educational institutions; England's activity in Africa and Arabia, her relations with European powers and alliances; the connection between history and English literature during the period as shown by the political activities and literary figures. A short paper will be expected from each member of the class but most attention will be given to reading and class discussion. Each member of the class will, as far as possible, have opportunity to study that aspect of the period most interesting to herself.

Full Year Course.

Europe since 1870: Dr. Gray.

*Credit: One unit.**(Given in 1933-34)*

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbours, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles and the fortunes of old and new states in post-war Europe are among the subjects studied. A reading knowledge of French is required.

FREE ELECTIVE COURSE

Full Year Course.

Civilization of the Ancient World: Dr. Broughton.

*Credit: One unit.**(Given in 1933-34)*

Special attention is paid to Greece and Rome; but consideration is also given to the subject of pre-history, to the early civilizations of western Asia, Egypt and the Aegean region and to the influence of environment, race and culture upon human development. The course is planned to cover the period from earliest times to the Fourth Century A. D. (This course may be taken as a free elective and if elected must be continued throughout the year.)

HONOURS WORK

Honours

Honours Work: Dr. Gray, Dr. W. R. Smith, Dr. David and Dr. Robbins.

Credit: One unit.

Students admitted to this work meet the instructor each week for the discussion of various topics in the general field of history. These are selected to coordinate their knowledge and to prepare them for the general honours examination to be taken at the end of their senior year. Each student also in each semester undertakes for herself independent historical investigation of a single topic under the immediate direction of the instructor.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

History of Art

PROFESSOR:	GEORGIANA GODDARD KING, M.A.
ASSOCIATE PROFESSOR:	ERNST DIEZ, Ph.D.
INSTRUCTOR:	ELIZABETH H. NORTON POTTER, M.A.
READER:	DOROTHEA CAROLINE SHIPLEY, M.A.
DEMONSTRATOR:	HENRIETTA HUFF, A.B.

The undergraduate instruction offered in this department covers ten units. It includes three and one-half units of undergraduate first and second year work and two and one-half units of advanced undergraduate work open to graduate students and to undergraduates who have completed the major course in history of art. Honours work is offered by the department. Courses begun in the first semester must be continued in the second semester.

All the courses are illustrated with lantern slides, a large collection of photographs is used in the course of study and the photographs are available for review and comparison.

The Art Club, a student organization, carried on under the auspices of the department, offers an extra-curriculum course in drawing and painting on Saturday mornings. The students work individually also during the week.

Allied Subjects:

Classical Archæology
English
French
German
History

FIRST YEAR

Credit: One unit

Full Year Course.

Italian Painting of the Renaissance from the Middle of the Thirteenth to the Middle of the Sixteenth Century: Miss King.

Major Course

1st Semester.

During the first semester the Italian primitives are studied, chiefly in the schools of Florence, Siena and Umbria.

2nd Semester.

During the second semester the work is devoted to the painters of the High Renaissance, with special attention to those of Venice and the north of Italy, ending with an introduction to Baroque.

SECOND YEAR

Credit: Two units

Full Year Course.

Painting since the Renaissance.

Credit: One unit.

1st Semester.

Northern Painting: Mrs. Potter.

During the first semester the Flemish primitives and the great masters of Spain and the Low Countries in the Seventeenth Century are studied carefully; some acquaintance with the French and German primitives and with the art of the Eighteenth Century in France and England is also comprehended in the plan.

2nd Semester.

Modern Painting: Miss King.

During the second semester the course deals with the history of painting since 1780 and comes down to the present year. Students are expected to make trips to Philadelphia and the neighbourhood to study pictures as often as may seem necessary.

Full Year Course.

Mediæval Art: Dr. Diez.

Credit: One unit.

Throughout the course the allied arts, such as mosaic, sculpture and stained glass, are studied in some detail. While concerned primarily with the architectonic arts the course affords an introduction to the study of manuscript illumination.

1st Semester.

During the first semester the work is devoted to the various aspects of Early Christian architecture in the West, in Syria and Asia Minor, the rise of the Byzantine and the evolution of Romanesque architecture in France, Italy, Germany and Spain.

2nd Semester.

During the second semester the work of the first semester is continued, carrying the subject of mediæval architecture to its conclusions. The goal is principally French Gothic of the Thirteenth Century but the development in England is given relatively ample inquiry: those of Germany, Italy and Spain somewhat less. The course terminates with Flamboyant and the end of the Middle Ages.

ADVANCED UNDERGRADUATE COURSES

*Full Year Course.***Advanced Courses**

Renaissance Sculpture: Miss King. Credit: One unit.
(Given in 1933-34)

1st Semester.

During the first semester the work is devoted to the sculpture of the Italian Renaissance.

2nd Semester.

During the second semester the work is devoted partly to Northern art and in especial to figure sculpture in France and Spain from the finishing of the cathedrals to the close of the Renaissance. The great sculptors of Germany are reserved for the advanced course in German Art, offered by Mrs. Potter.*

Full Year Courses.

Spanish Architecture: Miss King. Credit: One unit.
(Not given in 1933-34)

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic churches have been considered, the greater part of the work is devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

Spanish Primitives: Miss King. Credit: One unit.
(Given in 1934-35)

The work begins with a consideration of the Mozarabic and proto-Mudéjar manuscripts and is occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting are taken into account and the study stops arbitrarily at 1500.

Philosophy of Art: Dr. Diez. Credit: One unit.
(Given in 1933-34)

In contradistinction to the abstract study of the æstheticians, the course in philosophy of art is based on the historical manifestations of art and searches for the laws of the historical way that art has taken. As an introduction, the first part of this course will deal with the methods of looking at works of art and the explanation of the leading terms including the recent terminology in modern art. The second part will deal with the genesis of space by means of lines, planes, colours and chiaroscuro and the corresponding evolution of style in four grades, namely ornamental, plastic, tectonic and pictorial. This evolution occurred in accordance with the historical evolution of human culture.

Sociology of Art: Dr. Diez. Credit: One unit.
(Given in 1934-35)

The main function of any work of art is the expression of emotions and their communication to the observer, who thus feels emotionally exalted. Accordingly the investigation of this eminent social function is the subject of Sociology of Art. There are two sections in this field, the intellectual and the emotional, which complement each other. Thus the social feeling (*Gemeinschaftsgefühl*) as a result of the social-economic conditions in the various periods of human culture will be discussed and the varying sense of style will be demonstrated as the adequate formal frame for the realization of art as the emotional expression of each period.

* See page 75.

German Art of the Middle Ages and the Renaissance: Mrs. Potter.

Credit: One unit.

(Given in 1934-35)

Beginning with the great manuscript schools and the earliest sculptures, the course traces the development of German architecture, sculpture and painting through the sixteenth century, emphasizing especially the phases which are most characteristically German and aiming to give a clear and comprehensive understanding of German art as a definite and individual unit in the general history of art.

FREE ELECTIVE COURSES

Full Year Courses.

Art of the Far East: Dr. Diez.

Credit: One-half unit.

(Given in each year)

A general introduction to the history of art in Asia from the earliest times. The painting, sculpture and architecture of China, India and Japan constitute the main burden of the course. Special problems are considered, such as the interrelations between the arts of the Oriental nations and the esthetic differences between the East and West.

Students majoring in history of art are expected to elect this course before being admitted to advanced work.

History of Prints: Mrs. Potter.

Credit: One-half unit.

(Given in 1933-34)

The course begins with the earliest German block-prints of the first half of the fifteenth century and traces the history of wood-cuts, engravings and etchings through the work of the great masters at the close of the nineteenth century. Lithography, mezzotint and other allied processes are considered briefly.

HONOURS WORK

Special work is offered to students recommended by the department for honours in history of art, in either Oriental Art, Mediæval Archæology, or Renaissance and Modern Art. It involves a scheme of reading and individual conferences and includes the preparation of reports and special examinations.

Honours

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Italian

ASSOCIATE PROFESSOR:

ANGELINE HELEN LOGRASSO, Ph.D.

INSTRUCTOR:

EMILY KATHARINE TILTON, M.A.

The undergraduate instruction offered in this department includes two and one-half units of undergraduate first and second year work; one unit of free elective work and two and one-half units of advanced undergraduate work.

An advanced standing examination in Italian, that is, an examination in translation and composition taken without attendance on the college classes, may be taken by students in the first three weeks after entering college. Depending on the result of this examination credit will be given for all or part of the first or second year Italian courses. Credit thus received may not be counted as part of the major course if Italian is elected

as a major subject; more advanced courses in Italian chosen with the approval of the Department of Italian must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Italian as a major subject.

Allied Subjects:

History
History of Art
Any language

FIRST YEAR

Credit: One unit

Full Year Course.

1st Semester.

**Major
Course**

Italian Grammar and Composition with reading in Italian Authors of the Nineteenth Century: Dr. Lograsso and Miss Tilton.

2nd Semester.

A survey of Italian Literature of the Nineteenth Century: Miss Tilton.
During the second semester the work is comprised of lectures and class reading in Nineteenth Century Italian authors, accompanied by collateral reading.

Reading of modern Italian prose and practical exercises in Italian composition: Miss Tilton.

SECOND YEAR

Credit: One and one-half units

Full Year Courses.

Reading of Classics in Italian Literature, accompanied by a survey of Italian Literary History: Dr. Lograsso. *Credit: One unit.*

Intermediate Italian Composition: Dr. Lograsso. *Credit: One-half unit.*

ADVANCED UNDERGRADUATE COURSES

**Advanced
Courses**

The advanced courses are designed to bridge over the interval between the ordinary and undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the unit course before entering the seminary.

Full Year Courses.

Dante: Dr. Lograsso. *Credit: One unit.*

(Given in each year)

All of the *Vita Nuova* and the *Divine Comedy* will be read and discussed. Attention will be given also to Dante's other works in Italian and in Latin.

Advanced Italian Composition: Dr. Lograsso. *Credit: One-half unit.*

(Given in each year)

The Italian Literature of the Rinascimento: Dr. Lograsso.

Credit: One unit.

(Given in 1933-34)

FREE ELECTIVE COURSE

Full Year Course.

The Italian Literature of the Nineteenth Century: Dr. Lograsso.

Credit: One unit.

(Given in each year)

Only those students will be admitted who have completed the course in general English Literature and have a wider knowledge of Italian than is acquired in the first year course.

*Free
Elective
Course*

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Latin

PROFESSOR:	LILY ROSS TAYLOR, Ph.D.
ASSOCIATE PROFESSOR:	THOMAS ROBERT SHANNON BROUGHTON, Ph.D.
INSTRUCTORS:	RUTH FAIRMAN, M.A. BERTHE-MARIE MARTI, M.A.

The undergraduate instruction offered in this department includes one unit of first year work; two units of second year work and two unit courses in advanced undergraduate work, given in alternate years. For qualified students the instruction also includes special work for honours.

Allied Subjects:

- Ancient History
- Biblical Literature
- Classical Archaeology
- Greek
- Any modern language or literature

FIRST YEAR

Credit: One unit

Full Year Course.

Latin Literature: Dr. Taylor, Miss Fairman, Miss Marti.

A study of Latin Literature of the Republic and of the Augustan Age, with a consideration of its relation to Greek Literature and its influence on modern literature. The reading includes a play of Plautus, a play of Terence, selections from: Cicero's letters, the shorter poems of Catullus, Livy's first decade, Horace's Odes and Epodes and Vergil's Eclogues and Georgics. In addition to the regular meetings of the class, the students have frequent meetings in conferences. In the second semester selections from mediæval Latin are read in the conferences and assigned for private reading.

*Major
Course*

SECOND YEAR

Credit: Two units

Students offering a major in Latin must take the unit course and one of the half-unit courses. The course in Latin Prose Style is required of all candidates for Honours in Latin.

Full Year Course.

The Development of Latin Literature.

*Credit: One unit.**1st Semester: Dr. Broughton.**2nd Semester: Dr. Taylor.*

The history of Latin Literature from its earliest beginnings to the time of Marcus Aurelius. The course is conducted by lectures, reading, chiefly in the original and reports. In the first semester the literature of the Republic and of the Augustan Age is studied with special emphasis upon the material not covered in the first year course. In the second semester the literature of the Silver Age is the subject of the course.

Full Year Courses.

Latin Prose Style: Miss Fairman.

Credit: One-half unit.

Weekly exercises in the writing of Latin prose combined with the reading of Cicero, Cæsar and Livy and the study of their style.

Mediæval Latin Literature: Miss Marti.

Credit: One-half unit.

A study of mediæval Latin Literature from the fourth to the fourteenth century. The reading is supplemented by lectures on the influence of classical culture on the Middle Ages and on the influence of Mediæval Latin Literature on early English and French Literature.

ADVANCED UNDERGRADUATE COURSES

1st Semester Course.

Lucretius and Cicero: Dr. Taylor.

*Credit: One-half unit.**(Given in 1933-34)*

The *De Rerum Natura* of Lucretius and selections from Cicero's philosophical works will be read. The work will include a study of the chief schools of philosophy in the period with special emphasis upon Epicureanism.

*2nd Semester Course.*Vergil's *Æneid*: Dr. Broughton.*Credit: One-half unit.**(Given in 1933-34)*

The poem will be studied as a whole, with consideration of its language, its structure and its place in the history of the epic.

1st Semester Course.

Cæsar and Cicero: Dr. Broughton.

*Credit: One-half unit.**(Given in 1934-35)*

Extensive selections from Cicero's *Orations* and *Letters* and from Cæsar's *Commentaries* will be read. The chief emphasis will be upon the social and political history of the period.

2nd Semester Course.

Literature of the Empire: Dr. Taylor.

*Credit: One-half unit.**(Given in 1934-35)*

The reading will be from Seneca, Tacitus and Juvenal. The chief emphasis will be upon the social life of the Empire.

HONOURS WORK

The department offers in each year work for honours which may be taken by seniors who have completed with distinction the major course including the course in Latin prose style. In general it is also desirable for the student to have completed one unit of advanced undergraduate work before entering upon the work for honours. The work will be adapted, as far as possible, to the needs of the individual student. At the conclusion of the work a general examination will be given on the reading and writing of Latin and on the work of the year in relation to the student's previous training in Latin.

Honours

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Mathematics

PROFESSOR:	ANNA PELL-WHEELER, Ph.D.
ASSOCIATES:	MARGUERITE LEHR, Ph.D.
	*GUSTAV A. HEDLUND, Ph.D.
	WILLIAM WELCH FLEXNER, Ph.D.
NON-RESIDENT LECTURER:	HOWARD HAWKS MITCHELL, Ph.D.

The undergraduate instruction offered in this department includes six and one-half units, two and one-half units of undergraduate first and second year work and three units of advanced courses open only to graduates and to undergraduates who have completed the major course in mathematics and one-half unit of honours work.

In the second year course the students are able to gain a fair knowledge of the principal subjects belonging to the department of pure mathematics. The points of contact of mathematics with other sciences are indicated as far as possible throughout the course.

Allied Subjects:

Chemistry
Philosophy
Physics

FIRST YEAR

*Credit: One unit**Full Year Course.*

Introduction to Analytic Geometry and Calculus: Dr. Lehr and Dr. Flexner.

Trigonometry is included in the first semester's work.

SECOND YEAR

*Credit: One and one-half units**Full Year Courses.*

Differential and Integral Calculus: Dr. Hedlund.*	<i>Credit: One unit.</i>
Algebra and Analytic Geometry: Dr. Lehr.	<i>Credit: One-half unit.</i>

Major Course

* Granted leave of absence for the year 1933-34.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses in mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students and a reading knowledge of French and German is presupposed.

The advanced courses given are selected from the following, with occasional modifications:

Full Year Courses.

Advanced Calculus: Dr. Flexner. *Credit: One unit.*

Advanced Geometry: Dr. Lehr. *Credit: One unit.*

Theory of Functions of a Complex Variable: Dr. Pell-Wheeler. *Credit: One unit.*

HONOURS WORK

Honours

Honours work is offered in this department to qualified students.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Music

PROFESSOR:	HORACE ALWYNE, F.R.M.C.M.
ASSOCIATE:	ERNEST WILLOUGHBY, A.R.C.M.
READER:	MOLLY ATMORE, A.B.

The undergraduate instruction offered in theoretical music covers four and one-half units. Courses begun in the first semester must be continued in the second semester.

The objects of the undergraduate course in music are to permit students to make music an integral part of a liberal education and to enable them, through the courses in Harmony and Counterpoint, to gain a knowledge of the technique of composition by actual experience in using its materials and, through the courses in History and Appreciation of Music, to realize the significance of great music æsthetically, historically and sociologically. In the latter courses a large number of compositions drawn from all forms of music are performed and discussed in the classes.

The Department of Music usually gives a series of concerts and recitals assisted by well-known artists, which is designed to supplement and amplify the work done in the Courses in History and Appreciation of Music. A lecture is given each week outside college hours and open to all members of the College on the programme to be performed by the Philadelphia Orchestra or by other important musical organizations or artists.

The chapel choir of fifty members and the college glee club are organized under the direction of the Department of Music.

FREE ELECTIVE COURSES

Full Year Courses.

History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Credit: One unit.

(Given in each year)

This course consists of the study of the History of Music up to and including Beethoven and of the masterpieces of music produced during that period. Characteristic examples of Early Church Music, in the form of Plain Chant, Organum, Discant, etc., and of Sixteenth Century vocal polyphony, Reformation Chorales and Bach choral works are illustrated by the College Choir in class. Compositions of the following composers are performed in class: Monteverdi, Corelli, Scarlatti, Rameau, Couperin, Bach, Handel, Haydn, Mozart and Beethoven. The forms included are folk-song, motet, madrigal, fantasia, toccata, early dance-forms, fugue, suite, rondo, variations, sonata and symphony. All study and analysis is based on the actual hearing of the music itself. The instruction is given by means of lectures, required reading, discussion and by analysis by the students in class. At occasional meetings of the class, members of the Faculty of the Departments of History, Classical Archæology, History of Art and English discuss social, artistic and literary movements which were of special importance in the history of the evolution of music.

Advanced History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Credit: One unit.

(Given in each year)

The course in History and Appreciation of Music is required for admission.

The course consists of the study of the history of music from Schubert to the present day and of the musical masterpieces produced during that period. The instruction follows the same plan as in the preceding course.

Third Year History and Appreciation of Music: Mr. Alwyne and Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the two courses in History and Appreciation of Music.

This course consists of two special courses of one semester each in some particular period or aspect of Music. The subjects are Bach and Wagner, or Symphonic Music and Modern Music. These subjects are dealt with in a more detailed and amplified way than is possible in the two foregoing courses in History and Appreciation of Music. The instruction follows the same plan as in the preceding courses.

Elementary Harmony: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: knowledge of intervals, scales and keys, ability to sing simple melodies at sight.

This course is the beginning of composition. It does not impose upon the student the mere copying of a model but gives her some intellectual and æsthetic liberty.

Melodic movement and harmonic progression are studied concurrently. The student learns to write simple melodies based on poetic meters and the addition of a second melody to one already given with ornamentation by means of passing notes, neighbouring notes, etc. When some facility in horizontal writing has been obtained melodies are harmonized in four parts using major and minor triads in root positions and their inversions.

The importance of the student being able to hear what she writes is stressed by means of progressive ear training and musical dictation.

Advanced Harmony: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the course in Elementary Harmony; or the student must satisfy the instructor that she is qualified to enter.

*Free
Elective
Courses*

This course is the continuation of the course in Elementary Harmony from the Chord of the Dominant Seventh and carries the student through modern harmonic relations. Original melodies are written and harmonized in both close and open score and the use of C clefs is studied when writing for strings. Modern compositions are analyzed. This course gives an opportunity for freedom of expression and calls for more original work on the part of the student.

Elementary Counterpoint: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the two courses in Harmony; or the student must satisfy the examiner that she is qualified to enter.

This course deals with the various modes of counterpoint to which the courses in Harmony have led in so far as it has been possible to bring about "horizontal" writings in those courses. This course consists of Strict Counterpoint in two parts up to and including Fifth Species and three-part Strict Counterpoint up to and including Third Species.

Advanced Counterpoint: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the three preceding courses in Harmony and Counterpoint; or the student must satisfy the instructor that she is qualified to enter.

This course is a continuation of Elementary Counterpoint and carries the student through to Strict and Combined Counterpoint in three and four parts, later dealing with the stated contrapuntal forms. The course requires some originality on the part of the student and some facility in pianoforte playing.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Philosophy

PROFESSOR:

GRACE ANDRUS DE LAGUNA, Ph.D.

ASSOCIATE PROFESSOR:

PAUL WEISS, Ph.D.

ASSOCIATE:

MILTON CHARLES NAHM, B.Litt., Ph.D.

READER:

MAUDE FRAME, A.B.

The undergraduate instruction offered in this department includes a first year unit course, which is required for the degree, second year unit and half-unit courses, advanced unit and half-unit courses and honours work, which may be taken in conjunction with advanced courses by qualified students.

Allied Subjects:

Biology

Economics and Politics

English

Greek

History

Mathematics

Physics

Psychology

Certain courses in Biblical Literature and Social Economy

FIRST YEAR

*Credit: One unit**Full Year Course.*

History of Philosophic Thought: Dr. de Laguna, Dr. Weiss and Dr. Nahm.

Required Course

This course will not attempt to cover the entire history of philosophy. Certain important periods will be selected each semester for special study.

1st Semester.

During the first semester there will be lectures and readings on Greek philosophy and its relations to the social and scientific developments of the time. Special attention will be paid to Plato and Aristotle and the students will read and discuss selections from their writings.

2nd Semester.

During the second semester, after a brief survey of the intervening periods of the Middle Ages and the Renaissance, the philosophy of the Seventeenth and Eighteenth centuries will be selected for special study. Students will read and discuss selections from such thinkers as Descartes, Spinoza, Locke and Berkeley. In the latter part of the semester some of the more characteristic movements of Nineteenth century thought will be treated more briefly.

SECOND YEAR

Credit: One and one-half units

Any of these courses may be taken as free electives by students who have completed the first year required course.

*Major Course**Full Year Course.*

Logic: Dr. Weiss.

Credit: One-half unit.

The first part of the course will be devoted to Aristotelian and modern symbolic logic. The latter part will be devoted to the nature of scientific method and the presuppositions of the sciences. No special training in the sciences is presupposed.

1st Semester Course.

Elementary Ethics: Dr. Nahm.

Credit: One-half unit.

Considerable attention is paid to a study of the morality of primitive peoples and the relations of group morality to the principles of historical ethical systems. The theory and problems of various types of ethics—such as hedonism, idealism, utilitarianism, etc.—are examined and compared.

2nd Semester Course.

Philosophical Problems: Dr. de Laguna.

Credit: One-half unit.

Philosophical Problems is primarily a discussion course. Types of philosophical theory are studied and discussed and the student is introduced to some of the main issues of contemporary thought.

ADVANCED UNDERGRADUATE COURSES

Credit: One and one-half units

These advanced courses are, in general, open only to students who have taken one unit of second year work. Exceptions are made only in the case of students whose advanced work in other departments has especially prepared them for either the *Æsthetics* or the *German Idealism*.

Advanced Courses

Full Year Course.

Elementary Æsthetics: Dr. Nahm.

Credit: One-half unit.

The problem of the æsthetic response is examined historically and systematically. After this introduction to æsthetics, a study is made of the æsthetic types, such as the comic, the tragic, the sublime and the characteristic. The problems of the origins and classification of art will be approached by use of museum material and anthropological data. The conclusion of the course will involve a close study of the æsthetics of one or two of the arts. If the course is elected in the first semester it must be continued in the second.

1st Semester Course.

German Idealism: Dr. de Laguna.

Credit: One-half unit.

About half of the course is devoted to the study of Kant. The systems of the post-Kantian idealists are treated more briefly.

2nd Semester Course.

Recent Philosophical Tendencies: Dr. Weiss.

Credit: One-half unit.

This course will deal with the views of Bradley, Bergson, Peirce, Dewey, particular attention being given to Whitehead's philosophy.

HONOURS WORK

Honours

Honours work may be taken either in conjunction with the advanced courses or after their completion. It consists of independent private reading with frequent written reports and conferences with the instructor. The subjects chosen are not confined to the technical aspects of philosophy but on the contrary, emphasize its connection with general literature, history and politics, or with some special science in which the student is working.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Physics

ASSOCIATE PROFESSOR:

JANE MARY DEWEY, Ph.D.

ASSOCIATE:

WALTER C. MICHELS, Ph.D.

DEMONSTRATORS:

BARBARA GOLDBERG, M.A.

GLADYS WHITE, M.A.

NETTIE HELENA COY, A.B.

The undergraduate instruction offered in this department includes at least three and one-half units, two and one-half units of undergraduate first and second year work and at least one unit of advanced work.

The first year of the major course gives a survey of the whole field of physics. The approach to the subject is descriptive, the elements of the theory being introduced to correlate the phenomena observed in the laboratory and in lecture demonstrations. No knowledge of mathematics beyond that required for entrance to Bryn Mawr is required. In the second year course more stress is laid on theory. The laboratory work is designed to familiarize the students with the use of physical apparatus with particular reference to methods of measurement of the fundamental

quantities dealt with in physical investigations. It is accompanied by some study of methods of handling data and of the theory of errors. A knowledge of differential calculus is required and students are strongly advised to elect second-year mathematics as a parallel course.

Allied Subjects:

Chemistry
Mathematics

FIRST YEAR

Credit: One unit

Full Year Course.

1st Semester.

Mechanics, Heat, Sound and Properties of Matter: Dr. Michels.
Laboratory Work: Dr. Michels and Miss Goldberg.

**Major
Course**

2nd Semester.

Magnetism, Electricity and Light: Dr. Dewey.
Laboratory Work: Dr. Dewey and Miss Goldberg.

SECOND YEAR

Credit: One and one-half units

Full Year Course.

1st Semester.

Elements of Mechanics: Dr. Dewey.
Laboratory Work: Dr. Dewey and Miss White.

During the first semester this course gives an introduction to theoretical mechanics. A brief treatment of the special theory of relativity is included.

2nd Semester.

Elements of Electricity: Dr. Michels.
Laboratory Work: Dr. Michels and Miss White.

During the second semester the fundamental ideas of electricity and magnetism are developed and illustrated by problems. Particular attention is devoted to the application of electrical theory to modern theories of the structure of matter and the interaction of matter and radiation.

ADVANCED UNDERGRADUATE COURSES

The advanced courses give a more extensive treatment of the various branches of physics. The laboratory work is intended to familiarize the students with the design, adjustment and use of physical instruments. These courses are open only to graduates and undergraduates who have completed the major courses in physics and the course in differential and integral calculus.

A selection from the following courses is offered.

Full Year Courses.

Electricity and Magnetism: Dr. Michels.

Credit: One or one and one-half units

(Given in 1933-34)

This course treats the problems of the electrostatic and magnetic fields, electrodynamics and electromagnetic waves. The laboratory work deals with fundamental electrical measurements and their application to physical experimentation.

**Advanced
Courses**

Mechanics: Dr. Michels.

Credit: One or one and one-half units.

(Given when requested)

The lectures of this course develop the fundamental principles of theoretical mechanics, including the statics and dynamics of systems of particles and rigid bodies and include an introduction to generalized coordinates and Hamilton's principle.

Introduction to Theoretical Physics: Dr. Dewey.

Credit: One and one-half units.

(Given in 1933-34)

This course is intended for students who have completed one advanced course. The laboratory work will be arranged to cover the branches of physics not previously covered.

Geometrical and Physical Optics: Dr. Dewey.

Credit: One or one and one-half units.

(Given in 1934-35)

FREE ELECTIVE COURSES

Full Year Courses.

*Free
Elective
Courses*

Astronomy: Dr. Michels.

Credit: One-half unit.

(Given in 1933-34)

This course is elementary and mainly descriptive in nature. Part of the lectures, however, will be devoted to astrophysics. The course is open to juniors and seniors only, not to auditors or hearers. First year physics is prerequisite.

Physical Basis of Music: Dr. Michels.

Credit: One-half unit.

(Given when requested)

This course presents some of the physical principles utilized in the construction of musical instruments and underlying the general theory of musical scales, harmony, etc.

HONOURS WORK

Honours

Honours work may be taken by seniors recommended by the department. It consists of reading and experimental work on some problem of physics.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Psychology

PROFESSORS:

HARRY HELSON, Ph.D.

AGNES LOW ROGERS, Ph.D.

ASSOCIATE:

DONALD WALLACE MacKINNON, M.A.

INSTRUCTOR:

WILLIAM DONALD TURNER, Ph.D.

The undergraduate instruction offered in this department includes at least six units, three units of first and second year work and two units of advanced work. One unit of honours work is offered by members of the staff to students who have not only received high grades in the first two years work but have also shown ability for independent work and thinking.

The work of the first year is designed to introduce the student to the subject through a consideration of the fundamental principles underlying the several fields of psychology. While the course is primarily to prepare

students to pursue further work in the subject, it may be taken with profit by students who are not majors in psychology and wish to become familiar with a scientific account of the problems of behavior. Topics of interest in daily life and psychological problems having a bearing on related subjects of knowledge receive their due share of attention. The work of the second year lays the foundation for advanced work and is required of all majors in the department. In the third year an attempt is made to round out and unify the student's knowledge and to offer her an opportunity for specialized work if she desires it.

Allied Subjects:

Anthropology
 Biology
 Economics
 Mathematics
 Philosophy
 Physics
 Principles of Education
 Sociology

FIRST YEAR

Credit: One unit

Full Year Course.

Lectures in General Psychology: Dr. Helson and Mr. MacKinnon.

Laboratory: Dr. Turner and Mr. MacKinnon.

The aim of this course is to present the basic facts and principles from the various fields of psychology as they contribute to an understanding of the fundamental problems of behavior. Among the topics considered are learning and habit formation, memory and imagination, thinking, perceiving and willing, emotive behavior, the question of types, physiological foundations of behavior, personality and social conduct, intelligence and departures from normal behavior and the elementary theory of measuring the human variables. The laboratory exercises provide opportunity for the student to test and verify for herself the laws and principles elaborated in lectures and readings, besides acquainting her with the methods developed by psychologists for controlling and quantifying their subject-matter. While the experimental part of the course deals with more or less particular problems it is fundamental and applicable to most questions concerning methods of predicting and controlling behavior. Emphasis is laid upon techniques for measuring various forms of behavior ranging from learning and memory to sensory, intellectual and social phenomena. Lecture and laboratory work supplement each other.

SECOND YEAR

Credit: Two units.

All of the work offered in the second year is required of majors in psychology, but any course may be taken as a free elective by others who have completed the first year work.

1st Semester Courses.

Experimental Psychology: Dr. Helson.

Credit: One-half unit.

Laboratory: Dr. Turner.

The lectures are concerned with those topics which have lent themselves most readily to experimental methods, *e.g.*, sensory, perceptual, attentive and psychophysical phenomena. The theoretical and methodical aspects are critically discussed in lecture while the laboratory stresses the fundamental procedures developed for the measurement of psychological data. This course is a prerequisite for advanced work in any type of laboratory psychology.

Comparative Psychology: Dr. Turner.*Credit: One-half unit.*

A survey of the chief types and problems of behavior from the lowest organisms to man from the comparative point of view. Motivation of action will be emphasized. Demonstrations of various aspects of animal behavior will be given.

*2nd Semester Courses.***Mental Tests and Measurements: Dr. Rogers.***Credit: One-half unit.*

This course provides a foundation for the theory and practice of mental tests and measurements. Demonstrations of the application of tests of general and special abilities will be given.

Social Psychology: Mr. MacKinnon.*Credit: One-half unit.*

This course is a study of the psychological processes determining the social behavior of the individual. It seeks to provide the student with a psychological background for the study of other social sciences.

ADVANCED UNDERGRADUATE COURSES

Students majoring in psychology must take advanced work amounting to at least one unit from among the following courses.

*Full Year Course.***Advanced Experimental Psychology: Dr. Helson and Dr. Turner.***Credit: One unit.*

This course is intended for students who wish to be trained for research work, particularly for those planning to do graduate work. Opportunity is provided for working on some special problem agreed upon by student and instructor. About six weeks are devoted to a consideration of psychophysical and statistical methods, after which the student's time is given to experimental work as experimenter and observer. Problems in animal psychology may be engaged in under the direction of one of the instructors. Students must obtain the consent of the instructors before registering for this course.

*1st Semester Course.***Abnormal Psychology: Mr. MacKinnon.***Credit: One-half unit.*

This course will consist of a study of the main forms of mental disorder. Attention will also be given to the problems of individual differences, types of personality, methods of investigation, borderline types of disturbances and the principles of psychotherapy. This course may be taken by those who have completed the first year work.

2nd Semester Course.

Psychological Theory: A systematic survey of the main types of psychological theory: Dr. Turner.

Credit: One-half unit.

The concepts underlying the various approaches to the problems of psychology will be examined with special reference to the history of psychology. This course gives a survey of the various fields of psychology in the light of recent developments viewed in their historical setting. Two units of psychology are prerequisites.

HONOURS WORK*Honours*

One unit of honours work may be taken by students recommended by the department.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

PROFESSORS:	SUSAN MYRA KINGSBURY, Ph.D.
ASSOCIATE:	MILDRED FAIRCHILD, Ph.D.
LECTURERS:	ALMENA DAWLEY, M.A.
	Appointment to be announced later.
SPECIAL NON-RESIDENT LECTURERS:	EVA WHITING WHITE, A.B.
	ALICE HAMILTON, M.D.

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The undergraduate instruction offered in this department covers three units of free electives.

FREE ELECTIVE COURSES

Full Year Courses.

Social Investigation: Dr. Kingsbury. *Credit: One-half unit.*
(Given in each year)

*Free
Elective
Courses*

The object of the course is to give the students a knowledge of the principles of social investigation and of the steps that must be taken in conducting an investigation. The course deals with the elements of statistics. It also acquaints the student with the principles and methods of record keeping and filing which are applicable to municipal, state and federal offices, to business organizations and to social organizations.

The course is recommended to students of social economy, of economics, of psychology, and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Applied Sociology: Lecturer to be appointed. *Credit: One-half unit.*
(Given in each year)

Relationships between personalities, the causes of social conflicts and the methods whereby maximum stimulation, release, facilitation and integration of the purposes and possibilities of all members of society may be attained, constitute the problems of the course. Specific applications to social relations in the family, in industry, between races and the like, are worked out. By means of laboratory experiments and objective observation of social phenomena, outstanding sociological theories are tested by attempting to apply them to concrete data. A course in some social science is prerequisite for this course.

Social Anthropology: Lecturer to be appointed. *Credit: One unit.*
(Given in each year)

An anthropological approach to the problems of human progress. An objective definition of progress is developed. Data relating to prehistoric, primitive, ancient and modern cultural and racial development, bearing on the amount and the direction of change in human intelligence, technology and social relations, are examined. The desirability of various possible future directions of social change is explored. Methods of innovation in mechanical invention, medicine, science, social work and other fields, are studied in terms

of instances, with a view to developing the fundamental principles of the technique and dynamics of social progress. A course in some social science is prerequisite for this course.

Labour Movements: Dr. Fairchild.

Credit: One unit.

(Given in each year)

The present-day problems of labour considered with special reference to the history and growth of the labour movement form the subject matter of this course. A study of the critical episodes in labour's struggle for organization and status, especially in England and the United States, is made in order to understand present tendencies in trade unionism. Some of the topics considered are wages, economic security, conditions of work, technological change and social legislation, the use of the strike and lockout, employee representation and coöperative management. An effort is made to analyze the function of trade unionism in the labour movement of this and other countries. The influence of Socialism upon working-class organization and the significance of the Soviet Union are considered. In the study of workers' education, special reference is made to the Bryn Mawr Summer School for Women Workers.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Spanish

PROFESSOR:

JOSEPH E. GILLET, Ph.D.

INSTRUCTOR:

FLORENCE WHYTE, Ph.D.

The instruction offered in this department includes two and one-half units of undergraduate first and second year courses and one and one-half units of advanced undergraduate courses.

An advanced standing examination in Spanish, that is, an examination in translation and composition taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Depending on the result of this examination credit is given for all or a part of the first or second year Spanish courses. Credit thus received may not be counted as part of the major course if Spanish is elected as a major subject; more advanced courses in Spanish chosen with the approval of the Department of Spanish must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Spanish as a major subject.

Allied Subjects:

History

History of Art

Any language

FIRST YEAR

Credit: One unit

Full Year Course.

*Major
Course*

Spanish Grammar and Composition; Reading of Modern Spanish Prose:
Dr. Gillet and Dr. Whyte.

SECOND YEAR

*Credit: One and one-half units**Full Year Courses.*

Reading of Classics in Spanish Literature, accompanied by a Survey of Spanish Literary History from the Seventeenth to the Nineteenth Century: Dr. Whyte. *Credit: One unit.*

Intermediate and Advanced Spanish Composition: Dr. Gillet.

Credit: One-half unit.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect these courses.

*Advanced Courses**Full Year Courses.*

Lectures on Spanish Literature of the Sixteenth Century and the Golden Age: Dr. Gillet. *Credit: One unit.*

The course includes collateral reading and reports.

Advanced and Free Spanish Composition: Dr. Gillet. *Credit: One-half unit.*

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses.*

Physical Education

DIRECTOR:

JOSEPHINE PETTS

ASSISTANT DIRECTOR:

MARNA V. BRADY, M.A.

INSTRUCTOR:

ETHEL M. GRANT

The Physical Education requirement for Freshmen consists of two hours a week of some one activity or of rest according to the advice of the College Physician and the Director of Physical Education based upon the student's Physical Examination, and one hour a week of Body Mechanics for fifteen weeks during the winter.

Freshmen

For Sophomores the Physical Education requirement is the same as for Freshmen except that two hours a week of Hygiene throughout one semester takes the place of the Body Mechanics course.

Sophomores

Physical Education classes are divided into three sections: Autumn (October first to December first), Winter (December first to April first), Spring (April first to the end of college). The required work in each section for two years must be satisfactorily completed for graduation as well as the Freshman Swimming Test, which consists of:

1. Dive—plain front.
2. Sink and come up twice.
3. Float for two minutes.
4. Swim for twenty minutes, using any stroke, floating and treading water included.

Autumn In the autumn, Freshmen and Sophomores may elect their required work, with the consent of the College Physician and the Director of Physical Education, from the following list: Hockey, Sun Baths, Fencing, Natural Dancing, Archery, Swimming, Tennis.

Winter During the winter, the required work for those students who have not passed the swimming test consists of two periods a week of swimming. The only exceptions to this are made by the College Physician. The students who have passed the swimming test may elect their Physical Education classes from the following list: Swimming, Natural Dancing, Basket Ball, Lacrosse, Fencing, Sun Baths.

Spring The spring program of Physical Education may be chosen from the following list: Lacrosse, Fencing, Tennis, Swimming, Archery.

Upper-classmen It is expected that the Juniors and Seniors, being aware of the value of play in a busy existence, will take advantage of the opportunities offered them at college to learn well some sport that appeals to them for future use as well as for the purpose of keeping fit while they are at college.

Every provision will be made for the Juniors and Seniors in the way of instruction. All the Freshman and Sophomore required classes in sports are open to them. It is an obviously necessary rule, however, that all upperclassmen taking a required sports course must attend regularly so as not to retard the progress of the class. Special advanced work will be arranged for upperclassmen who are ready for it.

Department of Health

1933-34

PRESIDENT OF THE COLLEGE:	MARION EDWARDS PARK, Ph.D., LL.D.
DEAN OF THE COLLEGE AND HEAD OF THE HEALTH DEPARTMENT:	HELEN TAFT MANNING, Ph.D.
DEAN OF THE GRADUATE SCHOOL:	EUNICE MORGAN SCHENCK, Ph.D.
DIRECTOR OF PHYSICAL EDUCATION:	JOSEPHINE PETTS
PHYSICIAN OF THE COLLEGE:	MARJORIE JEFFERIES WAGONER, M.D. CHARLOTTE BRANDON HOWE, M.A. JOSEPHINE McCULLOCH FISHER, A.B. ROSAMOND CROSS, A.B.
WARDENS:	Two appointments to be announced later.
SENIOR RESIDENT:	CATHERINE PALMER ROBINSON, M.A.

All entering students are required to file at the office of the Dean of the College a report of a recent medical examination filled out and signed by a physician, on a blank to be secured from the College.

*Health
Certificate*

Every entering student must as well file a physician's certificate stating that she has been vaccinated against smallpox during the year preceding her registration at college and that she exhibited a typical or immune reaction to this vaccination. Students who do not certify to vaccination at entrance will be vaccinated by the College Physician, for which a fee of five dollars will be charged. There is no exception to this rule.

Vaccination

Every student must file a certificate stating that her eyes have been examined by an oculist within six months before entrance and again before the beginning of her junior year. Failure to comply with the above rule entails an examination by one of the college consultants in ophthalmology for which the students will be charged as private patients by the ophthalmologist who makes the examination. If glasses are prescribed they must be obtained.

*Oculist
Certificate*

Every undergraduate student and hearer is examined each year by the Resident Physician of the College and twice each year by the Director of Physical Education with reference to physical development, strength of heart and lungs and general health.

*Physical
Examination*

Any student who at the time of the examination or at any other time during the year is not in good health is placed on the health supervision list. She is required to follow the special régime prescribed and her extra-curriculum activities may be limited.

*Health
Supervision*

The Director of Physical Education receives the reports of students under medical treatment, keeps records of the health of all students and

endeavors, by interviews and advice on personal hygiene, to maintain and improve the health of the students. All students are urged by the Health Department to take some out-of-door exercise in addition to their periods of physical training.

*Physicians
and
Nursing*

Eminent specialists practising in Philadelphia have consented to serve as consulting physicians of the college. The College Physician is in her office in the college infirmary daily and may be consulted by the students without charge.

Infirmary

The infirmary fee of \$20.00 paid by each resident undergraduate student entitles her to be cared for in the infirmary for four days (not necessarily consecutive) during the year and to attendance by the college physicians during this time and to nursing, provided her illness is not infectious. It also entitles her to the services of the nurses employed by the college during other temporary illness, provided one of the regular nurses is free at the time. In the case of an illness of longer duration and also in the case of all diseases of an infectious character the student must meet or, in case of two or more students with the same infectious disease, must share, the expense of a special nurse. She is responsible also for the infirmary fees which are \$6.00 a day and for hospital or sanitarium charges should she be removed from the college by order of the College Physician.

A special nurse for one student costs approximately \$8.30 per day or \$58.10 per week, which includes nurse's fee, board and laundry. When a student has not an infectious disease the infirmary fee of \$6.00 per day will include the nurse's fee provided it is possible for one of the college nurses to care for the student. The fees of the consulting physicians and surgeons and other specialists recommended by the college will be furnished on request.

All communications concerning the health of the students from parents and guardians, outside physicians and others, should be addressed to the Dean of the College, who will excuse students for absence before and after vacations on account of serious illness and from attendance on academic work during the time that they are in the infirmary or seriously ill at home. Any student who becomes ill when away from the college is asked to notify immediately the Dean of the College.

GENERAL INFORMATION

Plans and descriptions of the library and the undergraduate halls of residence, Denbigh, Merion Hall, Rockefeller Hall, Pembroke Hall East, Pembroke Hall West and Wyndham, with full information regarding the charges for rooms, are published as Part 3 of the Bryn Mawr College Calendar and may be obtained, by application, from the Secretary and Registrar of the College. A resident warden is in charge of each hall. Each hall has its separate kitchen and dining-room except Pembroke, which has a common dining-room and kitchen for the two wings and for Wyndham. Students from Wyndham take their meals in Pembroke. Each hall provides a separate room for each of its sixty or seventy students, except Wyndham, which has six double bedrooms and five single rooms and provides accommodation for seventeen students. All rooms are furnished with a bed, bureau, table desk, straight chair, desk chair and bookcase, but students are expected to furnish their own rugs, curtains and towels. All necessary service is supplied by the college. Though there are open fire-places in many studies and single rooms, all rooms are adequately heated by steam heat controlled by a thermostat. Because of the danger of infectious diseases personal laundry may be done only by laundries or laundresses recommended by the college.

*Halls of
Residence*

Every application for a room whether made by a student already in residence or by a candidate for admission must be accompanied by a deposit of ten dollars, otherwise the application will not be registered. The amount of this deposit will be deducted from the rent if the room assigned be occupied by the applicant. The deposit will not be refunded under any circumstances. An additional deposit of forty dollars must be made not later than August first by each upper class student who has enrolled for the following year. It will be credited on the first semester's room rent if the student returns to college but will not be returned in case of withdrawal after August first. Candidates for admission to the freshman class will be expected to pay this deposit when accepting notice of admission to college.

*Room
Reservation*

Every applicant who reserves a room after the first of September or who fails to withdraw her application by that date even though she does not occupy the room at all, or vacates it during the college year, prevents some other student from obtaining accommodation and consequently admission to the college; therefore unless formal notice of withdrawal of application for the ensuing academic year is received by the Secretary and Registrar of the College by the first of September the applicant is responsible for the rent for the whole year of the room assigned to her or for the minimum rent of two hundred dollars in case a definite assignment has not been made. The charge for room rent is not subject to remission or reduction unless the college re-rents the room. The applicant is not entitled to dispose of a room thus left vacant.

Withdrawal

Non-Resident Students

Accommodation is made for students living with their families in Philadelphia and vicinity. There is a club-room for non-resident students in Goodhart Hall, a coat room in Taylor Hall and one in the library and non-resident students also have the full use of the large Common Room in Goodhart Hall.

Non-resident students are liable in whole or in part for all undergraduate fees except those for residence in the halls and infirmary fees.

Expenses for Undergraduate Students

Fees for Tuition

Though the average cost of teaching each undergraduate student is estimated at about one thousand dollars, the tuition charge for undergraduate students and for hearers is five hundred dollars a year. The difference between the actual cost and the price of tuition must be met from the small endowment funds of the college and by private gifts. Voluntary contributions from parents able and willing to pay this additional five hundred dollars, in whole or part, will be used for scholarships for students unable to pay the regular tuition fee of five hundred dollars. No reduction of the tuition fee can be made on account of absence, illness, or dismissal, or for any other reason and no refund will be made in case of advance payment.

Fees for Board and Residence

The charge for board at the college is four hundred dollars a year, payable half-yearly in advance. The total fee for board and residence depends upon the room or rooms occupied by the student, the rental being based on the size and location of each room and varying from one hundred dollars to five hundred and fifty dollars. Room rent is payable yearly in advance. About one-fourth of the rooms in the college rent for one hundred dollars, making the cost of board, residence and tuition one thousand dollars; but since assignment of such a room is equivalent to the award of a small scholarship, these rooms will be reserved for students whose applications have been approved by the Director of Scholarships and the Scholarship Committee. Such students must have a good academic record and must fill out a special form of application stating that they are unable to afford rooms at a higher price.

Reduction of Fees on Account of Illness

In case of prolonged illness and absence from college extending over six weeks or withdrawal from the college for a period of six weeks or more, there will be a special proportionate reduction in the charge for board, provided that written notice be given to the Dean of the College and to the Comptroller at the time of withdrawal, or, in case the student is ill at home, as soon as possible after her illness is known. Verbal notice to wardens or instructors is not sufficient to secure the above allowance.

Residence in Vacations

Students who wish to remain at the college during the Christmas and Easter vacations should apply to the Warden for information in regard to rooms and rates. During the Christmas vacation the halls of residence are closed but accommodation may be obtained near the college campus. During the Easter vacation the halls of residence are in general kept open

and undergraduates and graduate students may occupy their rooms at a fixed rate.

Students remaining during any part of the Christmas or Easter vacations in Bryn Mawr, or in the immediate neighborhood, not in their own homes, are required to take advantage of the arrangements made by the college and will be charged according to the length of stay. A student not going to her own home is required to inform the Warden of her hall in advance of her intention to spend the vacation elsewhere and to register her address with her Warden.

For undergraduate students taking one laboratory course of four or more hours a week there is an additional charge of fifteen dollars a semester for materials and apparatus; for students taking two laboratory courses of four or more hours a week a charge of twenty-five dollars a semester and for students taking three laboratory courses of four or more hours a week a charge of thirty dollars a semester. A charge of seven dollars and fifty cents a semester is made for students taking a laboratory course of less than four hours a week.

In courses in Geology each hour of field work is counted as one hour of laboratory work. Not more than one laboratory course is required of candidates for a degree.

Laboratory Fees

Summary of Major Expenses for Undergraduate Students

	<i>Minimum</i>	<i>Mean</i>	<i>Maximum</i>
Tuition for the academic year, payable October 1st.....	\$500.00	\$500.00	\$500.00
Board for the academic year, payable in equal instalments, October 1st and February 1st.....	400.00	400.00	400.00
Room-rent for the academic year, payable October 1st.....	200.00	375.00	550.00
Tuition and residence for the academic year.....	\$1,100.00	\$1,275.00	\$1,450.00

Major Expenses

Special Rate

In certain cases students are awarded by the College a room at one hundred dollars, making the total of major expenses for the academic year one thousand dollars.

Special Rate

Minor Fees and Charges

Infirmary fee for the academic year, payable October 1st.....	\$20.00
Fee for the upkeep of the athletic fields, payable October 1st....	10.00*
Laboratory fees for laboratory courses of less than four hours a week for the academic year.....	15.00
Laboratory fees for laboratory courses of four or more hours a week for the academic year.....	30.00

Minor Fees and Charges

In the courses in History and Appreciation of Music a charge of one dollar and twenty-five cents a semester is made for the purchase of necessary books and material.

* For non-resident students this fee is \$5.00.

Every student who enters the college must register her courses within two weeks after entrance. A charge of one dollar will be made for each change made in the course after it has been definitely registered.

Every student except a member of the freshman class who moves from one hall to another is charged a fee of ten dollars for moving and every student except a member of the freshman class who moves from one room to another in the same hall is charged a fee of five dollars. This fee entitles a student to have five pieces moved free of charge.

The graduation fee is twenty dollars, payable in the senior year.

*Regulation
on Fees*

The fees are due on the first day of each semester. Bills will be sent by the Comptroller and students whose fees are not paid before November first in the first semester or before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

SCHOLARSHIPS

Undergraduate Fellowship, Scholarships and Prizes Awarded for Distinction in Academic Work

The Bryn Mawr European Fellowship of the value of \$500 was founded in 1889. It is awarded annually to a member of the graduating class of Bryn Mawr College on the ground of excellence in scholarship. The fellowship is intended to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The Bryn Mawr European fellow receives in addition the Elizabeth S. Shippen foreign scholarship of the value of \$200.

*Bryn Mawr
European
Fellowship*

The Maria L. Eastman Brooke Hall Memorial Scholarship was founded in 1901, in memory of Maria L. Eastman, Principal of Brooke Hall School for Girls, Media, Pa., by the Alumnae and former pupils of the school. It is awarded each year on the ground of scholarship irrespective of the need of financial aid to the member of the junior class with the highest record to be held during the senior year. No application for the scholarship is necessary.

*Maria L.
Eastman
Brooke Hall
Memorial
Scholarship*

The Elizabeth Duane Gillespie Scholarship in American History of the value of \$60 was founded in 1903 by the Pennsylvania Society of Colonial Dames of America in memory of Elizabeth Duane Gillespie. It is awarded annually to a member of the sophomore or junior class on condition that the holder of the scholarship devote to the study of American history at least one unit of work for one year during the last two years of her college course. The candidate is to be selected by the Faculty of Bryn Mawr College on the ground of excellence in scholarship.

*Elizabeth
Duane
Gillespie
Scholarship*

The Charles S. Hinchman Memorial Scholarship of the value of \$500 was founded in 1917 in memory of the late Charles S. Hinchman of Philadelphia by his family. The holder will be nominated to the Faculty by the Undergraduate Scholarships Committee of the Faculty guided in its selection by (1) the student's record in her major subject, (2) written recommendations from the instructors in this subject, (3) evidence of the student's ability as shown by written work in her major subject together with a written estimate of the same by the instructor most directly concerned, such work to be submitted not later than March 15th of the year preceding the one in which the scholarship is to be awarded.

*Charles S.
Hinchman
Memorial
Scholarship*

The George Bates Hopkins Memorial Scholarship, consisting of the income of a gift of \$10,000 from Mrs. Elizabeth Hopkins Johnson, in memory of her father, is to be awarded each year at the discretion of the President and Faculty of the College to the student in the Department of Music who in their estimation most needs it and is most deserving of it.

*George
Bates
Hopkins
Memorial
Scholarship*

The Elizabeth S. Shippen Scholarships were founded in 1917 by the bequest of the late Elizabeth S. Shippen of Philadelphia. Three scholarships are awarded each year, one to the member of the senior class who

*Elizabeth S.
Shippen
Scholarships*

receives the Bryn Mawr European Fellowship and two to members of the junior class, as follows:

The Shippen Scholarship in Science of the value of \$100 is awarded to a member of the junior class, whose major subject lies in the Scientific Departments, viz., Physics, Chemistry, Geology, Biology, for excellence of work in one of these departments.

The Shippen Scholarship in Foreign Languages of the value of \$100 is awarded annually to a member of the junior class whose major subject lies in the Departments of Foreign Languages, viz., Greek, Latin, German, French, Italian, Spanish, for excellence of work in one of these departments. Work in elementary language courses is not counted.

No student shall be considered eligible for the Science or Foreign Language Scholarship who has not completed at least one-half of the second year course in the subject on which the computation is based. The winner of the Charles S. Hinchman Memorial Scholarship will not be eligible for the Shippen Scholarship in Science or in Foreign Languages.

*Sheelah
Kilroy
Memorial
Scholarships*

The Sheelah Kilroy Memorial Scholarships in English (the interest on \$5000) were founded in 1919 by Dr. and Mrs. Philip Kilroy in memory of their daughter Sheelah. These scholarships are awarded annually on the recommendation of the Department of English as follows: \$150 to a student for excellence of work in the Second Year or Advanced English; \$75 to a student for excellence of work in the First Year English and \$50 to the student in the Required English Composition who does the best written work during the year.

*Horace
White Prize*

The Horace White Prize in Greek Literature, a prize of \$50 founded by Miss Amelia Elizabeth White in 1919, is awarded to the best student in the second year class in Greek Literature, the nomination to be made by the Professor conducting the class.

Essay Prize

The President M. Carey Thomas Essay Prize of \$100 is awarded to the student whose writing in the opinion of the English Department is the best in the Senior Class.

Scholarships Awarded at Entrance and Tenable for Four Years

*Regional
Scholarships*

Regional Scholarships of \$300 to \$500 each, administered by local alumnae committees, are awarded at regular intervals in each district of the Alumnae Association of Bryn Mawr College to candidates of exceptional ability who are unable to meet in full the fees of the college. The conditions are:

1. Application on blanks obtainable from the Alumnae Scholarships and Loan Fund Committee, Taylor Hall, Bryn Mawr, Pa., should be made before April 1 of the academic year for which the scholarship is desired.

2. Awards of the scholarships are made as soon as possible after the returns of the College Entrance Board Examinations to candidates who have been admitted to Bryn Mawr College who are judged to be of the highest promise by Local Committees in consultation with the Faculty Committee on Entrance Examinations.

3. Candidates awarded Regional Scholarships and maintaining a high standard of conduct and scholarship may be assured of further scholarships from local Alumnae committees or direct from the college. Further information may be obtained from the chairman of the Alumnae Scholarships and Loan Fund, Taylor Hall, Bryn Mawr, Pa.

Eight free tuition scholarships,* two awarded each year and tenable for four consecutive years, were founded for students prepared in Philadelphia High Schools by the Trustees of Bryn Mawr College on the following terms:

*Trustees
Scholarships*

The candidate shall have matriculated for Bryn Mawr College, having received all her preparation for entrance examination at a Philadelphia High School; she shall have been recommended by the Board of Education of Philadelphia subject to the approval of the Directors of Bryn Mawr College. Provided that the conduct and academic standing of the student shall be satisfactory to the college authorities, the scholarship will be renewed annually for three years.

Eight scholarships* of the value of \$175 similar to the trustees' scholarships are awarded to graduates of a Philadelphia High School by the Board of Public Education of Philadelphia.

*City
Scholarships*

The Charles E. Ellis Scholarships* of \$500 each, tenable for four years, were founded in 1909 by bequest of the late Charles E. Ellis and are awarded on the recommendation of the Superintendent of Public Schools of the City of Philadelphia, subject to the approval of the Board of Directors and Trustees of Bryn Mawr College, to students educated in the Philadelphia public schools who have matriculated for Bryn Mawr College.

*Charles E.
Ellis
Scholarships*

In 1893 the Alumnae Association of the Girls' High and Normal School of Philadelphia founded at Bryn Mawr a scholarship,† tenable for four years, of the value of \$100, increased in 1924 to \$150. This scholarship is awarded every four years to the graduate of the Girls' High School who matriculates for Bryn Mawr College with the highest grade of that year.

*L. C. B. Saul
Scholarship*

In 1895 one scholarship* providing free tuition for a graduate of the Lower Merion High School was founded by the College and presented to the School Board of Education of Lower Merion Township, Montgomery County, Pa. In 1926 the Board of Directors of the College added three similar scholarships, one to be awarded each year to a student to be held for four consecutive years. The conditions of award are that the candidate having received all of her preparation for examination at the Lower Merion High School shall have matriculated for Bryn Mawr College and shall be recommended by the School Board of Education of Lower Merion Township subject to the approval of the Directors of Bryn Mawr College.

*Lower
Merion
Township
Scholarship*

In 1900 one scholarship† providing free tuition for a graduate of Norristown High School was presented to the School Board of Education of Norristown, Pa., on the following terms: The candidate having received all of her preparation at the Norristown High School shall have matriculated

*Norristown,
Haverford
Township
and Radnor
Scholarship*

* Information about these scholarships may be obtained at the schools.

† Information about this scholarship may be obtained at the school.

for Bryn Mawr College not later than the June preceding her entrance to the College and shall be nominated by the Superintendent of Schools or the Board of Education subject to the approval of the Board of Directors of the College. The award shall not be made twice to the same person unless the Superintendent of Schools shall file a statement with the President of the college that no other member of the graduating class is eligible for the scholarship. In 1932 this scholarship was made available for graduates of either the Haverford Township High School or of the Radnor High School.

*Minnie
Murdoch
Kendrick
Memorial
Scholarship*

The Minnie Murdoch Kendrick Memorial Scholarship providing a year's free tuition and tenable for four successive years was founded in 1916 by the bequest of the late George W. Kendrick, Jr. This scholarship is awarded by the Board of Directors of Bryn Mawr College to a candidate who has fulfilled the requirements for admission to Bryn Mawr College upon nomination by the executors of George W. Kendrick, Jr. or at their death or at the death of their survivors, by the Board of Public Education of Philadelphia.

*Foundation
Scholarship*

One competitive entrance scholarship of free tuition tenable for four years is open annually to members of the Society of Friends who are unable to pay the full charge for tuition and residence. The scholarship is awarded, as far as possible, under the same rules as those governing the competitive entrance scholarships of Bryn Mawr College.

*Frances
Marion
Simpson
Scholarships*

Four Frances Marion Simpson Scholarships,* entitling the holder to free tuition, were founded in 1912 by Justice Alexander Simpson, Jr., in memory of Frances Simpson Pfahler, of the class of 1906, one scholarship to be awarded in each October, to a candidate who receives her certificate of examination in the preceding spring matriculation examination period. Competition for these scholarships is open in the first place to residents of Philadelphia and Montgomery counties who have been prepared for Bryn Mawr College in the public schools of the said counties, or at home by their parents and guardians, or in Miss S. Janet Sayward's School at Overbrook, Pennsylvania, so long as she shall be conducting the same; or in default thereof to residents of other counties in Pennsylvania. Only those students who are unable to pay the fees for tuition, or if living at a distance, the fees for tuition and board, in Bryn Mawr College are entitled to compete. In special cases the scholarship may be awarded to a candidate from some other locality, in which case the restriction to preparation in public schools may also be relaxed, or it may be awarded to some one who can pay the charge for her tuition, or for her tuition and board in part.

The scholarships are tenable for four successive years and are meant exclusively for those students who take the full college course. Students holding the scholarships who become able to pay the tuition fees of Bryn Mawr College in whole or in part are required to do so and all holders of the scholarships are required to promise to repay for the benefit of other

* Application for these scholarships should be made on a form obtainable at the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

students in need of the scholarship, the advances made to them, when they can conveniently do so.

The Chinese Scholarship was founded in 1917 by a group of Alumnae and friends of the College to bring a Chinese student to Bryn Mawr College. It consists of the annual income from a fund of \$20,000 and additional money if necessary. It is awarded by the College and is tenable for the four undergraduate years.

*Chinese
Scholarship*

Scholarships Awarded at Entrance to be Used in the Freshman Year

A fund of \$10,000 was given in 1930 by Mr. Percy Jackson in memory of his wife, Alice Day Jackson, the income to be used to assist able students to meet the expenses of the freshman year at Bryn Mawr College.

*The Alice
Day Jackson
Fund*

The Amy Sussman Steinhart Scholarship consisting of the income of a gift of \$5000 was founded in 1931 in memory of Amy Sussman Steinhart of the class of 1902. The scholarship will be awarded to an entering student coming from one of the states west of the Mississippi.

*Amy
Sussman
Steinhart
Scholarship*

The Louise Hyman Pollak Scholarship was founded in 1931 by the Trustees from a bequest of \$5000 to the College of Louise Hyman Pollak of the class of 1908. The income will be awarded annually as a scholarship to an entering student from Cincinnati or the Middle West.

*Louise
Hyman
Pollak
Scholarship*

Scholarships of \$500 each were founded in 1885 by the Board of Managers of the Bryn Mawr School, of Baltimore, Maryland. One of these scholarships is open annually to the graduate of the Bryn Mawr School who has completed the school course with the most distinction.

*Bryn Mawr
School
Scholarship*

The Kirk School Scholarship of \$100 was founded in 1929 by the Alumnae Association of the Kirk School in honour of the Misses Kirk. The Scholarship is awarded for the freshman year to a student who has been prepared by the Kirk School.

*Kirk
School
Scholarship*

Scholarships to be Used in the Sophomore Year

The James E. Rhoads Memorial Sophomore Scholarship* of \$500 for one year was founded in 1897 by the Alumnae Association of Bryn Mawr College in memory of the first President of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have attended lectures at Bryn Mawr College not less than one semester. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College and shall prove her need of financial aid to the satisfaction of the nominating committee. The nominating committee consists of the Faculty Committee on Undergraduate Scholarships and the members of the Scholarships and Loan Fund Committee of the Alumnae Association.

*James E.
Rhoads
Memorial
Sophomore
Scholarship*

Two Maria Hopper Scholarships* of \$200 each to be held in the soph-

*Maria
Hopper
Scholarships*

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

omore year were founded in 1901 by the bequest of the late Maria Hopper of Philadelphia. They are awarded on the ground of excellence in scholarship to two members of the freshman class who need financial assistance.

Scholarships to be Used in the Junior Year

*James E.
Rhoads
Memorial
Junior
Scholarship*

The James E. Rhoads Memorial Junior Scholarship* of \$500 for one year was founded in 1897 by the Alumnae Association of Bryn Mawr College in memory of the first president of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have attended lectures at Bryn Mawr College not less than three semesters. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College and shall prove her need of financial aid to the satisfaction of the nominating committee. In case the scholarship is awarded to a non-resident student, its value shall not exceed the tuition fee. The nominating committee is the same as for the James E. Rhoads Memorial Sophomore Scholarship.

*Mary E.
Stevens
Scholarship*

The Mary E. Stevens Scholarship* of the value of \$160 to be held in the junior year, founded in 1896 by former pupils of Miss Mary E. Stevens' School, is awarded on the nomination of the President of the College to a member of the sophomore class who needs financial assistance.

*Anna
Hallowell
Memorial
Scholarship*

The Anna Hallowell Memorial Scholarship* of \$100 was founded in 1912 by the family of the late Anna Hallowell. It is awarded to a member of the sophomore class in need of financial assistance to enable her to continue her studies during her junior year and is to be awarded by the Faculty to the student satisfying the above requirement who has the highest academic record, provided that this student does not hold any other scholarship. This provision may, however, be disregarded in case of great financial need.

Scholarships to be Used in the Senior Year

*Anna M.
Powers
Memorial
Scholarship*

The Anna M. Powers Memorial Scholarship* of \$200 to be held in the senior year was founded in 1902 by the late Mrs. J. Campbell Harris in memory of her mother, Anna M. Powers. The scholarship is open to members of the junior class who need financial aid in order to complete the work for the degree.

*Thomas H.
Powers
Memorial
Scholarship*

The Thomas H. Powers Memorial Scholarship* of \$200 was founded in 1910 by the late Mrs. J. Campbell Harris in memory of her father, Thomas H. Powers. This scholarship is open to members of the junior class who need financial aid in order to complete their senior year.

Scholarships to be Used in Any Year

*Mary Anna
Longstreth
Memorial
Scholarship*

The Mary Anna Longstreth Memorial Scholarship* providing free tuition was founded in 1913 by the Alumnae of the Mary Anna Longstreth School and the children of Alumnae and a few of her friends in grateful mem-

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

ory of Mary Anna Longstreth. The scholarship is to be awarded each year to a student who needs financial aid to begin or continue her college course.

The Anna Powers Memorial Scholarship* consisting of the income of a gift of \$2000 was founded in 1919 by Mrs. Charles Merrill Hough in memory of her sister, Anna Powers, of the Class of 1890. The award of the scholarship is to be made by the Faculty of Bryn Mawr College to a student of good scholarship in need of financial aid.

*Anna Powers
Memorial
Scholarship*

The Constance Lewis Memorial Scholarship,* of \$100 annually, was founded in 1919 by the Class of 1904 in memory of their classmate Constance Lewis. The award of the scholarship is to be made by the Faculty of Bryn Mawr College.

*Constance
Lewis
Memorial
Scholarship*

The Amelia Richards Scholarship* was founded in 1921 by the bequest of the late Mrs. Frank P. Wilson in memory of her daughter, Amelia Richards, of the class of 1918. The scholarship consists of the income of \$10,000 and is awarded annually by the Trustees on the nomination of the President of the College.

*Amelia
Richards
Scholarship*

The Elizabeth Wilson White Memorial Scholarship,* consisting of the income of a gift of \$7500, was founded in 1923 by Mr. Thomas Raeburn White in memory of his wife. The scholarship is awarded annually by the President of the College to a student who is in need of assistance to enter upon or continue her work at Bryn Mawr College.

*Elizabeth
Wilson
White
Memorial
Scholarship*

The Alice Ferree Hayt Memorial award of \$50, founded in 1922, is awarded each year by Mrs. E. Todd Hayt to a student in need of financial assistance.

*Alice Ferree
Hayt
Memorial
Award*

The Abby Slade Brayton Durfee Scholarship,* consisting of the income of a fund of \$2,000 was established in 1924 under the will of the late Randall Nelson Durfee in honour of his wife. In awarding the scholarship preference will be given to candidates of American or English descent and to descendants of the class of 1894 of Bryn Mawr College.

*Abby Slade
Brayton
Durfee
Scholarship*

The Leila Houghteling Memorial Scholarship was founded in 1929 in memory of Leila Houghteling of the Class of 1911, by members of her family and a group of her contemporaries in college. The scholarship, consisting of the income of \$10,000, is to be awarded every three years, on the nomination of the Alumnae Scholarships and Loan Fund Committee, to a member of the freshman class in need of financial assistance, to be held during the three remaining years of her college course.

*Leila
Houghteling
Memorial
Scholarship*

Two Evelyn Hunt Scholarships consisting of the income of \$10,000 were founded in 1932 by the bequest of the late Eva Ramsay Hunt in memory of Evelyn Hunt of the class of 1898. These scholarships will be awarded by the Faculty to two students on the basis of the excellence of their academic work.

*Evelyn
Hunt
Scholarships*

Several Book Shop Scholarships are contributed yearly from the profits of the Bryn Mawr Cooperative Society, to be awarded to students in need of financial assistance.

*Bookshop
Scholarships*

* Application for these Scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

Scholarship at the Woman's Medical College of Pennsylvania

The Woman's Medical College of Pennsylvania presented to Bryn Mawr College in 1910 the scholarship to be awarded to a graduate of the college recommended by the President and Faculty as in their opinion qualified to take up the study of medicine. The holder is given free tuition for one year at the Woman's Medical College of Pennsylvania and the scholarship will be renewed for the three remaining years of the medical course if the holder's record prove satisfactory.

Students' Loan Fund

Students' Loan Fund

The Students' Loan Fund of the Alumnae Association of Bryn Mawr College was founded by the Class of 1890 for the use of students who need to borrow money in order to continue their college work and for the purpose of receiving contributions, no matter how small, from those who are interested in helping students to obtain an education.

These funds are managed by a committee consisting of the President of the College and the Alumnae Scholarships and Loan Fund Committee.

The Committee in administering this money follow a definite policy, designed to serve the best interests of the students concerned. Loans may be used for any purpose approved by the Committee, who strongly recommend the borrowing of small sums to relieve undue financial pressure, or to meet special emergencies. As a rule, money is not loaned to Freshmen. The terms under which money is loaned are as liberal as is consistent with business-like principles. Interest, which begins with the date of graduation, is at the rate of four per cent. Payment of the loan must be made in five years according to the following system: ten per cent in each of the first two years; fifteen per cent each in the third and fourth years; fifty per cent in the fifth year. At the discretion of the Committee, exceptions are made in special cases, for example that of a student working for a higher degree, to both the five-year limit and the date of the first interest charge.

Contributions may be sent to the chairman of the Scholarships and Loan Fund Committee, Alumnae Office, Taylor Hall, Bryn Mawr, Pa. Application blanks may be obtained from the Alumnae Office on the third floor of Taylor Hall by students who wish to borrow from the Loan Fund.

Parents' Fund

Parents' Fund

The Parents' Fund was founded and is supported by the contributions of parents and students who are able and willing to pay the full cost of tuition (approximately \$1,000). It is used in making grants to supplement the scholarship awards and to assist other students in need of financial aid.

THE BUREAU OF RECOMMENDATIONS

The college conducts a Bureau of Recommendations which assists alumnae and former undergraduate and graduate students by securing recommendations from their professors and forwarding these to individuals or agencies to whom they may apply for positions. It is not primarily a bureau of employment or appointments, although it is often instrumental in putting individuals directly in touch with positions. The bureau also helps graduate and undergraduate students to find summer work. A series of vocational lectures and conferences are conducted each year for the benefit of the undergraduate body. The services of the bureau are given free of charge to alumnae and former students of Bryn Mawr College.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest or award which is to be devoted to scholarships, fellowships or the endowment of professors' chairs in accordance to the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$10,000 yields sufficient income to provide the present tuition for one student at Bryn Mawr College.

Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
to be invested and preserved inviolably for the endowment of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Dates.....

LIBRARY

The Bryn Mawr College Library is designed to be as far as possible a library for special study. There are at present on its shelves about 143,000 bound volumes and 10,000 dissertations and pamphlets. Of special interest is the classical library of the late Professor Saupe of Göttingen, the Semitic library of the late Professor Amiaud of Paris, the mathematical library of the late Professor Charlotte Angas Scott, the Germanic library of the late Professor Karl Detlev Jessen and the geology library of former Professor Florence Bascom.

The library is open daily except Sundays from 8 A. M. to 10 P. M. and on Sunday from 9 A. M. to 10 P. M. Books may be taken out by the students unless specially reserved for library reference use.

The sum of over fifteen thousand dollars is expended yearly for books under the direction of the heads of the several collegiate departments and in addition to many gifts of single books, about thirty thousand dollars has been presented to the library during the past twenty years for expenditure in special departments.

Students may enjoy also the privileges of *Haverford College Library* and the following:

The *Library Company of Philadelphia*, which contains about 260,000 volumes, divided between the Locust Street Building and the Ridgway Branch. Its valuable collection of pamphlets is not included in the number of volumes as given above. The Library is open from 9 A. M. to 5.30 P. M. and is open to students for consultation freely during these hours. To take books from the building a deposit must be made or subscriptions will be received as follows: \$12.00 for one year, \$6.00 for six months, \$4.00 for three months.

The *Mercantile Library*, which contains about 215,000 volumes. Private subscription, \$6.00 a year for two separate works at a time.

The *Library of the Academy of Natural Sciences*, which contains about 90,000 volumes. The Council of the Academy has generously conceded the use of its library and of its museum to the students of Bryn Mawr College.

The *Library of the University of Pennsylvania*, which contains about 550,000 volumes and 50,000 pamphlets. The custodians of this library have always been liberal in extending to the College inter-library loan courtesies.

The *Free Library of Philadelphia*, which contains over 625,000 volumes and 415,000 pamphlets and unbound documents and is at all times open to the students for consultation.

The *American Philosophical Society Library*, which contains about 70,000 volumes, admission by card from a member.

The *Historical Society of Pennsylvania Library*, which contains over 150,000 bound volumes and 250,000 pamphlets is for reference only. The collection of manuscripts is one of the best in the country, comprising 7,000 volumes containing over 1,000,000 items. Every courtesy is extended to members of the college and students and members of the Faculty are specially invited to all lectures delivered at the Library.

Over six hundred publications and reviews in the English, Greek, French, Italian, Spanish, German and Swedish languages, are received by the library, as follows:

General and Miscellaneous Periodicals

American Mercury.	Literary Digest.
*Amherst Graduates' Quarterly.	Living Age.
Asia.	London Mercury.
Atlantic Monthly.	Mercure de France.
Berlin. Preuss. Akademie der Wissen- schaften Sitzungsberichte.	Munich. Bayer. Akademie der Wissen- schaft. Abhandlungen und Sitzungs- berichte.
Bookman.	Musical Quarterly.
Bookman (English).	Nation, N. Y.
Book Review Digest.	New Outlook.
Books Abroad.	Neue Rundschau.
Bookseller.	New Republic.
*Bryn Mawr Alumnae Bulletin.	New Statesman and Nation.
Bulletin of Bibliography.	New York Times Index.
*Bulletin of the New York Public Library.	Nineteenth Century.
China Weekly Review.	North American Review.
Congressional Digest.	Nouvelle Revue Française.
Contemporary Review.	Nuova Antologia.
Cumulative Book Index.	Philadelphia Symphony Orchestra Pro- gram.
Deutsche Rundschau.	Preussische Jahrbücher.
English Review.	Public Affairs Information Service Bul- letin.
Foreign Affairs.	Publishers' Weekly.
Fortnightly Review.	Punch.
Forum and Century.	Quarterly Review.
Göttingen. Gesellschaft der Wissen- schaften. Abhandlungen und Nach- richten.	Reader's Guide to Periodical Literature.
Göttingische Gelehrte Anzeigen.	Review of Reviews.
Harper's Monthly Magazine.	Revista de Archivos.
Hound and Horn.	Revista de Occidente.
Illustrated London News.	Revista de la Biblioteca, Archiv y Museo.
L'Illustration.	Revue Belge de Philologie ed d'Histoire.
International Index to Periodicals.	Revue Critique d'Histoire et de Littér- ature.
Jahresverzeichnis der an den deutschen Universitäten und Technischen Hoch- schulen erschienenen Schriften.	Revue de France.
Leipzig. Säch. Akademie der Wissen- schaften. Abhandlungen und Berichte.	Revue de Paris.
Library Journal.	Revue des Cours et Conférences.
Library Quarterly.	Revue des Deux Mondes.

Revue Politique et Littéraire; Revue
Bleue.
Saturday Review, London.
Saturday Review of Literature, N. Y.
Scientia.
Scribners Magazine.
Sewanee Review.
Spectator.

Theater Arts Monthly.
*University of Missouri, Studies.
*University of Nebraska, Studies.
*University of Texas, Studies.
*University of Washington, Studies.
Westermann's Monatshefte.
Yale Review.
Zeitschrift für Ästhetik.

Newspapers

*College News, Bryn Mawr.
El Sol.
*Home News, Bryn Mawr.
London Times.

Le Temps.
New York Times.
Philadelphia Ledger.
United States Daily.

Art and Archaeology

Aeropole.
American Academy in Rome, Memoirs.
American Journal of Archaeology.
Die Antike.
Antiquity.
Archæologische Ephemeris.
Archiv für Orientforschung.
Archiv für Papyrusforschung.
Archivo espanol de Arte y Arqueologia.
Art and Archaeology.
Art Bulletin.
Art Digest.
Art in America.
Art Index.
L'Arte.
Beaux-Arts.
Belvedere.
Berliner Museen.
Boletín de la Sociedad Española a Excur-
siones.
British School at Athens, Annual.
*Bulletin of the Cleveland Museum of Art.
Bulletin of the Metropolitan Museum of
Art, New York.
*Bulletin of the Rhode Island School of
Design.
Bulletino della Commissione archeologica
comunale de Roma.
Burlington Magazine.

Capitolium.
Dedalo.
Emporium.
Gazette des Beaux Arts.
Hesperia.
Jahrbuch der preussischen kunstsammlun-
gen.
Jahrbuch des Archäologischen Institute.
Jahreshefte des Österreichischen Archäo-
logischen Instituts in Wien.
Journal international d'archéologie numis-
matique.
Journal of Egyptian Archaeology.
Journal of Hellenic Studies.
Metropolitan Museum Studies.
Mittheilungen des Deutschen Archæo-
logischen Instituts, Athenische Abtei-
lung und Römische Abteilung.
Monumenti Antichi.
Museum Journal.
*Museum of Fine Arts Bulletin, Boston.
Notizie degli Scavi di Antichità.
Parnassus.
Revue archéologique.
Revue de l'art.
Syria.
Zeitschrift des Deutschen Palastina
Vereins.
Zeitschrift für bildende kunst.

Economics and Politics

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| <ul style="list-style-type: none"> *Advocate of Peace. All Opinions of the U. S. Supreme Court. *American Association for International Conciliation, Publications. American City. American Economic Review. American Federationist. American Journal of International Law. American Political Science Review. Annalist. Annals of the American Academy of Political and Social Science. Citizens' Business. Columbia Law Review. Commercial and Financial Chronicle. *Congressional Record. Economic Journal. Economist, London. Federal Reserve Bulletin. Good Government. Great Britain, Consolidated List of Parliamentary Publications. Harvard Business Review. Harvard Law Review. Jahrbücher für Nationalökonomie und Statistik. Johns Hopkins University Studies in Historical and Political Science. | <ul style="list-style-type: none"> *Journal du Droit international. Journal of Comparative Legislation. Journal of Criminal Law. Journal of Political Economy. Journal of the Royal Statistical Society. League of Nations Official Journal. League of Nations Treaty Series. National Municipal Review. National Tax Association Bulletin. Paix par le Droit. Political Quarterly. Political Science Quarterly. Polybiblion; Revue Bibliographique. Proceedings of the Academy of Political Science. Public Administration. Public Management. Publications of the American Economic Association. Quarterly Journal of Economics. *Revue de Droit international. Revue General de Droit international. Revue Municipale. *U. S. Weekly Commerce Reports. Zeitschrift für Kommunal Wirtschaft. Zeitschrift für National Ökonomie. Zeitschrift für Öffentliches Recht. |
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Social Economy and Social Research

- | | |
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| <ul style="list-style-type: none"> *Advance. American Child. American Child Health Association, Transactions. *American Flint. American Journal of Public Health. American Journal of Sociology. American Labor Legislation Review. American Management Association Publications. *Bakers' Journal. Better Times. Bibliographie der Socialwissenschaften. *Bridgeman's Magazine. *Broom-makers' Journal. *Bulletin of the New York State Department of Labor. Bulletin of the Taylor Society. *Carpenter. *Chase Economic Bulletin. Child Health Bulletin. *Cigar Makers' Journal. *Commercial Telegraphers' Journal. *Electrical Workers' Journal. *Elevator Constructor. Eugenics Review. | <ul style="list-style-type: none"> Factory. Family. *Garment Worker. *Granite Cutters' Journal. Housing. Human Factor. Independent Woman. Industrial Arts Index. Industrial Bulletin. Information Service. *International Engineer. International Labour Office Publications. International Labour Review. *International Musician. International Quarterly of Adult Education. *International Woodcarver. Journal of American Statistical Association. Journal of Heredity. Journal of Industrial Hygiene. Journal of Juvenile Research. Journal of Social Hygiene. Journal of Social Psychology. *Journeyman Barber. Labor Advocate. |
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- *Labor Bulletin of the Massachusetts Bureau of Statistics.
Labor News.
Labour Magazine.
Labour Monthly.
*Leatherworkers' Journal.
L'Emancipation.
Life and Labor Bulletin.
Locomotive Engineer's Journal.
*Machinists' Monthly Journal.
Mental Hygiene.
*Metal Polishers' Journal.
Ministry of Labour Gazette.
Monthly Labor Review.
National Consumers' League.
National Conference of Social Work, Bulletin and Proceedings.
New Leader.
*Painter and Decorator.
*Papermakers' Journal.
*Patternmakers' Journal.
*Paving Cutters' Journal.
Personnel.
*Plasterer.
*Plumbers, Gas and Steam Fitters Journal.
*Public Health, Michigan.
*Quarry Workers' Journal.
*Railroad Telegrapher.
*Railway Carmen's Journal.
*Railway Maintenance of Way Employee's Journal.
- Recreation.
*Retail Clerks' International Advocate.
Revue des Etudes Co-operative.
Revue Internationale de Sociologie.
*Shoeworkers' Journal.
*Shop Review.
Social Forces.
Social Service Review.
Sociological Review.
Sociology and Social Research.
*Specialty Salesman.
*Stereotypers' and Electrotypers' Journal.
Survey.
*Tailor.
*Teamsters', Chauffeurs', Stablemen and Helpers' Magazine.
*Textile Worker.
*Trade Union News.
*Typographical Journal.
Union Labor Record.
*U. S. Bureau of Immigration, Publications.
*U. S. Bureau of Labor Statistics, Bulletin.
*U. S. Bureau of the Census, Publications.
*U. S. Children's Bureau, Publications.
*U. S. Department of Health, Bulletin.
*University of Illinois, Studies in Social Sciences.
*University of Minnesota, Studies in Social Sciences.
*Woodcarver.

Education and Psychology

- American Journal of Psychology.
Année psychologique.
Archives de Psychologie.
Archives of Psychology.
Archiv für die gesammte Psychologie.
British Journal of Educational Psychology.
British Journal of Medical Psychology.
British Journal of Psychology.
Bulletin de l'Institut Psychologique.
Child Development Abstracts.
Comparative Psychology Monographs.
Education.
Education Index.
Educational Administration.
Educational Record.
Elementary School Journal.
Genetic Psychology Monographs.
Harvard Monographs in Education.
Industrial Education Magazine.
Journal de Psychologie.
- Journal für Psychologie und Neurologie.
Journal of Abnormal and Social Psychology.
Journal of Applied Psychology.
Journal of Comparative Psychology.
Journal of Educational Psychology.
Journal of Educational Research.
Journal of Experimental Psychology.
Journal of General Psychology.
Journal of Higher Education.
Journal of the American Association of University Women.
Lehrproben und Lehrgänge.
National Education Association, Publications.
National Society for the Study of Education, Yearbook.
Neue Psychologische Studien.
Pedagogical Seminary.
Proceedings of the Society for Psychical Research.

Progressive Education.
 Psychological Abstracts.
 Psychological Bulletin.
 Psychological Clinic.
 Psychological Review.
 Psychological Review; Monograph Supplements.
 Psychological Review. Psychological Index.
 Psychologische Arbeiten.
 Psychologische Forschung.
 Review of Educational Research.
 Revue Internationale de l'Enseignement Supérieur.
 Revue Universitaire.
 School and Society.

School Review.
 Supplementary Education Monographs.
 Teachers' College Contributions to Education.
 Teachers' College Record.
 Teacher's Journal and Abstract.
 U. S. Bureau of Education, Bulletin.
 University of California Publications, Education.
 Zeitschrift für angewandte Psychologie.
 Zeitschrift für pädagogische Psychologie.
 Zeitschrift für Psychologie und Physiologie der Sinnesorgane: 1. Abt., Zeitschrift für Psychologie. 2. Abt., Zeitschrift für Sinnesphysiologie.

History

American Historical Association, Reports.
 American Historical Review.
 Bulletin of the Institute of Historical Research.
 Camden Society, Publications.
 Current History.
 Economic History Review.
 English Historical Review.
 Great Britain, House of Commons, Parliamentary Debates.
 Historical Manuscripts Commission, Reports.
 Historische Vierteljahrschrift.
 Historische Zeitschrift.

History.
 *Illinois State Historical Society Journal.
 Journal of Modern History.
 Klio, Beiträge zur alten Geschichte.
 Mississippi Valley Historical Review.
 Pipe Roll Society, Publications.
 Rassegna Storica del Risorgimento.
 Révolution française.
 Revue des Questions historiques.
 Revue historique.
 Round Table.
 Royal Historical Society, Transactions.
 Selden Society, Publications.
 Surrey Record Society, Publications.

Philology and Literature, Classical

Ægyptus.
 Bulletin de Correspondance hellénique.
 Classical Journal.
 Classical Philology.
 Classical Quarterly.
 Classical Review.
 Classical Weekly.
 Eranos.
 Glotta.
 Gnomon.
 Harvard Studies in Classical Philology.
 Hermes.
 Jahresbericht über die Fortschritte der klassischen Altertumswissenschaft.
 Journal of Roman Studies.

Mnemosyne.
 Neue Jahrbücher für Wissenschaft und Jugendbild.
 Philologische Wochenschrift.
 Philologus.
 Revue de Philologie.
 Revue des Études grecques.
 Rheinisches Museum für Philologie.
 Rivista di Filologia.
 Sokrates.
 Studi Italiani di Filologia classica.
 Studi Storici per l'Antichità classica.
 Wiener Studien, Zeitschrift für klassische Philologie.
 Year's Work in Classical Studies.

Philology and Literature, General and Comparative

Acta Philologica Scandinavica.
 American Journal of Philology.
 Archiv für das Studium der neueren Sprachen.
 Arkiv for Nordisk Filologi.
 Dialect Notes.
 Indogermanische Forschungen.
 Journal of English and Germanic Philology.
 Journal of Philology.
 Medium Aeternum.
 Neophilologus.

Philologica.
 Philological Quarterly.
 Philological Society, London, Publications.
 Revue Celtique.
 Revue de Linguistique Romane.
 Studia Neophilologica.
 Studies in Philology.
 Transactions of the American Philological Association.
 Zeitschrift für romanische Philologie.
 Zeitschrift für vergleichende Sprachforschung.

Philology and Literature, Modern

American Literature.
 Anglia.
 Archivum Romanicum.
 Beiblatt zur Anglia.
 Beiträge zur Geschichte der deutschen Sprache und Literatur.
 Bibliographical Society of America, Publications.
 Bibliographical Society of London, Transactions.
 Bonner Studien zur englischen Philologie.
 British Society of Franciscan Studies.
 Bulletin du Bibliophile.
 Bulletin hispanique.
 Bulletin of Spanish Studies.
 Chaucer Society Publications (both series).
 Critica.
 (La) Cultura.
 Deutsche Literaturzeitung.
 Deutsche Texte des Mittelalters.
 Early English Text Society, Publications (both series).
 Englische Studien.
 English Journal.
 Euphorion.
 Forschungen zur neueren Literaturgeschichte.
 Germanic Review.
 Germanisch-romanische Monatsschrift.
 Giornale critico della filosofia Italiana.
 Giornale Dantesco.
 Giornale Storico della Letteratura italiana.
 Goethe Jahrbuch.
 Henry Bradshaw Society, Publications.
 Hispania.
 Jahrbuch der Deutschen Shakespeare Gesellschaft.
 Jahrbuch des Vereins für niederdeutsche Sprachforschung.

Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie.
 Language, journal.
 L'Italia che scriva.
 Literarisches Centralblatt.
 Literatur.
 Literaturblatt für germanische und romanische Philologie.
 Malone Society, Publications.
 Materialien zur Kunde des älteren englischen Dramas.
 Modern Language Journal.
 Modern Language Notes.
 Modern Language Review.
 Modern Languages.
 Modern Philology.
 Muttersprache.
 Nouvelles Littéraires.
 Notes and Queries.
 Palaestra.
 Poet-lore.
 Praeger deutsche Studien.
 Publications of the Modern Language Association.
 Quellen und Forschungen zur Sprach- und Kulturgeschichte der germanischen Völker.
 Rassegna Bibliografica.
 Review of English Studies.
 Revista de Filología Española.
 Revue des Langues Romanes.
 Revue de Linguistique romane.
 Revue de Littérature Comparée.
 Revue de Philologie française.
 Revue d'Histoire Littéraire de la France.
 Revue Germanique.
 Revue Hebdomadaire.
 Revue Hispanique.
 Romania.

Romanic Review.
 Romanische Forschungen.
 Scottish Text Society, Publications.
 Société des Anciens Textes Française,
 Publications.
 Société des Textes Français Modernes,
 Publications.
 Speculum.
 Studien zur englischen Philologie.
 Wiener Beiträge zur englischen Philologie.

The Writer.
 Yale Studies in English.
 Year's Work in English Studies.
 Zeitschrift für celtische Philologie.
 Zeitschrift für Deutschkunde.
 Zeitschrift für deutsche Philologie.
 Zeitschrift für deutsches Altertum und
 deutsche Litteratur.
 Zeitschrift für französische Spraché und
 Litteratur.

Philology and Literature, Semitic

American Journal of Semitic Languages
 and Literatures.
 Jewish Quarterly Review.
 Journal of the Royal Asiatic Society.

Zeitschrift für ägyptische Sprache und
 Altertumskunde.
 Zeitschrift für Assyriologie.

Philosophy and Religion

American Friend.
 *American Hebrew.
 Angelos.
 Anglican Theological Review.
 Annalen der Philosophie.
 Archiv für Geschichte der Philosophie.
 Archiv für Religionswissenschaft.
 Bulletin de la Société Française de Phil-
 osophie.
 Christian Faith.
 *Christian Register.
 Expository Times.
 Harvard Theological Review.
 Hibbert Journal.
 International Journal of Ethics.
 Journal of Biblical Literature.
 Journal of Philosophy.
 Journal of Religion.
 Journal of Theological Studies.

Mind.
 Monist.
 Philosophical Review.
 Philosophy.
 Proceedings of the Aristotelian Society.
 *Publications of the American Jewish
 Historical Society.
 Religious Education.
 Revue biblique.
 Revue d'histoire de la Philosophie.
 Revue de l'histoire de Religions.
 Revue de Métaphysique.
 Revue philosophique.
 *Spirit of Missions.
 *Woman's Missionary Friend.
 Zeitschrift für Alttestamentliche Wissen-
 schaft.
 Zeitschrift für die Neutestamentliche Wis-
 senschaft.

Science, General

American Journal of Science.
 Atti della Reale Accademia delle Scienze
 di Torino.
 British Association for the Advancement
 of Science, Reports.
 Comptes Rendus des Séances de l'Acadé-
 mie des Sciences.
 Journal of Scientific Instruments.
 Journal of the Washington Academy of
 Sciences.
 *Kansas University, Science Bulletin.
 Nature.
 Naturwissenschaften.
 *New York State Museum Bulletin.
 Philosophical Magazine.

Philosophical Transactions of the Royal
 Society of London.
 Proceedings of the American Philosophical
 Society.
 Proceedings of the National Academy of
 Sciences.
 Royal Society of London Proceedings,
 series B.
 Science.
 Scientific American.
 Scientific Monthly.
 *U. S. National Museum, Publications.
 *University of Missouri Studies, Sciences
 Series.

Science, Biology and Botany

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| <p>American Journal of Anatomy.
 American Journal of Physiology.
 American Naturalist.
 Anatomischer Anzeiger.
 Annual Review of Biochemistry.
 Archiv für die gesammte Physiologie.
 Archiv für Entwicklungsmechanik.
 Archiv für Protistenkunde.
 Biochemical Journal.
 Biochemische Zeitschrift.
 Biologisches Centralblatt.
 Botanisches Centralblatt.
 Genetics.
 *Illinois Biological Monographs.
 Jahrbücher für wissenschaftliche Botanik.
 Journal de Physiologie.
 Journal of Biological Chemistry.
 Journal of Experimental Medicine.
 Journal of Experimental Zoölogy.
 Journal of General Physiology.
 Journal of Genetics.
 Journal of Morphology.</p> | <p>Journal of Physiology.
 Journal of the Royal Microscopical Society.
 *Midland Naturalist.
 Physiological Abstracts.
 Physiological Reviews.
 Physiological Zoölogy.
 Quarterly Journal of Microscopical Science.
 *U. S. Public Health Service, Publications.
 *University of California Publications, Physiology.
 *University of California Publications, Zoölogy.
 *University of Toronto Studies, Biological Series.
 Zeitschrift für Physiologische Chemie.
 Zeitschrift für wissenschaftliche Zoologie.
 Zeitschrift für Zellforschung und mikroskopische Anatomie.
 Zoologischer Anzeiger.</p> |
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Science, Geology and Geography

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| <p>American Association of Petroleum Geologists. Bulletin.
 American Mineralogist.
 Annales de Geographie.
 Annotated Bibliography of Economic Geology.
 Bulletin of the Geological Society of America.
 Centralblatt für Mineralogie.
 Economic Geography.
 Geographical Journal.
 Geological Magazine.
 Geologisches Centralblatt.
 Geologists' Association, Proceedings.
 *Illinois Geological Survey Bulletin.
 Journal of Geology.</p> | <p>Journal of Sedimentary Petrology.
 Meteorologische Zeitschrift.
 Mineralogical Magazine.
 Mineralogische und Petrographische Mitteilungen.
 National Geographic Magazine.
 Neues Jahrbuch für Mineralogie, Geologie und Paläontologie.
 Pan-American Geologist.
 Quarterly Journal of the Geological Society.
 Revue de Geologie.
 *U. S. Monthly Weather Review.
 *University of Toronto Studies, Geological Series.</p> |
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Mathematics, Chemistry and Physics

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| <p>Acta Mathematica.
 American Journal of Mathematics.
 American Mathematical Monthly.
 Annalen der Chemie.
 Annalen der Physik.
 Annales de Chimie.
 Annales de l'Institut Henri Poincaré.
 Annales de Physique.
 Annales des Sciences de l'Université de Toulouse.</p> | <p>Annales scientifiques de l'Ecole Normale Supérieure.
 Annali di Matematica.
 Annals of Mathematics.
 Astrophysical Journal.
 Berichte der deutschen chemischen Gesellschaft.
 Bollettino di Matematica.
 British Chemical Abstracts.
 Bulletin de la Société Chimique de France.</p> |
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- Bulletin de la Société mathématique.
 Bulletin des Sciences mathématiques.
 Bulletin of the American Mathematical Society.
 Chemical Reviews.
 Chemisches Zentralblatt.
 Faraday Society Transactions.
 Fundamenta Mathematica.
 Giornale di Matematiche.
 Helvetica Chimica Acta.
 Jahrbuch der Chemie.
 Jahrbuch über die Fortschritte der Mathematik.
 Jahresbericht der deutschen Mathematiker Vereinigung.
 Journal de Chimie physique.
 Journal de Mathématiques.
 Journal de Physique et de le Radium.
 Journal für die reine und angewandte Mathematik.
 Journal für praktische Chemie.
 Journal of Chemical Physics.
 Journal of Physical Chemistry.
 Journal of the American Chemical Society.
 Journal of the London Chemical Society.
 Journal of the Optical Society.
 Kolloidzeitschrift.
- Mathematische Annalen.
 Mathematische Zeitschrift.
 Monatshefte für Chemie.
 Physical Review.
 Physikalsche Zeitschrift.
 Physikalsche zeitschrift der Sowjetunion.
 Proceedings of the London Mathematical Society.
 Quarterly Journal of Mathematics.
 Recueil des Travaux Chimique des Pays-Bas.
 Rendiconti del Circolo Matematico di Palermo.
 Review of Scientific Instruments.
 Reviews of Modern Physics.
 Revue Semestrielle de Publications Mathematiques.
 Science Abstracts.
 Transactions of the American Mathematical Society.
 U. S. Bureau of Standards Journal of Research.
 Zeitschrift für anorganische Chemie.
 Zeitschrift für Elektrochemie.
 Zeitschrift für Physik.
 Zeitschrift für physikalische Chemie.
 Zentralblatt für Mathematik.

UNDERGRADUATE STUDENTS

UNDERGRADUATE STUDENTS

1932-1933

- ANDEREGG, JEAN ELIZABETH.....*Major, French*, 1930-32.
Upper Montclair, N. J. Prepared by the Montclair High School. Junior year in France.
- ANDERSON, EDITH GOULD.....1932-33.
Brooklyn, N. Y. Prepared by Berkeley Institute, Brooklyn.
- ARNZEN, DOROTHY LINCOLN.....1932-33.
Fall River, Mass. Prepared by the Walnut Hill School, Natick, Mass.
- ASKINS, MARY EMMET.....1932-33.
Easton, Md. Prepared by Oldfields, Glencoe, Md. and the Misses Kirk's School, Bryn Mawr. Alumnae Regional Scholar, 1932-33.
- ATKISS, RUTH ROBINSON.....1932-33.
Philadelphia. Prepared by the Philadelphia High School for Girls. Charles E. Ellis Scholar, 1932-33.
- AVERY, ALETHEA BURROUGHS.....1932-33.
Swarthmore, Pa. Prepared by the Shipley School, Bryn Mawr.
- BAKER, JOANE E.....*Major, French*, 1931-33.
Narberth, Pa. Prepared by the Lower Merion Senior High School, Ardmore, Pa. Lower Merion High School Scholar, 1931-33.
- BALDWIN, HELEN ELIZABETH.....*Major, Politics*, 1930-33.
Montclair, N. J. Prepared by the Montclair High School.
- BALIS, NANCY MARIA.....*Major, English*, 1928-30; 1931-33.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- BALMER, LOUISE CONGDON.....*Major, Psychology*, 1929-33.
La Jolla, Calif. Prepared by the Bishop's School, La Jolla. Alumnae Regional Scholar, 1929-33.
- BALOUGH, CHARLOTTE VIRGINIA.....*Major, Psychology*, 1929-33.
Canton, Ohio. Prepared by the Baldwin School, Bryn Mawr.
- BARBER, JANET BARTON.....*Major, History of Art*, 1929-30; 1931-33.
Bethesda, Md. Prepared by the Madeira School, Fairfax County, Va.
- BARNITZ, MARY ANNA.....*Major, Archaeology*, 1929-31; 1932-33.
Chestnut Hill, Philadelphia. Prepared by the Springside School, Chestnut Hill.
- BASSOE, ESTHER.....1932-33.
Evanston, Ill. Prepared by the Evanston Township High School. Matriculation Scholar for the Western States, 1932 and Alumnae Regional Scholar, 1932-33.
- BAXTER, BARBARA STOKES.....1932-33.
Greenwich, Conn. Prepared by the Ethel Walker School, Simsbury, Conn.
- BEDINGER, MARY BUCHANAN.....1931-33.
Philadelphia, Pa. Prepared by the Baldwin School, Bryn Mawr.
- BELLAMY, FREDERICA EVA.....1932-33.
Denver, Colo. Prepared by the Kent School for Girls, Denver.
- BENNETT, ROSANNE DUNLAP.....1932-33.
Wilkes-Barre, Pa. Prepared by the Greenwood School, Ruxton, Md.
- BERG, CAROLINE FLORA.....*Major, History of Art*, 1929-33.
Portland, Ore. Prepared by the Catlin School, Portland.
- BERGSTEIN, MARJORIE LOUISE.....1932-33.
Cincinnati, Ohio. Prepared by the University School, Cincinnati.
- BERKELEY, ELLA KATHARINE.....*Major, French*, 1929-33.
New York City. Prepared by the Brearley School, New York City. Constance Lewis Memorial Scholar, 1932-33.

- BEROLZHEIMER, MARGARET GELLA.....1931-33.
New York City. Prepared by the Baldwin School, Bryn Mawr and the Fieldston School,
New York City.
- BERTOLET, RUTH.....*Major, Chemistry*, 1930-33.
Philadelphia. Prepared by the Philadelphia High School for Girls. Trustees' Scholar,
1930-33.
- BILL, CATHERINE ADAMS.....1931-33.
Cleveland, Ohio. Prepared by the Laurel School, Cleveland. Matriculation Scholar
for the Western States, 1931; Alumnae Regional Scholar, 1931-33; Amelia Richards
Memorial Scholar, 1932-33.
- BINGHAM, ELIZABETH MARY.....1932-33.
Torresdale, Pa. Prepared by the Baldwin School, Bryn Mawr.
- BISHOP, BARBARA SWAN.....*Major, Classical Archaeology*, 1930-33.
Mt. Airy, Philadelphia. Prepared by the Springside School, Chestnut Hill, Philadelphia.
- BLYTH, BEATRICE HAMILTON.....1931-33.
Dongan Hills, Staten Island, N. Y. Prepared by Dongan Hall, Staten Island.
- BOCK, BETTY.....1932-33.
Buffalo, N. Y. Prepared by the Buffalo Seminary. Alumnae Regional Scholar, 1932-33.
- BOWDITCH, SYLVIA CHURCH.....*Major, Biology*, 1929-33.
Jamaica Plain, Mass. Prepared by the Winsor School, Boston, Mass.
- BOWEN, LULA HOWARD.....*Major, Biology*, 1930-33.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School
Scholar, 1930-31.
- BOWIE, HELEN.....*Major, Economics*, 1930-33.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- BOYD, MARY KELLER.....*Major, French*, 1930-32.
Columbia, S. C. Prepared by St. Catherine's School, Richmond, Va. Junior year in
France.
- BRADLEY, MALAESKA JANE.....*Major, English*, 1929-33.
Buffalo, N. Y. Prepared by Buffalo Seminary, Buffalo. Matriculation Scholar for New
York, New Jersey and Delaware, 1929.
- BREDT, CATHERINE CORNTHWAITE.....*Major, English*, 1930-33.
West Orange, N. J. Prepared by the Shipley School, Bryn Mawr. Matriculation Scholar
for Pennsylvania and the Southern States, 1930; Alumnae Regional Scholar, 1930-33;
George Bates Hopkins Memorial Scholar in Music, 1931-32; Sheelah Kilroy Memorial
Scholar in English, 1932-33.
- BRIDGMAN, MARION LOUISE.....1932-33.
New Canaan, Conn. Prepared by the Shipley School, Bryn Mawr.
- BRIGGS, NANCY TUCKER.....1931-33.
Cincinnati, Ohio. Prepared by St. Timothy's, Cantonville, Md.
- BRIGHT, SARAH GILPIN.....1932-33.
Reading, Pa. Prepared by the Springside School, Chestnut Hill, Philadelphia.
- BRODERSEN, LELIA.....*Major, Philosophy*, 1929-33.
Cynwyd, Pa. Prepared by the Baldwin School, Bryn Mawr. Matriculation Scholar
for Pennsylvania and the Southern States, 1929.
- BRONSON, JANE SPEESE.....*Major, Economics*, 1929-33.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- BROWN, ANTOINETTE CHAPPELL.....1932-33.
Hubbard Woods, Ill. Prepared by the North Shore Country Day School, Winnetka
and the New Trier Township High School, Ill.
- BROWN, CAROLINE CADBURY.....1932-33.
Westtown, Pa. Prepared by the Westtown School. Matriculation Scholar for Pennsylv-
ania and the Southern States, 1932; Foundation Scholar, 1932-33.
- BROWN, CHRISTINE McLAREN.....*Major, History*, 1930-33.
Brooklyn, N. Y. Prepared by the Packer Collegiate Institute, Brooklyn.

- BROWN, HALLA.....*Major, French*, 1930-32.
Boston, Mass. Prepared by the Winsor School, Boston. Matriculation Scholar for the New England States, 1930. Junior year in France.
- BROWN, MADELYN JOSEPHINE.....1932-33.
New York City. Prepared by the Horace Mann School, New York City.
- BRUÈRE, HONORA.....1932-33.
New York City. Prepared by the Shipley School, Bryn Mawr.
- BRUES, ALICE MOSSIE.....*Major, Philosophy*, 1929-33.
Jamaica Plain, Mass. Prepared by the Girls' Latin School, Boston, Mass. Matriculation Scholar for the New England States, 1929; Alumnae Regional Scholar, 1929-33; Maria Hopper Sophomore Scholar, 1930-31.
- BUCHER, NANCY LESLIE RUTHERFORD.....1931-33.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1931-32.
- BURNETT, ANNE ELIZABETH.....*Major, English*, 1928-30; 1931-33.
St. Louis, Mo. Prepared by the John Burroughs School, St. Louis. Alumnae Regional Scholar, 1928-30, 1931-33; Book Shop Scholar, 1929-30; Sheelah Kilroy Memorial Scholar in English, 1932-33.
- BUSSER, BETH CAMERON.....*Major, German*, 1929-33.
York, Pa. Prepared by the High School, York and the Misses Kirk's School, Bryn Mawr. Book Shop Scholar, 1930-31; Mary E. Stevens Scholar, 1931-32; Anna M. Powers Memorial Scholar, 1932-33.
- BUTLER, BEATRICE.....*Major, Chemistry*, 1930-33.
Boston, Mass. Prepared by the May School, Boston.
- CANADAY, DOREEN DAMARIS.....1932-33.
Toledo, Ohio. Prepared by Dongan Hall, Dongan Hills, Staten Island.
- CANDEE, CECELIA DOUGLAS.....*Major, Economics*, 1929-33.
Evanston, Ill. Prepared by the Evanston Township High School, Evanston. Alumnae Regional Scholar, 1929-30, 1931-33; James E. Rhoads Sophomore Scholar, 1930-31; James E. Rhoads Junior Scholar, 1931-32; Elizabeth Wilson White Memorial Scholar, 1932-33.
- CARPENTER, MARY DOUGLAS.....*Major, French*, 1930-33.
St. Louis, Mo. Prepared by the John Burroughs School, St. Louis and the Baldwin School, Bryn Mawr.
- CARSON, EMMELINE MARGARET.....*Major, Mathematics*, 1929-33.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- CARTER, FRANCES.....*Major, Economics*, 1930-33.
Washington, D. C. Prepared by the Holton-Arms School, Washington.
- CARY, BARBARA LLOYD.....1932-33.
Mt. Airy, Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.
- CHALFANT, ELEANOR MURDOCH.....*Major, Latin*, 1929-33.
Pittsburgh, Pa. Prepared by the Peabody High School, Pittsburgh. Alumnae Regional Scholar, 1929-33; Minnie Murdoch Kendrick Memorial Scholar, 1930-33.
- CHAMBERLAYNE, ELIZABETH CLAIBORNE.....1931-33.
Richmond, Va. Prepared by St. Catherine's School, Richmond. Alumnae Regional Scholar, 1931-32; Sheelah Kilroy Memorial Scholar in English, 1932-33.
- CHAPMAN, ELINOR STICKNEY.....*Major, French*, 1929-31; 1932-33.
Lake Forest, Ill. Prepared by St. Timothy's, Cantonsville, Md. Junior year in France.
- CHAPMAN, MARIAN CLAIRE.....1932-33.
Aurora, Ohio. Prepared by the Laurel School, Cleveland, Ohio.
- CHAPPELL, LORETTO LAMAR.....1929-33.
Columbus, Ga. Prepared by the Baldwin School, Bryn Mawr.
- CHARLTON, MARY ELIZABETH.....1930-32.
Proctorsville, Vt. Prepared by the National Cathedral School, Washington, D. C. Junior year in France.
- CHASE, MARY HARLEMAN.....*Major, Classical Archaeology*, 1929-33.
Bethlehem, Pa. Prepared by the Baldwin School, Bryn Mawr.

- CHENEY, ELEANOR FAVILL.....1931-33.
Winnetka, Ill. Prepared by the North Shore Country Day School, Winnetka.
- CHURCH, GABRIEL BROOKE.....*Major, Greek*, 1930-33.
Westport, Conn. Prepared by the Hillside School, Norwalk, Conn.
- CLARK, TIRZAH MAXWELL.....*Major, German*, 1929-33.
Quebec, Canada. Prepared by the Cambridge-Haskell School, Cambridge, Mass. Alumna
Regional Scholar, 1929-33.
- CLEMENT, ETHEL WHITE.....1932-33.
Villa Nova, Pa. Prepared by the Shipley School, Bryn Mawr.
- CLEWELL, RUTH HENRY.....1932-33.
Swarthmore, Pa. Transferred from Salem College, Winston-Salem, N. C.
- CLEWS, LETA.....*Major, French*, 1929-33.
New York City. Prepared by Miss Chapin's School, New York City.
- CLUETT, FLORENCE.....1931-33.
Williamstown, Mass. Prepared by the Ethel Walker School, Simsbury, Conn.
- COHEN, ALICE HAGEDORN.....1932-33.
Pittsburgh, Pa. Prepared by the Winchester School, Pittsburgh.
- COHEN, MAIZIE-LOUISE.....*Major, English*, 1929-33.
Pittsburgh, Pa. Prepared by the Baldwin School, Bryn Mawr.
- COLE, MARGARET BURNS.....1931-33.
Philadelphia. Prepared by the Philadelphia High School for Girls. Trustees' Scholar,
1932-33.
- COLEGROVE, MARY JEANNETTE.....1932-33.
Corry, Pa. Prepared by the Corry High School and the Misses Kirk's School, Bryn Mawr.
- COLEMAN, CONSTANCE.....*Major, Latin*, 1930-33.
South Hingham, Mass. Prepared by the Hingham High School and Thayer Academy,
South Braintree, Mass.
- COLIE, ELIZABETH SOPHIA.....1931-33.
South Orange, N. J. Prepared by the Columbia High School, South Orange.
- COLLIER, MARGARET FRANCES.....*Major, French*, 1929-33.
Chestnut Hill, Philadelphia. Prepared by the Springside School, Chestnut Hill.
- COLLINS, ELLINOR HILL.....*Major, Economics*, 1929-33.
Bryn Mawr. Prepared by the Agnes Irwin School, Philadelphia and the Connecticut
College for Women.
- COOKE, MARY WARNER.....*Major, Politics*, 1930-33.
Washington, D. C. Prepared by the National Cathedral School, Washington.
- COOKE, VIRGINIA PARKER.....1931-33.
Washington, D. C. Prepared by Rosemary Hall, Greenwich, Conn.
- COPE, SARAH PERKINS.....1931-33.
Mt. Airy, Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.
- CORLISS, HELEN BALL.....*Major, Philosophy*, 1930-33.
Philadelphia. Prepared by the West Philadelphia High School and the Misses Kirk's
School, Bryn Mawr. Book Shop Scholar, 1931-33.
- CORNISH, MIRIAM.....*Major, Politics*, 1930-33.
Little Rock, Ark. Prepared by the Little Rock High School and the Misses Kirk's School,
Bryn Mawr.
- CORNISH, SYLVIA.....*Major, Politics*, 1929-33.
Little Rock, Ark. Prepared by the Little Rock High School.
- COUGHLIN, LENCHEN VERNER.....*Major, History*, 1930-33.
Wilkes-Barre, Pa. Prepared by the Wilkes-Barre Institute.
- COWENHOVEN, EMILY KEARNY.....1932-33.
Princeton, N. J. Prepared by Rosemary Hall, Greenwich, Conn. and Miss Fine's School,
Princeton.
- COXE, MARIA MIDDLETON.....*Major, English*, 1930-33.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.

- CRENSHAW, ANNA CRAWFORD.....1932-33.
Huntington, W. Va. Prepared by the Huntington High School and the Misses Kirk's School, Bryn Mawr.
- CRUMRINE, JANE.....*Major, English*, 1929-33.
Ben Avon, Pa. Prepared by the National Park Seminary, Forest Glen, Md. and the Baldwin School, Bryn Mawr.
- CULBERTSON, JUNIA WILHELMINA.....*Major, Economics*, 1930-33.
Washington, D. C. Prepared by Santiago College, Chile and Miss Madeira's School, Fairfax County, Va.
- CULBERTSON, MARGARET JANE.....1932-33.
Washington, D. C. Prepared by the Madeira School, Fairfax County, Va., Holton-Arms School, Washington and Santiago College, Chile.
- CURTIS, MARY GLADSTONE.....1931-33.
Colorado Springs, Colo. Prepared by Miss Hall's School, Pittsfield, Mass.
- DANIELS, SUSAN.....*Major, Psychology*, 1930-33.
Forest Hills, L. I., N. Y. Prepared by the Shipley School, Bryn Mawr.
- DANNENBAUM, MARGARET GIMBEL.....*Major, Latin*, 1930-33.
Oak Lane, Philadelphia. Prepared by the Oak Lane Country Day School.
- DARLINGTON, MARGARET JEANE.....*Major, Biology*, 1929-33.
Glen Ridge, N. J. Prepared by the Glen Ridge High School and the Misses Kirk's School, Bryn Mawr. Alumnae Regional Scholar and Anna Powers Memorial Scholar, 1932-33.
- DAVIS, ELIZABETH.....1931-33.
South Euclid, Ohio. Prepared by the Laurel School, Cleveland, Ohio.
- DAVIS, EMILY LOUISE.....*Major, History*, 1930-33.
New York City. Prepared by the Fieldston School, New York City. Alumnae Regional Scholar, 1930-32.
- DAVIS, ROSE GODDARD.....1932-33.
Cheshire, Conn. Prepared by the New Haven, Conn., High School. Frances Marion Simpson Scholar, 1932-33.
- DAVY, RUTH JOSEPHINE.....1931-33.
Princess Anne, Md. Prepared by the Bryn Mawr School, Baltimore.
- DETWILER, ALVA.....*Major, German*, 1930-33.
Philadelphia. Prepared by the Philadelphia High School for Girls. Trustees' Scholar, 1930-33.
- DE VARON, ANITA AURORA.....*Major, History of Art*, 1930-33.
Boston, Mass. Prepared by the Girls' Latin School, Boston. Special Alumnae Regional Scholar, 1930-31; Alumnae Regional Scholar, 1931-33.
- DE VARON, FELICITAS EMILY.....*Major, History*, 1929-33.
Boston, Mass. Prepared by the Girls' Latin School, Boston. Alumnae Regional Scholar, 1929-30; Mary Anna Longstreth Memorial Scholar, 1930-31.
- DEWES, GRACE HEDWIG.....*Major, French*, 1928-29;
Sem. II, 1929-30; 1930-32; *Sem. I*, 1932-33.
Chicago, Ill. Prepared by the Ethel Walker School, Simsbury, Conn.
- DICKERMAN, HONOUR REDINGTON..1930-31; *Sem. II*, 1931-32; 1932-33.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.
- DOCKER, KATHRYN SWAIN.....1932-33.
Germantown, Philadelphia. Prepared by the Germantown High School. Philadelphia City Scholar, 1932-33.
- DODGE, MIRIAM THURLOW.....*Major, History of Art*, 1929-33.
Newbury, Mass. Prepared by the Winsor School, Boston.
- DOUGLAS, LUCY CLABAUGH.....1931-33.
Overbrook, Pa. Prepared by the Shipley School, Bryn Mawr.
- DOWLING, GRACE.....*Major, Latin*, 1929-33.
Philadelphia. Prepared by the Philadelphia High School for Girls. Fred Gowing Memorial Scholar, 1929-30; Philadelphia Board of Education Scholar, 1929-30; Book Shop Scholar, 1932-33.

- DRAKE, CORNELIA HARSELL. *Major, French*, 1929-33.
Miami, Fla. Prepared by the Shipley School, Bryn Mawr.
- DUANY, CARMEN. *Major, Economics*, 1930-33.
New York City. Prepared by the Nightingale-Bamford School, New York City.
- EATON, ELIZABETH ANNE. 1931-33.
Northfield, Ohio. Prepared by the Hathaway-Brown School, Cleveland.
- ECKARDT, ISABEL FLORENCE. *Major, Latin*, 1929-33.
Great Neck, N. Y. Prepared by the Great Neck High School.
- ECKSTEIN, ELEANOR RAPHAEL. *Major, French*, 1929-33.
New York City. Prepared by the Low and Heywood School, Stamford, Conn.
- EDWARDS, ELIZABETH MARGERY. 1931-33.
West Roxbury, Mass. Prepared by the Girls' Latin School, Boston. Alumnae Regional Scholar, 1931-33; Book Shop Scholar, 1932-33.
- EDWARDS, ELIZABETH STUART. *Major, Economics*, 1929-33.
Dallas, Tex. Prepared by the Hockaday School, Dallas and the Baldwin School, Bryn Mawr.
- ELLIOTT, MARIE-LUISE. *Major, History of Art*, 1929-33.
Hartford, Conn. Prepared by the Walnut Hill School, Natick, Mass. and the Baldwin School, Bryn Mawr.
- ESTERLY, LOUISE JACKSON. *Major, English*, 1929-33.
Portland, Ore. Prepared by the Catlin School, Portland.
- EVANS, MARGARET WHITALL (MRS. HENRY C. EVANS)
Major, Psychology, 1928-33.
Haverford, Pa. Prepared by the Germantown Friends' School, Philadelphia.
- FABYAN, ELEANOR BROOKS. 1932-33.
Boston, Mass. Prepared by the Winsor School, Boston.
- FAETH, BETTY. 1931-33.
Kansas City, Mo. Prepared by the Sunset Hill School, Kansas City.
- FAIN, ELIZABETH. *Major, French*, 1930-32.
Greenwich, Conn. Prepared by the Shipley School, Bryn Mawr. Junior year in France.
- FAIRBANK, LUCY FITZHUGH. 1931-33.
Chicago, Ill. Prepared by the Wright School, Bryn Mawr.
- FAIRCHILD, EDITH HANSEN. 1932-33.
Milwaukee, Wis. Prepared by the Milwaukee-Downer Seminary, Milwaukee and the Shipley School, Bryn Mawr.
- FIELDS, JANE AUSTIN. 1932-33.
El Paso, Tex. Prepared by the Bishop's School, La Jolla, Calif.
- FINDLEY, ANNA MARTIN. *Major, Philosophy*, 1930-33.
Altoona, Pa. Prepared by Highland Hall, Hollidaysburg, Pa.
- FLANDERS, SARAH ELIZABETH. 1931-33.
New York City. Prepared by the Nightingale-Bamford School, New York City.
- FOUILHOX, ANITA CLARK. *Major, Politics*, 1930-33.
Short Hills, N. J. Prepared by the Kent Place School, Summit, N. J.
- FOX, KATHERINE LOUISE. *Major, Economics*, 1930-33.
Philadelphia. Prepared by Friends' Central School, Overbrook, Pa.
- FRANCHOT, GERTRUDE VANVRANKEN. 1931-33.
Boston, Mass. Prepared by the Park School of Buffalo and Miss Lee's School, Boston. Evelyn Hunt Scholar, 1932-33.
- FRASER, SARAH. *Major, Geology*, 1930-33.
Morristown, N. J. Prepared by the Brearley School, New York City.
- FUNKHOUSER, ANNE POAGE. *Major, French*, 1929-33.
Roanoke, Va. Prepared by St. Catherine's School, Richmond, Va.
- FURNESS, ADELINE FASSITT. 1931-33.
Washington, D. C. Prepared by the Holton-Arms School, Washington.

- GARDNER, JULIA GOODALL.....*Major, History of Art*, 1930-32.
Brookline, Mass. Prepared by the Winsor School, Boston, Mass.
- GARTHWAITE, LEE ADAMS.....1932-33.
Conshohocken, Pa. Transferred from Smith College.
- GATES, VIRGINIA LLOYD.....1931-33.
Philadelphia, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.
- GATESON, MARIANNE AUGUSTA.....*Major, English*, 1930-33.
Philadelphia, Pa. Prepared by the Bethlehem High School. Alumnae Regional Scholar, 1930-33; Mary Anna Longstreth Scholar, 1931-32.
- GIBBS, SARAH ELIZABETH.....*Major, Italian*, 1929-33.
Huntsville, Tex. Prepared by the Shipley School, Bryn Mawr.
- GILBERTSON, MARY STEWART.....*Sem. I.*, 1932-33.
Hartford, Conn. Prepared by the Oxford School, Hartford.
- GILL, CONSTANCE.. *Major, French*, 1928-30; *Sem. II*, 1930-31; 1931-32;
Sem. I, 1932-33.
Ocean City, Md. Prepared by the Bryn Mawr School, Baltimore.
- GILL, ELIZABETH.....*Major, History of Art*, 1928-30;
Sem. I, 1930-31; 1931-32; *Sem. I*, 1932-33.
Milwaukee, Wis. Prepared by Milwaukee-Downer Seminary, Milwaukee.
- GILL, HELEN GERTRUDE.....*Major, French*, 1930-32.
Glenace, Ill. Prepared by Ferry Hall, Ill. and the Baldwin School, Bryn Mawr. Junior year in France.
- GLANCY, ETHEL ARNOLD.....1931-33.
Brookline, Pa. Prepared by the Haverford Township High School, Brookline. Pennsylvania State Scholar, 1931-33.
- GOLDMAN, MILDRED VIVIAN.....1932-33.
Harrisburg, Pa. Prepared by the William Penn High School, Harrisburg.
- GOLDWASSER, BETTI CAROLYN.....*Major, Mathematics*, 1930-33.
New York City. Prepared by the Fieldston School, New York City. Alumnae Regional Scholar, 1930-33; Maria Hopper Sophomore Scholar, 1931-32.
- GOLDWASSER, MARJORIE A.....1932-33.
New York City. Prepared by the Horace Mann School, New York City.
- GOODHART, PHYLLIS WALTER.....*Major, Latin*, 1931-33.
Overbrook, Pa. Prepared by the Brearley School, New York. Matriculation Scholar for New York, New Jersey and Delaware, 1931.
- GRACE, EMILY RANDOLPH.....*Major, Greek*, 1929-33.
New York City. Prepared by the Brearley School, New York City. Book Shop Scholar, 1932-33.
- GRANT, ANNAMAE VIRGINIA.....*Major, Psychology*, 1929-33.
Bayside, L. I., N. Y. Prepared by the Cheltenham High School, Pa. and the Cathedral School, Garden City, N. Y.
- GRANT, CLARA FRANCES.....*Major, English*, 1930-33.
Washington, D. C. Prepared by the Shipley School, Bryn Mawr.
- GRANT, MARY ELIZABETH.....*Major, Physics*, 1929-33.
Saginaw West Side, Mich. Prepared by the Madeira School, Fairfax County, Va.
- GRASSI, BRUNHILDE AMALIA CAROLINA.....*Major, History*, 1929-33.
Scarsdale, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn.
- GRAY, BARBARA.....*Sem. I*, 1932-33.
New York City. Prepared by the Shipley School, Bryn Mawr.
- GREENWALD, BEATRICE.....1932-33.
Brooklyn, N. Y. Prepared by the Erasmus Hall High School, Brooklyn.
- GRIBBEL, KATHARINE LATTA.....*Major, French*, 1930-33.
Chestnut Hill, Philadelphia. Prepared by the Springside School, Chestnut Hill and the Misses Kirk's School, Bryn Mawr.

- HALCOMB, SUSAN FITZGERALD.....1932-33.
West Chester, Pa. Prepared by the Shipley School, Bryn Mawr. Frances Marion Simpson Scholar, 1932-33.
- HALSEY, AGNES DURANT.....1932-33.
New York City. Prepared by the Brearley School, New York City.
- HALSTEAD, MARGARET.....1932-33.
Goshen, N. Y. Prepared by the Shipley School, Bryn Mawr.
- HALSTEAD, SUZANNE.....*Major, Classical Archaeology*, 1930-33.
New York City. Prepared by the Hillside School, Norwalk, Conn. Special Alumnae Regional Scholar, 1930-31; Alumnae Regional Scholar, 1931-32; Sheelah Kilroy Memorial Scholar in English, 1931-32; Amelia Richards Memorial Scholar, 1932-33.
- HANNAN, JANET ELIZABETH.....*Major, History*, 1930-33.
Albany, N. Y. Prepared by the Albany Academy for Girls. Matriculation Scholar for New York, New Jersey and Delaware, 1930; Alumnae Regional Scholar, 1930-33; Sheelah Kilroy Memorial Scholar in English, 1931-32.
- HANSELL, EVELYN EGEE CREAMER.....1932-33.
Narberth, Pa. Prepared by the Lower Merion Senior High School, Ardmore, Pa.
- HARRINGTON, ELIZABETH.....1932-33.
Whitemarsh, Pa. Prepared by the Germantown Friends' School, Philadelphia.
- HART, ELLEN NANCY.....*Major, History*, 1930-33.
Bloomfield, N. J. Prepared by the Bloomfield High School.
- HASKELL, MARGARET LOUISE.....*Major, French*, 1930-32.
Chestnut Hill, Mass. Prepared by the Brimmer School, Boston, Mass. Junior year in France.
- HAWKS, ANNE GOODRICH.....1931-33.
Summit, N. J. Prepared by the Kent Place School, Summit. Alumnae Regional Scholar, 1931-33.
- HAYES, MARIE VANVECHTEN.....1931-33.
Middletown, N. J. Prepared by the Brearley School, New York.
- HEISKELL, JOSEPHINE.....1932-33.
Little Rock, Ark. Prepared by the Shipley School, Bryn Mawr.
- HELLMER, ISABELLA MARIE.....*Major, Geology*, 1929-33.
Germantown, Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.
- HELMERS, MARGARET JOSEPHINE.....1932-33.
Kansas City, Mo. Transferred from Skidmore College, Saratoga Springs, N. Y.
- HEMPHILL, LYDIA CORNWELL.....1931-33.
West Chester, Pa. Prepared by the Baldwin School, Bryn Mawr.
- HEMSATH, MARY ELIZABETH.....1932-33.
Mt. Airy, Philadelphia. Prepared by the Germantown High School, Philadelphia. Trustees' Scholar, 1932-33.
- HIRONS, CORNELIA POST.....*Major, Chemistry*, 1930-33.
New York City. Prepared by Rosemary Hall, Greenwich, Conn. and the Spence School, New York City.
- HIRSCHBERG, GRACE.....1932-33.
Glencoe, Ill. Prepared by the New Trier Township High School, Ill.
- HOLLANDER, BERTHA HUTZLER.....1932-33.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- HOLLOWAY, ANNE CASSEL.....*Major, French*, 1931-33.
Chevy Chase, Md. Prepared by the Madeira School, Fairfax County, Va.
- HOLZWORTH, JEAN.....1932-33.
Port Chester, N. Y. Prepared by Greenwich Academy, Greenwich, Conn. Matriculation Scholar for the New England States, 1932.
- HONOUR, MARGARET CECILIA.....1932-33.
East Orange, N. J. Prepared by the East Orange High School. Alumnae Regional Scholar, 1932-33.
- HOPE, MARIAN TALCOTT.....*Major, History*, 1930-33.
New York City. Prepared by the Ethel Walker School, Simsbury, Conn.

- HOPKINSON, JOAN.....1931-33.
Manchester, Mass. Prepared by the Winsor School, Boston.
- HORSBURGH, JANET COURTNEY.....1932-33.
Cleveland, Ohio. Prepared by the Hathaway-Brown School, Cleveland.
- HOWARD, ALBERTA ANNE.....1932-33.
Bellevue, Pa. Transferred from Wellesley College.
- HOWE, PRISCILLA.....1931-33.
Fulton, N. Y. Prepared by the Fulton High School and the Shipley School, Bryn Mawr.
- HOYT, ROSALIE CHASE.....1932-33.
Brentwood, L. I., N. Y. Prepared by Miss Chapin's School, Ltd., New York City.
- HUNT, SOPHIE LEE.....1932-33.
Kendal Green, Mass. Prepared by Concord Academy, Concord, Mass. Alumnae Regional Scholar, 1932-33.
- HUNTER, HARRIETTE.....*Major, Biology*, 1929-33.
Evanston, Ill. Prepared by the Evanston Township High School, Evanston.
- HUPFEL, SALLY MUNRO.....1931-33.
Fishkill Village, N. Y. Prepared by the Emma Willard School, Troy, N. Y.
- HURD, LAURA.....*Major, Psychology*, 1930-33.
Essex Falls, N. J. Prepared by the Kimberley School, Montclair, N. J. and the Mary C. Wheeler School, Providence, R. I.
- LOTT, ETHEL JOYCE.....*Major, Latin*, 1929-33.
Bryn Mawr. Prepared by the Lower Merion High School, Ardmore, Pa. Lower Merion High School Scholar, 1929-33.
- INGLIS, JEAN.....1932-33.
S. Euclid, Ohio. Prepared by the Laurel School, Cleveland.
- JACKSON, ELIZABETH BETHUNE.....*Major, Biology*, 1929-33.
Boston, Mass. Prepared by the Winsor School, Boston. Elizabeth S. Shippen Scholar in Science, 1932-33.
- JAMES, ROSELLA.....1931-33.
Philadelphia, Pa. Prepared by the Frankford High School, Philadelphia.
- JARRETT, OLIVIA HEATHER.....*Major, French*, 1930-33.
Princeton, N. J. Prepared by the Greenwood School, Ruxton, Md.
- JONES, FRANCES FOLLIN.....*Major, Classical Archaeology*, 1930-33.
New York City. Prepared by the Friends' Seminary, New York City.
- JONES, MARY PAULINE.....1931-33.
Scranton, Pa. Prepared by the Central High School, Scranton. Scranton College Club Scholar and Alumnae Regional Scholar, 1931-33; Pennsylvania State Scholar, 1931-33; Maria Hopper Sophomore Scholar, 1932-33.
- JONES, SALLIE.....*Major, History*, 1930-33.
Granville, Ohio. Prepared by Rosemary Hall, Greenwich, Conn.
- KALBACH, DOROTHY LOUISE.....*Major, Psychology*, 1930-33.
Reading, Pa. Prepared by the Reading High School.
- KASSEBAUM, ELIZABETH.....1932-33.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1932-33.
- KELLOGG, HELEN STEWART.....1932-33.
Schenectady, N. Y. Prepared by the Brown School, Schenectady and Rosemary Hall, Greenwich, Conn.
- KENDIG, MARJORIE JANE.....*Major, Classical Archaeology*, 1929-33.
Port Chester, N. Y. Prepared by the Knox School, Cooperstown, N. Y.
- KENT, ELIZABETH.....1931-33.
Brookline, Mass. Prepared by the Winsor School, Boston. Maria Hopper Sophomore Scholar, 1932-33.
- KIBBEY, JULIET BECKFORD.....1931-33.
Sonora, Mexico. Prepared by the Bishop's School, La Jolla, Calif.

- KIDDER, MARGARET SLOAN..... 1932-33.
New York City. Prepared by the Brearley School, New York City.
- KIMBALL, MILDRED MONTAGUE..... 1932-33.
Chattanooga, Tenn. Prepared by the Shipley School, Bryn Mawr.
- KINDLEBERGER, ELIZABETH RANDALL..... *Major, Economics*, 1929-33.
Flushing, Long Island, N. Y. Prepared by Miss Chandor's School, New York City.
- KNAPP, ANNE ALLEN..... *Major, History*, 1929-31; 1932-33.
Rye, N. Y. Prepared by the Shipley School, Bryn Mawr.
- KNAPP, NANCY BUCKINGHAM..... 1932-33.
Greenwich, Conn. Prepared by Rosemary Hall, Greenwich, Conn.
- KORFF, BARBARA..... *Major, Classical Archaeology*, 1929-33.
Washington, D. C. Prepared by the Madeira School, Fairfax County, Va.
- LAIRD, MARGARET ELIZABETH..... *Major, Chemistry*, 1931-33.
Pittsburgh, Pa. Prepared by the Thurston Preparatory School, Pittsburgh.
- LANDRETH, LOUISE SWAIN..... *Major, Latin*, 1930-33.
Bristol, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- LANE, NANCY BERTHA..... 1931-33.
Seattle, Wash. Prepared by the St. Nicholas School, Seattle and the Garden Country Day School, Long Island, N. Y.
- LAUDENBERGER, MARY ELIZABETH..... *Major, Mathematics*, 1930-33.
Phillipsburg, N. J. Prepared by the Phillipsburg High School. Maria Hopper Sophomore Scholar, 1931-32. Book Shop Scholar, 1932-33.
- LEE, MARJORIE ELIZABETH..... *Major, English*, 1930-33.
West Chester, Pa. Prepared by the Shipley School, Bryn Mawr. Mary Anna Longstreth Memorial Scholar, 1932-33.
- LEFFERTS, ISABELLA MACOMB..... 1932-33.
New York City. Prepared by Miss Chapin's School, Ltd., New York City. Matriculation Scholar for New York, New Jersey and Delaware, 1932.
- LEFFERTS, KATE CARTERET..... *Major, History of Art*, 1929-33.
New York City. Prepared by Miss Chapin's School, New York City.
- LEIDY, HELEN WEST RIDGELY..... *Major, History of Art*, 1929-33.
Towson, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- LE SAULNIER, JEANNETTE ELIZABETH..... *Major, Classical Archaeology*,
1929-33.
Indianapolis, Ind. Prepared by the Shortridge High School, Indianapolis. Alumnae Regional Scholar, 1929-33; Book Shop Scholar, 1930-31; Alice Ferree Hayt Memorial Award, 1930-33; Abby Slade Brayton Durfee Scholar, 1932-33.
- LEVIN, EVA LEAH..... *Major, Biology*, 1929-30; 1931-33.
Baltimore, Md. Prepared by the Forest Park High School, Baltimore. Alumnae Regional Scholar, 1929-30; 1931-32.
- LEWIS, BARBARA..... 1931-33.
New York City. Prepared by the Brearley School, New York City.
- LITTLE, BETTY CLARK..... 1931-33.
Griffin, Ga. Prepared by the Madeira School, Fairfax County, Va. Matriculation Scholar for Pennsylvania and the Southern States, 1931.
- LITTLE, CATHERINE..... 1931-33.
Boston, Mass. Prepared by the Winsor School, Boston.
- LLOYD-JONES, CAROLINE..... *Major, French*, 1929-31; 1932-33.
Madison, Wis. Prepared by the Western High School, Washington, D. C. and the University High School, Madison. Alumnae Regional Scholar, 1929-33. Junior year in France.
- LONGACRE, GERTRUDE RADCLIFFE..... *Major, Mathematics*, 1929-33.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia. Alumnae Regional Scholar, 1929-33.
- LORD, BETTY..... 1931-33.
Peoria, Ill. Prepared by the King-Smith Studio School, Washington, D. C. and Kemper Hall, Kenosha, Wis.

- LUKENS, ANNE BROCKIE.....1931-33.
Conshohocken, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- MACAULEY, BARBARA.....1931-32; *Sem. I*, 1932-33.
Burlingame, Calif. Prepared by the Katharine Branson School, Ross, Calif. and the
Chatelard School, Montreux, Switzerland.
- MACCURDY, NORA.....1931-33.
Pasadena, Calif. Prepared by the Bishop's School, La Jolla, Calif.
- MACKENZIE, ELIZABETH MURRAY.....*Major, English*, 1930-33.
Pittsburgh, Pa. Prepared by the Allegheny High School, Pittsburgh. Alumnae Regional
Scholar, 1930-33; James E. Rhoads Sophomore Scholar, 1931-32; James E. Rhoads
Scholar and Sheelah Kilroy Memorial Scholar in English, 1932-33.
- MACMASTER, EMMA DELPHINE.....*Major, History*, 1930-33.
Oak Lane, Philadelphia. Prepared by the Oak Lane Country Day School and Goucher
College.
- MANSEL, ELIZABETH HAMMOND.....1932-33.
Williamsport, Pa. Prepared by the National Cathedral School, Washington, D. C.
- MANSHIP, PAULINE FRANCES HOWARD.....1932-33.
New York City. Prepared by the Brearley School, New York City. Alumnae Regional
Scholar, 1932-33.
- MARKELL, JEANNETTE.....*Major, Italian*, 1929-33.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- MARSH, MARGARET.....*Major, Economics*, 1930-33.
Southport, Conn. Prepared by the Ethel Walker School, Simsbury, Conn.
- MARSHALL, JANET ATLANTIS.....*Major, History*, 1929-33.
Hubbard Woods, Ill. Prepared by the New Trier Township High School, New Trier, Ill.
Evelyn Hunt Scholar, 1932-33.
- MATHER, ELIZABETH DAVIE.....1931-33.
Chicago, Ill. Prepared by the Baldwin School, Bryn Mawr.
- MATTESON, JANE SHERRERD.....1932-33.
Providence, R. I. Prepared by the Mary C. Wheeler School, Providence.
- MAY, JANE HOPKINSON.....1931-33.
Baltimore, Md. Prepared by the Roland Park Country School, Baltimore.
- MCCORMICK, CATHERINE CHRISTINE.....1931-33.
Harrisburg, Pa. Prepared by the Seiler School, Harrisburg.
- MCCORMICK, LOUISE.....*Major, Classical Archaeology*, 1930-33.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- MCCRACKEN, MATILDA.....*Major, History*, 1929-33.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- MCELDOWNEY, HELEN.....1931-33.
Philadelphia, Pa. Prepared by Friends' Select School, Philadelphia.
- MCIVER, CORA LOUISE.....*Major, French*, 1930-33.
Washington, D. C. Prepared by the Holton-Arms School, Washington.
- MEAD, ELIZABETH LADD.....*Major, Economics*, 1929-33.
New York City. Prepared by the Brearley School, New York City.
- MEDRICK, ISABELLE STEELE.....*Major, Philosophy*, 1930-33.
Port Jervis, N. Y. Prepared by the Port Jervis High School and the Misses Kirk's School,
Bryn Mawr.
- MEEHAN, GRACE WICKHAM.....*Major, History*, 1930-33.
New York City. Prepared by the Academy of the Sacred Heart, New York City and
Kent Place School, Summit, N. J.
- MEEHAN, MABEL FRANCES.....*Major, Latin, Sem. I*, 1928-29, 1929-33.
Gwynedd Valley, Pa. Prepared by the Philadelphia High School for Girls. Trustees'
Scholar, 1928-33; Pennsylvania State Scholar, 1929-33; Constance Lewis Memorial
Scholar, 1930-31; Anna Hallowell Memorial Scholar, 1931-32; Elizabeth S. Shippen
Scholar in Foreign Languages, 1932-33.
- MEIRS, ELIZABETH WALN, 3RD.....1931-33.
New Egypt, N. J. Prepared by St. Mary's Hall, Burlington, N. J.

- MENEELY, ELIZABETH LOUISE.....*Major, Mathematics, 1930-33.*
Troy, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn. George Bates Hopkins Memorial Scholar in Music, 1931-33.
- MERCHANT, BARBARA.....1932-33.
Gloucester, Mass. Prepared by the Gloucester High School.
- MESSIMER, FRANCES WRIGHT.....1931-32; *Sem. II, 1932-33.*
Grosse Pointe Farms, Mich. Prepared by St. Catherine's School, Richmond, Va.
- MICHEL, LORRAINE ELDER (MRS. WALTER C. MICHEL).....*Hearer by Courtesy.*
Strafford, Pa.
- MILES, SARA BACHE.....*Major, Psychology, 1930-33.*
Baltimore, Md. Prepared by the Roland Park Country Day School, Baltimore.
- MITCHELL, HARRIET JEAN.....*Major, Chemistry, 1930-33.*
Duluth, Minn. Prepared by the Duluth Central High School and the Misses Kirk's School, Bryn Mawr. Mary E. Stevens Scholar, 1932-33.
- MITCHELL, MARION GARDINER.....*Major, History, 1930-33.*
Rock Island, Ill. Prepared by Rosemary Hall, Greenwich, Conn.
- MONROE, ELIZABETH.....1931-33.
Rye, N. Y. Prepared by Concord Academy, Concord, Mass.
- MORGAN, MARYALLIS.....1932-33.
Wyncote, Pa. Prepared by the Germantown Friends' School, Philadelphia.
- MORISON, ELIZABETH COTTON.....*Major, History, 1929-31; 1932-33.*
Boston, Mass. Prepared by the Misses Kirk's School, Bryn Mawr and Foxcroft, Middleburg, Va.
- MORLEY, ESTHER HEALY.....1932-33.
Cleveland, Ohio. Prepared by the Laurel School, Cleveland.
- MORRISON, JEANNETTE.....1931-33.
Quincy, Mass. Prepared by Thayer Academy, S. Braintree, Mass. Alumnae Regional Scholar, 1931-32.
- MORROW, ELIZABETH MARGARET.....1931-33.
Caldwell, N. J. Prepared by the Grover Cleveland High School, Caldwell. Alumnae Regional Scholar, 1931-33.
- MORSE, SUSAN HALLOWELL.....1931-33.
Weston, Mass. Prepared by the Winsor School, Boston.
- MULLEN, EILEEN OTTO.....*Major, French, 1929-31; 1932-33.*
Chestnut Hill, Philadelphia. Prepared by the Germantown High School, Philadelphia. Frances Marion Simpson Scholar, 1929-33. Junior year in France.
- NAKAMURA, SHIZU.....1931-33.
Tokyo, Japan. Prepared by Tsuda College, Japan and the Misses Kirk's School, Bryn Mawr. The Misses Kirk's Scholar, 1931-32; Japanese Scholar, 1931-33.
- NELSON, DOROTHY HAVILAND.....*Major, Latin, 1930-33.*
San Francisco, Calif. Prepared by the Katharine Branson School, Ross, Calif. Matriculation Scholar for the Western States, 1930; Alumnae Regional Scholar, 1930-33.
- NICHOLS, EILEEN SHEPARD.....*Major, Philosophy, 1929-33.*
Auburn, N. Y. Prepared by the Auburn Academic High School. Book Shop Scholar, 1930-33; Alumnae Regional Scholar, 1931-33.
- NICHOLS, MARY BLAKE.....*Major, Psychology, 1930-33.*
Garden City, L. I., N. Y. Prepared by the Shipley School, Bryn Mawr.
- NICOLL, CUYLER.....1932-33.
Hewlett, L. I., N. Y. Prepared by the Shipley School, Bryn Mawr.
- NICOLL, NANCY FAY.....1931-32; *Sem. II, 1932-33.*
Rye, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn. Matriculation Scholar for the New England States, 1931.
- NOBLE, EDITH.....1932-33.
New Canaan, Conn. Prepared by Rosemary Hall, Greenwich, Conn.
- OLDACH, FEDERICA HERMINE.....*Major, Classical Archaeology, 1929-33.*
Penfield, Upper Darby, Pa. Prepared by the Haverford High School, South Ardmore, Pa. and the Misses Kirk's School, Bryn Mawr. The Misses Kirk's Scholar, 1929-30.

- OSBORN, RUTH HILDA 1932-33.
Elkins Park, Pa. Prepared by the Ogontz School, Ogontz, Pa. Alumnae Regional Scholar, 1932-33.
- OTT, HELEN LOUISE 1932-33.
New York City. Prepared by the Packer Collegiate Institute, Brooklyn, N. Y.
- PAGE, LEILA CARY 1931-32; *Sem. I*, 1932-33.
Pinehurst, N. C. Prepared by the Ethel Walker School, Simsbury, Conn.
- PARK, SARA BEVAN 1932-33.
Rodgers Forge, Md. Prepared by the Bryn Mawr School, Baltimore, Md. and the Roland Park Country School, Baltimore.
- PARKER, BEULAH *Major, German*, 1929-33.
Bloomfield, Conn. Prepared by the Ethel Walker School, Simsbury, Conn.
- PARNELL, GERTRUDE ANNETTA *Major, Mathematics*, 1930-33.
Germantown, Philadelphia. Prepared by the Germantown High School. Frances Marion Simpson Scholar, 1930-33; Pennsylvania State Scholar, 1930-33; Anna Hallowell Memorial Scholar, 1932-33.
- PARSONS, ESTHER JANE *Major, Biology*, 1930-33.
Weehawken, N. J. Prepared by Miss Ransom and Miss Bridges' School, Piedmont, Calif.
- PATTERSON, EVELYN MACFARLANE *Major, Classical Archaeology*, 1930-33.
Evanston, Ill. Prepared by the Roycemore School, Evanston and Miss Wheeler's School, Providence, R. I.
- PEEK, ADELINE CHASE *Major, History of Art*, 1929-33.
Moline, Ill. Prepared by Rosemary Hall, Greenwich, Conn.
- PERKINS, EMILY WAINWRIGHT 1932-33.
Boston, Mass. Prepared by the Winsor School, Boston.
- PERRY, REBECCA 1931-33.
Dover, Mass. Prepared by the Westtown School, Westtown, Pa. and the Winsor School, Boston, Mass.
- PILLSBURY, ELIZABETH ELDRIDGE 1932-33.
Washington, D. C. Prepared by the Ethel Walker School, Simsbury, Conn.
- PINKERTON, ELEANOR COULSON *Major, History of Art*, 1928-29; 1930-33.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- PLAUT, EMMA LOUISE 1932-33.
Cincinnati, Ohio. Transferred from the University of Cincinnati.
- PLEASANTON, FRANCES *Major, Mathematics*, 1930-33.
Brookline, Mass. Prepared by the Lee School, Boston, Mass. Special Alumnae Regional Scholar, 1930-31; Alumnae Regional Scholar and Book Shop Scholar, 1931-32.
- POLACHEK, JANE EVELYN *Major, French*, 1930-33.
New York City. Prepared by the Horace Mann High School, New York City.
- PORCHER, FRANCES CALLOWAY 1932-33.
Cocoa, Fla. Prepared by the Cocoa High School and the Misses Kirk's School, Bryn Mawr. Alumnae Regional Scholar, 1932-33.
- PORTER, JEAN CORNELIA 1931-33.
Rumson, N. J. Prepared by Miss Chapin's School, New York.
- PRUGH, RUTH ELIZABETH *Major, Latin*, 1929-33.
Batavia, N. Y. Prepared by the Batavia High School.
- PUTNAM, ELIZABETH DUNCAN 1932-33.
Washington, D. C. Prepared by the Madeira School, Fairfax County, Va.
- RAYNOR, ALICE RUSSELL 1932-33.
Yonkers, N. Y. Prepared by Miss Beard's School, Orange, N. J. Alumnae Regional Scholar, 1932-33.
- REESE, ANNE ELIZABETH 1932-33.
Baltimore, Md. Prepared by the Roland Park Country School, Baltimore. Alumnae Regional Scholar, 1932-33.
- REMINGTON, EVELYN WARING *Major, Economics*, 1929-33.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.

- REUTING, RUTH ELIZABETH... *Major, German*, 1929-32; *Sem. I*, 1932-33.
Titusville, Pa. Prepared by the Madeira School, Fairfax County, Va.
- RHOADS, GERALDINE EMELINE.....1931-33.
Belleville, N. J. Prepared by the Belleville High School. American Chemical Society
Scholar, 1931-33.
- RICE, LILLIE EDNA.....1932-33.
Philadelphia. Prepared by the Frankford High School, Philadelphia. Trustees' Scholar,
1932-33.
- RICHARDS, MARIE ANN.....1931-33.
Philadelphia, Pa. Prepared by the Gordon-Rouey School, Philadelphia and the Agnes
Irwin School, Philadelphia.
- RICHARDSON, VIRGINIA.....*Major, German*, 1929-33.
Omaha, Nebr. Prepared by St. Timothy's School, Catonsville, Md. George Bates
Hopkins Memorial Scholar, 1932-33.
- RIGGS, MARY MAYNARD.....1931-33.
New York City. Prepared by the Brearley School, New York.
- RIGHTER, MARGARET MITCHELL....*Major, Classical Archaeology*, 1930-33.
Princeton, N. J. Prepared by Miss Fine's School, Princeton.
- RIPLEY, HELEN.....*Major, French*, 1931-33.
Andover, Mass. Prepared by Abbot Academy, Andover and La Marjolaine, Geneva,
Switzerland.
- ROBERT, ROSAMOND.....*Major, Mathematics*, 1929-33.
Roslindale, Mass. Prepared by the Girls' Latin School, Boston, Mass. Alumnae Regional
Scholar, 1929-30.
- ROBINSON, CHARLOTTE IRBY.....1932-33.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- ROBINSON, CONSTANCE BAYLES.....*Major, History of Art*, 1930-33.
Charleston, W. Va. Prepared by the Western High School, Washington and the North-
ampton School for Girls, Mass.
- ROBINSON, NANCY MACMURRAY.....1931-33.
Washington, D. C. Prepared by Rosemary Hall, Greenwich, Conn.
- ROTHERMEL, JOSEPHINE BRYANT.....*Major, History*, 1930-33.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- RUSSELL, LILLIAN ALFREBELE.....*Major, Chemistry*, 1930-33.
Roxbury, Mass. Prepared by the Girls' Latin School, Boston, Mass. Alumnae Regional
Scholar, 1930-33.
- SALE, VIRGINIA HARPER.....1932-33.
Buffalo, N. Y. Prepared by the Buffalo Seminary.
- SAUL, LIDIE BOWER.....*Sem. II*, 1932-33.
Philadelphia. Transferred from Radcliffe College.
- SAVAGE, SILVINE VON DORSNER (MRS. CHARLES C. SAVAGE, JR.)...*Major,*
History, 1926-28; 1929-30; *Sem. I*, 1930-31; 1932-33.
Bryn Mawr, Pa. Prepared by the Bryn Mawr School, Baltimore, Md.
- SAVAGE, SUSAN MAY.....*Major, Latin*, 1929-33.
Audubon, N. J. Prepared by the Collingswood High School, Collingswood, N. J. and the
Misses Kirk's School, Bryn Mawr. Book Shop Scholar, 1931-32; Thomas H. Powers
Memorial Scholar, 1932-33.
- SCHAPIRO, BLANCHE ETHEL.....*Major, Psychology*, 1930-33.
New York City. Prepared by the Fieldston School, New York City and Smith College.
- SCHWAB, CAROLINE OGDEN.....*Major, Economics*, 1930-33.
New York City. Prepared by Milton Academy, Milton, Mass.
- SCHWABLE, PAULINE GERTRUDE.....1932-33.
Scarsdale, N. Y. Prepared by the Emma Willard School, Troy, N. Y.
- SCOTT, HENRIETTA.....1932-33.
Chestnut Hill, Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- SEYMOUR, BETTY LUCILE.....1931-33.
Salamanca, N. Y. Prepared by the Salamanca High School.

- SHOVLIN, ELIZABETH CLAIRE.....1932-33.
Overbrook, Pa. Prepared by the Overbrook High School, Philadelphia and the Misses Kirk's School, Bryn Mawr.
- SIMONS, EURETTA ANDREWS.....1932-33.
Wynnewood, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- SIMPSON, MARGARET FLORENCE.....1931-33.
Columbus, N. J. Prepared by Miss Harris' Florida School, Miami.
- SIXT, ELIZABETH HAAR.....*Major, German*, 1929-32.
East Cleveland, Ohio. Prepared by the Shaw High School, East Cleveland. Alumnae Regional Scholar, 1929-32; Maria Hopper Sophomore Scholar, 1930-31. Senior year in Germany.
- SKEATS, BERTHA MARY.....1932-33.
Orange, N. J. Prepared by Miss Beard's School, Orange, N. J.
- SMEDLEY, ELIZABETH.....1932-33.
Narberth, Pa. Prepared by the Lower Merion High School, Ardmore, Pa. Lower Merion High School Scholar, 1932-33.
- SMITH, BARBARA ELEANOR.....*Major, History*, 1930-33.
Brooklyn, N. Y. Prepared by the Packer Collegiate Institute, Brooklyn.
- SMITH, ESTHER ELIZABETH.....*Major, Biology*, 1930-33.
St. Paul, Minn. Prepared by Milwaukee-Downer Seminary, Wis. and L'Ecole International, Switzerland. Holder of the Susan Shober Carey Memorial Award, 1932-33.
- SMITH, MILDRED MARLIN.....1931-33.
Altoona, Pa. Prepared by the Germantown High School, Philadelphia. Trustees' Scholar, 1931-33; Maria Hopper Sophomore Scholar, 1932-33.
- SMYTH, EMILY BETTS.....*Major, French*, 1929-33.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- SNEDICOR, KATHREN HELEN.....*Major, Classical Archaeology*, 1929-33.
Chicago, Ill. Prepared by the Morgan Park High School, Chicago and the Baldwin School, Bryn Mawr.
- SNYDER, EMMALEINE ALBERTA.....*Major, Psychology*, 1930-33.
Shamokin, Pa. Prepared by the Shamokin High School and the Misses Kirk's School, Bryn Mawr.
- SNYDER, MARY RUTH.....*Major, Chemistry*, 1930-33.
Brookville, Pa. Prepared by the Baldwin School, Bryn Mawr.
- SPAFFORD, LUCILLE.....1932-33.
New York City. Prepared by Miss Wright's School, Bryn Mawr and the Ethel Walker School, Simsbury, Conn.
- STERN, JEAN.....1932-33.
New York City. Prepared by Miss Todhunter's School, New York City and the Knox School, Cooperstown, N. Y.
- STEVENSON, NANCY.....*Major, History*, 1930-33.
Yonkers, N. Y. Prepared by the Shipley School, Bryn Mawr.
- STEWART, ALICIA BELGRANO.....1932-33.
Washington, D. C. Prepared by the Maret School, Washington.
- STOKES, RUTH KONOVER.....1932-33.
Allenhurst, N. J. Prepared by the Asbury Park High School, N. J. and the Misses Kirk's School, Bryn Mawr.
- STONE, ELLEN BALCH.....1932-33.
Jamaica Plain, Mass. Prepared by the Winsor School, Boston, Mass.
- SUPPES, SARA ANN DIBERT.....*Major, History of Art*, 1930-33.
Johnstown, Pa. Prepared by the Harcum School, Bryn Mawr.
- SWAB, FLORENCE MILLER.....1931-33.
Lancaster, Pa. Prepared by the Stevens High School, Lancaster and the Shippen School, Lancaster.
- SWENSON, MARY CHARLOTTE..*Major, History*, 1929-32; *Sem. I*, 1932-33.
Locust, N. J. Prepared by the Ethel Walker School, Simsbury, Conn.

- SWIFT, MARIE FITZGERALD.....1932-33.
Chicago, Ill. Prepared by the Ethel Walker School, Simsbury, Conn. and the Florentine School for Girls, Florence, Italy.
- TAFT, REBEKAH LOCKWOOD.....*Major, Chemistry, 1929-33.*
Andover, Mass. Prepared by Wykeham Rise, Washington, Conn. Maria L. Eastman Brooke Hall Memorial Scholar, 1932-33.
- TAGGART, JOSEPHINE BROWN.....1932-33.
Watertown, N. Y. Prepared by the Madeira School, Fairfax County, Va. and Rosemary Hall, Greenwich, Conn.
- TATE-SMITH, DIANA.....1931-33.
New York City. Prepared by the Brearley School, New York City. Alumnae Regional Scholar, 1931-32; James E. Rhoads Scholar, 1932-33.
- TAUSSIG, MARY BOLLAND....*Major, French, 1929-31; Sem. II, 1931-32;*
1932-33.
St. Louis, Mo. Prepared by Mary Institute, St. Louis.
- TAYLOR, MARGARET GEIB.....1931-33.
Madison, N. J. Prepared by the Kent Place School, Summit, N. J.
- TERRY, ELIZABETH MAHN.....1932-33.
Sewickley, Pa. Prepared by the Sewickley High School and the Misses Kirk's School, Bryn Mawr.
- THOMPSON, EVELYN HASTINGS.....1931-33.
Brookline, Mass. Prepared by the Winsor School, Boston. Alumnae Regional Scholar, 1931-32; Leila Houghteling Memorial Scholar and Sheelah Kilroy Memorial Scholar in English, 1932-33.
- TILLINGHAST, SARA HENRY.....1932-33.
Providence, R. I. Prepared by the Mary C. Wheeler School, Providence.
- TING, VUNG-YUIN.....1931-33.
Shanghai, China. Prepared by the McTyeire School, China and the Shipley School, Bryn Mawr. Chinese Scholar, 1931-33.
- TIPTON, MARTHA JANE.....*Major, Economics, 1929-33.*
New York City. Prepared by the Ogontz School, Ogontz, Pa. Book Shop Scholar, 1931-32.
- TOBIN, MARGARET LINBURG.....1931-33.
Trenton, N. J. Prepared by the Ethel Walker School, Simsbury, Conn.
- TODD, SARAH HELEN.....1932-33.
New Bethlehem, Pa. Prepared by the New Bethlehem High School and the National Cathedral School, Washington, D. C.
- TORRANCE, SUSAN ELIZABETH.....*Major, Chemistry, 1929-33.*
Norfolk, Conn. Prepared by Dana Hall, Wellesley, Mass. Alumnae Regional Scholar, 1929-33.
- TRENT, MARJORIE LIDDON.....*Major, Chemistry, 1928-30; 1931-33.*
Lansdowne, Pa. Prepared by the Lansdowne High School and Friends' Select School, Philadelphia. Foundation Scholar, 1932-33.
- TROWBRIDGE, VIRGINIA ELVIRA....*Major, Classical Archaeology, 1930-33.*
Bedford Hills, N. Y. Prepared by the Shipley School, Bryn Mawr.
- TURNER, LOUISE CLEWELL.....*Major, English, 1930-33.*
Roanoke, Va. Prepared by the Jefferson High School, Roanoke and the Misses Kirk's School, Bryn Mawr. The Misses Kirk's Scholar, 1930-31; Book Shop Scholar, 1931-33.
- TYLER, ELEANOR MARGARET.....*Major, French, 1929-31; 1932-33.*
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Junior year in France.
- ULLOM, MARGARET JANE.....*Major, English, 1929-33.*
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- ULMAN, ELIZABETH HOLMES.....*Major, History, 1929-33.*
Washington, D. C. Prepared by the Madeira School, Fairfax County, Va.
- VANAUKEN, EDITH DUNCAN.....1931-33.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia. Charles E. Ellis Scholar, 1931-33.

- VANKEUREN, FRANCES CUTHBERT.....1931-33.
Chevy Chase, Md. Prepared by the Madeira School, Fairfax County, Va. Alumnae Regional Scholar, 1931-33.
- VAN VECHTEN, ANNE SANDS.....1932-33.
Elizabeth, N. J. Prepared by the Kent Place School, Summit, N. J.
- VANVECHTEN, MARIE-LOUISE.....1931-33.
Elizabeth, N. J. Prepared by the Kent Place School, Summit, N. J.
- VEEDER, MARGARET DE WITT.....1932-33.
New York City. Prepared by the Brearley School, New York City.
- WALDENMEYER, ALMA IDA AUGUSTA.....1931-33.
Philadelphia, Pa. Prepared by the Philadelphia High School for Girls. Trustees' Scholar, 1931-33.
- WALSH, DOROTHY DREXEL.....1932-33.
Montclair, N. J. Prepared by the Montclair High School.
- WALTER, ELIZABETH ALLEN.....*Major, English*, 1930-33.
Allentown, Pa. Prepared by the Hamilton Preparatory School, Allentown.
- WATSON, FRANCES ELLEN.....1931-33.
Garden City, N. Y. Prepared by Pine Manor Junior College, Wellesley, Mass.
- WELD, ELIZABETH MINOT.....1931-33.
New York City. Prepared by Concord Academy, Concord, Mass.
- WELD, SERENA MARSHALL.....*Major, History of Art*, 1929-33.
New York City. Prepared by Concord Academy, Concord, Mass.
- WHITING, ANNE FRANCES.....1932-33.
Cumberland, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- WHITNEY, HELEN CATHERINE.....1931-33.
Garden City, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn.
- WICKERSHAM, ELIZABETH HOPE.....1932-33.
Ventnor, N. J. Prepared by the Westtown School, Westtown, Pa.
- WILLIAMS, JOSEPHINE JUSTICE.....*Major, Mathematics*, 1929-33.
Jenkintown, Pa. Prepared by the Agnes Irwin School, Philadelphia. Charles S. Hinchman Memorial Scholar, 1932-33.
- WILSON, VIRGINIA NANCY.....1932-33.
St. Davids, Pa. Transferred from Vassar College.
- WINTERITZ, JEANNE.....1932-33.
Wayne, Pa. Prepared by the Radnor High School, Wayne.
- WOOD, MARJORIE.....1931-33.
Pelham Manor, N. Y. Prepared by St. Catherine's School, Richmond, Va.
- WOOD, REBECCA BIDDLE.....*Major, History of Art*, 1929-33.
Portland, Ore. Prepared by the Catlin School, Portland. Matriculation Scholar for the Western States, 1929.
- WOODWARD, ANNE.....1932-33.
Council Bluffs, Ia. Prepared by Brownell Hall, Omaha, Nebraska.
- WOODWARD, NANCY CECELIA.....1931-33.
Governors Island, N. Y. Prepared by Miss Barry's Foreign School for Girls, Florence, Italy and the Spence School, New York.
- WOODWARD, VIRGINIA.....1932-33.
Toms River, N. J. Prepared by the Toms River High School and the Misses Kirk's School, Bryn Mawr.
- WRIGHT, ANN BLOSE.....1932-33.
Douglaston, L. I., N. Y. Prepared by the Cathedral School of St. Mary, Garden City, L. I. and the Misses Kirk's School, Bryn Mawr. The Misses Kirk Scholar, 1932-33.
- WYCKOFF, ELIZABETH PORTER.....1932-33.
New York City. Prepared by the Brearley School, New York City. Anne Dunn Scholar, 1932-33.

- WYLIE, MARGARET CAROLYN.....1932-33.
Dorchester, Mass. Prepared by the Girls' Latin School, Boston, Mass. Alumnae
Regional Scholar, 1932-33.
- YEAKEL, ELEANOR HUGINS.....*Major, Biology*, 1929-33.
Pittsburgh, Pa. Prepared by the Peabody High School, Pittsburgh. Special Alumnae
Regional Scholar, 1929-30; Alumnae Regional Scholar, 1930-33.
- YOAKAM, LETITIA TALBOTT.....*Major, Classical Archaeology*, 1930-33.
Manville, R. I. Prepared by Miss Wheeler's School, Providence, R. I.

SUMMARY OF UNDERGRADUATE STUDENTS

	Total for the Year
Class of 1933.....	92
Class of 1934.....	83
Class of 1935.....	85
Class of 1936.....	114
Hearer.....	1
Total.....	375

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	FIRST YEAR	*Chemistry (ton *French, Div DivK *Geology (W †Greek: Plat *History, DivD Mathematic) N *Philosophy, guna) F	*Chemistry (Crenshaw) Dalton Latin, Div. III (Marti) A *Philosophy, Div. II (Weiss) F *Politics (Fenwick) S
	SECOND YEAR	*History of since the Renaissance (Potter) G Mathematic → C Spanish: Lite) H	History of Art: Mediæval Art (E. Diez) G Mathematics: Geometry (Lehr) C *Politics (Wells) B Spanish: Reading and Composition (Gillet) H
	ADVANCED	†History: U. (W. R. Smith) L †Psychology: chology (MacKinnon) Library 1	Biology: Biochemistry (Blanchard) Dalton Chemistry: Organic (Richtmyer) Dalton History: Europe since 1870 (Gray) D
	ELECTIVE	English: Thvel (Kirk) B Music: Secordy and Appreciation	Physics: Astronomy (Michels) Dalton

BRYN MAWR COLLEGE

CALENDAR

GRADUATE COURSES

1933

BRYN MAWR, PENNSYLVANIA

Published by Bryn Mawr College
Vol. XXVI. Number 2. June, 1933.

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Pennsylvania, under Act of July 16, 1894.*

BRYN MAWR COLLEGE CALENDAR

1933

- Number 1. Undergraduate Courses.
- Number 2. Graduate Courses.
- Number 3. The Library and Halls of Residence,
Plans and Descriptions.
- Number 4. Finding List.

BRYN MAWR COLLEGE

1933							1934							1935																												
JULY							JANUARY							JULY							JANUARY							JULY														
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S								
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AUGUST							FEBRUARY							AUGUST							FEBRUARY							AUGUST														
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12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17	12	13	14	15	16	17	18	10	11	12	13	14	15	16								
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26	27	28	29	30			27	28	29	30	31			25	26	27	28	29	30	26	27	28	29	30	31		24	25	26	27	28	29	30									
DECEMBER							JUNE							DECEMBER							JUNE							DECEMBER														
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24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29	23	24	25	26	27	28	29	22	23	24	25	26	27	28								
31							30	31						30	31						30							29	30	31												

The forty-ninth academic year will close with the conferring of Degrees at eleven o'clock, on June 6, 1934.

COLLEGE CALENDAR

1933-34

FIRST SEMESTER

College Entrance Board Condition Examinations begin.....	September 18
College Entrance Board Condition Examinations end.....	September 22
Halls of Residence open to the entering class at 3 p. m.....	September 27
Registration of Freshmen.....	September 28
Radnor Hall opens to new graduate students at 9 a. m.....	September 30
Registration of new graduate students.....	September 30
Halls of Residence open to all students at 8 p. m.....	October 1
Registration of students.....	October 2
Examinations for advanced standing begin.....	October 2
Deferred and condition examinations begin.....	October 2
The work of the forty-ninth academic year begins at 8.45 a. m.....	October 3
Examination in German for Seniors conditioned, 9-10.30 a. m. . .	October 7
Examination in German for M.A. candidates, 9-10.30 a. m.....	October 7
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Examination in German for M.A. candidates, 8-9.30 p. m. . . .	November 22
Examination in French for M.A. candidates, 9-10.30 a. m. . . .	November 25
Lectures under the Anna Howard Shaw Memorial Fund end	November 28
Thanksgiving vacation begins at 12.45 p. m.	November 29
Thanksgiving vacation ends at 9 a. m.	December 4
Ph.D. Language examinations.....	December 9
Christmas vacation begins at 12.45 p. m.	*December 22
Christmas vacation ends at 9 a. m.	January 8
Last day of lectures.	January 19
Half-yearly collegiate examinations begin.....	January 22
Ph.D. Language examinations.....	January 22
Collegiate examinations end.....	February 2
Annual meeting of the Alumnae Association.....	February 3
Vacation.....	February 5

SECOND SEMESTER

The work of the second semester begins at 9 a. m.....	February 6
Announcement of Graduate European Fellowships.....	March 16
Spring vacation begins at 12.45 p. m.	*March 23
Spring vacation ends at 9 a. m.	April 3
Deferred and condition examinations begin.....	April 3
Deferred and condition examinations end.....	April 7
Monday classes transferred to Saturday.....	April 7
Ph.D. Language examinations.....	April 7
Examinations in French for Juniors.....	April 28
Examinations in German for Juniors.....	May 5
Last day of lectures.	May 18
Collegiate examinations begin.....	May 21
Collegiate examinations end.....	June 1
Baccalaureate Sermon.....	June 3
Conferring of degrees and close of forty-ninth academic year.	June 6

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict students will be required to make up the work in the free hours.

COLLEGE CALENDAR

1934-35

FIRST SEMESTER

College Entrance Board Condition Examinations begin	September 17
College Entrance Board Condition Examinations end	September 21
Halls of Residence open to the entering class at 3 P. M.	September 26
Registration of Freshmen	September 27
Radnor Hall opens to new Graduate Students at 9 A. M.	September 29
Registration of new Graduate Students	September 29
Halls of Residence open to all students at 8 P. M.	September 30
Registration of students	October 1
Examinations for advanced standing begin	October 1
Deferred and condition examinations begin	October 1
The work of the fiftieth academic year begins at 8.45 A. M.	October 2
Examination in German for Seniors conditioned, 9-10.30 A. M.	October 6
Examination in German for M.A. candidates, 9-10.30 A. M.	October 6
Deferred and condition examinations end	October 6
Examinations for advanced standing end	October 6
Examination in French for Seniors conditioned, 9-10.30 A. M.	October 13
Examination in French for M.A. candidates, 9-10.30 A. M.	October 13
Examination in German for M.A. candidates, 8-9.30 P. M.	November 21
Examination in French for M.A. candidates, 9-10.30 A. M.	November 24
Thanksgiving vacation begins at 12.45 P. M.	November 28
Thanksgiving vacation ends at 9 A. M.	December 3
Ph.D. Language examinations	December 8
Christmas vacation begins at 12.45 P. M.	*December 21
Christmas vacation ends at 9 A. M.	January 7
Last day of lectures	January 18
Half-yearly collegiate examinations begin	January 21
Ph.D. Language examinations	January 21
Collegiate examinations end	February 1
Annual meeting of the Alumnae Association	February 2
Vacation	February 4

SECOND SEMESTER

The work of the second semester begins at 9 A. M.	February 5
Announcement of Graduate European Fellowships	March 15
Spring vacation begins at 12.45 P. M.	*March 29
Spring vacation ends at 9 A. M.	April 8
Deferred and condition examinations begin	April 8
Deferred and condition examinations end	April 13
Ph.D. Language examinations	April 13
Examinations in French for Juniors	April 27
Examinations in German for Juniors	May 4
Last day of Lectures	May 17
Collegiate examinations begin	May 20
Collegiate examinations end	May 31
Baccalaureate Sermon	June 2
Conferring of degrees and close of fiftieth academic year	June 5

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict students will be required to make up the work in the free hours.

BRYN MAWR COLLEGE

BRYN MAWR COLLEGE was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his lifetime the site of the college at Bryn Mawr, five miles west of Philadelphia, was purchased and the buildings were begun. At his death in January, 1880, he left the greater part of his estate for the foundation and maintenance of an institution of higher education for women. In 1880 the college was incorporated under the laws of Pennsylvania and was invested with the power to confer degrees; in 1883 the trustees issued a circular of information; in 1884 a President, Dr. James E. Rhoads, and a Dean of Faculty, Miss M. Carey Thomas, were elected, plans were matured and academic appointments were made. In the spring of 1885 the first catalogue was issued and in the autumn of the same year the college began its first academic year.

On the death of President Rhoads in 1893, Dean Thomas was elected to the presidency, which office she held until she reached the age of retirement in 1922. President Marion Edwards Park was elected to the presidency in 1922.

Bryn Mawr College has believed always in the value of small classes and limits the total enrollment of undergraduates to about four hundred and resident graduates to less than one hundred. From the first it has been the policy of the trustees to organize no department in which they could not provide for graduate as well as undergraduate study offered by the same faculty.

Bryn Mawr College confers the degrees of Bachelor of Arts, Master of Arts and Doctor of Philosophy.

The departments of the college are:

Biblical Literature	History
Biology	History of Art
Chemistry	Italian
Classical Archæology	Latin
Comparative Philology and Linguistics	Mathematics
Economics and Politics	Music
Education	Philosophy
English	Physics
French	Psychology
Geology	Social Economy
German	Spanish
Greek	

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SAMUEL EMLÉN	LOUISE FLEISCHMANN MACLAY*** <i>Alumnæ Director, 1932-37</i>
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GERTRUDE DIETRICH SMITH††† <i>Alumnæ Director, December 1933-38</i>	

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†† Mrs. Dexter Otey.
‡‡ Mrs. Angus Macdonald Frantz.
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OFFICERS OF ADMINISTRATION

ACADEMIC YEAR, 1932-33

President

MARION EDWARDS PARK, PH.D., LL.D. Office: Taylor Hall.

President Emeritus

M. CAREY THOMAS, PH.D., LL.D., L.H.D.

Dean

HELEN TAFT MANNING, PH.D. Office: Taylor Hall.

Dean of the Graduate School

EUNICE MORGAN SCHENCK, PH.D. Office: The Library.

Director of Publication

CAROLINE CHADWICK-COLLINS, A.B. Office: Taylor Hall.

Secretary and Registrar

BARBARA GAVILLER, A.B., B.Sc. Office: Taylor Hall.

Director of Scholarships and Assistant to the Dean and Director of Admissions-elect

JULIA WARD, A.B. Office: Taylor Hall.

Assistant to the President

DOROTHY MACDONALD, A.B. Office: Taylor Hall.

Wardens of the Halls of Residence

KATHERINE MARY PEEK, M.A., Pembroke Hall (*Head*).

GERTRUDE BANCROFT, A.B., Pembroke Hall (*Assistant*), Sem. I. and Merion Hall, Sem. II.

EDITH GRANT, A.B., Pembroke Hall (*Assistant*), Sem. II.

JOSEPHINE McCULLOCH FISHER, A.B., Merion Hall, Sem. I.

RUTH MULFORD COLLINS, M.A., Rockefeller Hall.

ROSAMOND CROSS, A.B., Denhigh Hall.

CATHERINE PALMER ROBINSON, M.A., Radnor Hall (*Senior Resident*).

Director of Halls

CHARLOTTE BRANDON HOWE, M.A. Office: Rockefeller Hall.

College Physician

MARJORIE JEFFERIES WAGONER, M.D. Office: The Infirmary.

Consultant in Psychiatry and Mental Hygiene

EARL D. BOND, M.D., 707 Old Lancaster Road, Bryn Mawr.

Director of Physical Education and Supervisor of Health

JOSEPHINE PETTS. Office: The Gymnasium.

Librarian

LOIS ANTOINETTE REED, A.B., B.L.S. Office: The Library.

Comptroller

SANDY LEE HURST. Office: Taylor Hall.

Superintendent

JOHN J. FOLEY. Office: Rockefeller Hall.

ACADEMIC APPOINTMENTS

ACADEMIC YEAR, 1932-33

TEACHING

MARION EDWARDS PARK, PH.D., LL.D., *President of the College.*

A.B. Bryn Mawr College 1898, M.A. 1899 and Ph.D. 1918. Holder of the Bryn Mawr European Fellowship, 1898-99 and Graduate Student, Bryn Mawr College, 1898-99, 1912-14, 1916-17; American School of Classical Studies, Athens, Greece, 1901-02; Instructor in Classics, Colorado College, 1902-06 and Assistant Professor of Classics, 1914-15; Teacher in Miss Wheeler's School, Providence, R. I., 1906-09; Acting Dean of Bryn Mawr College, 1911-12; Dean of Simmons College, 1918-21; Dean of Radcliffe College, 1921-22; President of Bryn Mawr College, 1922—.

M. CAREY THOMAS, PH.D., LL.D., L.H.D., *President Emeritus of the College.*

A.B. Cornell University 1877; Ph.D. University of Zurich 1882. Studied at the Johns Hopkins University, 1877-78; University of Leipsic, 1879-81. Student in the Sorbonne and Collège de France, 1883; Dean of the Faculty of Bryn Mawr College and Professor of English, 1885-94 and President of the College and Professor of English, 1894-1922.

HELEN TAFT MANNING, PH.D., *Dean of the College.*

A.B. Bryn Mawr College 1915; M.A. Yale University 1916 and Ph.D. 1924. Dean of Bryn Mawr College, 1917-19 and 1925—, Acting President, 1919-20 and 1929-30.

EUNICE MORGAN SCHENCK, PH.D., *Professor of French and Dean of the Graduate School and Holder of a Special Grant.*

A.B. Bryn Mawr College 1907 and Ph.D. 1913. Graduate Student, Bryn Mawr College, 1909, Graduate Scholar, 1909-10 and Fellow in Romance Languages, 1912-13; President's European Fellow and Student in the Sorbonne, Collège de France, University of Grenoble and in Madrid, 1910-12; Reader in French, Bryn Mawr College, 1913-14, Associate in French, 1914-16, Dean of the College and Associate Professor of French, 1916-17, Associate Professor of French, 1917-25, Professor, 1925— and Dean of the Graduate School, 1929—.

WILMER CAVE WRIGHT, PH.D., *Professor of Greek.*

Girton College, University of Cambridge, England, 1888-92; Graduate in Honours, Cambridge Classical Tripos, 1892; Ph.D., University of Chicago, 1895. Fellow in Greek, Bryn Mawr College, 1892-93; Fellow in Latin, University of Chicago, 1893-94 and Fellow in Greek, 1894-95; Reader in Greek and Latin, University of Chicago, 1895-96; Reader in Classical Literature, Bryn Mawr College, 1897-99, Associate in Classical Literature, 1899-1901, Associate in Greek, 1901-04 and 1905-07, Associate Professor, 1907-1921 and Professor, 1921-33.

JAMES H. LEUBA, PH.D., *Professor of Psychology and Holder of a Julius and Sarah Goldman Grant.*

B.S. University of Neuchatel 1886; Ph.D. Clark University 1896. Scholar in Psychology, Clark University 1892-93 and Fellow in Psychology 1893-95. Associate in Psychology and Education, Bryn Mawr College, 1897-1904, Associate Professor 1904-06 and Professor of Psychology, 1906-33.

HENRY NEVILL SANDERS, PH.D., *Alumnae Professor of Greek.*

Edinburgh University, 1887-88; Göttingen University, 1894-95. A.B. Trinity University, Toronto, 1894 and M.A. 1897; Ph.D. Johns Hopkins University 1903. Fellow in Greek, Johns Hopkins University, 1897-98; Lecturer in Greek, Latin and Sanskrit, McGill University, 1898-1902; Associate Professor of Greek, Bryn Mawr College, 1902-05 and Professor, 1905—.

WILLIAM ROY SMITH, PH.D., *Professor of History.*

A.B. University of Texas 1897 and M.A. 1898; Ph.D. Columbia University 1903. Acting Professor of History and Political Science, University of Colorado, 1900-01; Lecturer in History, Barnard College, 1901-02; Reader in History, Bryn Mawr College, 1902-03, Associate, 1903-07, Associate Professor, 1907-14 and Professor, 1914—.

LUCY MARTIN DONNELLY, A.B., *Mary Elizabeth Garrett Memorial Alumna Professor of English and Holder of the Lucy Martin Donnelly Grant.*

A.B. Bryn Mawr College 1893. University of Oxford and University of Leipsic, 1893-94; Sorbonne and Collège de France and University of Leipsic, 1894-95; Reader in English, Bryn Mawr College, 1896-1903, Lecturer, 1903-08, Associate Professor, 1908-11 and Professor, 1911—.

DAVID HILT TENNENT, PH.D., *Professor of Biology and Holder of a Special Grant.*

B.S. Olivet College 1900; Ph.D. Johns Hopkins University 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904 and 1912; Lecturer in Biology, Bryn Mawr College, 1904-05, Associate, 1905-06, Associate Professor, 1906-12 and Professor, 1912—.

MARION PARRIS SMITH, PH.D., *Professor of Economics.*

A.B. Bryn Mawr College 1901 and Ph.D. 1907. Graduate Student, Bryn Mawr College, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07; Reader in Economics and Politics, Bryn Mawr College, 1907-08, Associate in Economics, 1908-12, Associate Professor, 1912-16 and Professor, 1916—.

GRACE MEAD ANDRUS DE LAGUNA, PH.D., *Professor of Philosophy.*

A.B. Cornell University 1903 and Ph.D. 1906. Sage Scholar in Philosophy, Cornell University, 1903-05; Reader in Philosophy, Bryn Mawr College, 1907-08, Associate in Philosophy, 1911-16, Associate Professor, 1916-29 and Professor, 1929—.

REGINA KATHARINE CRANDALL, PH.D., *Margaret Kingsland Haskell Professor of English Composition.*

A.B. Smith College 1890; Ph.D. University of Chicago 1902. Graduate Student, University of Chicago, 1893-94 and Fellow in History, 1894-96; Assistant in History, Smith College, 1896-99; Instructor in History, Wellesley College, 1899-1900; Reader in English, Bryn Mawr College, 1902-16, Director of English Essay Work, 1913-16, Associate in English, 1916-17, Associate Professor of English Composition 1917-18 and Professor, 1918-33.

SAMUEL CLAGGETT CHEW, PH.D., *Professor of English Literature and Holder of the Mary Hill Swope Grant.*

A.B. Johns Hopkins University 1909 and Ph.D. 1913. Fellow, Johns Hopkins University, 1910-12; Associate in English, Bryn Mawr College, 1914-16, Associate Professor, 1916-20 and Professor, 1920—.

SUSAN MYRA KINGSBURY, PH.D., *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research.*

A.B. College of the Pacific 1890; M.A. Leland Stanford Jr. University 1899; Ph.D. Columbia University 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Department, Simmons College, 1906-07; Assistant, Associate and Professor in Economics, Simmons College and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15; Carola Woerishoffer Professor of Social Economy and Social Research, Bryn Mawr College, 1915—.

GEORGIANA GODDARD KING, M.A., *Professor of the History of Art and Holder of a Special Grant.*

A.B. Bryn Mawr College 1896 and M.A. 1897. Fellow in Philosophy, Bryn Mawr College, 1896-97 and Fellow in English, 1897-98; Studied at Collège de France, Semester I, 1898-99; Reader in English, Bryn Mawr College, 1906-10, Reader in English and Lecturer in Art, 1910-11, Lecturer in History of Art and Comparative Literature, 1911-15, Associate Professor of History of Art, 1915-16 and Professor, 1916—.

RHYS CARPENTER, PH.D., *Professor of Classical Archaeology and Greek and Holder of a Julius and Sarah Goldman Grant.*

A.B. Columbia University 1911 and Ph.D. 1916; B.A. University of Oxford 1911 and M.A. 1914. Rhodes Scholar, Balliol College, Oxford, 1908-11; Drisler Fellow in Classics, Columbia University, 1911-13; Student, American School of Classical Studies at Athens, 1912-13. Lecturer in Classical Archaeology, Bryn Mawr College, 1913-15, Associate Professor, 1915-18 (absent for military service, 1917-19) and Professor, 1918—. Attached to American Commission to Negotiate Peace at Paris, 1918-19. (On leave of absence to fill the post of Annual Professor at the American Academy in Rome, 1926-27 and Director of the American School of Classical Studies at Athens, 1927-32.)

CHARLES GHEQUIERE FENWICK, PH.D., *Professor of Political Science.*

A.B. Loyola College 1907; Ph.D. Johns Hopkins University 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, Summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14; Lecturer in Political Science, Bryn Mawr College, 1914-15, Associate Professor, 1915-18 and Professor, 1918—.

HOWARD LEVI GRAY, PH.D., *Marjorie Walter Goodhart Professor of History and Holder of the Marjorie Walter Goodhart Grant.*

A.B. University of Rochester 1897; A.B. Harvard University 1898, M.A. 1900 and Ph.D. 1907. Instructor in History, Harvard University, 1900-13 and Assistant Professor, 1914-15; Professor of History, Bryn Mawr College, 1915— (absent for government service, 1918-19).

JAMES LLEWELLYN CRENSHAW, PH.D., *Professor of Physical Chemistry.*

A.B. Centre College 1907 and M.A. 1908; Ph.D. Princeton University 1911. Assistant Chemist in the Geophysical Laboratory of the Carnegie Institution, Washington, D. C., 1910-15; Associate in Physical Chemistry, Bryn Mawr College, 1915-18, Associate Professor, 1918-25 (absent for military service, 1917-19) and Professor, 1925—.

SAMUEL ARTHUR KING, M.A., *Non-resident Lecturer in English Diction.*

M.A. University of London 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902; Non-resident Lecturer in English Diction, Bryn Mawr College, 1902—.

ANNA PELL-WHEELER, PH.D., Sc.D., *Professor of Mathematics.*

A.B. University of South Dakota 1903; M.S. University of Iowa 1904; M.A. Radcliffe College 1905; Ph.D. University of Chicago 1910. Instructor in Mathematics, Mount Holyoke College, 1911-14 and Associate Professor of Mathematics, 1914-18; Associate Professor of Mathematics, Bryn Mawr College, 1918-25, Professor, 1925-27, Non-resident Lecturer, 1928-30 and Semester II, 1930-31 and Professor, 1931—.

CHARLES WENDELL DAVID, PH.D., *Professor of European History.*

A.B. University of Oxford 1911; M.A. University of Wisconsin 1912; Ph.D. Harvard University 1918. Rhodes Scholar, University of Oxford, 1908-11. Instructor in History, University of Washington, 1915-18; Associate Professor of European History, Bryn Mawr College, 1918-27 and Professor, 1927—.

MARY HAMILTON SWINDLER, PH.D., *Professor of Classical Archaeology.*

A.B. University of Indiana 1905 and M.A. 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Greek, Bryn Mawr College, 1906-07 and Fellow in Greek, 1907-09; Mary E. Garrett European Fellow and Student, University of Berlin and the American School of Classical Studies in Athens, 1909-10; Acting Dean of Women, University of Indiana, summers, 1911, 1913; Reader in Latin and Demonstrator in Art and Archaeology, Bryn Mawr College, 1912-16, Instructor in Latin and Classical Archaeology, 1916-21, Associate, 1921-25, Associate Professor, 1925-31 and Professor, 1931—. Editor-in-Chief, American Journal of Archaeology, 1932—.

HORACE ALWYNE, F.R.M.C.M., *Professor of Music and Director of the Department of Music.*

Holder of Sir Charles Hallé Memorial Scholarship, 1909-12, Gold Medallist and graduate (with distinction) of Royal Manchester College of Music, England, 1912. Honorary Fellow, Royal Manchester College of Music, 1924. Director of Music, Manchester Grammar School, 1911-12; Head of Piano Department, Skidmore School of Arts, Saratoga Springs, N. Y., 1914-21; Student of Professor Max Mayer (England) and Professor Michael von Zadora (Berlin); Associate Professor of Music, Bryn Mawr College, 1921-27 and Professor, 1927—.

ROGER HEWES WELLS, PH.D., *Associate Professor and Professor-elect of Economics and Politics.*

A.B. Northwestern University 1916; M.A. Harvard University 1921 and Ph.D. 1923. Teacher in the High School, Quincy, Illinois, 1916-17; On military service, 1917-19; Assistant in Government, Harvard University, 1920-22; Austin Teaching Fellow in Government, Harvard University, 1922-23; Assistant in Government, Radcliffe College, 1922-23; Associate in Economics and Politics, Bryn Mawr College, 1923-27; Associate Professor, 1927-33 and Professor-elect, 1933. Guggenheim Fellow in Germany, 1927-28.

JOSEPH E. GILLET, PH.D., *Professor of Spanish.*

Ph.D. University of Liège 1910. Assistant Lecturer in French, University of Edinburgh, 1910-11; Student in the Universities of Paris, Leyden, Munich and Berlin, 1911-13; Instructor in German, University of Wisconsin, 1913-15; Associate in Comparative Literature and Romance Languages, University of Illinois, 1915-18; Absent for military service, 1918-19; Student in Spain, 1919-20; Assistant Professor of Romance Languages, University of Minnesota, 1921-24; Associate Professor of Spanish, Bryn Mawr College, 1924-29 and Professor, 1929—; Visiting Professor, Princeton University, Semester I, 1928-29 and 1929-30.

HORNELL HART, PH.D., *Professor of Social Economy.*

A.B. Oberlin College 1910; M.A. University of Wisconsin 1914; Ph.D. University of Iowa 1921. Graduate Student and Assistant in Sociology, University of Wisconsin, 1912-13; Civic Secretary, Milwaukee City Club, 1913-17; Associate, Cincinnati Social Unit, 1917-18; Graduate Student and Research Assistant, University of Iowa, 1919-21;

Research Associate Professor in Sociology in the University of Iowa and Head of the Sociological Division of the Iowa Child Welfare Research Station, 1921-24; Associate Professor of Social Economy and Social Research, Bryn Mawr College, 1924-30 and Professor, 1930-33.

AGNES LOW ROGERS,* Ph.D., *Professor of Education and Psychology.*

M.A. St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D. Columbia University 1917. Marion Kennedy Student and Research Scholar, Columbia University, 1914-15, Research Fellow, 1915-16 and Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25; Professor of Education and Psychology, Bryn Mawr College, 1925—.

MAX DIEZ, Ph.D., *Associate Professor of German Literature.*

A.B. Washington University 1909 and M.A. 1910; Ph.D. University of Texas 1916. Fellow in German, Washington University, 1909-10; Assistant in German, University of Wisconsin, 1910-11; Instructor in German, Washington University, 1911-15; Assistant Professor of German, University of Texas, 1915-18; War service, 1918-19; Professor of German, Centre College, 1921-25; Associate in German, Bryn Mawr College, 1925-27 and Associate Professor, 1927—.

HENRY JOEL CADBURY,* Ph.D., *Professor of Biblical Literature and Holder of the Rufus M. Jones Grant.*

A.B. Haverford College 1903; M.A. Harvard University 1904 and Ph.D. 1914. Master in Westtown School, 1905-08; Instructor, Assistant Professor and Associate Professor in Biblical Literature, Haverford College, 1910-19; Instructor in Greek, 1910-11; Associate Professor of Greek, 1918-19; Lecturer and Assistant Professor of New Testament Interpretation, Andover Theological Seminary, 1919-26; Lecturer on the Old Testament, Episcopal Theological School, Cambridge, 1924-26; Assistant Professor of New Testament Interpretation, Harvard University, 1922-26; Professor of Biblical Literature, Bryn Mawr College, 1926—.

LILY ROSS TAYLOR, Ph.D., *Professor of Latin.*

A.B. University of Wisconsin 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Latin, Bryn Mawr College, 1906-07, Fellow 1907-08 and Reader 1908-09 and Reader and Demonstrator in Archaeology, 1910-12; Instructor in Latin, Vassar College, 1912-19; Fellow of the American Academy in Rome, 1917-18, 1919-20; Assistant Professor of Latin, Vassar College, 1919-22, Associate Professor, 1922-25 and Professor, 1925-27. Professor of Latin, Bryn Mawr College, 1927—.

GRACE FRANK, A.B., *Non-resident Associate Professor and Non-resident Professor-elect of Old French Philology.*

A.B. University of Chicago 1907. Graduate Student, Bryn Mawr College, 1908-10, 1913-16; Universities of Göttingen and Berlin, 1911; University of Pennsylvania, 1918-19; Lecturer in Romance Philology, Bryn Mawr College, 1926-27, non-resident Associate Professor of Old French Philology, 1927-33 and non-resident Professor-elect, 1933.

MARGARET GILMAN, † Ph.D., *Associate Professor of French.*

A.B. Bryn Mawr College 1919, M.A. 1920 and Ph.D. 1924. Graduate Scholar in French, 1919-20 and Fellow in French, 1920-22; Fellow, Ecole Normale Supérieure de Sèvres and Student, University of Paris, 1922-23; Instructor in French, Bryn Mawr College, 1923-26, Associate, 1926-30 and Associate Professor, 1930—.

ILSE FOREST, Ph.D., *Associate Professor of Education.*

B.S. Teachers College, Columbia University, 1922; M.A. 1923; Ph.D. Columbia University 1927. Teacher and Critic, Kindergarten and Elementary Grades, 1915-23; Demonstration Teacher, State Normal School, New Paltz, New York, 1923-24; Laura Spelman Rockefeller Fellow, Columbia University, 1925-26; Professor of Child Psychology, Iowa State Teachers College, 1926-27; Associate in Education, Bryn Mawr College, 1927-28 and Associate Professor, 1928—.

STEPHEN JOSEPH HERBEN, JR., Ph.D., *Associate Professor of English Philology.*

B.Litt. Rutgers University 1920; M.A. Princeton University 1921 and Ph.D. 1924. Graduate Student, Columbia University, summer, 1922; Fellow of the American Scandinavian Foundation, University of Copenhagen, 1922-23; Special Coach in Old English, Oxford University, 1923-24. Contributing consultant for C. and G. Merriam and Company, 1926-27. Instructor in English, Princeton University, 1924-28. Associate Professor of English Philology, Bryn Mawr College, 1928—.

* On leave of absence for the year 1932-33.

† Granted leave of absence for Semester II of the year 1933-34.

FRITZ MEZGER, PH.D., Associate Professor of Germanic Philology.

Ph.D. University of Berlin 1921. Studied at the University of Tübingen, 1911-12, University of Munich, 1912-13, University of Geneva, 1913, University of Paris, 1913-14, University of Munich, 1919, University of Berlin, 1920-22. Instructor in German, Harvard University, 1927-28; Associate Professor of Germanic Philology, Bryn Mawr College, 1928—.

THOMAS ROBERT SHANNON BROUGHTON, PH.D., Associate Professor of Latin.

B.A. University of Toronto 1921 and M.A. 1922; Ph.D. Johns Hopkins University 1928. Student, University of Chicago, spring 1922 and 1923 and summer 1925. Rogers Fellow, Johns Hopkins University, 1925-26 and 1927-28; Instructor in Greek, Amherst College, 1926-27; Associate in Latin, Bryn Mawr College, 1928-30 and Associate Professor, 1930—.

JEAN M. F. CANU, Agrégé de l'Université, Associate Professor of French.

Licencié-ès-lettres, 1917 and *Agrégé de l'Université*, University of Paris, 1920. Professor, Lycée of Alger, 1920-21, Lycée of Beauvais, 1921-23, Lycée of Bordeaux, 1923-26; Laura Spelman Rockefeller Memorial Fellow, 1926-28; Associate Professor of French, Bryn Mawr College, 1928—.

HARRY HELSON, PH.D., Associate Professor and Professor-elect of Experimental Psychology.

A.B. Bowdoin College 1921; M.A. Harvard University 1922 and Ph.D. 1924. Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28; Associate Professor of Experimental Psychology, Bryn Mawr College, 1928-33 and Professor-elect, 1933.

ERNEST WILLOUGHBY, A.R.C.M., Associate in Music.

A.R.C.M. London 1922. Organist and Choir Master, Ross Parish Church, 1913-15. Suborganist and Choir Director, Hereford Cathedral, Music Master, Hereford Cathedral School, England; Assistant Director, Hereford Choral Society and Hereford Orchestral Society and Hereford Musical Festival, 1918-22. Instructor in Music, Bryn Mawr College, 1923-29 and Associate, 1929—.

MARGUERITE LEHR, PH.D., Associate in Mathematics.

A.B. Goucher College 1919; Ph.D. Bryn Mawr College 1925. Reader and Graduate Student in Mathematics, Bryn Mawr College, 1919-21, President's European Fellow and Fellow in Mathematics, 1921-22, Fellow by Courtesy and Graduate Scholar in Mathematics, 1922-23; American Association of University Women Fellow and Student, University of Rome, 1923-24; Instructor in Mathematics, Bryn Mawr College, 1924-29 and Associate, 1929—.

MARY SUMMERFIELD GARDINER, PH.D., Associate Professor of Biology.

A.B. Bryn Mawr College 1918, M.A. 1924 and Ph.D. 1927. Information Secretary, Y. W. C. A. Hostess House, Camp Mills, L. I., 1918-19; Secretary and Social Worker, Henry Street Settlement, New York City, 1920-21; Warden of Denbigh Hall, Bryn Mawr College, 1921-24 and of Pembroke Hall West, 1925-27. Graduate Student, Bryn Mawr College, 1922-24 and 1925-27 and University Student, London, 1924-25; Instructor in Biology, Bryn Mawr College, 1927-29 and Assistant to the Dean, Semester II, 1928-29, Associate in Biology and Assistant to the Dean, 1929-30, Associate in Biology, 1930-31 and Associate Professor, 1931—.

ENID GLEN, PH.D., Associate in English.

A.B. University of Manchester 1923; University Teachers' Diploma 1924 and Ph.D. 1926. Graduate Scholar in English, University of Manchester, 1923-24 and John Bright Fellow in English Literature, 1925-26; Frances Riggs Fellow, University of Michigan, 1926-27. Instructor in English, Vassar College, 1927-28; Staff Tutor in Literature, Loughborough College (University of Nottingham), 1928-29; Associate in English, Bryn Mawr College, 1929—.

MADELEINE SOUBEIRAN,* Agrégée de l'Université, Associate in French.

École Normale Supérieure de Sèvres 1924-27. *Agrégée de l'Université*, University of Paris, 1927. Teacher in Lycée, Aix-en-Provence, 1927-29; Associate in French, Bryn Mawr College, 1929—.

EDWARD STAUFFER KING, M.F.A., Associate in the History of Art.

A.B. Princeton University 1923 and M.F.A. 1928. Graduate Student, Harvard University, 1923-24. Lecturer in the History of Art, Bryn Mawr College, Semester II, 1924-25 and Instructor, 1925-26. Graduate Student, Princeton University, 1926-27 and Instructor in the History of Art, Princeton University, 1927-28. Holder of a Marquand Fellowship in Medieval Archaeology and student in France, 1928-29; Lecturer in the History of Art, Bryn Mawr College, Semester II, 1929-30 and Associate, 1930-33.

* Granted leave of absence for Semester I of the year 1933-34.

CAROLINE ROBBINS, PH.D., Associate in History.

A.B. University of London 1924 and Ph.D. 1926. Christie Research Fellow in History at Royal Holloway College and the Institute of Historical Research, London, 1924-26; Riggs Fellow at the University of Michigan, 1926-27; Instructor in History, College for Women, Western Reserve University, 1927-28; Instructor in History, Bryn Mawr College, Semester II, 1928-29 and 1929-30 and Associate, 1930—.

GUSTAV A. HEDLUND,* PH.D., Associate in Mathematics.

A.B. Harvard University 1925 and Ph.D. 1930; M.A. Columbia University 1927. Instructor in Mathematics, Hunter College, 1925-27; Part-time Instructor in Mathematics and Graduate Student, Harvard University, 1927-30; Instructor in Mathematics, Radcliffe College, 1928-30; Associate in Mathematics, Bryn Mawr College, 1930—.

ANGELINE HELEN LOGRASSO, PH.D., Associate Professor of Italian.

A.B. University of Rochester 1917 and M.A. 1918; Ph.D. Radcliffe College, 1927. Graduate Student in Romance Languages, Columbia University, summers 1919, 1920 and 1923. Graduate Student in History, Harvard University, summer, 1921. Rebecca Greene Fellow, Radcliffe College, 1925-26 and 1926-27; Augustus Anson Whitney Travelling Fellow in England, France and Italy, 1927-28; Instructor in Romance Languages, University of Rochester and the East High School, Rochester, 1917-25; Assistant Professor of French and Italian, University of Rochester, 1928-30; Associate Professor of Italian, Bryn Mawr College, 1930—.

EDWARD WATSON, PH.D., Associate and Associate Professor-elect of Geology.

A.B. Johns Hopkins University 1925 and Ph.D. 1929. Instructor in Geology, Johns Hopkins University, 1928-30; Associate in Geology, Bryn Mawr College, 1930-33 and Associate Professor-elect, 1933.

NELSON KELLOGG RICHTMYER, PH.D., Associate in Chemistry.

A.B. Harvard University 1923, M.A. 1925 and Ph.D. 1927. Research Assistant in Chemistry, Harvard University, 1927-28 and 1929-30; Research Student, University of Heidelberg, 1928-29; Associate in Chemistry, Bryn Mawr College, 1930—.

MILDRED FAIRCILD, PH.D., Associate in Social Economy.

A.B. Oberlin College 1916 and M.A. 1925; Ph.D. Bryn Mawr College 1929. On Staff of Fisk University, 1916-18; War Camp Community Service, 1918-20; Playground and Recreation Association of America, 1920-22; Oberlin College Campaign Field Organizer, 1923. Fellow in Social Economy and Social Research, Bryn Mawr College, 1925-27; Research Assistant in Social Economy and Graduate Student, Bryn Mawr College, 1927-28. Gamma Phi Beta Fellow of the American Association of University Women and Student, London School of Economics, 1928-29. Traveller in Russia and Research Worker on the Condition of Women in Industry under the auspices of the Society for the Advancement of Cultural Relations with Russia 1929-30; Associate in Social Economy and Social Research, Bryn Mawr College, 1930—.

A. LINCOLN DRYDEN, JR., PH.D., Associate in Geology.

A.B. Johns Hopkins University 1925 and Ph.D. 1930. Geologist with the Maryland Geological Survey, summers 1927, 1929; Assistant Geologist with the Sinclair Exploration Company in Venezuela, 1928; Associate in Geology, Bryn Mawr College, 1930—.

MILTON CHARLES NAHM, B.LITT., PH.D., Associate in Philosophy.

A.B. University of Pennsylvania 1925 and M.A. 1926; B.A. Oxford University 1928 and B.Litt. 1929; Ph.D. University of Pennsylvania 1932. Rhodes Scholar, 1926-29. Instructor in Philosophy, University of Pennsylvania, 1929-30; Lecturer in Philosophy, Bryn Mawr College, 1930-31 and Associate, 1931—.

VALENTIN MÜLLER, PH.D., Associate Professor of Archaeology.

Ph.D. University of Berlin 1915. Student at the University of Goettingen, 1908, at Munich, 1909, at Bonn, 1910-12 and at Berlin, 1913-15. Assistant at the Archaeological Seminary of the University of Berlin, 1919-21; Fellow Traveller of the German Archaeological Institute at Rome, 1921-23; Privatdozent, University of Berlin, 1923-29; Extraordinary Professor, University of Berlin, 1929-31. Associate Professor of Archaeology, Bryn Mawr College, Semester II, 1931-32, 1932—.

JANE MARY DEWEY, PH.D., Associate and Associate Professor-elect of Physics.

A.B. Barnard College 1922; Ph.D. Massachusetts Institute of Technology 1925. Barnard College International Fellow, University Institute of Theoretical Physics, Copenhagen, 1925-26; Rask-Orsted Foundation Fellow, Copenhagen, 1926-27; National Research Council Fellow, Princeton University, 1927-29; Research Fellow, University of Rochester, 1929-31; Associate in Physics, Bryn Mawr College, 1931-33 and Associate Professor-elect, 1933.

PAUL WEISS, PH.D., Associate and Associate Professor-elect of Philosophy.

B.S.S. College of the City of New York 1927; M.A. Harvard University 1928 and Ph.D. 1929. University Scholar, Harvard University, 1927-28; Sears Scholar in Philosophy, 1928-29; Sears Traveling Scholar in Philosophy at Freiburg, Germany and the Sorbonne,

*Granted leave of absence for the year 1933-34.

- 1929-30; Instructor and Tutor in Philosophy, Harvard University and Instructor, Radcliffe College, 1930-31; Associate in Philosophy, Bryn Mawr College, 1931-33 and Associate Professor-elect, 1933.
- ERNEST WESLEY BLANCHARD, PH.D.,** *Associate and Associate Professor-elect of Biology.*
Ph.B. Brown University 1927; M.S. State University of Iowa 1929; Ph.D. Princeton University 1930. Graduate Assistant in Zoölogy, State University of Iowa, 1927-29; Instructor, summer session, Iowa University, 1929; Research Assistant, Princeton University, 1929-30; Assistant Professor of Zoölogy, University of Maryland, 1930-31; Associate in Biology, Bryn Mawr College, 1931-33 and Associate Professor-elect, 1933—.
- WILLIAM WELCH FLEXNER, PH.D.,** *Associate in Mathematics.*
B.S. Harvard University 1926; M.A. Princeton University 1927 and Ph.D. 1930. Fellow in Mathematics, Princeton University, 1927-28, Proctor Fellow, 1928-29, Research Associate, 1929-30 and Instructor, 1930-31. Lecturer in Mathematics, Bryn Mawr College, 1931-32 and Associate, 1932—.
- MYRA RICHARDS JESSEN, PH.D.,** *Associate in German.*
A.B. Bryn Mawr College 1915 and Ph.D. 1932. Graduate Student, Bryn Mawr College, 1919-20, 1922-24 and 1926-28. Teacher, Friends Central School, Philadelphia, 1920-21; Baldwin School, Bryn Mawr, 1921-24; Instructor in German, Bryn Mawr College, 1923-28 and 1929-32; Anna Ottendorfer Memorial Research Fellow, 1928-29; Associate in German, Bryn Mawr College, 1932—.
- WALTER C. MICHELS, PH.D.,** *Associate in Physics.*
E.E. Rensselaer Polytechnic Institute, 1927; Ph.D. California Institute of Technology 1930. Teaching Assistant in Physics, California Institute of Technology, 1927-29 and Teaching Fellow, 1929-30; National Research Fellow in Physics, Princeton University, 1930-32. Associate in Physics, Bryn Mawr College, 1932—.
- LELAH MAE CRABBS, PH.D.,** *Lecturer in Education.*
B.S. Columbia University 1917, M.A. 1922 and Ph.D. 1925. Assistant Principal, Harvard Demonstration Primary School, Milton, Mass., 1914-16; Principal, Elementary Department, Mary C. Wheeler Town and Country School, Providence, R. I., 1916-20; Associate, Elementary Education, Measurements and Research, Teachers College, Columbia University, 1922-23; Supervisor psychology and educational measurements, Rutherford, N. J., 1922-24; Lecturer, Elementary Education, 1923-25; Psychologist and Psychological Research Worker, Merrill-Palmer Home Training School, Detroit, Mich., 1925-28; Research Associate in Psychology and Assistant Professor in Education, Teachers College, Columbia University, 1928-30. Lecturer in Education, Bryn Mawr College, 1932-33.
- ERNST DIEZ, PH.D.,** *Associate Professor-elect of the History of Art.*
Ph.D., University of Graz, Styria, 1902. Assistant in the Department of Mohammedan Art, Kaiser Friedrich Museum, Berlin, 1908-11; Assistant in the Department of History of Art, Vienna University, 1911-18; Privat dozent, 1919 and Associate Professor, 1924-26. Associate Professor of History of Art, Bryn Mawr College, 1926-30 and Associate Professor-elect, 1933. Acting Professor of History of Art, Western Reserve University, 1930-32.
- CLARA MARBURG KIRK, PH.D.,** *Associate Professor-elect of English Composition on the Margaret Kingsland Haskell Foundation.*
A.B. Vassar College 1920; M.A. University of Pennsylvania 1921; Ph.D. University of Chicago, 1929. Holder of Vassar College Fellowship 1920-21, of Committee on Belgian Relief Fellowship, 1921-23, of the Mary Richardson and Lydia Pratt Babbitt Fellowship of Vassar College, 1926-27; Graduate Fellow at the University of Chicago 1927-28. Instructor in English, Vassar College, 1923-26 and Assistant Professor, 1928-33. Associate Professor-elect of English Composition, Bryn Mawr College, 1933.
- DONALD WALLACE MACKINNON, PH.D.,** *Associate-elect in Psychology.*
A.B. Bowdoin College 1925; M.A. Harvard University 1926 and Ph.D. 1933. Instructor in Psychology, University of Maine, 1927-28; Instructor in Abnormal and Dynamic Psychology, Harvard University, 1928-30; Frederick Sheldon Travelling Fellow of Harvard University at the University of Berlin, 1930-31; Instructor in Abnormal and Dynamic Psychology and Tutor in the Division of Philosophy, Harvard University and Radcliffe College, 1931-33. Associate-elect in Psychology, Bryn Mawr College, 1933.
- CORNELIA LYNDE MEIGS, A.B.,** *Instructor and Associate-elect in English.*
A.B. Bryn Mawr College, 1908. Principal of a Private School, Keokuk, Iowa, 1908-10. Teacher of English, St. Katharine's School, Davenport, Iowa, 1912-13. Writer of Stories for Children for the MacMillan Company, New York, 1913—, for Little Brown and Company, Boston, 1927—. Instructor in English, Bryn Mawr College, 1932-33 and Associate-elect, 1933.

DOROTHY WYCKOFF, PH.D., *Instructor and Associate-elect in Geology.*

A.B. Bryn Mawr College 1921; M.A. 1928 and Ph.D. 1932. Graduate Scholar in Geology, Bryn Mawr College, 1921-22 and Graduate Student, 1922-23 and 1925-26; Teacher in the Misses Kirk's School, Bryn Mawr, 1922-25; Demonstrator in Geology and Graduate Student, Bryn Mawr College, 1925-28; Fanny Bullock Workman Fellow, studying at the Kongelige Frederiks Universitet, Oslo, Norway, 1928-29 and Fellow of the American Scandinavian Foundation, Oslo, 1929-30; Fellow in Geology, Bryn Mawr College, 1930-31, Demonstrator, 1931-32, Instructor, 1932-33 and Associate-elect, 1933.

HERBERT ADOLPHUS MILLER, PH.D., *Lecturer-elect in Social Economy.*

A.B. Dartmouth College 1899 and M.A. 1902; Ph.D. Harvard University 1905; studied University of Chicago 1911. Assistant Professor of Philosophy and Sociology, Olivet College, 1905-07, Professor 1907-14; Professor of Sociology, Oberlin College, 1914-25; Professor of Sociology, Ohio State University, 1924-31; University of California summer 1922; Lecturer, Yenching University, Peiping, China and Universities of China, India and Syria 1929-30. Lecturer-elect in Social Economy, Bryn Mawr College, 1933.

ADRIENNE CAROLINE GOBERT,*Licenciée-ès-lettres, Docteur en droit, Lecturer-elect in French.*

Licenciée-es-lettres University of Poitiers 1915; *Licenciée-en-droit* University of Paris 1919 and *Docteur en droit* 1925. Teacher in secondary schools in England, France and Turkey, 1916-22; Sous-directrice et Professeur au Lycée de Jeunes Filles, Cairo, Egypt, 1925-27; Professeur de Français à l'École Secondaire de Jeunes Filles Egyptienne de Choubrah, Cairo, 1927-29; Lectrice à la Faculté des Lettres, Cairo, 1929-31; Instructor in French, Hunter College, 1931-33. Lecturer-elect in French, Bryn Mawr College, 1933.

LOUISE ADAMS HOLLAND, PH.D., *Lecturer in Latin, Semester II.*

A.B. Barnard College 1914 and M.A. 1915; Ph.D. Bryn Mawr College 1920. Instructor in Latin, Smith College, 1918-21 and Assistant Professor of Latin, 1921-23, with leave of absence as Fellow at the American Academy in Rome, 1922-23; Assistant Professor of Latin, Vassar College, 1925-27. Lecturer in Latin, Bryn Mawr College, 1928-30 and Semester II, 1931-32 and Semester II, 1932-33.

EDWARD M. M. WARBURG, A.B., *Lecturer in History of Art, Semester II.*

A.B. Harvard University 1930. Studying abroad, 1930-31. Lecturer in History of Art, Bryn Mawr College, 1931-32 and Semester II, 1932-33.

ELEANOR LANSING DULES, PH.D., *Non-resident Lecturer in Economics.*

A.B. Bryn Mawr College 1917 and M.A. 1920; Ph.D. Radcliffe College 1926. Relief Worker in Paris 1917-18; Reconstruction Worker, American Friends Service Committee in France, 1918-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Employment Manager, S. Gembly, Long Island City, 1920-21; Graduate Student, London School of Economics, 1921-22 and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1926-27; Instructor in Economics, Simmons College, 1927-28. Associate in Social Economy and Social Research, Bryn Mawr College, 1928-30. Lecturer in Economics, Semester II, 1931-32 and non-resident Lecturer in Economics, 1932-33.

ALMENA DAWLEY, M.A., *Non-resident Lecturer in Social Economy.*

A.B. Oberlin College 1912; M.A. University of Chicago 1915. Statistical Worker, Metropolitan Life Insurance Company, New York, 1912-13; Sociologist, Laboratory of Social Hygiene, Bedford Hills, New York, 1915-18; Assistant to the Director, in charge of Research, Interdepartmental Social Hygiene Board, Washington, D. C., 1918-19; Director, Department of Research and Investigation, Women's Cooperative Alliance, Minneapolis, 1919-20; Director of Investigation, Committee to Study Visiting Nursing, 1922-23; Supervisor, Department of Social Investigation, Pennsylvania School of Social and Health Work, 1920-25; Chief Social Worker, Philadelphia Child Guidance Clinic, 1925—. Non-resident Lecturer in Social Economy, Bryn Mawr College, 1928—.

MINOR WHITE LATHAM, PH.D., *Non-resident Lecturer in English.*

A.B. Mississippi State College for Women 1901; M.A. Columbia University 1912 and Ph.D. 1930. Graduate Student, Bryn Mawr College, 1902-04; Graduate Student, University of Mississippi, 1907-08; Graduate Student, Columbia University, 1911-15. Instructor in English, Mississippi State College for Women, 1908-10 and Head of the English Department, 1910-11. Lecturer in English, Barnard College, Columbia University, 1914-15, Instructor 1915-29; Instructor in Playwriting, Columbia University, 1918-29 and summers, 1918-22, 1924. 1926-28; Assistant Professor in English, Barnard College, Columbia University, 1929—. Non-resident Lecturer in English, Bryn Mawr College, 1932—.

KATHARINE HAZELTINE PATON, A.B., B.D., *Lecturer in Biblical Literature*. A.B. Wellesley College 1908; B.D. Hartford Theological Seminary 1922. Assistant Professor of Biblical Literature, Mount Holyoke College 1922-24; Assistant Professor of Biblical Literature, Vassar College, 1924-25; substitute instructor, Hartford Theological Seminary, 1930-31 and Assistant Professor of Old Testament History and Criticism, 1931-32. Lecturer in Biblical Literature, Bryn Mawr College, 1932-33.

HOWARD HAWKS MITCHELL, Ph.D., *Non-resident Lecturer-elect in Mathematics*.

Ph.B. Marietta College 1906; Ph.D. Princeton University 1910. Fellow in Mathematics, Princeton University, 1908-10; Instructor in Mathematics, Yale University, 1910-11; Instructor in Mathematics, University of Pennsylvania, 1911-14, Assistant Professor 1914-21 and Professor 1921—. Non-resident Lecturer-elect in Mathematics, Bryn Mawr College, 1933.

SUE AVIS BLAKE, M.A., *Instructor in Physics*.

A.B. Bryn Mawr College 1898 and M.A. 1900. Demonstrator and Graduate Student in Physics, Bryn Mawr College, 1898-99 and 1904-06 and Fellow in Physics, 1906-07; Graduate Student, Bryn Mawr College and Teacher of Mathematics and Science in the Shipley School, Bryn Mawr, 1899-1900; Assistant in Physics, Smith College, 1900-02, 1903-04; Fellow in Physics, University of Pennsylvania, 1907-08; Instructor in Physics, Smith College, 1910-15. Demonstrator in Physics, Bryn Mawr College, 1915-18 and Instructor, 1918-33.

EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry*.

A.B. Radcliffe College 1914; M.A. University of California 1915. Graduate Student, University of California, 1914-15; Demonstrator in Chemistry, Bryn Mawr College, 1915-18 and Instructor, 1918-19 and 1922—.

MARTHA MEYENBURG DIEZ, M.A., *Instructor in German*.

A.B. University of Texas 1918; M.A. Bryn Mawr College 1928. Instructor in German, Bryn Mawr College, 1925—.

HORTENSE FLEXNER KING, M.A., *Instructor in English*.

A.B. University of Michigan 1907 and M.A. 1910. Instructor in English, Bryn Mawr College, 1926-27, Semester II, 1927-28 and 1928—.

MARGARET DENT DAUDON, M.A., *Instructor in French*.

A.B. Bryn Mawr College 1920 and M.A. 1933. Teacher of French, the Thorne School, Bryn Mawr, 1928-31; Part-time Instructor in French, Bryn Mawr College, 1927—.

RUTH FAIRMAN, M.A., *Instructor in Greek and Latin*.

A.B. Mount Holyoke College 1927; M.A. Bryn Mawr College 1928. Scholar in Latin, Bryn Mawr College, 1927-28, Fellow in Latin, 1928-29 and Helene and Cecil Rubel Fellow (studying abroad), 1929-30. Instructor in Latin, Bryn Mawr College, 1930-31 and Instructor in Greek and Latin, 1931—.

MARY KATHARINE WOODWORTH, M.A., *Instructor in English*.

A.B. Bryn Mawr College 1924, M.A. 1927 and Ph.D. to be conferred, 1933. Teacher of English, the Thorne School, Bryn Mawr, 1925-29. Studying abroad, 1929-30; Instructor in English, Bryn Mawr College, 1930—.

ELIZABETH H. NORTON POTTER, M.A., *Instructor in the History of Art*.

A.B. Bryn Mawr College 1927; M.A. Radcliffe College 1929. Instructor in History of Art, Bryn Mawr College, 1930—.

BERTHE-MARIE MARTI, M.A., *Instructor in Latin and French*.

Licenciée-es-lettres University of Lausanne 1925; M.A. Bryn Mawr College 1926. Swiss Scholar in Latin and English, Bryn Mawr College, 1925-26 and 1929-30. Teacher of French, the Thorne School, Bryn Mawr and Graduate Student, Bryn Mawr College, 1926-28; Instructor in Latin, Bryn Mawr College, 1929-31 and Instructor in Latin and French, 1931—.

ELSIE POKRANTZ, M.A., *Instructor in German*.

A.B. Coe College 1918; M.A. University of Nebraska 1924. Teacher, Iowa High Schools, 1918-22; Instructor in German and French and Graduate Student, University of Nebraska, 1922-24; Head of Modern Languages Department, McPherson College, McPherson, Kansas, 1924-26; Instructor in German and Graduate Student, University of Nebraska, 1926-29; Graduate Student, University of Chicago, 1929-30. Instructor in German, Bryn Mawr College, 1930-33.

J. GORDON CARLSON, A.B., *Instructor in Biology*.

A.B. University of Pennsylvania 1930. Demonstrator in Biology, Bryn Mawr College Semester II, 1929-30 and 1930-31 and Instructor, 1931—.

- E. LOUISE HAMILTON, Ph.D., *Assistant Director of the Educational Clinic and Instructor in Education.*
 B.S. Connecticut College for Women 1925; M.A. Columbia University 1926 and Ph.D. 1928. Graduate Student, Columbia University, 1925-28; Assistant in Psychology, Columbia University, 1926-27; Clinical Psychologist, New York Post-Graduate Hospital, 1927-28; Assistant Director of the Educational Clinic, Bryn Mawr College, 1928-33; Demonstrator in Education, 1930-31 and Instructor 1931—.
- WILLIAM DONALD TURNER, Ph.D., *Instructor in Psychology.*
 A.B. University of Illinois 1926; M.A. Harvard University 1928 and Ph.D. 1929. Instructor in Psychology, Tufts College, 1928-29; Social Science Research Council Fellow, Vienna, 1929-30; Instructor in Psychology, Kansas State College, 1930-31. Instructor in Psychology, Bryn Mawr College, 1931—.
- IRMGARD W. TAYLOR, M.A., *Instructor in German.*
 M.A. University of Pennsylvania 1930. Student, University of Tubingen. Teacher of German, Rose Valley School, Pennsylvania, 1930-31. Instructor in German, Bryn Mawr College, 1931-33.
- KATHRINE KOLLER, Ph.D., *Instructor in English.*
 A.B. Wittenberg College 1924; Ph.D. Johns Hopkins University 1932. Teacher of French and English in the High Schools, Plymouth, Ohio, 1924-26 and Tiffin, Ohio, 1926-28. Instructor in English, Bryn Mawr College, 1932—.
- EMILY KATHARINE TILTON, M.A., *Instructor in Italian.*
 A.B. Wellesley College 1928; M.A. Radcliffe College 1931. Student, University of Florence, Italy, 1928-29 and Radcliffe College, 1930-32. Instructor in Italian, Bryn Mawr College, 1932—.
- RUTH MULFORD COLLINS, M.A., *Instructor in English, Semester II.*
 A.B. Mills College, 1927; M.A. University of California, 1929; M.A. Bryn Mawr College, 1930. Graduate Student, University of California, 1927-28. Apprentice Teacher, Thorne School, Bryn Mawr and Graduate Student in English and Education, Bryn Mawr College, 1928-29; Fellow in English, Bryn Mawr College, 1929-30 and Instructor, 1930-31. Helene and Cecil Rubel Foundation Fellow studying in London, 1931-32. Warden of Rockefeller Hall, Bryn Mawr College, 1932-33 and Instructor in English, Semester II, 1932-33.
- FLORENCE WHYTE, Ph.D., *Instructor-elect in Spanish.*
 A. B. University of California 1915; M.A. University of Oregon 1924; Ph.D. Bryn Mawr College 1930. Professor of Modern Languages, Linfield College, 1919-20; Instructor in Spanish and Graduate Student, University of Oregon, 1920-24. Graduate Scholar in Spanish, Bryn Mawr College, 1924-25 and Fellow in Romance Languages, 1925-26; Helene and Cecil Rubel Foundation Fellow in Europe, 1926-27; Assistant Professor of Spanish, Milwaukee-Downer College, 1927-29; Professor of Modern Languages, Queens College, 1929-30; Instructor in Spanish, Mt. Holyoke College, 1931-33. Instructor-elect in Spanish, Bryn Mawr College, 1933.
- DOROTHY WALSH, M.A., *Instructor-elect in Philosophy.*
 A.B. University of British Columbia 1923; M.A. University of Toronto 1924. Graduate Student, University of Toronto, 1923-25; Fellow in Philosophy, Bryn Mawr College, 1925-26; Reader in Philosophy and Graduate Student, Bryn Mawr College, 1927-28; Instructor in Philosophy, Hood College, 1928-30 and Assistant Professor, 1930-31. Mary Elizabeth Garrett European Fellow studying at the University of Berlin, 1931-32; Fellow in Philosophy, Bryn Mawr College, 1932-33; Lecturer-elect in Philosophy, Bryn Mawr College and Warden-elect of Pembroke West, 1933.
- STELLA DUERINGER WELLS, M.A., *Instructor-elect in German.*
 A.B. Northwestern University 1915; M.A. Bryn Mawr College 1931. Teacher of German, Lawrenceville High School, Illinois, 1915-17; Graduate Student, Radcliffe College, 1922-23, University of Berlin, 1927-28 and Bryn Mawr College, 1925-27 and 1929-31. Lecturer-elect in German, Bryn Mawr College, 1933.
- MAUDE M. FRAME, A.B., *Reader in Philosophy.*
 A.B. University of Pennsylvania 1927. Reader in Philosophy, Bryn Mawr College, 1928-30, Scholar 1930-31 and Reader, 1931—.
- MOLLY ATMORE, A.B., *Reader in Music.*
 A.B. Bryn Mawr College 1932. Reader in Music, Bryn Mawr College, 1932—.
- GERTRUDE BANCROFT, A.B., *Reader in Economics and Politics.*
 A.B. Bryn Mawr College 1930. Student, University of London, 1930-31. Assistant Warden of Pembroke Hall, Bryn Mawr College, Semester I, 1932-33; Warden of Merion Hall, Semester II, 1932-33 and Reader in Economics and Politics, 1932-33.
- DOROTHEA CAROLINE SHIPLEY, M.A., *Reader-elect in History of Art.*
 A.B. Bryn Mawr College 1925 and M.A. 1929. Fellow in History of Art, Bryn Mawr College, 1929-30, Fellow by Courtesy, 1930-31 and Reader-elect, 1933.

LOUISE FROST HODGES CRENSHAW, A.B., *Demonstrator in Chemistry*.
A.B. Bryn Mawr College 1918. Warden of Pembroke East, 1922-23; Secretary of the Thorne School, Bryn Mawr, 1923-25, 1926-28 and 1929-30. Demonstrator in Chemistry, Bryn Mawr College, 1930—.

MARJORIE STARR BEST, M.A., *Demonstrator in Geology*.
A.B. Smith College 1930; M.A. Bryn Mawr College 1932. Demonstrator in Geology, Bryn Mawr College, 1930—.

BARBARA GOLDBERG, M.A., *Demonstrator in Physics*.
A.B. Hunter College 1929; M.A. Columbia University 1931. Instructor in Physics, Hunter College, 1929-February 1932 and Instructor in Mathematics February-June 1932. Demonstrator in Physics, Bryn Mawr College, 1932—.

HENRIETTA HUFF, A.B., *Demonstrator in History of Art and Classical Archaeology*.

A.B. Bryn Mawr College 1918. Demonstrator in History of Art and Classical Archaeology, Bryn Mawr College, 1932—.

GLADYS WHITE, M.A., *Demonstrator-elect in Physics*.

A.B. Duke University 1928 and M.A. 1929. Instructor in Physics, Winthrop College, 1929-31. Fellow in Physics, Bryn Mawr College, 1931-33 and Demonstrator-elect, 1933.

NETTIE HELENA COY, A.B., *Demonstrator-elect in Physics*.

A.B. University of New Brunswick 1928. Assistant in Physics, Vassar College, 1928-29 and Instructor, 1929-33. Demonstrator-elect in Physics, Bryn Mawr College, 1933.

NON-TEACHING

CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director of Publication*.

A.B. Bryn Mawr College 1905. Graduate Student, Bryn Mawr College, 1921-22, Alumnae Secretary, 1922-23 and Director of Publication, 1923—.

BARBARA GAVILLER, A.B., B.Sc., *Secretary and Registrar of the College*.

A.B. University of Toronto, 1912; B.Sc., Simmons College, 1917. Secretary to the Secretary and Registrar of Bryn Mawr College, 1917-26, Acting Secretary and Registrar of the College, 1926-27 and Secretary and Registrar, 1927—.

JULIA WARD, A.B., *Director of Scholarships and Assistant to the Dean and Director of Admissions-elect*.

A.B. Bryn Mawr College 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student, Bryn Mawr College, 1924-27 and 1928-30. Warden of East House, 1924-25, of Rockefeller Hall, 1925-27 and 1928-30. Holder of Fanny Bullock Workman European Fellowship, 1927-28; Director of Scholarships and Assistant to the Dean, Bryn Mawr College, 1930-33; Director of Admissions-elect and Assistant to the Dean, 1933.

DOROTHY MACDONALD, A.B., *Assistant to the President*.

A.B. Bryn Mawr College 1917. Secretary to the President of Bryn Mawr College 1919-26 and Assistant to the President, 1926—.

LOIS ANTOINETTE REED, A.B., B.L.S., *Librarian*.

A.B. University of Illinois 1909; B.L.S. New York State Library School 1904. Librarian, Western College, Oxford, Ohio, 1905-07; Cataloguer and Order Department Assistant, Library of the University of Illinois, 1907-10; Assistant Librarian, University of Rochester, 1910-12. Head Librarian, Bryn Mawr College, 1913—.

MARY LOUISE TERRIEN, A.B., B.S., *Circulation and Reference Librarian*.

A.B. Smith College 1905. Simmons College Library School, Boston, Mass., 1914-15. Circulation and Reference Librarian, Bryn Mawr College, 1915—.

HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer*.

A.B. Radcliffe College 1905; B.S. Simmons College Library School, 1910. Seminar Librarian, University of Illinois, 1910-12; Head Cataloguer, Bryn Mawr College Library, 1912-18. Librarian, Second National Bank of Boston, 1919-23; Head Cataloguer, Boston University, College of Liberal Arts, 1925-28. Head Cataloguer, Bryn Mawr College Library, 1928—.

MAE EDNA LITZENBERGER CRAIG, A.B., B.S., *Assistant Cataloguer*.

A.B. Mount Holyoke College 1924; B.S. Simmons College 1925. Assistant Cataloguer, Bryn Mawr College Library, 1925—.

MAUDE LOIS HASKELL SLAGLE, A.B., B.S., *Assistant Cataloguer*.

A.B. Mount Union College 1927; B.S. in L.S. School of Library Science, Western Reserve University, 1928. Assistant Cataloguer, Bryn Mawr College Library, 1928—.

ANNA FOSTER ALLEN, Ph.B., B.S., *Assistant to the Circulation and Reference Librarian.*

Ph B. Muhlenberg College 1927; B.S. in L.S. Drexel Institute, 1931. Assistant to the Circulation and Reference Librarian, Bryn Mawr College, 1931—.

HALLS OF RESIDENCE

KATHERINE MARY PEEK, M.A., *Head Warden of Pembroke Hall.*

A.B. Bryn Mawr College 1922 and M.A. 1929. Editorial Assistant, Crowell Publishing Company, New York City, 1922-24. Instructor in English, Bryn Mawr College, 1925-27, Warden of Merion Hall, 1927-30; studying abroad, 1930-31. Head Warden of Pembroke Hall, Bryn Mawr College, 1931-33.

CATHERINE PALMER ROBINSON, M.A., *Senior Resident of Radnor Hall.*

A.B. Bryn Mawr College 1920 and M.A. 1921. Teacher, Rosemary Hall, Greenwich, Conn., 1921-22; Student at the Sorbonne, 1922-23; Marine Insurance, 1924-29. Senior Resident of Radnor Hall and Secretary to the Dean of the Graduate School, Bryn Mawr College, 1929—.

CHARLOTTE BRANDON HOWE, M.A., *Director of Halls and Head Warden-elect.*

A. B. Radcliffe College 1922 and M.A. 1929. Hall Mistress, Whitman Hall, Radcliffe College, 1928-30. Warden of Wyndham, Bryn Mawr College, 1930-32; Director of Halls 1930— and Head Warden-elect, 1933.

ROSAMOND CROSS, A.B., *Warden of Denbigh Hall.*

A.B. Bryn Mawr College 1929. Teacher of History, Concord Academy, Concord, Massachusetts, 1929-32. Warden of Denbigh Hall, Bryn Mawr College, 1932—.

RUTH MULFORD COLLINS, M.A., *Warden of Rockefeller Hall.*

A.B. Mills College, 1927; M.A. University of California, 1929; M.A. Bryn Mawr College, 1930. Graduate Student, University of California, 1927-28. Apprentice Teacher, the Thorne School, Bryn Mawr and Graduate Student in English and Education, Bryn Mawr College, 1928-29. Fellow in English, Bryn Mawr College, 1929-30 and Instructor, 1930-31; Helene and Cecil Rubel Foundation Fellow studying in London, 1931-32. Warden of Rockefeller Hall, Bryn Mawr College, 1932-33 and Instructor in English, Semester II, 1932-33.

JOSEPHINE McCULLOCH FISHER, A.B., *Warden of Merion Hall, Semester I and Warden-elect of Pembroke East.*

A.B. Bryn Mawr College 1922. Student, Newham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27. Warden of Pembroke Hall, Bryn Mawr College, 1927-31, Warden of Merion Hall, Semester I, 1932-33 and Warden-elect of Merion Hall, 1933. Instructor in History and Political Science, Mt. Holyoke College, Semester II, 1932-33.

GERTRUDE BANCROFT, A.B., *Assistant Warden of Pembroke Hall, Semester I and Warden of Merion Hall, Semester II.*

A.B. Bryn Mawr College 1930. Student, University of London, 1931-32. Assistant Warden of Pembroke Hall, Bryn Mawr College, Semester I, 1932-33; Warden of Merion Hall, Semester II, 1932-33 and Reader in Economics and Politics, 1932-33.

EDITH GRANT, A.B., *Assistant Warden of Pembroke Hall, Semester II and Assistant Warden-elect of Rockefeller Hall.*

A.B. Bryn Mawr College 1930. Assistant Warden of Pembroke Hall, Bryn Mawr College, Semester I, 1932-33 and Warden-elect of Rockefeller Hall, 1933.

DOROTHY WALSH, M.A., *Warden-elect of Pembroke West.*

A.B. University of British Columbia 1923; M.A. University of Toronto 1924. Graduate Student, University of Toronto, 1923-25; Fellow in Philosophy, Bryn Mawr College, 1925-26, Reader and Graduate Student, 1927-28; Instructor in Philosophy, Hood College, 1928-30 and Assistant Professor 1930-31; Mary Elizabeth Garrett European Fellow studying at the University of Berlin 1931-32; Fellow in Philosophy, Bryn Mawr College, 1932-33, Lecturer-elect and Warden-elect of Pembroke West, 1933.

ELLEN WATSON FERNON, M.A., *Warden-elect of Merion Hall.*

A.B. Swarthmore College 1931. M.A. Bryn Mawr College 1933. Teacher of History, the Misses Kirk's School, Bryn Mawr, 1931-32; Graduate Student in History, Bryn Mawr College, 1931-33 and Warden-elect of Merion Hall, 1933.

DEPARTMENT OF PHYSICAL EDUCATION

JOSEPHINE PETTS, *Director of Physical Education.*

Graduate of the Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Instructor in Physical Education, Central School of Hygiene and Physical Education, New York, 1919-22; Instructor in Physical Education, Teachers College, Columbia University, 1922-28. Director of Physical Education, Bryn Mawr College, 1928—.

MARNA V. BRADY, M.A., *Assistant Director of Physical Education.*

B.S. University of Cincinnati 1925; M.A. Teachers College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27 and Columbia University, summer, 1928. Assistant Director of Physical Education, Bryn Mawr College, 1928—.

ETHEL M. GRANT, *Instructor in Physical Education.*

Honors Diploma with Distinction, Liverpool Physical Training College, 1923. Instructor in Physical Education in schools of England, 1923-26; Instructor in Physical Education, the Gordon-Roney School, Philadelphia, 1926-30. Instructor in Physical Education, Bryn Mawr College, 1930—.

HEALTH DEPARTMENT

MARION EDWARDS PARK, PH.D., *Ex-officio.*

HELEN TAFT MANNING, PH.D., *Head of Health Department.*

MARJORIE JEFFERIES WAGONER, M.D., *College Physician.*

A.B. Bryn Mawr College 1918; M.D. University of Pennsylvania 1922. Interne, Philadelphia General Hospital, 1920-24. College Physician, Bryn Mawr College, 1924—.

JOSEPHINE PETTS, *Director of Physical Education.*

Consultant Physicians

A number of physicians, resident in Philadelphia and representing the principal special divisions of medicine and surgery, have consented to act as consultants when called on by the Health Department.

DEPARTMENT OF BUSINESS ADMINISTRATION

CHARLOTTE BRANDON HOWE, M.A., *Director of Halls.*

SANDY LEE HURST, *Comptroller.*

JOHN J. FOLEY, *Superintendent.*

LAURA M. S. HOWARD, *Chief Clerk.*

HILDA ROBINS, *Supervisor of Culinary Department.*

WINFIELD DAUGHERTY, *Fire Chief.*

FACULTY COMMITTEES

STANDING COMMITTEES OF THE FACULTY

1933-34

Faculty Representatives on the Board of Directors

PROFESSOR SWINDLER
PROFESSOR CRENSHAW
PROFESSOR DAVID

Committee on Nominations

PROFESSOR GILMAN
PROFESSOR WELLS
PROFESSOR DONNELLY

Committee on Appointments

PROFESSOR TAYLOR
PROFESSOR DE LAGUNA
PROFESSOR TENNENT

PROFESSOR GRAY
PROFESSOR CHEW

Committee on Petitions

DEAN MANNING, *ex-officio*
PROFESSOR SANDERS, *ex-officio*
PROFESSOR BROUGHTON
PROFESSOR DAVID
PROFESSOR LOGRASSO

Committee on Curriculum

PRESIDENT PARK, *Chairman*
DEAN MANNING, *by invitation*
PROFESSOR CANU
PROFESSOR GARDINER
DR. NAHM
PROFESSOR TAYLOR
PROFESSOR FOREST
DR. ROBBINS

Committee on Laboratories

PROFESSOR DEWEY
PROFESSOR BLANCHARD
PROFESSOR WATSON

Committee on Schedules

DEAN MANNING, *ex-officio*
DR. ROBBINS
DR. DRYDEN*
DR. LEHR

Committee on Entrance Examinations

PRESIDENT PARK, *Chairman*
DEAN MANNING, *by invitation*
MISS WARD, *by invitation*
MISS GAVILLER, *ex-officio*
PROFESSOR DONNELLY
PROFESSOR GILMAN
PROFESSOR WELLS
DR. FLEXNER
PROFESSOR BROUGHTON

Committees on Language Examinations

French—
PROFESSOR GILMAN
DR. GLEN
DR. NAHM
German—
PROFESSOR M. DIEZ
PROFESSOR GILLET
DR. FAIRCHILD

* Substitute for Dr. Hedlund.

Committee on Libraries

PROFESSOR DAVID
 DR. WEISS
 PROFESSOR SWINDLER

Committee on Housing

PROFESSOR FENWICK
 DR. FAIRCHILD
 PROFESSOR MEZGER

STANDING COMMITTEES OF THE ACADEMIC COUNCIL

*Committee on Graduate
Students*

PRESIDENT PARK, *Chairman*
 DEAN SCHENCK, *ex-officio*
 PROFESSOR M. P. SMITH
 PROFESSOR CRENSHAW
 PROFESSOR DONNELLY

*Committee on Graduate
Courses*

PRESIDENT PARK, *Chairman*
 PROFESSOR GILLET
 PROFESSOR TENNENT
 PROFESSOR MEZGER

Committee on Learned Publications

PRESIDENT PARK, *Chairman*
 PROFESSOR TENNENT
 PROFESSOR CARPENTER
 PROFESSOR CANU

STANDING COMMITTEES OF THE SENATE

1932-33

Executive Committee

PRESIDENT PARK, *Chairman*
 DEAN MANNING, *ex-officio*
 PROFESSOR W. R. SMITH
ex-officio
 PROFESSOR DAVID
 PROFESSOR CRANDALL
 PROFESSOR TENNENT

Judicial Committee

PRESIDENT PARK, *Chairman*
 DEAN MANNING, *ex-officio*
 PROFESSOR M. P. SMITH
 PROFESSOR LEUBA
 PROFESSOR CHEW

HONORARY CORRESPONDING SECRETARIES

The following honorary corresponding secretaries, all of whom are graduates of Bryn Mawr College, have kindly consented to act as representatives of the college in the cities in which they live and will at any time be glad to answer questions about the college.

CALIFORNIA:

PASADENA: MISS KATE WILLIAMS, *485 Palmetto Drive.*

SAN FRANCISCO: MRS. COLIS MITCHUM, *3320 Jackson Street.*

MRS. CHARLES PRICE DEEMS, *11 Commonwealth Ave.*

COLORADO:

DENVER: MRS. HENRY SWAN, *740 Emerson Street.*

CONNECTICUT:

FARMINGTON: MRS. HERBERT KNOX SMITH.

NEW HAVEN: MRS. CHARLES MCLEAN ANDREWS, *424 St. Ronan Street.*

DISTRICT OF COLUMBIA:

WASHINGTON: BARONESS SERGE ALEXANDER KORFF, *2308 California Street.*

ILLINOIS:

CHICAGO: MRS. JAMES FOSTER PORTER, *1085 Sheridan Road, Hubbard Woods.*

MRS. MORRIS LEIDY JOHNSTON, *1520 Dearborn Parkway.*

INDIANA:

INDIANAPOLIS: MRS. FRANK NICHOLAS LEWIS, *3216 North Pennsylvania Street.*

MARYLAND:

BALTIMORE: MRS. ANTHONY MORRIS CAREY, *4311 Rugby Road, Guilford.*

MASSACHUSETTS:

BOSTON: MRS. INGERSOLL BOWDITCH, *32 Woodland Road, Jamaica Plain.*

CAMBRIDGE: MRS. ROBERT WALCOTT, *152 Brattle Street.*

FALL RIVER: MRS. RANDALL NELSON DURFEE, *19 Highland Avenue.*

MINNESOTA:

MINNEAPOLIS: MRS. CLARENCE MORGAN HARDENBERGH, *1788 Fremont Avenue South.*

MRS. HAROLD OLNEY HUNT, *2318 First Avenue South.*

MISSOURI:

ST. LOUIS: MRS. GEORGE GELLHORN, *4366 McPherson Avenue.*

NEW YORK:

NEW YORK CITY: MRS. LEARNED HAND, *142 East 65th Street.*

CLINTON: MRS. ARTHUR PERCY SAUNDERS.

OHIO:

CINCINNATI: MRS. RUSSELL WILSON, *2726 Johnstone Place.*

CLEVELAND: MISS ALICE PEIRSON GANNETT, *1420 East 31st Street.*

OREGON:

PORTLAND: MRS. HENRY MINOR ESTERLY, *Inwood, Hewett Boulevard, Route 5.*

PENNSYLVANIA:

PITTSBURGH: MRS. ALEXANDER JOHNSTON BARRON, *Glen Osborne, Sewickley.*

MRS. CARROLL MILLER, *4 Von Lent Place.*

VIRGINIA:

RICHMOND: MRS. WYNDHAM BOLLING BLANTON, *3015 Seminary Avenue.*

WISCONSIN:

MADISON: MRS. MOSES STEPHEN SLAUGHTER, *633 North Francis Street.*

ENGLAND: THE HON. MRS. B. RUSSELL, *11 St. Leonard's Terrace, Chelsea, London S.W.3.*

THE GRADUATE SCHOOL

The Graduate School of Bryn Mawr College exists to give advanced instruction and to foster research in the fields of ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art and education. Bryn Mawr College offers special opportunities to its graduate students for the working out of research problems in small seminars under the personal direction of the heads of departments. The degrees of Master of Arts and Doctor of Philosophy are conferred and in addition to these degrees first and second year certificates are awarded by the Carola Woerishoffer Graduate Department of Social Economy and Social Research.

From the first it has been the policy of the Trustees of Bryn Mawr College to organize no department in which they could not provide for graduate as well as undergraduate study. In each department (except the Department of Music) a consecutive series of graduate courses pursued throughout three years provides preparation in the chief or major subject of the examination for the degree of Doctor of Philosophy.

Admission

Application for admission to the Graduate School should be made to the Dean of the Graduate School, Bryn Mawr College, Bryn Mawr, Pennsylvania.

Application

Graduate students must present a diploma from some college of acknowledged standing. They must satisfy the several instructors of their ability to profit by the courses they desire to follow and may be required to pursue certain introductory or auxiliary studies before they are admitted to the advanced or purely graduate courses.

Graduate Students

Graduates of Bryn Mawr College and graduates of other colleges satisfying the Academic Council that the course of study for which they have received the degree of Bachelor of Arts is equivalent to that for which that degree is given at Bryn Mawr, or who have made up any deficiency, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts, or Doctor of Philosophy and Master of Arts; admission to the graduate school does not automatically qualify a student to become a candidate for these degrees. Students not studying for these degrees are, however, entitled to personal guidance and supervision from the instructors of the Graduate School.

The most distinguished place in the Graduate School is held by the resident fellows and graduate scholars, who must live in Radnor Hall, the graduate hall of the college, during the academic year. There are offered annually in the Graduate School three fellowships for study in Europe, one special foundation fellowship for study in an American college, twenty-one resident fellowships, twenty-three resident graduate scholarships and five graduate scholarships for foreign women.*

Fellows and Scholars

* For details of these awards, see pages 38-40.

Residence

Residence for Graduate Students

Residence in Radnor Hall, the graduate hall, is optional except for holders of resident fellowships and scholarships. Every student has a separate room. The charge of \$100 for room-rent is payable on registration and includes all expenses of furnishing, service, heat and light.* Those who do not reside in the graduate hall are expected to make arrangements which are satisfactory to the college.

Plans and descriptions of Radnor Hall are published in Part 3 of the Bryn Mawr College Calendar.

Application for Rooms

Application for rooms must be made as early as possible. The demand for graduate rooms is very great and since unnecessarily reserving a room may prevent some other student from entering the college, a deposit of ten dollars is required in order that the application may be registered. In case the applicant enters the college in the year for which the room is reserved, the amount of the deposit is deducted from the first college bill. If she changes the date of her application or files formal notice of withdrawal at the Office of the Secretary and Registrar before August first of the year for which the application is made, the deposit will be refunded. If, for any reason whatever, the change or withdrawal be made later than August first, the deposit will be forfeited to the college. Students making application for a room for the second semester forfeit the deposit if they do not file notice of withdrawal at the Secretary's office before January first of the academic year for which the room is reserved. In order to make application for a room it is necessary to sign a room-contract which will be sent on application and return it with the fee of ten dollars to the Secretary and Registrar of the college. A deposit of ten dollars must also be made by each student in residence in order to insure the tenure of her room for the following academic year. This sum will be forfeited if formal notice of withdrawal is not filed at the office of the Secretary and Registrar on or before May first of the current year.

With- drawal

Every applicant who reserves a room after the first of September or who fails to withdraw her application by that date and either does not occupy the room at all or vacates it during the college year prevents some other student from obtaining admission as a resident student to the college. Therefore, unless formal notice of withdrawal of application for the ensuing academic year is received by the Secretary and Registrar of the college by the first of September (or in the case of an application for the second semester only, by the first of January) the applicant is responsible for the rent of the room for the whole year. The charge for room-rent is not subject to remission or deduction unless the college is able to re-rent the room. The applicant is not entitled to dispose of the room thus left vacant.

Board

The charge for board is four hundred dollars a year, one-half being payable on registration and the other half at the beginning of the second semester.

* Students are expected to provide their own rugs—although upon request they will be supplied—curtains and towels, but in every other respect the rooms are completely furnished. No part is taken by the students in the care of their own rooms.

In case of prolonged illness and absence from the college extending over six weeks or more, there will be a proportionate reduction in charge for board.

Accommodation is provided for graduate students who wish to remain at the college during the Christmas and Easter vacations at fifteen dollars a week. At Christmas the college halls are closed, but accommodation may be obtained near the college campus. At Easter graduate students may occupy their own rooms at the above rate. Any student remaining in Bryn Mawr or near by and not in the college or in her own home for all or part of the vacation must make arrangements satisfactory to the Dean of the Graduate School.

Accommodation for Vacations

The college reserves the right to exclude at any time and to cancel the fellowships and scholarships of students whose conduct or academic standing renders them undesirable members of the college community. In such cases fees due or paid in advance will not be refunded or remitted in whole or in part.

College Regulations

In case of emergency the college assumes the right to take all responsibility.

Expenses

Tuition

The charge for tuition for graduate students is \$250 a year, one-half being payable on registration and the other half at the beginning of the second semester.*

Tuition Fee

In cases where a full-time registration is not made, tuition fees for graduate student are as follows:

For one graduate seminary or for any graduate course meeting two hours a week.....	\$100
For any graduate course meeting one hour a week.....	50
For any undergraduate course†.....	125

The tuition fee for the semester becomes due as soon as the student is registered in the college office. No reduction of this fee will be made on account of absence, dismissal or any reason during a semester, or year covered by the fee in question. If a graduate student is admitted to residence or to attendance on lectures after the beginning of a semester a proportionate reduction is made in the charges for board and room-rent and for tuition. Every student who enters the college must register immediately at the Comptroller's office and must register her courses at the Office of the Dean of the Graduate School within two weeks after entrance. Permission to make any change in registration must be received from the Dean of the Graduate School.

Students whose fees are not paid before November first in the first semester and before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

* For Laboratory fees see page 30.

† A reduced charge of \$100 is made to candidates for the degree of Master of Arts for the advanced undergraduate work that may be offered in partial fulfilment of the requirements for that degree.

Laboratory Fees

Students registered for laboratory work only are charged a fee of \$25 a semester for 5 hours or less a week of laboratory work, with an additional charge of \$5 an hour for each additional hour.

Students in the departments of Physics, Chemistry, Geology, Biology and Psychology, whose laboratory or field work is done in connection with a graduate course or an advanced undergraduate course that may be counted for an advanced degree, shall be charged a laboratory fee of \$10 a semester for each course, the maximum fee charged not to exceed \$25. The fee for laboratory work done in connection with a first or second year undergraduate course is \$15 a semester.

Carola Woerishoffer Fees

All graduate students, including fellows and scholars, taking two courses or a course which requires field work in the Department of Social Economy and Social Research are charged a laboratory fee of \$10 a semester, and may also be required to provide themselves with two fifty-trip tickets between Bryn Mawr and Philadelphia costing \$9.18 each and to meet their traveling and incidental expenses while working in the field during the semester and vacations. The fee for the certificate is five dollars and all fellows and scholars are expected to complete work for a certificate or an advanced degree and are charged the fee.

Infirmary Fee

The infirmary fee of \$20.00 paid by each resident graduate student entitles her to be cared for in the infirmary for four days (not necessarily consecutive) during the year and to attendance by the college physicians during this time and to nursing, provided her illness is not infectious. It also entitles her to the services of the nurses employed by the college during other temporary illness, provided one of the regular nurses is free at the time. In the case of an illness of longer duration and also in the case of all diseases of an infectious character the student must meet or, in case of two or more students with the same infectious disease, must share the expense of a special nurse. She is responsible also for the infirmary fees which are \$6.00 a day and for hospital or sanitarium charges should she be removed from the college by order of the college physician.

A special nurse for one student costs approximately \$8.30 per day or \$58.10 per week, which includes nurse's fee, board and laundry. When a student has not an infectious disease the infirmary fee of \$6.00 per day will include the nurse's fee, provided it is possible for one of the college nurses to care for the student. The fees of the consulting physicians and surgeons and other specialists recommended by the college will be furnished on request.

Any resident graduate student becoming ill while away from college is asked to communicate immediately with the Dean of the Graduate School.

Graduation Fee

The graduation fee for Doctors of Philosophy and Masters of Arts is twenty dollars.

Summary of Expenses

Summary of Total Expenses for the Academic Year

Tuition fee*	\$250
Room-rent	100
Board	400
Infirmary fee †	20
Total	\$770

* For Laboratory fees see top of page.

† This fee entitles the student to four days (not necessarily consecutive) resident care in the Infirmary and to consultations with the College Physician during her office hours.

DEPARTMENT OF HEALTH

Health

A Health Committee, consisting of the President of the College, the Dean of the College, who is Chairman of the Committee, the Dean of the Graduate School, the Director of Physical Education, the Physician of the College, the Wardens and the Senior Resident of Radnor Hall, has charge of the health of the students.

The department of health requires that every student file with the Chairman a certificate of a recent medical examination signed by the student's physician.

A certificate of vaccination within one year of entering college is also demanded, otherwise students must be vaccinated by one of the college physicians. The fee for such vaccination is five dollars.

Every student must file a certificate stating that her eyes have been examined by an oculist within six months before entrance. Failure to comply with the above rule entails an examination by one of the college consultants in ophthalmology for which the students will be charged as private patients by the ophthalmologist who makes the examination. If glasses are prescribed they must be obtained.

Eminent specialists practising in Philadelphia have consented to act as consulting physicians to the college; their fees will be furnished upon request. Students may consult the College Physician without charge at her office in the college Infirmary during the regular office hours.

Students ill in the graduate hall are required to report their illness immediately to the Senior Resident. Such cases will always be investigated and if the College Physician believes it advisable, the student will be admitted to the Infirmary. Outside physicians will not be permitted to visit students in the graduate hall, unless called in special cases by the College Physician.

Graduate Association

In 1893 the Bryn Mawr Graduate Association was organized by the graduate students then in residence, its object being to further the social life of the graduate students. In 1925 it took over the regulation of matters in regard to the conduct of the graduate students in cases not purely academic or affecting hall management or the student body as a whole. All resident students in the Graduate School are members of this association.

*Graduate
Association*

THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

The Degree of Master of Arts

The Degree of Master of Arts

The degree of Master of Arts in no case will be conferred by the college as an honorary degree, but only upon the completion of the following requirements:

A graduate student who desires to become a candidate for the M.A. degree should make application, if possible, before October 1st of the academic year in which she expects to take the degree. With her application she should submit her complete academic record, including matriculation credits, in order that the Committee on Graduate Students may estimate her work and advise her as to the removal of any deficiencies.

The Committee on Graduate Students has power to grant special consideration to foreign students whose previous training has been of a different character from that required for the A.B. degree in the United States. In such cases, however, the committee may reserve its decision until the student has given satisfactory evidence of her ability in graduate work at Bryn Mawr.

Any deficiency in the preliminary requirements must be made up according to the specifications of the Committee on Graduate Students not later than the last year in which courses are taken for the degree.

PRELIMINARY REQUIREMENTS

Preliminary Requirements

(a) *Admission to courses.*

Preliminary training equivalent to two and one-half units* of undergraduate work at Bryn Mawr College in the subject of the course is in general required for admission to a course to be counted for the M.A. degree. In special cases, with the approval of the department concerned, work in related subjects of equivalent value in preparation may be accepted. In all such cases, however, the candidate must have taken in some one subject the equivalent to two and one-half units of undergraduate work at Bryn Mawr College.

(b) *Knowledge of Literature, Philosophy, Psychology, Laboratory Science, Mathematics.*

A candidate is required to present credits for at least eight semester hours (or one Bryn Mawr undergraduate unit) of Literature based on a preparation of three college-entrance units or their equivalent in college work. A candidate is required to present credits for sixteen semester hours

* Counted by semester hours this amounts to approximately 20 semester hours. For admission to graduate seminars in the Department of English, however, approximately thirty-two semester hours are required.

(or two Bryn Mawr undergraduate units) of undergraduate work in two or more of the following subjects: Philosophy, Psychology, Laboratory Science (i.e. Physics, Chemistry, Geology, or Biology, accompanied by laboratory work), or Mathematics. Not more than eight semester hours may be in any one of these subjects and sixteen hours may not be entirely in Philosophy and Psychology. If the candidate has no college or matriculation credit in a laboratory science she will be required by the Committee on Graduate Students to make up her deficiency by taking in Bryn Mawr College, or in another institution approved by the committee, at least six semester hours of laboratory science, which may be counted in the above sixteen hours.

(c) *Knowledge of Latin.*

A candidate must be able to read Latin prose of moderate difficulty. This requirement will ordinarily be met by the presentation of three units of matriculation credit. A candidate who falls short of this requirement must make up her deficiency in a way prescribed by the Committee on Graduate Students.

(d) *Knowledge of French and German.*

A candidate must prove her ability to read French and German by passing written examinations. The Bryn Mawr undergraduate examinations in French and German are accepted as fulfilling this requirement in the case of graduates of Bryn Mawr College.

Examinations in French and German are held each year within two weeks after the opening of college and candidates must present themselves for examination at this time. For candidates who fail in this examination a second examination is held before Thanksgiving. No student may receive the Master of Arts degree in the following June who has not passed these examinations by this date. These examinations shall be of the type of the Bryn Mawr General Language Examinations for the A.B. degree, and shall be conducted by the Committees on General Language Examinations.

If five years have passed between the date of a candidate's language examination and the autumn of the year in which she proposes to present herself for the degree she shall be re-examined unless the department in which she is working recommends to the Graduate Committee to excuse her from further examination on the ground of her proficiency in French and German, or French, or German. This shall apply to Bryn Mawr graduates as to all other candidates.

(e) *Ability to Use English.*

A candidate must be able to give a report and carry on discussion in satisfactory English. A candidate who is unable to write correct English will be required by the Committee on Graduate Students to make up her deficiencies in this respect by doing special work under the direction of the Department of English.

REQUIREMENTS

Requirements for the Degree of Master of Arts

Courses.—Every candidate must attend at Bryn Mawr College three unit graduate courses* or two unit graduate courses and one and one-half units of advanced undergraduate work.† These courses must be taken in a field established by one of the accepted combinations of Major and Allied Subjects for the degree of Doctor of Philosophy.‡

Examinations.—Every candidate is required to take examinations on the courses offered. These examinations are held in the first week of the May examination period. The examination books together with the examiner's estimate of them as "satisfactory" or "unsatisfactory" shall be sent to the Committee on Graduate Students which shall report to the Academic Council.

The work for the degree need not be taken in one year, but examinations on all the courses offered must be taken in the May examination period of the year in which the degree is conferred.

The Degree of Doctor of Philosophy and Master of Arts

Upon completion of the requirements stated below, the degree of Doctor of Philosophy and Master of Arts may be conferred upon graduates of Bryn Mawr College, and upon those graduates of other colleges who shall have satisfied the Committee on Graduate Students either that the course of study for which they received a degree is equivalent to that for which the degree of Bachelor of Arts is given at Bryn Mawr College, or that it has been adequately supplemented by subsequent study. The degree of Doctor of Philosophy will in no case be conferred by the College as an honorary degree.

Application

A student may ask to be accepted as a candidate for the Ph.D. degree in the spring of her first year of graduate work at Bryn Mawr College provided she is at that time nearing the completion of at least two graduate units.§ The applicant must submit to the Committee on Graduate Students in writing an account of her general preparation, stating in particular the extent of her knowledge of French, German and Latin, stating also the subjects she wishes to offer as major and allied subjects for the degree, and the amount and character of the work already done in these subjects. If this statement is satisfactory she will be registered as a candidate and a committee will be appointed to supervise her work.

* A graduate seminary counts as one graduate unit.

† Undergraduate work thus substituted, while counting for the M.A. degree, may not be counted for the Ph.D. degree.

‡ In exceptional cases for students who have already proved their ability in graduate or advanced undergraduate work in their chief subject of study, a special plan of independent work may be recommended by the department concerned as a substitute for one of the unit graduate courses or for all or part of the one and one-half units of undergraduate work. The recommendation of students for this plan is entirely within the discretion of the department.

§ For definition of graduate unit, see paragraph IV, page 35.

REQUIREMENTS

I. *Time*.—The candidate shall devote to work for the degree the equivalent of at least three full years. This minimum will usually be exceeded.

II. *Residence*.—Two full years of work at Bryn Mawr College are required.* The remainder of the work may be done at other institutions approved by the Committee on Graduate Students. In special cases the Committee may accept work done under the direction of scholars not directly connected with a college or university.

III. *Subjects*.—The course of study shall consist of one principal or *Major* subject and, in general, one *Allied* subject which shall be in another department. In individual cases the Committee on Graduate Students may, upon recommendation of the Supervising Committee, give permission to a candidate to confine her field to her *Major* subject or to add a second *Allied* subject.†

IV. *Units of Graduate Work*.—There are no formal course requirements after a student has been accepted as a candidate for the degree. Candidates are strongly advised, however, to complete at least seven Units of graduate work, including five Graduate Courses. The Supervising Committee will advise candidates as to the distribution of their time between Graduate Seminars or Courses, Units of Independent Work, and the dissertation.

Units of Graduate Work are of two sorts:

1. The Graduate Course or Seminary.
2. An independent Unit of work, equivalent to a Graduate Course or Seminary, planned and examined by an instructor but carried on independently by the student. Such work may consist in reading with assigned reports, research with results submitted, or a combination of both.

A student offering less than seven units for the degree shall submit to her Supervising Committee before she presents herself for the Preliminary Examination a statement of the work that she has done outside of Graduate Units in preparation for the degree.

Graduate Seminars or Courses and Units of Independent Work must be registered at the Office of the Dean of the Graduate School.

Journal Clubs.—Every candidate is urged to take part in the work of the Journal Clubs of her Major and Allied subjects.

V. *Tests in French and German*.—Every candidate must pass a written examination in the translation of French and German texts in the field

* (a) Candidates who hold academic appointments at Bryn Mawr College for at least two years may be allowed, upon recommendation of their Supervising Committee, to reduce the residence requirement to the equivalent of one full year of graduate work at Bryn Mawr College.

(b) Graduates of Bryn Mawr College may reduce to one year the time spent at Bryn Mawr in order to broaden their academic experience by spending a larger proportion of their time elsewhere. A graduate of Bryn Mawr College who intends to spend only one year in the Bryn Mawr Graduate School may be accepted, on the recommendation of her department, by the Committee on Graduate Students provisionally as a candidate for the Ph.D. degree before any graduate work has been done at Bryn Mawr College.

† A list of approved combinations of Major and Allied subjects is issued by the Academic Council.

Requirements for the Degree of Doctor of Philosophy and Master of Arts

Units of Graduate Work

Language Examinations

of her Major subject. These examinations should be taken as early as possible* and in any case not later than one calendar year before the date of the Final Examination. † In case of failure, the Committee on Graduate Students may allow a candidate to present herself again but not later than at an early date in the academic year in which she is to complete the requirements for the degree. If the candidate's Major or Allied subject is modern French or German, she will be excused from the corresponding test.

Dissertation

VI. *Dissertation*.—The dissertation must be the result of independent investigation in the field covered by the Major subject. It must contain new results, or it must present accepted results in a new light. It shall be in English or Latin, or, by special permission of the Committee on Graduate Students, in the language of the candidate, but if this is other than French or German, an English translation must be appended.

The candidate must present a dissertation satisfactory in content and suitable in form for publication and the acceptance of the dissertation implies permission to publish. She shall not be entitled to use the degree, however, until her dissertation shall have been published:

a. As submitted.

b. In revised form, i. e., with changes or additions recommended by the Supervising Committee and approved by the Committee on Graduate Students.

c. In part. In special cases, upon recommendation of the Supervising Committee, the Committee on Graduate Students may accept as satisfying the requirements for publication, the publication of the dissertation in a somewhat condensed form or the publication of important parts of the dissertation. When such permission is given, three typed copies of the original in permanent binding shall be deposited in the Bryn Mawr library and reference to the availability of these copies shall be made in the published form. The final form for publication must be approved by the Supervising Committee and the Committee on Graduate Students.

d. Upon recommendation of the Supervising Committee and with the approval of the Committee on Graduate Students, as part of a larger work.

In any of the above cases, the publication must include a statement that it is a dissertation or part of a dissertation accepted by Bryn Mawr College.

The dissertation must be published within three years from the Commencement at which the degree is awarded unless a special extension of time is granted by the Committee on Graduate Students.

One hundred and fifty copies of the printed dissertation, of which two copies shall be bound in a form specified by the Library, must in general be supplied to the College. The Committee on Graduate Students shall have power, however, to reduce the number of copies required.

* Certain departments do not accept students as candidates for the Ph.D. degree until they have passed these examinations.

† A candidate who is abroad during the academic year preceding that in which the final examination is to be taken may present herself at an early date in the year in which the final examination is to be taken.

VII. *Examinations.*—There shall be two examinations known respectively as the Preliminary and the Final.

Certain options are allowed with regard to the time and character of the Preliminary and Final Examinations, but the following principles must be borne in mind:

(a) The candidate is expected to have a knowledge of her subjects rather than of particular courses.

(b) The candidate's general knowledge of her subjects shall be tested at a time when she is well advanced in her work. Since the regulations permit the Preliminary Examinations, if departments so choose, to come at too early a date to accomplish this, the Final Examination shall in such cases be partly general in character.

(c) There must be at least one oral examination and if only one is given it must be partly general in character.

1. The Preliminary Examination.

The Preliminary Examination shall be on fields established for each candidate by the Director of her work with the approval of her Supervising Committee and meeting the requirements for the Major and Allied subjects laid down by her department.

2. The Final Examination.

(a) The Final Examination shall be given after the dissertation has been completed.

(b) The form and content of the Final Examination may as a rule be determined by the department in which the major work is being done. In form it may be oral or oral and written. In content it may cover a general field, or it may be of a searching character on a delimited part of the Major subject.

FELLOWSHIPS AND GRADUATE SCHOLARSHIPS

Date of Application for Fellowships and Scholarships

Application for resident fellowships or scholarships should be made as early as possible to the Dean of the Graduate School and must be made not later than the first of March preceding the academic year for which the fellowship or scholarship is desired. Blank forms of application will be forwarded to the applicants. A definite answer will be given within a few weeks from the latest date set for receiving applications. Any original papers, printed or in manuscript, which have been prepared by the applicant and sent in support of her application, will be returned when stamps for that purpose are enclosed or specific directions for return by express are given. Letters or testimonials from professors and instructors will be filed for reference.

European Traveling Fellowships

Bryn Mawr European Fellowship

The Bryn Mawr European Fellowship of the value of \$500 was founded in 1889. It is awarded annually to a member of the graduating class of Bryn Mawr College on the ground of excellence in scholarship. The fellowship is intended to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The Bryn Mawr European fellow receives in addition the Elizabeth S. Shippen foreign scholarship of the value of \$200.

Mary Elizabeth Garrett European Fellowship

*The Mary Elizabeth Garrett European Fellowship** of the value of \$1,000, founded by Miss Garrett of Baltimore, is awarded annually on the ground of excellence in scholarship. The holder must be a graduate student at Bryn Mawr College and a candidate for the degree of Doctor of Philosophy of Bryn Mawr College. The fellowship is to be applied to the expenses of one year's study or research abroad, or, in special cases, in the United States.

Anna Ottendorfer Memorial Research Fellowship

The Anna Ottendorfer Memorial Research Fellowship in German and Teutonic Philology of the value of \$1,000 was founded in 1907 by Mrs. Anna Woerishoffer of New York City in memory of her mother. It is to be applied towards the expenses of one year's study and residence at some German university and is offered annually to a graduate student who has completed at least one year of graduate study at Bryn Mawr College but is not necessarily still in residence when making application for the fellowship. The fellowship will be awarded to the candidate who shows such proficiency in her studies or in independent work as to furnish reason to believe that she will be able to conduct independent investigations in the

*By vote of the Trustees of Bryn Mawr College in February, 1927, the President M. Carey Thomas European Fellowship of the value of \$500, founded by Miss Garrett in 1896, and the Mary Elizabeth Garrett European Fellowship of the value of \$500, founded by Miss Garrett in 1894, are offered jointly as one fellowship of the value of \$1000.

field of Teutonic Philology or German. The choice of a university may be determined by the holder's own preference subject to the approval of the Faculty.

The Fanny Bullock Workman Fellowship of the value of \$1,500 is offered annually for a year of study or research abroad. The holder of the fellowship must be a candidate for the degree of Doctor of Philosophy at Bryn Mawr College who could not have the advantages of such a year without assistance. At the discretion of the Faculty the fellowship for any one year may be divided between two students or the same student may hold the fellowship for more than one year.

*Fanny
Bullock
Workman
Fellowship*

Resident Fellowships

The Helen Schaeffer Huff Memorial Research Fellowship founded in 1913 of the value of \$1,200, is offered to a student desiring to carry on research in either Physics or Chemistry, to be held during one year's work at Bryn Mawr College.

*Helen
Schaeffer
Huff
Memorial
Research
Fellowship*

Applicants for this fellowship must be students who have done advanced graduate work at some college or university of recognized standing and have shown capacity for research. The award of the fellowship will depend primarily upon the applicant's record as a research student. Where equally good candidates are considered, preference will be given to a student working on problems which may be considered to lie along the borderline between Chemistry and Physics. The fellowship may under exceptional circumstances be awarded in consecutive years to the same student or the fellowship may be given to a graduate student studying at Bryn Mawr College to be held during one year's work at some other American college or university if in the opinion of the Committee it is imperative for that student to go elsewhere in order to complete an important piece of investigation.

Twenty-one resident fellowships, of the value of \$860 each, are offered annually in Biblical Literature, Biology, Chemistry, Classical Archæology, Economics and Politics (the Justus C. Strawbridge Fellowship), Education, English, Geology, German, Greek, History, History of Art, Latin, Mathematics, Philosophy, Physics, Psychology, Romance Languages (two fellowships) and two Carola Woerishoffer Memorial Fellowships in Social Economy and Social Research. They are open for competition to graduates of any college of good standing and will be awarded only to candidates who have completed at least one year of graduate work after obtaining their first degree.*

*Department
Fellowships*

Fellows who continue their studies at the college after the expiration of the fellowship, may, by a vote of the Directors, receive the rank of Fellows by courtesy.

DUTIES OF RESIDENT FELLOWS

Fellows are expected to attend all college functions, to assist in the conduct of examinations and to give about an hour a week to the care of

*Duties of
Resident
Fellows*

* Any student who has received the M.A. degree from a college or university of recognized standing shall be eligible for a resident fellowship.

special libraries in the seminaries; they are not permitted while holding the fellowship to teach or to undertake any other duties in addition to their college work. They are expected to uphold the college standards of scholarship and conduct and to conform to the Self-Government regulations. They are required to reside in the graduate hall and are assigned rooms by the Secretary and Registrar of the College. They are charged the usual fee of seven hundred and seventy dollars for tuition, board, room rent and infirmary fee.

The holder of a fellowship is expected to devote at least one-half her time to the department in which the fellowship is awarded and to show by the presentation of a thesis or in some other manner that her studies have not been without result.

Resident Graduate Scholarships

Resident Scholarships

Twenty Graduate Scholarships, of the value of \$400 each, may be awarded to candidates next in merit to the successful candidates for the fellowships; they are also open for competition to graduates of any college of good standing. Scholars may undertake while holding a scholarship only a very limited amount of teaching or other paid work approved in advance by the Dean of the Graduate School.

Robert G. Valentine Memorial Scholarship

The Robert G. Valentine Memorial Scholarship in Social Economy of the value of \$400 is offered annually by Mrs. Frank W. Hollowell of Chestnut Hill, Massachusetts, to be awarded by the President and Faculty of Bryn Mawr College on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research to a candidate approved by the donor. It is open to graduates of any college of good standing.

Grace H. Dodge Scholarship

The Grace H. Dodge Scholarship in Social Economy for work in Industrial Relations of the value of \$400 is offered annually and is open for competition to graduates of any college of good standing.

Opportunity is offered by the College Settlement of Philadelphia for two graduate students to reside at the settlement, paying a minimum rate of board, to take at least six hours of practice work at the Settlement, and to pursue courses in the Carola Woerishoffer Graduate Department.

Society of Pennsylvania Women in New York Scholarship

The Scholarship of the Society of Pennsylvania Women in New York, founded in 1925, of the value of \$750, is offered annually to a candidate born in Pennsylvania to whom the pursuit of advanced studies would be impossible without financial assistance.

Graduate Prize

Susan B. Anthony Memorial Prize

The Susan B. Anthony Memorial Prize of the value of \$500 commemorates the great work for women of Susan B. Anthony. It was founded in 1910 by her friend Anna Howard Shaw and her niece Lucy E. Anthony.

From 1910 to 1928 the Memorial of Susan B. Anthony was a graduate scholarship in social economy or politics of the value of \$250 awarded annually to the student who agreed to complete for publication a study on some phase of the woman question. With the consent of the surviving donor, Miss Lucy E. Anthony, the form of the memorial has been changed to a prize.

It is awarded every two years to a graduate student of Bryn Mawr College who has published (or submitted in final form for publication

approved by the Committee) the best study dealing with the industrial, social, economic, or political position of women in the past, present or future. The next award will be made in June 1934.

The award will be made by the President of the College, acting as chairman and four members of the teaching staff appointed by her.

Scholarships for Foreign Women*

Five graduate scholarships, of the value of one thousand dollars each, are offered annually to women students outside the United States and Canada. They are open for competition to women whose academic work has reached a standard equivalent to that denoted by the Bachelor's degree of an American college or university of acknowledged standing, that is, a three or four years' university course.† It is *essential* that applicants should be able to speak and understand English. Application for these scholarships should be made before April first. Renewal of the scholarships for a second year will not be granted except in very exceptional cases. Holders of the scholarships are required to be in continuous residence at the college and to follow regular approved courses of study.

*Scholarships
for Foreign
Women*

The cost of board, residence and tuition for the academic year is \$770, and an additional charge of \$15 a week is made for students who remain at the college during the three weeks of the Christmas and Easter vacations. The value of the scholarship, \$1000, therefore covers more than the fixed college expenses and the remainder may be applied toward the other expenses which must be met by the student, i. e., traveling expenses to and from Europe, books, laundry and all incidental personal expenses.

*The College was unable to offer these scholarships for the year 1933-34. Subsequent announcement will be made in regard to the year 1934-35. Applications for the scholarships for foreign women should be accompanied by full particulars of the candidate's academic work, by diplomas or certificates and by letters of recommendation from professors and should be addressed to the office of the Dean of the Graduate School, Bryn Mawr College, Bryn Mawr, Pennsylvania, U. S. A. Through coöperation with the Institute of International Education, 2 West 45th Street, New York City, applications from nationals of the countries with which the Institute maintains international student exchange relations, should be addressed to the Institute representatives in those countries: Argentina: Dr. Alfredo Colmo, President, Instituto Cultural Argentino-Norte Americano, Maipú 686, Buenos Aires; Austria: Dr. Paul L. Dengler, Director, Austro-American Institute of Education, 1 Elisabethstrasse 9, Vienna; Czechoslovakia: Ministry of Education, VII Department, Maltézké nám. c. 1, Prague III; France: Monsieur Charles Petit-Dutaillis, Director, Office National des Universités et Écoles Françaises, 96 Boulevard Raspail, Paris; Germany: Dr. A. Morsbach, Director, Akademischer Austauschdienst, Schloss, Berlin C 2; Hungary: Dr. Kálmán de Szily, Ministry of Education, Báthory-utca 12, Budapest V; Italy: Ministero Degli Affari Esteri, Il Direttore Generale Delle Scuole Italiane All' Estero, Palazzo Chigi, Rome; Spain: Professor José Castillejo, Junta para Ampliación de Estudios, Duque de Medinaceli 4, Madrid; Switzerland: Professor Arthur Rohn, President, Schweizerischen Schulrates, Eidgenössische Technische Hochschule, Zurich.

† For British women the degree of Bachelor of Arts, for French women the *Licence*, for Norwegian and Swedish women the *Cand. Philol.*, or their equivalents are desired.

DUTIES OF RESIDENT SCHOLARS

*Duties of
Resident
Scholars*

Scholars are expected to reside in the graduate hall, to attend all college functions and to assist in the conduct of examinations. It is understood that they will uphold the college standards of scholarship and conduct and conform to the Self-Government regulations.

STUDENTS' LOAN FUND

*Students'
Loan Fund*

The Students' Loan Fund of the Alumnae Association of Bryn Mawr College was founded by the Class of 1890 for the use of students who need to borrow money in order to continue their college work and for the purpose of receiving contributions, no matter how small, from those who are interested in helping students to obtain an education. The Fund is managed by a committee consisting of the President of the College and the Alumnae Scholarships and Loan Fund Committee.

The Committee in administering this money follows a definite policy, designed to serve the best interests of the students concerned. Loans may be used for any purpose approved by the Committee and the borrowing of small sums to relieve undue financial pressure, or to meet special emergencies, is strongly recommended. As a rule, money is not loaned to Freshmen. The terms under which money is loaned are as liberal as is consistent with business-like principles. Interest, which begins with the date of graduation, is at the rate of four per cent. Payment of the loan must be made in five years according to the following system: ten per cent in each of the first two years; fifteen per cent each in the third and fourth years; fifty per cent in the fifth year. At the discretion of the Committee exceptions are made in special cases, for example, that of a student working for a higher degree, to both the five-year limit and the date of the first interest charge.

Contributions may be sent to the chairman of the Scholarships and Loan Fund Committee, Alumnae Office, Taylor Hall, Bryn Mawr, Pa. Application blanks may be obtained from the Alumnae Office on the third floor of Taylor Hall by students who wish to borrow from the Loan Fund.

THE BUREAU OF RECOMMENDATIONS

The college conducts a Bureau of Recommendations which assists students, alumnae and former undergraduate and graduate students by securing recommendations from their professors and forwarding these to individuals or agencies to whom they may apply for positions. It is not primarily a bureau of employment or appointments, although it is often instrumental in putting individuals directly in touch with positions. The bureau also helps graduate and undergraduate students to find summer work. A series of vocational lectures and conferences is conducted each year. The services of the bureau are given free of charge to students, alumnae and former students of Bryn Mawr College.

COURSES OF STUDY

Graduate courses, which are open only to graduate students, are offered in Comparative Philology and Linguistics, Greek, Latin, English Philology, including Anglo-Saxon, Early and Middle English, English Literature, Modern and Old French, Italian, Spanish, German Literature, Gothic, Teutonic Philology, Old Norse, Old High German, Middle High German, Old Saxon, Biblical Literature, History, Economics and Politics, Social Economy and Social Research, Philosophy, Psychology, Education, Classical Archæology, History of Art, Music, Mathematics, Physics, Physical and Organic Chemistry, Geology, Mineralogy, Palæontology, Morphology and Physiology.

*Graduate
Courses*

Advanced undergraduate courses to which graduate students are admitted are offered in all departments.

REGULATIONS

Lists of approved major and allied subjects for all departments will be found in the Regulations of the Academic Council.

Regulations

Books needed by the graduate students are collected in the seminary library of each department.

Biblical Literature

PROFESSOR:

HENRY JOEL CADBURY, Ph.D.

GRADUATE COURSES

The work of the department is so arranged that students may specialize in Biblical history and literature or in Hellenistic Greek and the private reading and original research of such students will be directed. Two hours a week of seminary work are offered in each subject and in some cases graduate students may profitably attend the elective courses.

*Graduate
Courses*

Seminary in Critical Readings of the Greek New Testament: Dr. Cadbury.

Two hours a week throughout the year.

(Given in each year)

Philological, historical and exegetical study of selected writings in the Greek Bible and in kindred Hellenistic literature. A knowledge of Greek is required.

Seminary in the Bible: Dr. Cadbury.

Two hours a week throughout the year.

(Given in each year)

The study in successive years of different major literary and historical problems of the Bible, with the modern discussions of them. A knowledge of the original languages is useful but not indispensable.

FREE ELECTIVE COURSES

Full Year Courses.

The Literary History of the Bible: Dr. Cadbury.

Credit: One-half unit.

(Given in 1933-34)

*Free
Elective
Courses*

A general course on the contents of the English Bible (including apocryphal writings) studied from the viewpoint of literary forms and origins and aiming to enable the student to recognize the influence of the Bible on art, literature and other aspects of civilization.

Rapid Reading in the Greek New Testament: Dr. Cadbury.

*Credit: One-half unit.**(Given in each year)*

This course is open to students who have passed the matriculation examination in Greek or attended the elementary course in Greek. It is intended to give a knowledge of Biblical Greek and facility in reading. The course is varied so that it may be pursued through several semesters.

Elementary Hebrew: Dr. Cadbury.

*Credit: One-half unit.**(Given when requested)**1st Semester Course.*

The Religion of Israel: Dr. Cadbury.

*Credit: One-half unit.**(Given in each year)*

The course includes a survey of the development of religious ideas and practices among the Hebrews during the early monarchy, under the influence of the prophets and in the beginning of Judaism.

2nd Semester Course.

The Life and Teaching of Jesus: Dr. Cadbury.

*Credit: One-half unit.**(Given in each year)*

The course is a discussion of the principal problems presented by the gospels for a recovery of an understanding of the career and character of Jesus of Nazareth.

These courses may be elected separately each with one-half unit of credit.

Biology

PROFESSOR:

DAVID HILT TENNENT, Ph.D.

ASSOCIATE PROFESSORS:

MARY SUMMERFIELD GARDINER, Ph.D.

ERNEST WESLEY BLANCHARD, Ph.D.

GRADUATE COURSES

Graduate Courses

Ten hours a week of seminary work and graduate lectures are offered to graduate students of biology accompanied by the direction of private reading, laboratory work and original research. The advanced undergraduate courses of the department may be elected by graduate students. These courses are varied from year to year, so as to form a consecutive course for students who wish to make biology one of the chief subjects of the examination for the degree of Doctor of Philosophy. Such students may specialize either in animal morphology under the guidance of Dr. Tennent or in physiology or biochemistry under the guidance of Dr. Blanchard.

Seminary in Zoölogy: Dr. Tennent.

*Three hours a week throughout the year.**(Given in each year)*

1933-34: Cytology.

The work deals with the anatomy of the cell and the relations and functions of its various structures in unicellular and multicellular organisms. Special attention is given to the phenomena of spermatogenesis and oögenesis and the theories connected therewith.

1934-35: Embryology of Invertebrates.

The work includes a systematic survey of the normal development of invertebrates; of the problems of germinal organization, cleavage and differentiation and a discussion of the bearing of these questions on evolution and inheritance.

Seminary in Physiology: Dr. Blanchard.

*Three hours a week throughout the year.
(Given in 1933-34)*

This course consists of supervised readings, lectures and discussions on selected topics. In order to introduce the student to the methods of physiological research it is recommended that each student undertake some special problem. The advanced course in physiology, or its equivalent, is a prerequisite. A knowledge of the elements of organic, physical, and biochemistry is assumed.

Seminary in Biochemistry: Dr. Blanchard.

*Three hours a week throughout the year.
(Given in 1934-35)*

This course consists of supervised reading, lectures and discussions on selected topics. It provides also pre-research training in laboratory methods. In certain cases a special problem may be undertaken. The advanced undergraduate course or its equivalent is prerequisite. Some knowledge of organic and physical chemistry is assumed.

Laboratory Work: Dr. Tennent and Dr. Blanchard.

There is no regular course of laboratory instruction for graduates. Each student desiring to devote a considerable portion of her time to such work is given an experimental problem for verification or extension. The nature of the work depends in each case on the qualifications of the student.

Biological Journal Club: Dr. Tennent and Dr. Blanchard.

One hour a week throughout the year.

*Journal
Club*

The advanced students and the instructors meet for the presentation and discussion of topics of current biological literature.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

Full Year Courses.

Embryology of Vertebrates: Dr. Tennent.

Credit: One unit.

(Given in 1933-34)

This course consists of lectures, assigned reading and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of Amphioxus, Ascidian, Amia, Lepidosteus, Squalus, Ctenolabrus, Necturus, Rana, Chrysemys, Chick and Pig. At least six hours of laboratory work are required.

Cytology: Dr. Tennent.

Credit: One unit.

(Given in 1934-35)

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation and fertilization. Both plant and animal cells are studied and instruction is given in methods of preparing cytological material for microscopical examination. At least six hours of laboratory work are required.

Theories of Heredity: Dr. Gardiner.

Credit: One unit.

(Given in 1933-34)

This course presents a survey of the experimental work upon heredity and includes a consideration of Mendelism and subsequent theories of inheritance. There are two lectures a week; the remainder of the student's time is divided between laboratory work covering a study of chromosomes and simple breeding experiments, and reading assignments from original papers.

Biochemistry: Dr. Blanchard.

Credit: One unit.

(Given in 1933-34)

This course deals with the simpler aspects of the chemistry of living organisms. The properties and reactions of the substances of biological importance are studied. Under ordinary circumstances it is expected that a student will have had organic chemistry. There are two lectures and six hours of laboratory work per week.

Advanced Physiology: Dr. Blanchard.

Credit: One unit.

(Given in 1934-35)

A study of the vital functions of living organisms from the chemical and physical as well as from the biological standpoint. During the second semester the stress is placed upon mammalian physiology. The laboratory work is planned to develop a knowledge of the technique of physiological experimentation as well as to present the facts in a form in which they may be easily grasped by the student. It is expected, except in special instances, that the student will have had the equivalent of two years of chemistry. There are two hours of lecture and a minimum of six hours of laboratory work per week. Students may, with the permission of the instructor, perform a certain amount of independent investigation.

Chemistry

PROFESSOR:	JAMES LLEWELLYN CRENSHAW, Ph.D.
ASSOCIATE:	NELSON KELLOGG RICHTMYER, Ph.D.
INSTRUCTOR:	EDITH HAMILTON LANMAN, M.A.

GRADUATE COURSES

Graduate Courses

The graduate courses in chemistry consist of lectures upon inorganic, organic and physical chemistry, seminars, reports upon current chemical literature and laboratory work. A reading knowledge of French and German is indispensable.

The lecture courses are varied from year to year to meet the requirements of students and to form a consecutive course for those who wish to make chemistry the major subject in the examination for the degree of Doctor of Philosophy. Such students may specialize either in physical or inorganic chemistry under the direction of Dr. Crenshaw or in organic chemistry under the direction of Dr. Richtmyer.

Chemical Seminary, Physical Chemistry: Dr. Crenshaw.

Two hours a week throughout the year.

(Given in each year)

In the lectures no attempt is made to give a general survey of the subject but certain selected portions of the science are treated in detail and the student is made familiar with problems of current interest. Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The laboratory work consists of physico-chemical measurements.

Inorganic Chemistry: Dr. Crenshaw.

One hour a week throughout the year.

(Given in each year)

The work of the seminary consists of lectures, required reading and reports on various topics. The needs of the individual students are considered in selecting the subjects for discussion.

Chemical Seminary, Organic Chemistry: Dr. Richtmyer.

*One hour a week throughout the year.**(Given in each year)*

This is intended primarily for students who are carrying on research in organic chemistry and consists of reports on assigned topics which are usually related to the research in which the student is engaged.

Graduate Organic Chemistry: Dr. Richtmyer.

*One hour a week throughout the year.**(Given in each year)*

Lectures, reading and occasional reports cover the historical developments and present status of subjects of current interest.

Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The nature of this work depends so largely on the past training of the student that no definite statement can be made regarding it. A sufficiently advanced student may be assigned a problem to investigate.

Chemical Journal Club: Dr. Crenshaw, Dr. Richtmyer and Miss Lanman.

*One hour a week throughout the year.***Journal
Club**

The advanced students and the instructors meet to hear reports and discuss recent scientific articles.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

**Advanced
Courses***Full Year Courses.*

Physical Chemistry: Dr. Crenshaw.

*Credit: One and one-half units.**(Given in each year)*

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

The laboratory work is designed to prepare the students for physico-chemical research. By special arrangement this course may count for more than one and one-half units of credit.

Advanced Organic Chemistry: Dr. Richtmyer.

*Credit: One unit.**(Given in each year)*

The course consists of lectures and assigned reading with occasional reports and laboratory work. During the past year the following subjects received particular emphasis: quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

By special arrangement this course may count for more than one unit of credit.

Inorganic Chemistry: Miss Lanman.

*Credit: One unit.**(Given in each year)*

Selected topics in inorganic chemistry are discussed in detail and parallel reading is required. The laboratory work consists of advanced quantitative analyses. By special arrangement this course may count for more than one unit of credit.

Classical Archæology

PROFESSORS:

RHYS CARPENTER, Ph.D.

MARY HAMILTON SWINDLER, Ph.D.

ASSOCIATE PROFESSOR:

VALENTIN MÜLLER, Ph.D.

GRADUATE COURSES

Graduate Courses

Three seminars in archæology of two hours a week each throughout the year and a journal club in archæology are offered to graduate students in addition to the undergraduate courses which are open also to graduate students. *A good reading knowledge of both French and German is indispensable* and familiarity with both Greek and Latin, though not required except for candidates for the doctor's degree in archæology, is of the utmost value for graduate work.

In connection with graduate courses the students have access to the collections belonging to the department containing replicas of Greek and Roman coins, facsimiles of gems and seals and a collection of original vase fragments.

The seminars are open only to graduate students who have had some previous training in classical archæology. The order of the subjects may be changed in accordance with the needs of the students.

Archæological Seminary: Dr. Carpenter. *Two hours a week throughout the year.*
(Given in each year)

1933-34: Hellenistic Sculpture.

1934-35: Epigraphical Archæology.

1935-36: Greek Sculpture of the Fifth Century.

Archæological Seminary: Dr. Swindler. *Two hours a week throughout the year.*
(Given in each year)

1933-34: Problems in Greek Vase-Painting.

1934-35: Ancient Painting. Some phase of painting in ancient times will be the subject of the seminary.

Archæological Seminary: Dr. Müller. *Two hours a week throughout the year.*
(Given in each year)

1933-34: Interrelations between Oriental and Mediterranean Art.

Journal Club

Archæological Journal Club: Dr. Carpenter, Dr. Swindler and Dr. Müller. *One and a half hours a fortnight throughout the year.*

The graduate students and the instructors meet for the presentation and discussion of topics of current archæological literature.

ADVANCED UNDERGRADUATE COURSE

Advanced Course

Full Year Course.

Ancient Architecture: Dr. Müller.

Credit: One unit.

1st Semester.

During the first semester the introductory lectures deal with Egyptian, Babylonian, Assyrian, Persian and Ægean building. The remainder of the semester is devoted to a detailed study of the principles and practice of Greek architecture until late Hellenistic times. Emphasis is laid on architectural evolution and its connection with the civilization of the period.

2nd Semester.

During the second semester the Architecture of Rome and the Roman Empire down to the late Imperial times are studied.

Comparative Philology and Linguistics

This department is under the joint direction of the professors in charge of philological work in the language departments. Comparative Philology and Linguistics may be offered as an allied subject but not as a Major subject for the Ph.D. Graduate students in the language departments, if so directed by the department of major work, may take any of the courses listed below and count them as a part of their philology in the major department. Undergraduate preparation entitling a student to do graduate work in any of the language departments will entitle her to work in this department.

The following courses are offered:

Old and Middle Irish: Dr. Mezger. *Two hours a week during one semester.*
(Given in 1933-34)

Comparative grammar of Old Irish. Interpretation of texts. For students of comparative philology or such as want to read the tales of the Cuchulinn and Finn cycles.

Introduction to Indo-European Linguistics: Dr. Mezger.
Two hours a week during one semester.
(Given in 1933-34)

After a general introduction to linguistic science, the relations of the principal languages of the Indo-European group will be studied with respect to sounds, inflection, syntax and word-formation. One dialect (preferably Lithuanian or Church Slavonic) will be dealt with more closely.

Sanskrit: Dr. Mezger. *Two hours a week during one semester.*
(Given in 1934-35)

Sounds and forms of Sanskrit are studied on a comparative basis.

Old and Middle Welsh: Dr. Mezger. *Two hours a week during one semester.*
(Given in 1934-35)

Comparative grammar. Reading of the Mabinogion.

The following courses are described in the announcements of the several language departments, but may also be offered as a part of the work in Comparative Philology:

ENGLISH PHILOLOGY

Old English.	<i>Two hours a week throughout the year.</i>	Graduate Courses
Middle English.	<i>Two hours a week throughout the year.</i>	
English Historical Grammar.	<i>Two hours a week throughout the year.</i>	

ROMANCE PHILOLOGY

Introduction to Old French Philology.	<i>Two hours a week throughout the year.</i>
Old Italian.	<i>Two hours a week throughout the year.</i>
Spanish Philology and Old Spanish Readings.	<i>Two hours a week throughout the year.</i>

GERMANIC PHILOLOGY

Old Norse.	<i>Two hours a week throughout the year.</i>
Seminary in Germanic Philology.	<i>Two hours a week throughout the year.</i>
Introduction to Germanic Philology.	<i>Two hours a week throughout the year.</i>
Old Saxon and Old Frisian.	<i>Two hours a week throughout the year.</i>

(Not given in 1933-34)

Economics and Politics

PROFESSORS:	MARION PARRIS SMITH, Ph.D.
	CHARLES GHEQUIERE FENWICK, Ph.D.
	ROGER HEWES WELLS, Ph.D.

GRADUATE COURSES

Graduate Courses

Two or three seminars are offered each year in addition to the direction of private reading and original research. Advanced undergraduate courses which may be elected by graduate students are also given in each year. Students may offer economics or politics as their major subject for the degree of Doctor of Philosophy.

Seminary in Economics: Dr. Marion Parris Smith.

*Two hours a week throughout the year.**(Given in each year)*

The object of the seminary is to train students in the methods of research and in the organization of material. Through short reports and longer papers, members of the seminary are given practice in using original sources and in critical study of secondary sources. The seminary discussion is supplemented by occasional lectures. Each student receives individual direction according to her particular needs and interests. The graduate studies pursued in the seminary are designed to assist in fulfilling the requirements for the higher degrees, in qualifying the student for teaching or further research in economics and in preparing for various government civil service examinations.

1933-34: Industrial Revolution.

1934-35: Modern Problems of Distribution.

1935-36: Economic Thought in the Nineteenth Century.

Seminary in Politics: Dr. Fenwick.

*Two hours a week throughout the year.**(Given in each year)*

The methods of the seminary are designed to guide advanced students in special research work along the lines indicated by the titles of the courses. Some lectures are given but the main attention is devoted to the presentation and criticism of the results of studies made by the students themselves.

1933-34: The Constitutional Law of the United States.

1934-35: International Law.

1935-36: Constitutional Questions Involved in Modern Economic and Social Problems.

Seminary in Politics or Economics: Dr. Wells.

*Two hours a week throughout the year.**(Not given in 1933-34)*

1934-35: Municipal Political and Economic Problems.

1935-36: Comparative Government and Administration.

1936-37: The History of Western Political Thought.

Economics and Politics Journal Club: Dr. Marion Parris Smith, Dr. Fenwick and Dr. Wells.

Journal Club

Two hours once a fortnight throughout the year.

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussion, comment and criticism.

ADVANCED UNDERGRADUATE COURSE

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges, graduate students frequently find it advisable to elect some of these courses.

Advanced Courses

Full Year Course.

Political and Economic Problems: Dr. Wells.

Credit: One unit.

(Given in 1933-34)

(This course is open only to students who have completed the first and second year courses in economics or in politics.)

The object of this course is to give advanced students training in the use of source material for studies in political and economic problems and in research methods useful for graduate or professional studies. The topics studied will vary from year to year according to the needs and interests of the students in the class, or as political and economic problems become centers of public attention.

FREE ELECTIVE COURSE

Full Year Course.

Elements of Law: Dr. Fenwick.

Credit: One-half unit.

(Given in 1933-34)

The object of this course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The topics covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property and the chief forms of procedure. The lectures are supplemented by a study and discussion of court cases bearing on the subject.

Free Elective Course

Education

PROFESSOR: AGNES LOW ROGERS, Ph.D.
 ASSOCIATE PROFESSOR: ILSE FOREST, Ph.D.
 INSTRUCTOR: E. LOUISE HAMILTON, Ph.D.

The department offers graduate courses designed to meet the needs of two types of students—graduate students who desire to qualify for a teacher's certificate and graduate students who have had sufficient undergraduate training in education to qualify them for graduate work leading to a higher degree.

The degree of Master of Arts in Education and the degree of Doctor of Philosophy in Education are open to graduates of all colleges of high standing under the general conditions prescribed for these degrees.

Students offering themselves as candidates for these degrees in Education must have studied in undergraduate courses: Psychology for 10 semester hours; Principles of Education for 4 semester hours; Sociology, Statistics or Education singly or in any combination for 6 semester hours.

GRADUATE COURSES

Graduate Courses

Six hours a week of seminary work are offered in each year to graduate students of education.

The Department of Education maintains a clinic for the mental and educational examination of school children. It offers psychological service to the schools of the vicinity.

The clinic is housed in a building behind Cartref where rooms have been equipped for the individual examination of pupils and for remedial work with pupils. There is a laboratory for the statistical work involved in school service carried on by the department. In addition to intensive studies of individual children who are failing with school work, testing programs have been carried through in schools and complete psychological service has been supplied to one large school. The clinic is prepared to extend this service to other schools. In the clinic there is a collection of tests for these purposes together with measurement devices of all types. It is equipped also with remedial materials.

A selection from the following seminaries will be given in accordance with the need and preparation of the students.

Seminary in Mental Measurement: Dr. Rogers.

Two hours a week throughout the year.

This seminary is devoted to the critical investigation of specific problems in the field of mental measurement.

Seminary in Educational Psychology: Dr. Rogers.

Two hours a week throughout the year.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers.

Three hours a week throughout the year.

This seminary gives training in the diagnosis of educational difficulties at all levels and practical experience in giving remedial treatment. Critical study is made of the diagnostic and remedial methods now in use. The seminary is recommended to students preparing for work in child guidance clinics, in child welfare and as school supervisors, visiting teachers and school counselors.

Seminary in Psychology of Speech: Dr. Rogers.

Two hours a week throughout the year.

This seminary gives a systematic presentation of the psychology of speech, the physiological basis of speech, speech defects and methods of correction.

Seminary in Advanced Principles of Education: Dr. Forest.

Two hours a week throughout the year.

This seminary is organized to give students experience in recognizing and solving in actual practice some of the problems inherent in teaching their major subject to high school and elementary school pupils. The work includes a study of child development and behavior in direct relation to problems of curriculum making and classroom method. The seminary is planned with special reference to the needs of students taking their first year of graduate study in education.

Seminary in Principles of Education: Dr. Forest.

Two hours a week throughout the year.

This seminary is devoted to the study of modern educational theory and to a consideration of the issues involved in actual and proposed solutions of present educational

problems. Practical problems of curriculum, method and school administration directly in line with the interests of individual students will be discussed in the seminary and will, in so far as possible, determine the content of the theoretical readings in the philosophy of education. The content of the seminary will vary from year to year according to the preparation of the students.

Journal Club in Education: Dr. Rogers, Dr. Forest and Dr. Hamilton.
Two hours once a fortnight throughout the year.

Journal Club

The instructors and students meet to report on and discuss recent reviews and articles and the results of special investigations are presented for comment and criticism.

FREE ELECTIVE COURSES

Full Year Courses.

Mental and Educational Measurement; *Credit: One unit.*
Laboratory Work: Dr. Rogers.

Free Elective Courses

(Given in each year)

A broad survey of the aims, methods and results of mental measurement in education at various levels.

Major Topics: significance of the testing movement. Available tests and scales, critical evaluation of tests; technique of administering tests, methods of scoring and interpreting results, use of results in classification of pupils and other problems.

It prepares the student for more specialized practical work in the application of tests in educational problems, vocational guidance, etc. This course is open to students who have taken the second year undergraduate course in Mental Tests and Measurements or its equivalent.

Child Psychology: Dr. Forest. *Credit: One unit.*

(Given in each year)

This course deals with the psychological aspect of child development. A study is made of the mental and emotional characteristics of growing children, with special reference to the problems of training and guidance arising at various age levels.

Principles of Education: Dr. Forest. *Credit: One unit.*

(Given in each year)

1st Semester.

This course treats of the principles basic to educational procedure. During the first semester the origin and significance of present controversies in education is presented through a study of the rise and development of educational institutions.

2nd Semester.

During the second semester special emphasis is placed upon the philosophy and the practice of modern progressive schools.

English

PROFESSORS: LUCY MARTIN DONNELLY, A.B.
SAMUEL CLAGGETT CHEW, Ph.D.
ASSOCIATE PROFESSORS: STEPHEN JOSEPH HERBEN, Ph.D.
CLARA MARBURG KIRK, Ph.D.
ASSOCIATE PROFESSOR OF GERMAN: FRITZ MEZGER, Ph.D.
ASSOCIATE: ENID GLEN, Ph.D.

GRADUATE COURSES

Six seminaries are offered each year in English literature and language, accompanied by the direction of private reading and original research. *Graduate Courses*

These seminaries are varied from year to year so as to enable candidates for the degree of Doctor of Philosophy to pursue graduate work for three or more successive years.

Each seminary meets for one session of two hours weekly.

Seminary in English Literature: Miss Donnelly.

Two hours a week throughout the year.

(Given in each year)

1933-34: Pope and Swift.

1934-35: Age of Johnson.

1935-36: Problems in Eighteenth Century Literature.

Seminary in English Literature: Dr. Chew.

Two hours a week throughout the year.

(Given in each year)

1933-34: Romanticism.

1934-35: Victorian Literature.

1935-36: Tudor and Stuart Drama.

Seminary in English Literature: Dr. Glen.

Two hours a week throughout the year.

(Given in 1933-34)

Seventeenth Century Poetry: Donne, His Contemporaries and Successors.

Seminary in Old English: Dr. Herben. *Two hours a week throughout the year*

(Given in each year)

This seminary is open to graduate students who have already taken the course in Old English grammar and reading of Old English, or its equivalent.

1933-34: Old English Christian Poetry.

1934-35: *Beowulf* and The Old English Lyrics.

Seminary in Middle English: Dr. Herben.

Two hours a week throughout the year.

(Given in each year)

1933-34: Chaucer.

1934-35: Middle English Romances.

Seminary in Philology: Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

1933-34: English Historical Grammar.

1934-35: Introduction to Germanic Philology.

*Journal
Club*

Journal Club: Miss Donnelly, Dr. Chew, Dr. Herben, Dr. Kirk,
Dr. Mezger and Dr. Glen.

One and one-half hours in alternate weeks throughout the year.

ADVANCED UNDERGRADUATE COURSES

Full Year Courses.

*Advanced
Courses*

English Literature from Dryden to Johnson: Miss Donnelly.

Credit: One unit.

(Given in each year)

Dryden, Swift, Pope, Addison, Johnson and other writers are studied in connection with the development of classicism. Reports are required from each student.

English Critics of the Nineteenth Century: Miss Donnelly.

*Credit: One unit.**(Given in 1934-1935)*

Carlyle, Ruskin, Arnold, Pater and other writers are studied with regard to their theories of criticism and their influence upon the thought of their time. Reports are required from each student.

Tudor and Stuart Drama: Dr. Chew.

*Credit: One unit.**(Given in 1934-35)*

A review of the earlier periods of the drama is followed by more detailed study of the dramatists from Lyly and Marlowe to Ford and Shirley. The lectures deal in part with aspects of contemporary life as reflected in the drama. Reports are required from each student.

Elizabethan Drama: Dr. Glen.

*Credit: One unit.**(Given in 1933-34)*

The course is mainly a detailed study of the plays of Shakespeare. The predecessors are briefly reviewed and some time is devoted to Jacobean dramatists whose work is important for an understanding of Shakespeare. Reports are required from each student.

Old English Literature; Beowulf: Dr. Herben.

*Credit: One unit.**(Given in 1933-34 and again in 1935-36)*

The first part of the course is devoted to an outline of Old English grammar. Graded selections of Old English prose and poetry are read, followed by the *Beowulf* entire.

Private Reading.

Credit: One-half unit.

For students who elect English as a major. Reading under direction to supplement the regular courses for which a time allowance is made. Occasional conferences are held.

FREE ELECTIVE COURSES

*Full Year Courses.*English Poetry from Arnold to Bridges: Dr. Chew. *Credit: One-half unit.**(Given in 1934-35)*

Arnold, Clough, Thomson; the Pre-Raphaelite Movement, Morris, Swinburne; Meredith, Hardy; and later developments such as the Celtic Poets, the Imperialists and the "Decadents." A report is required from each student in each semester.

The Modern Novel: Dr. Kirk.

*Credit: One-half unit.**(Given in 1933-34)*

A study of the novel in England and America from Dickens and Thackeray to the present time.

Criticism: Dr. Kirk.

*Credit: One-half unit.**(Given in each year)*

Discussion of the principles of criticism; practice in writing articles and reviews.

**Free
Elective
Courses**

French

PROFESSOR AND DEAN OF THE GRADUATE SCHOOL:	EUNICE MORGAN SCHENCK, Ph.D.
NON-RESIDENT PROFESSOR:	GRACE FRANK, A.B.
ASSOCIATE PROFESSORS:	JEAN M. F. CANU, <i>Agrégé.</i> *MARGARET GILMAN, Ph.D.
ASSOCIATE:	†MADELEINE SOUBEIRAN, <i>Agrégée.</i>
LECTURER:	ADRIENNE CAROLINE GOBERT, <i>Licenciée-ès-lettres, Docteur en droit.</i>
INSTRUCTOR:	BERTHE-MARIE MARTI, M.A.

GRADUATE COURSES

*Graduate
Courses*

Nine hours a week of seminary work and graduate lectures are offered each year to graduate students of French, accompanied by the direction of private reading and original research. The courses, covering the field of Old and Modern French Language and Literature, are arranged to form a triennial cycle. The work of each year centers about one main topic to be studied as a part of the history of French literature in its various relations to the general literature and civilization of the period concerned. Students may enter a seminary in any year and pursue it during three or more consecutive years.

Seminary in French Literature of the Eighteenth and Nineteenth Centuries: Dr. Schenck.

Two hours a week throughout the year.

(Given in each year)

1933-34: Flaubert.

1934-35: Theories of French Romanticism.

1935-36: French Drama of the Eighteenth Century.

Seminary in the Literature and Historical Background of the Sixteenth and Seventeenth Centuries: Mr. Canu and Miss Soubeiran.

Two hours a week throughout the year.

(Given in each year)

1933-34: The Preparation of Classicism and Its Historical Background: Mr. Canu.

1st Semester.

The Evolution of the French Language in the Classical Period: Miss Soubeiran.

2nd Semester.

1934-35: The Beginnings of the Reformation and the Renaissance in France (1494-1547).

1935-36: The Development of the Reformation and the Renaissance in France (1547-1598).

Seminary in Mediæval French Literature: Mrs. Frank.

Two hours a week throughout the year.

(Given in each year)

1933-34: The Dramatic Literature of Mediæval France.

1934-35: The Lyric, including the Courtly Lyric of Provence.

1935-36: Old French Narrative Poetry as represented by the *Chansons de Geste* and the *Romans Courtois*.

* Granted leave of absence for Semester II of the year 1933-34.

† Granted leave of absence for Semester I of the year 1933-34.

Introduction to Old French Philology: Mrs. Frank.

Two hours a week throughout the year.

(Given in each year)

This course is equivalent to a full seminary and counts as such.

Romance Languages Journal Club: Dr. Schenck, Dr. Gillet, Mrs. Frank, Dr. Gilman,* Mr. Canu, Dr. Lograsso, Miss Soubeiran, † Dr. Gobert and Miss Marti. *Journal Club*

One and one-half hours a fortnight throughout the year.

The journal club is intended to acquaint the students with the results of contemporary research in the Romance languages and literature.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Studies in the Literature and Historical Background of the Seventeenth Century: Mr. Canu and Dr. Gobert. *Credit: One unit.*

(Given in 1933-34)

Introduction to Mediæval Literature and Philology: Miss Marti.

Credit: One unit.

(Given in 1933-34)

French Lyric Poetry Since 1850: Dr. Gilman.

Credit: One unit.

(Given in 1934-35)

This course is conducted according to the method of the "Explication de Textes" used in the French universities.

Studies in the Literature and Historical Background of the Sixteenth Century: Mr. Canu and Miss Soubeiran. *Credit: One unit.*

(Given in 1934-35)

FREE ELECTIVE COURSE

Modern Tendencies in French Literature: Dr. Schenck.

Credit: One-half unit.

(Given in each year)

Free Elective Course

Lectures, class discussion and reports are in English; the reading in connection with the course is in French.

Only those students will be admitted who have completed the course in First Year English Literature or the second year course in French Literature.

Geology

ASSOCIATE PROFESSOR: EDWARD H. WATSON, Ph.D.

ASSOCIATES: A. LINCOLN DRYDEN, JR., Ph.D.

DOROTHY WYCKOFF, Ph.D.

GRADUATE COURSES

The graduate courses in geology consist of lectures, reports and laboratory work in the general fields of petrologic and stratigraphic geology. They

Graduate Courses

* Granted leave of absence for Semester II of the year 1933-34.

† Granted leave of absence for Semester I of the year 1933-34.

are intended for students who have had undergraduate courses in general geology, paleontology and mineralogy. A reading knowledge of French and German is necessary.

All of the courses listed below will not be given in any one year, and their content may vary somewhat to meet the interests and requirements of the students. In general, work in petrology and mineralogy will be under the supervision of Dr. Watson and work in stratigraphy and sedimentation under Dr. Dryden. The main purpose of all of the seminars given is to focus the attention of the students on independent work of their own, preferably that leading to the doctor's degree.

For students wishing to specialize in petrology or mineralogy courses in general chemistry, general physics and physical chemistry are desirable; for those specializing in stratigraphy or sedimentation, general biology and general chemistry are desirable.

Seminary in Petrology;

Laboratory Work: Dr. Watson.

Three hours a week throughout the year.

(Given in each year)

Three lectures will be given weekly. The selection of subjects will be dependent somewhat on the interests of the students and may be varied from year to year. In general, they will include the petrology of the igneous rocks, their structure, physical chemistry and theories of origin. Regional studies will be made, and formal reports given by the students. The laboratory work will consist of the application of petrographic methods to the crystalline rocks, including the use of the Federov stage, microchemical tests, and immersion methods. Also, systematic examination will be made of the extensive rock and thin-section collections of the department.

Seminary in Sedimentation or Stratigraphy: Dr. Dryden.

Three hours a week throughout the year.

(Given in each year)

Lectures in sedimentation will be subordinated to laboratory procedure and personal investigation. The work will fall under three heads:

(1) Mechanical analysis of sediments: the theory of elutriation, theory and practice of analysis by sifting, and the application of the results so obtained to correlation, processes of sedimentation, and paleo-geography.

(2) Study of detrital minerals: methods of separation, microscopic study of heavy residues, and application to correlation and questions of provenance.

(3) A general consideration of the utility of sedimentary studies in general geology and to detailed zoning of formations. Optical mineralogy is prerequisite to this course.

The lectures in stratigraphy will be devoted to regional geology and correlation, with especial reference to North America. Certain areas will be studied in detail by synthesizing geologic literature pertaining thereto. Newer methods of work, involving differentiation of very small units, will be included. Reports and conferences will be considered an integral part of the course.

Seminary in Metamorphism: Dr. Wyckoff.

Two hours a week throughout the year.

(Given in alternate years)

The course will be conducted by means of lectures, reports by students, and informal discussions, dealing with the materials and classification of metamorphic rocks, and with the processes of metamorphism. In the laboratory various types of metamorphic rocks will be studied under the microscope.

Prerequisites for the course are general chemistry, determinative and optical mineralogy.

Geological Journal Club: Dr. Watson, Dr. Dryden and Dr. Wyckoff.

Two hours once a fortnight throughout the year.

**Journal
Club**

The graduate students and the instructors meet for the presentation and discussion of recent geological literature.

ADVANCED UNDERGRADUATE COURSES

Certain of the advanced undergraduate courses are designed to give a general training in geology, whereas others provide special training for independent work. All of the courses listed are not given in any one year and the contents of some of them may be varied to meet the interests and training of the students.

**Advanced
Courses**

Full Year Courses.

Advanced General Geology: Dr. Watson, Dr. Dryden, Dr. Wyckoff.

Credit: One unit.

This course is open to students who have had the first and second year geology. Students who have had only the first year course may be admitted at the discretion of the department. It is intended to give a broader conception of the science of geology as a whole than can be gained from the more specialized courses that are offered by the department. Many of the topics introduced in First Year Geology are reconsidered in a more fundamental way, the chief emphasis being laid upon the theories underlying modern research methods in geology, and upon the relation of all these fields of research to each other and to other sciences.

Topics such as the following may be considered in the course: isostasy and mountain building; continental drift; radioactivity and geology; the nature and origin of rocks; the distribution of mineral deposits; evolution in geologic time; geologic climates; the problems of petroleum; methods of correlation in geology; seismology and the character of the earth's interior.

Each member of the department will conduct that part of the course which lies within his own field of work.

Optical Mineralogy: Dr. Wyckoff.

Credit: One and one-half units.

Two lectures and eight hours of laboratory weekly.

The first part of the course is devoted to lectures and laboratory work on the optical properties of crystals, the theory of the petrographic microscope and the elements of petrographic methods. This is followed by a discussion of the constitution of the silicates, as indicated by their chemical composition, and their crystalline structure as revealed by the use of x-rays. In the latter part of the course, a systematic discussion of the silicates is given, with particular emphasis on their chemistry and optical properties. The laboratory work deals with the determinative mineralogy of the silicates, especially by optical methods. Practice is given in the determination of crushed material by the immersion method, and in the study of thin sections of rocks.

Crystallography and determinative mineralogy are prerequisite to this course.

Physiography: Dr. Dryden.

Credit: One unit, or one-half unit.

Laboratory work: Dr. Dryden and Miss Best.

Three lectures and one afternoon of laboratory a week. Special emphasis is placed on a study of the physiographic provinces of the United States. The basis of this study, however, is the general areal geology of the regions discussed, and their physiography will be considered as surface expression of the underlying formations, as modified by constructive and destructive processes. Regular reports on general geology, structure, glaciation, etc., are an important part of the work. Physical and historical geology are prerequisite to this course.

Field Methods in Geology: Dr. Watson, Dr. Dryden, Dr. Wyckoff.

Credit: One unit, or one-half unit.

Two lectures and one afternoon period will be given weekly. The methods of geologic surveying and mapping, with the interpretation of field structures, will be considered. In the spring and fall actual problems in the field will be undertaken, including plane-table surveying.

German

ASSOCIATE PROFESSORS:	FRITZ MEZGER, Ph.D. MAX DIEZ, Ph.D.
ASSOCIATE:	MYRA RICHARDS JESSEN, Ph.D.
LECTURER:	Appointment to be announced.

GRADUATE COURSES

Graduate Courses

Three or four seminars of two hours a week each throughout the year are offered to graduate students of German Literature and Germanic Philology. In addition individual students will be directed in special work by means of private conferences. The subjects or the order of the subjects may be changed in accordance with the needs of the students.

Seminary in German Literature: A Lecturer to be appointed.

Two hours a week throughout the year.

(Given in each year)

1933-34: History of the German Novel.

1934-35: Goethe and Schiller.

GERMANIC PHILOLOGY

The English and the German departments together have provided for a complete course in Germanic Philology, comprising both the study of the individual languages (Gothic, Norse, Anglo-Saxon, Old Saxon, Old High German, Middle High German, Middle Low German, etc.) and the study of general Comparative Philology.

Students intending to elect Germanic Philology are advised to study Greek for at least one year during their undergraduate course.

Old Norse: Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

1933-34: Edda.

1st Semester.

The Family Saga and the Fornaldar Saga.

2nd Semester.

Old Saxon and Old Frisian: Dr. Mezger. *Two hours a week throughout the year.*

(Not given in 1933-34)

This seminary is given when no seminary in Comparative Philology is given.

Introduction to Germanic Philology: Dr. Mezger.

(Given in 1934-35)

Gothic and West Germanic sounds and inflection are studied on a comparative basis.

Seminary in Germanic Philology: Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

Open to students who have had at least one year of Germanic or Indo-European philology.

1933-34: Walther von der Vogelweide und die Dichter des Minnesangs. *1st Semester.*

Studies in semantics and word formation.

2nd Semester.

1934-35: Studies in Comparative Germanic Philology: Syntax and Word-formation; Problems of Word-Geography based on a comparative study of Tatian and Wulfila and of Tatian and the West Saxon Gospels.

1935-36: Studies in the History of the German Language. Interpretation of Old High German, Middle High German and Old Saxon Texts. Topics in Old High German and Middle High German Literature.

German Journal Club: Dr. Diez, Dr. Mezger and Dr. Jessen.

*Journal
Club*

One and one-half hours once a fortnight throughout the year.

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussion, comment and criticism.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Full Year Course.

Germanic Philology and Literature: Dr. Mezger. *Credit: One unit.*

(Given in 1933-34)

1st Semester.

Introduction to German Philology.

2nd Semester.

Middle High German Literature.

During the second semester Wolfram von Eschenbach, Gottfried von Strassburg, Hartmann von Aue, Walther von der Vogelweide and Nibelungenlied will be studied.

Full Year Courses.

German Literature from "Realismus" to "Neue Sachlichkeit": Dr. Mezger. *Credit: One unit.*

(Given in 1934-35)

Selected works of Keller, Meyer, Storm, Thomas Mann, Stehr; Hauptmann, George, Rilke and Werfel will be read. The main trend of modern German thought will be studied.

The German Drama: Dr. Jessen. *Credit: One unit.*

(Given in 1933-34)

The German "Novelle": Dr. Jessen. *Credit: One unit.*

(Given in 1934-35)

The German Lyric and Ballad: Dr. Jessen. *Credit: One unit.*

(Given in 1935-36)

Advanced Composition: Dr. Jessen. *Credit: One-half unit.*

(Given in 1934-35, or in other years if desired)

Greek

PROFESSORS:

HENRY NEVILL SANDERS, Ph.D.

RHYS CARPENTER, Ph.D.

GRADUATE COURSES

Six hours a week of seminary work are offered each year to graduate students of Greek, accompanied by the direction of private reading and original research.

The graduate courses in Greek are varied from year to year in two series, Attic Tragedy, Orators and Historians; the Homeric Question,

Plato, Aristophanes and Greek Sophists, in order that they may be taken in consecutive years. A large part of the work expected of graduate students consists of courses of reading pursued under the direction of the department and reports on this reading are from time to time required of the students. A reading knowledge of French and German is required. The course in Comparative Philology is recommended to graduate students of Greek. For graduate courses in Classical Archæology, which may be offered as an associated or independent minor by students taking Greek as a major for the degree of Doctor of Philosophy, see page 48.

Graduate Courses

Greek Seminary: Dr. Sanders.

Three hours a week throughout the year.

(Given in each year)

1933-34: Greek Orators.

The work consists of the reading of large portions of all the orators and the critical interpretation of a selected part of each. Lectures are given on legal antiquities, the syntax and the style of the various authors, in conjunction with which Dionysius of Halicarnassus and the Greek rhetoricians are studied. The later rhetoricians are treated and their criticisms of antiquity investigated. Students are expected to provide themselves with the Teubner text editions of Antiphon, Andocides, Lysias, Isocrates, Iæsus, Æschines, Hypereides and Demosthenes. The classical library is well equipped with works on the orators.

1934-35: Attic Tragedy.

The work of the seminary in textual criticism is devoted to Sophocles. Members of the seminary report on assigned subjects and give critical summaries of current classical literature.

1935-36: Greek Historians.

Thucydides is studied in detail and reports are made on data of history contained in Greek literature in general. Lectures are given by the instructor on subjects connected with Greek historiography, such as the composition of Thucydides' history, the syntax and style of Thucydides, the history of early prose, Greek historical inscriptions.

Greek Seminary: Dr. Carpenter.

Two hours a week throughout the year.

(Given in each year)

1933-34: The Homeric Question.

The work consists of a review of the discussions of the Homeric question since the publication of Wolf's *Prolegomena*. The various tests that have been applied to the poems by archæologists, linguists, historians of myths and æsthetic critics are taken up and criticized in detail.

Journal Club

Greek Journal Club: Dr. Sanders and Dr. Carpenter.

One and one-half hours once a fortnight throughout the year.

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges, graduate students frequently find it advisable to elect some of these courses. The value of each course is one-half unit.

Attic Tragedy;

Plato;

Pindar and Bacchylides;

Pindar;

Attic Orators;

Melic Poets;

Historians;

Homer;

Rhetoricians: Dr. Sanders.

Lucian: Dr. Carpenter.

History

PROFESSORS:	HOWARD LEVI GRAY, Ph.D. WILLIAM ROY SMITH, Ph.D. CHARLES WENDELL DAVID, Ph.D.
DEAN OF THE COLLEGE:	HELEN TAFT MANNING, Ph.D.
ASSOCIATE PROFESSOR OF LATIN:	THOMAS R. S. BROUGHTON, Ph.D.
ASSOCIATE:	CAROLINE ROBBINS, Ph.D.

GRADUATE COURSES

Graduate Courses

Apart from the direction of private reading and original research, seminaries and graduate courses in Mediæval and Modern European History and in American History are offered to graduate students. European History or American History may be offered as a major subject for the degree of Doctor of Philosophy.

Seminary in Mediæval and Modern European History: Dr. Gray.

Two or three hours a week throughout the year.

(Given in each year)

1933-34: Topics in the History of England from 1250 to 1450.

Among these are national resistance to papal encroachments, the military, financial and legal innovations of Edward I, the causes of the Hundred Years War, the conduct of the war by Edward III, the role of Italians and Hansards in English economic life, the rise of the woolen industry and of a native merchant class, the consequences of the Great Pestilence, the doctrines advocated by Wycliffe, the Council of Constance, the loss of English possessions on the Continent and the development of Parliament.

1934-35: Topics in the History of England from 1450 to 1600.

Among these are the significance of the War of the Roses, the reconstructed administration of Yorkists and Tudors, the agrarian and industrial problems of the sixteenth century, new international ambitions after 1485, the renunciation of papal authority by the English church, the consequent dogmatic and social changes, the maintenance of Protestantism under Elizabeth, commercial rivalry with Spain and the defeat of the Armada.

1935-36: Topics in the History of Europe since 1870.

Among these are the Bismarckian system, the rise of the third French Republic, the development of industrial England, the policy of the Tsars, the genesis and progress of the World War, the treaty of Versailles and the problems of post-war Europe.

Seminary in American History: Dr. William Roy Smith.

Two hours a week throughout the year.

(Given in each year)

1933-34: The Colonial Period.

The course begins with a brief survey of the European background and the period of discovery and then deals more fully with the origins of the English continental colonies, the expansion of the frontier, the intercolonial wars and the relations with the mother country before 1763.

1934-35: The Revolution, the Confederation and the Constitution.

American history from 1776 to 1789 is discussed primarily from the local point of view as a step in the conflict between the seaboard aristocracy and the democracy of the frontier. The social and economic forces which led to the adoption of the Federal Constitution and the subsequent formation of national political parties are investigated.

1935-36: The Civil War and Reconstruction.

Special stress is laid upon the social, economic and political reorganization of the South, the North and the West and also of the nation as a whole during the period from 1861 to 1877.

Seminary on the Age of the French Revolution: Dr. David.

*Two or three hours a week throughout the year.**(Given in 1933-34)*

The subject matter of the course is chosen with reference to the needs and interests of the students who take it, the principal emphasis usually being placed upon France, but sometimes upon England. Topics are selected with a view to illustrating different kinds of historical problems and gaining an acquaintance with the principal printed sources and secondary works and extending the student's knowledge of the whole era from about 1750 to 1815. Attention is paid to social and economic as well as to political problems. The intellectual background of the revolutionary and reform efforts is also considered.

Graduate Course in Historical Bibliography and Criticism and the Auxiliary Sciences: Dr. David.

*Two or three hours a week throughout the year.**(Given in 1934-35)*

This graduate course should be elected by all students who are preparing themselves for the Ph.D. degree with History as a Major.

The principal subjects studied are historical bibliography, historical criticism, the history of history, and the auxiliary sciences, chronology, palæography, and diplomatics. The course consists of lectures, assigned reading and problem work. Adjustments are made to meet the needs of individual students.

Graduate Course in the Constitutional History of England from earliest times to the Accession of Edward I: Dr. David.

*Two or three hours a week throughout the year.**(Given in 1935-36)*

The course is based upon a wide reading of the sources, particularly those collected in *Select Charters and Other Illustrations of English Constitutional History*, arranged and edited by William Stubbs and on a careful examination of the older and the more recent theories of English constitutional development which are contained in an extensive secondary literature. The topics studied include: the origin of early English institutions, the institutions of the Anglo-Saxon period, the consequences of the Norman Conquest, the introduction of feudalism and its influence on constitutional development, the growth of the Anglo-Norman monarchy, legal and administrative institutions under Henry II, the Exchequer, finance and taxation, Magna Carta, municipal institutions, the rise of a national spirit, the struggle between the king and the barons and the attempts to devise constitutional checks upon royal power during the reign of Henry III.

Seminary in Western European History, from the accession of Isabella in Castile, 1474, to the meetings of the States-general in France, 1789: Dr. Robbins.

*Two hours a week throughout the year.**(Given in 1933-34)*

The development of society, institutions, religion and overseas enterprise in France, Spain and Germany will be studied. Attention will be given to the decline of the Cortes of Spain, the estates in France and the diet in Germany; to the rise and spread of the Jesuits; to the Protestant Reformation; to the growth of absolutism. The colonial efforts of France and Spain will be compared and their relation to similar movements elsewhere. If time permits, the changing attitude of European writers to their own history and to education generally will be studied from contemporary sources. A reading knowledge of French is essential for this course.

Seminary in Social and Constitutional History of England Under the Stuarts, 1603-1714: Dr. Robbins.

*Two hours a week throughout the year.**(Given in 1934-35)*

Both domestic and foreign policies will be studied as far as possible from source material. The classes will consist of some preliminary discussion of the structure of English history in the period; of its chief historians, early and modern; and of some special topics, or important problems. These last will be dealt with according to suitability and occasion

by the instructor and the students either individually or in class discussion. While much of the time allotted to the course will bear immediate relation to the joint work listed above due allowance will be made for private reading on aspects of the subjects interesting to any member of the class.

Historical Journal Club: Dr. Gray, Dr. William Roy Smith, Dr. David, Dean Manning and Dr. Robbins.

*Journal
Club*

The instructors in the department of history and the graduate students who are pursuing advanced courses in history meet once a fortnight to make reports upon assigned topics, review recent articles and books, and present the results of special investigations.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

1st Semester Courses.

The United States Since 1898: Dr. Smith.

Credit: One-half unit.

This course deals mainly with the imperial problems that followed the Spanish-American War, the expansion of American influence in the Caribbean and in the Pacific and the growth of the United States as a world power.

English History in the Nineteenth Century: Dr. Robbins.

Credit: One-half unit.

(Not given in 1933-34)

This course is planned as one in English domestic history from the ministries of the younger Pitt to the death of Edward VII. Reading will be assigned mainly from the excellent biographical material available and from the memoirs of the period. Amongst topics studied will be: the careers of Pitt, Wellington, Peel, Palmerston, Prince Albert, Gladstone, Manning, Disraeli and Joe Chamberlain; the cause of Parliamentary reform, Francis Place and the Suffragette movement; the Darwinian theories, the Oxford Movement and the reform of educational institutions; England's activity in Africa and Arabia, her relations with European powers and alliances; the connection between history and English literature during the period as shown by the political activities and literary figures. A short paper will be expected from each member of the class but most attention will be given to reading and class discussion. Each member of the class will, as far as possible have opportunity to study that aspect of the period most interesting to herself.

Full Year Course.

Europe Since 1870: Dr. Gray.

Credit: One unit.

(Given in 1933-34)

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbors, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles and the fortunes of old and new states in post-war Europe are among the subjects studied. A reading knowledge of French is required.

FREE ELECTIVE COURSE

Full Year Course.

Civilization of the Ancient World: Dr. Broughton.

Credit: One unit.

(Given in 1933-34)

Special attention is paid to Greece and Rome; but consideration is also given to the subject of pre-history, to the early civilizations of western Asia, Egypt and the Aegean region, and to the influence of environment, race, and culture upon human development. The course is planned to cover the period from earliest times to the Fourth Century A. D.

*Free
Elective
Course*

(This course may be taken as a free elective and if elected must be continued throughout the year.)

History of Art

PROFESSOR:	GEORGINA GODDARD KING, M.A.
ASSOCIATE PROFESSOR:	ERNST DIEZ, Ph.D.
INSTRUCTOR:	ELIZABETH H. NORTON POTTER, M.A.

GRADUATE COURSES

Graduate Courses

Four hours a week of seminary work are offered each year to graduate students of History of Art accompanied by the direction of private reading and original research and the courses are varied from year to year so that they may be pursued by students through three or more successive years. In addition to the graduate seminaries announced other courses will be provided as need for them arises and individual students will be directed in special work by means of private conferences. History of Art may be offered as a major for the degree of Doctor of Philosophy. The first and second year courses of the department amounting to four and one-half units may be elected by graduate students as well as two units of advanced graduate work.

Seminary in History of Art: Miss King. *Two hours a week throughout the year.*
(Given in each year)

1933-34: Romanesque Origins; Sculpture.

The sources of Romanesque figure-sculpture are studied and its development traced with due consideration of priority, influence and outcome. The details of this course will be announced later.

1934-35: Romanesque Origins; Architecture.

The work is devoted to architecture in Italy, France and Spain; the theories of Dieulafoy, Rivoira and Strzygowski are examined and appraised and special regions particularly studied, while the students give close attention to individual monuments. This course may be varied from year to year so as to permit a student's following it for more than one year, if desirable.

1935-36: Spanish Painting; The Golden Century.

In this two-year course the sources and development of Spanish painting are considered from the early miniature down to the work of living painters, a single epoch being selected in any one year. Students are expected to learn something about the Spanish character and history and to make short trips to see paintings on exhibition in America.

Graduate work in modern painting will also be arranged for any student who wishes to combine History of Art with English or French literature and a course, if needed, offered in Sources and Problems of Modern Art. While the order of the courses may be altered to suit the needs of individual students, certain canons of art and certain æsthetic problems will be considered in successive years.

Seminary in Mediæval Wall Painting and Mosaics in Italy: Dr. Diez.
Two hours a week throughout the year.
(Given in 1933-34)

The evolution of wall painting and mosaics in the churches of Italy will be treated as well as the influence of Byzantine Art on mediæval Roman wall and mosaic painting and the evolution of Romanesque and Gothic style.

Seminary in Essential Problems of Baroque Art: Dr. Diez.
Two hours a week throughout the year.
(Given in 1934-35)

The origin of Baroque Art, its peculiar qualities and its evolutions in architecture, sculpture and painting will be considered.

Journal Club in the History of Art: Miss King, Dr. Ernst Diez and Mrs. Potter.

Two hours once a fortnight throughout the year.

The instructors and the graduate students meet for the presentation and discussion of current literature on Mediæval Archaeology and the History of Art and for discussion of current exhibitions.

Journal Club

ADVANCED UNDERGRADUATE COURSES

Full Year Course.

Renaissance Sculpture: Miss King.

Credit: One unit.

(Given in 1933-34)

Advanced Courses

1st Semester.

During the first semester the work is devoted to the sculpture of the Italian Renaissance.

2nd Semester.

During the second semester the work is devoted partly to Northern art and in especial to figure sculpture in France and Spain from the finishing of the cathedrals to the close of the Renaissance. The great sculptors of Germany are reserved for the advanced course in German Art, offered by Mrs. Potter.

Full Year Courses.

Spanish Architecture: Miss King.

Credit: One unit.

(Not given in 1933-34)

This course is open only to students who have completed the first and second year work in History of Art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic churches have been considered, the greater part of the year is devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

Spanish Primitives: Miss King.

Credit: One unit.

(Given in 1934-35)

The work begins with a consideration of the Mozarabic and proto-Mudéjar manuscripts and is occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting are taken into account and the study stops arbitrarily at 1500.

Philosophy of Art: Dr. Diez.

Credit: One unit.

(Given in 1933-34)

In contradistinction to the abstract study of the æstheticians, the course in philosophy of art is based on the historical manifestations of art and searches for the laws of the historical way that art has taken. As an introduction, the first part of this course will deal with the methods of looking at works of art and the explanation of the leading terms including the recent terminology in modern art. The second part will deal with the genesis of space by means of lines, planes, colours and chiaroscuro and the corresponding evolution of style in four grades, namely ornamental, plastic, tectonic and pictorial. This evolution occurred in accordance with the historical evolution of human culture.

Sociology of Art: Dr. Diez.

Credit: One unit.

(Given in 1934-35)

The main function of any work of art is the expression of emotions and their communication to the observer, who thus feels emotionally exalted. Accordingly the investigation of this eminent social function is the subject of Sociology of Art. There are two sections in this field, the intellectual and the emotional, which complement each other. Thus the social feeling (*Gemeinschaftsgefühl*) as a result of the social-economic conditions in the various periods of human culture will be discussed and the varying sense of style will be demonstrated as the adequate formal frame for the realization of art as the emotional expression of each period.

German Art of the Middle Ages and the Renaissance: Mrs. Potter.

*Credit: One unit.**(Given in 1934-35)*

Beginning with the great manuscript schools and the earliest sculptures, the course traces the development of German architecture, sculpture and painting through the sixteenth century, emphasizing especially the phases which are most characteristically German and aiming to give a clear and comprehensive understanding of German art as a definite and individual unit in the general history of art.

FREE ELECTIVE COURSES

*Full Year Courses.**Free
Elective
Courses*

Art of the Far East: Dr. Diez.

*Credit: One-half unit.**(Given in each year)*

A general introduction to the history of art in Asia from the earliest times. The painting, sculpture and architecture of China, India and Japan constitute the main burden of the course. Special problems are considered, such as the interrelations between the arts of the Oriental nations and the esthetic differences between the East and West.

Students majoring in History of Art are expected to elect this course before being admitted to advanced work.

History of Prints: Mrs. Potter.

*Credit: One-half unit.**(Given in 1933-34)*

The course begins with the earliest German block-prints of the first half of the fifteenth century and traces the history of woodcuts, engravings and etchings through the work of the great masters at the close of the nineteenth century. Lithography, mezzotint and other allied processes are considered briefly.

Italian

ASSOCIATE PROFESSOR:

ANGELINE HELEN LOGRASSO, Ph.D.

GRADUATE COURSES

*Graduate
Courses*

The graduate seminary in Italian is varied from year to year in order that it may be pursued by a student for consecutive years.

Seminary in Italian Literature: Dr. Lograsso.

Two hours a week throughout the year.

1933-34: Literary Criticism in Italy.

1934-35: The History of the Short Story and Novel in Italy.

1935-36: Studies in Italian Romanticism.

If necessary, modifications may be made in the work of the seminary to meet the special needs of students.

Old Italian: Dr. Lograsso.

Two hours a week throughout the year.

Old Italian Philology, with critical reading of early Italian texts.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the three-hour course before entering the seminary.

Full Year Courses.

Dante: Dr. Lograsso.

*Credit: One unit.**(Given in each year)*

All of the *Vita Nuova* and the *Divine Comedy* will be read and discussed. Attention will be given also to Dante's other works in Italian and in Latin.

Advanced Italian Composition: Dr. Lograsso. *Credit: One-half unit.*
(Given in each year)

The Italian Literature of the Rinascimento: Dr. Lograsso. *Credit: One unit.*
(Given in 1933-34)

FREE ELECTIVE COURSE

Full Year Course.

The Italian Literature of the Nineteenth Century: Dr. Lograsso. *Credit: One unit.*
(Given in each year)

*Free
 Elective
 Course*

Only those students will be admitted who have completed the course in general English Literature and have a wider knowledge of Italian than is acquired in the first year course.

Latin

PROFESSOR: LILY ROSS TAYLOR, Ph.D.
 ASSOCIATE PROFESSOR: THOMAS ROBERT SHANNON BROUGHTON, Ph.D.
 INSTRUCTORS: RUTH FAIRMAN, M.A.
 BERTHE-MARIE MARTI, M.A.

GRADUATE COURSES

Two seminaries are offered to graduate students of Latin accompanied by the direction of private reading and original research. The advanced undergraduate courses of the department may also be elected by graduate students.

*Graduate
 Courses*

The graduate courses in Latin are varied from year to year in such a way as to enable candidates for the degree of Doctor of Philosophy to pursue the work for three successive years.

It is desirable that all students who intend to do advanced work in Latin should have a good knowledge of Greek. A reading knowledge of French and German is necessary.

Latin Seminary: Dr. Taylor. *Two hours a week throughout the year.*
 1933-34: Lucretius and Catullus.

Interpretation of the text will be accompanied by a consideration of the literary associations and the philosophical ideas of the period. Extensive reading in Cicero's philosophical works will be included in the work of the course.

1934-35: Social and religious life in the Roman world.

There will be wide reading in Latin inscriptions and in literary sources. Lectures and discussions on the origin and development of Roman religion, the imperial cult, the Oriental religions and early Christianity.

1935-36: The poetry of the Augustan Age.

Special emphasis is placed on the work of Horace and Vergil in its relation to the principate of Augustus. Students may select subjects for investigation from the whole field of Augustan poetry.

Latin Seminary: Dr. Broughton. *Two hours a week throughout the year.*

1933-34: Livy's History.

A study is made of the political and institutional development of Rome from the earliest times to the close of the Macedonian wars. The works of Livy are used as the basis of study with criticism of other sources.

1934-35: Latin Literature from Livius Andronicus to Terence. The chief emphasis is placed upon Ennius and Plautus.

1935-36: Cicero's Correspondence.

An effort is made to master typical textual and linguistic problems presented by the text. Special attention is paid to Roman administration and political conditions during the last years of the Republic. The edition of Tyrrell and Purser, *The Correspondence of M. Tullius Cicero*, 7 vols., forms the basis of the work.

*Journal
Club*

Latin Journal Club: President Park, Dr. Taylor, Dr. Broughton, Miss Fairman and Miss Marti.

One and a half hours once a fortnight throughout the year.

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges, graduate students frequently find it advisable to elect some of these courses.

The work of the advanced Latin is arranged in semester courses. If elected separately the credit for each course is one-half unit.

1st Semester Course.

Lucretius and Cicero: Dr. Taylor.

Credit: One-half unit.

(Given in 1933-34)

The *De Rerum Natura* of Lucretius and selections from Cicero's philosophical works will be read. The work will include a study of the chief schools of philosophy in the period with special emphasis upon Epicureanism.

2nd Semester Course.

Vergil's *Æneid*: Dr. Broughton.

Credit: One-half unit.

(Given in 1933-34)

The poem will be studied as a whole, with consideration of its language, its structure and its place in the history of the epic.

1st Semester Course.

Cæsar and Cicero: Dr. Broughton.

Credit: One-half unit.

(Given in 1934-35)

Extensive selections from Cicero's Orations and Letters and from Cæsar's Commentaries will be read. The chief emphasis will be upon the social and political history of the period.

2nd Semester Course.

Literature of the Empire: Dr. Taylor.

Credit: One-half unit.

(Given in 1934-35)

The reading will be from Seneca, Tacitus and Juvenal. The chief emphasis will be upon the social life of the Empire.

Mathematics

PROFESSOR: ANNA PELL-WHEELER, Ph.D.
 ASSOCIATES: MARGUERITE LEHR, Ph.D.
 *GUSTAV A. HEDLUND, Ph.D.
 WILLIAM WELCH FLEXNER, Ph.D.
 NON-RESIDENT LECTURER: HOWARD HAWKS MITCHELL, Ph.D.

GRADUATE COURSES

Six and a half hours a week of seminary work and graduate lectures are offered each year to graduate students of mathematics accompanied by the direction of private reading and original research. The subjects vary from year to year so that the seminaries may be pursued by candidates for the degree of Doctor of Philosophy for three or more successive years. The advanced undergraduate courses of the department amounting to eight hours a week may be elected by graduate students.

Graduate Courses

Each year the department offers at least three of the following seminaries:

Theory of Numbers: Dr. Mitchell.

(Given in 1933-34)

Linear Functional Equations: Dr. Pell-Wheeler.

Two hours a week throughout the year.

(Given in 1933-34)

Algebraic Geometry: Dr. Lehr.

Two hours a week throughout the year

(Given in 1933-34)

Higher Algebra

Differential Geometry

Calculus of Variations

Projective Geometry

Theory of Functions of a Real Variable

Theory of Fourier Series

Theory of Functions of a Complex Variable

Differential Equations of Mathematical Physics

Analysis Situs

Mathematical Journal Club: Dr. Pell-Wheeler, Dr. Lehr, Dr. Hedlund* and Dr. Flexner.

One hour a fortnight throughout the year.

Journal Club**ADVANCED UNDERGRADUATE COURSES**

The advanced courses in Mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students and a reading knowledge of French and German is presupposed.

Advanced Courses

* Granted leave of absence for the year 1933-1934.

The advanced courses given are selected from the following, with occasional modifications:

Full Year Courses.

Advanced Calculus: Dr. Flexner.	<i>Credit: One unit.</i>
Advanced Geometry: Dr. Lehr.	<i>Credit: One unit.</i>
Theory of Functions of a Complex Variable: Dr. Pell-Wheeler.	<i>Credit: One unit.</i>

Music

PROFESSOR:	HORACE ALWYNE, F.R.M.C.M.
ASSOCIATE:	ERNEST WILLOUGHBY, A.R.C.M.

GRADUATE COURSES

Graduate Courses

The graduate courses and seminary may lead under certain fixed conditions to the degree of Master of Arts, but are not permitted to count as any part of the requirements for the degree of Doctor of Philosophy.

Students wishing to specialize in music who meet the preliminary requirements of the Academic Council for the degree of Master of Arts will be allowed to become candidates for the degree of Master of Arts of Bryn Mawr College in Music only if they have offered the equivalent of two seminaries in Music together with a seminary in Education or some other seminary, subject in each case to the approval of the Committee on Graduate Courses and of the Director of the Department of Music.

Preliminary requirements for admission to graduate courses in music:

1. A.B. degree from a college of recognized standing.
2. Certain standards of knowledge or facility in instrumental or vocal music will be required of all students. Students offering vocal music to answer the above requirements will be expected to have some facility in piano playing. Students who are deficient in the above requirements will be recommended by the Department of Music to certain qualified teachers outside the college.
3. Courses in the History of Music, Harmony and Counterpoint, in general equivalent to the undergraduate courses given in Bryn Mawr College, must have been taken, or must be taken without credit, as preliminary to graduate work.

Canon and Fugue: Mr. Alwyne. *Two hours a week throughout the year.*
(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the application of counterpoint to composition in these established forms: it requires some originality on the part of the student and some facility in piano-forte playing.

Orchestration: Mr. Alwyne. *Two hours a week throughout the year.*
(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the characteristics of each instrument in the orchestra—its tone-quality, range, technique, etc.—with the grouping of the instruments—strings, wood-wind, brass, percussion, etc.—and with the orchestra as a whole. Orchestral scores will be studied. Students will be required to apply the foregoing in scoring for orchestra and in original work.

Seminary in Music, Free Composition: Mr. Alwyne.

Two hours a week throughout the year.

(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter. This seminary deals with the application to Free Composition of the preceding courses in Harmony and Counterpoint.

FREE ELECTIVE COURSES

History and Appreciation of Music: Mr. Alwyne.

Credit: One unit.

*Free
Elective
Courses*

(Given in each year)

This course consists of the study of the History of Music up to and including Beethoven, and of the masterpieces of music produced during that period. Characteristic examples of Early Church Music, in the form of Plain Chant, Organum, Discant, etc., and of Sixteenth Century vocal polyphony, Reformation Chorales and Bach choral works are illustrated by the College Choir in class. Compositions of the following composers are performed in class: Monteverdi, Corelli, Scarlatti, Rameau, Couperin, Bach, Handel, Haydn, Mozart and Beethoven. The forms included are folk-song, motet, madrigal, fantasia, toccata, early dance-forms, fugue, suite, rondo, variations, sonata and symphony. All study and analysis is based on the actual hearing of the music itself. The instruction is given by means of lectures, required reading, discussion, and by analysis by the students in class. At occasional meetings of the class, members of the Faculty of the Departments of History, Classical Archæology, History of Art, and English discuss social, artistic and literary movements which were of special importance in the history of the evolution of music.

Advanced History and Appreciation of Music: Mr. Alwyne.

Credit: One unit.

(Given in each year)

The course in History and Appreciation of Music is required for admission.

The course consists of the study of the history of music from Schubert to the present day and of the musical masterpieces produced during that period. The instruction follows the same plan as in the preceding course.

Third Year History and Appreciation of Music: Mr. Alwyne.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the two courses in History and Appreciation of Music.

This course consists of two special courses of one semester each in some particular period or aspect of Music. The subjects are Bach and Wagner, or Symphonic Music and Modern Music. These subjects are dealt with in a more detailed and amplified way than is possible in the two foregoing courses in History and Appreciation of Music. The instruction follows the same plan as in the preceding courses.

Elementary Harmony: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: knowledge of intervals, scales and keys, ability to sing simple melodies at sight.

This course is the beginning of composition. It does not impose upon the student the mere copying of a model but gives her some intellectual and æsthetic liberty.

Melodic movement and harmonic progression are studied concurrently. The student learns to write simple melodies based on poetic meters and the addition of a second melody

to one already given with ornamentation by means of passing notes, neighbouring notes, etc. When some facility in horizontal writing has been obtained melodies are harmonized in four parts using major and minor triads in root positions and their inversions.

The importance of the student being able to hear what she writes is stressed by means of progressive ear training and musical dictation.

Advanced Harmony: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the course in Elementary Harmony; or the student must satisfy the instructor that she is qualified to enter.

This course is the continuation of the course in Elementary Harmony, starting with the Chord of the Dominant Seventh and carries the student through modern harmonic relations. Original melodies are written and harmonized in both close and open score and the use of C clefs is studied when writing for strings. Modern compositions are analyzed. This course gives an opportunity for freedom of expression and calls for more original work on the part of the student.

Elementary Counterpoint: Mr. Willoughby.

Credit: One-half unit

(Given in each year)

Requirements for admission: the two courses in Harmony; or the student must satisfy the examiner that she is qualified to enter.

This course deals with the various modes of counterpoint to which the courses in Harmony have led in so far as it has been possible to bring about "horizontal" writing in those courses. This course consists of Strict Counterpoint in two parts up to and including Fifth Species and three-part Strict Counterpoint up to and including Third Species.

Advanced Counterpoint: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the three preceding courses in Harmony and Counterpoint; or the student must satisfy the instructor that she is qualified to enter.

This course is a continuation of Elementary Counterpoint and carries the student through to Strict and Combined Counterpoint in three and four parts, later dealing with the stated contrapuntal forms. The course requires some originality on the part of the student and some facility in pianoforte playing.

Philosophy

PROFESSOR:

GRACE ANDRUS DE LAGUNA, Ph.D.

ASSOCIATE PROFESSOR:

PAUL WEISS, Ph.D.

ASSOCIATE:

MILTON CHARLES NAHM, B.Litt., Ph.D.

GRADUATE COURSES

Graduate Courses

Two seminaries and a Journal Club are offered each year to graduate students of Philosophy, accompanied by the direction of private reading and original research.

In general, one historical seminary and one of a systematic character will be offered each year. The latter will be either in the field of logic and epistemology, or in ethics or aesthetics, depending on the interests of the students electing it. The subjects of study are changed from year to year through a cycle of three years.

Seminary in the History of Philosophy: Dr. de Laguna, or Dr. Weiss, or Dr. Nahm.

Two hours a week throughout the year.

(Given in each year)

1934-35: Pre-Kantian Rationalism.

In the first semester the work is principally based upon Descartes and in the second semester on Spinoza and Leibniz. This seminary is conducted by Dr. de Laguna.

1935-36: English Empiricism.

The principal works of Locke, Berkeley and Hume form the basis of study. This seminary is conducted by Dr. Weiss.

1936-37: Kant

The Critique of Pure Reason forms the basis of the work of the first semester. In the second semester, the later Critiques are studied. The seminary is conducted in the first semester by Dr. Weiss and in the second semester by Dr. Nahm

Seminary in Logic and Epistemology: Dr. de Laguna and Dr. Weiss

Two hours a week throughout the year.

(Given in 1934-35 and again in 1935-36)

1934-35: Logic: Dr. Weiss

A preliminary survey will first be made of such typical approaches to logic as the Aristotelian, that of Boole-Schröder, *Principia Mathematica*, etc. Certain special topics will then be studied: the nature of concepts, propositions, judgment, implication, entailment, inference and paradoxes. Finally, more general topics will be discussed: the foundations of mathematics, alternative mathematics and logics, and the relation of logic to other sciences.

1935-36: Recent Epistemological Theory: Dr. de Laguna

Works of recent writers on epistemology are discussed. These will include recent works of Lovejoy, Santayana, Meyerson and Cassirer.

Seminary in Metaphysics: Dr. Weiss. *Two hours a week throughout the year*

(Given in 1933-34)

The nature of time, space, reality, mind, etc., will be discussed in detail.

Seminary in Aesthetics: Dr. Nahm. *Two hours a week throughout the year.*

(Given in 1933-34)

History and Problems of Aesthetics.

The development of aesthetic theory among the Greeks and mediæval philosophers is examined during the first semester. The history and problems of modern aesthetics will constitute the work of the second semester.

Seminary in Ethics: Dr. Nahm. *Two hours a week throughout the year.*

(Given in 1934-35)

History of English Ethics:

A general examination of Greek ethics will be made as an introduction to the development of English ethical theory from Hobbes to Sidgwick.

ADVANCED UNDERGRADUATE COURSES

The advanced courses in Philosophy are open only to students who have taken the second year courses in Elementary Ethics and Philosophical Problems. They may be taken as free electives.

*Advanced
Courses*

Full Year Course.

Elementary Aesthetics: Dr. Nahm.

Credit: One-half unit.

The problem of the æsthetic response is examined historically and systematically. After this introduction to æsthetics, a study is made of the æsthetic types, such as the comic, the tragic, the sublime and the characteristic. The problems of the origins and classification of art will be approached by use of museum material and anthropological data. The conclusion of the course will involve a close study of the æsthetics of one or two of the arts. If the course is elected in the first semester it must be continued in the second.

1st Semester Course.

German Idealism: Dr. de Laguna.

Credit: One-half unit.

About half of the course is devoted to the study of Kant. The systems of the post-Kantian idealists are treated more briefly.

2nd Semester Course.

Recent Philosophical Tendencies: Dr. Weiss. *Credit: One-half unit.*

This course will deal with the views of Bradley, Bergson, Peirce, Dewey; particular attention being given to Whitehead's philosophy.

Physics

ASSOCIATE PROFESSOR: JANE MARY DEWEY, Ph.D.
ASSOCIATE: WALTER C. MICHELS, Ph.D.

GRADUATE COURSES

Graduate Courses

One graduate seminary or lecture course in theoretical physics is offered each year, the subject being selected to meet the needs of the students. A seminary in experimental physics will be arranged individually for students desiring it. Students electing physics as their major subject for the degree of Doctor of Philosophy are, in general, expected to offer mathematics as an allied subject. They may substitute chemistry, biology or geology if their mathematical training is accepted as adequate for their work in physics.

Seminary in Theoretical Physics: Dr. Dewey or Dr. Michels.

Three to five hours a week throughout the year.

(Given in each year)

The subjects will, in general, be selected from the following:

- Theory of electricity
- Radiation theory
- Thermodynamics and statistical mechanics
- Kinetic theory
- Quantum mechanics
- Conduction of electricity through gases

Introduction to Theoretical Physics: Dr. Dewey.

Five hours a week throughout the year.

(Given in 1933-34)

This course is required of all graduate students majoring in physics.

Seminary in Experimental Physics: Dr. Dewey and Dr. Michels.

Hours to be arranged.

(Given in 1933-34)

Physics Journal Club: Dr. Dewey and Dr. Michels.

One hour a fortnight throughout the year.

The advanced students and instructors meet to discuss recent work in physics.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

An advanced undergraduate course may be accepted as a seminary if supplemented by assigned reading or laboratory work. Students in their first year of graduate work will, in general, elect an advanced undergraduate course. One of the following courses is offered in each year.

Full Year Courses.

Electricity and Magnetism: Dr. Michels.

Credit: One or one and one-half units.

(Given in 1933-34)

This course treats the problems of the electrostatic and magnetic fields, electrodynamics and electromagnetic waves. The laboratory work deals with fundamental electrical measurements and their application to physical experimentation.

Mechanics: Dr. Michels. *Credit: One or one and one-half units.*
(Given when requested)

The lectures of this course develop the fundamental principles of theoretical mechanics, including the statics and dynamics of systems of particles and rigid bodies and include an introduction to generalized coordinates and Hamilton's principle.

Geometrical and Physical Optics: Dr. Dewey.
Credit: One or one and one-half units.
(Given in 1934-35)

FREE ELECTIVE COURSES

Full Year Courses.

Astronomy: Dr. Michels. *Credit: One-half unit.*
(Given in 1933-34)

This course is elementary and mainly descriptive in nature. Part of the lectures, however, will be devoted to astrophysics. The course is open to juniors and seniors only, not to auditors or hearers. First year physics is prerequisite.

Physical Basis of Music: Dr. Michels. *Credit: One-half unit.*
(Given when requested)

This course presents some of the physical principles utilized in the construction of musical instruments and underlying the general theory of musical scales, harmony, etc.

*Free
Elective
Courses*

Psychology

PROFESSORS: HARRY HELSON, Ph.D.
 AGNES LOW ROGERS, Ph.D.
 ASSOCIATE: DONALD WALLACE MACKINNON, Ph.D.
 INSTRUCTOR: WILLIAM DONALD TURNER, Ph.D.

GRADUATE COURSES

At least seven hours a week seminary work and graduate lectures are offered each year to graduate students of psychology, accompanied by the direction of private reading and original research and the courses are varied from year to year so that they may be pursued by students through three or more successive years. The books needed by the graduate students are collected in the seminary library of the department. No undergraduates are admitted to graduate courses or to the seminary library, but the second and third year courses of the undergraduate department may be elected by graduate students. The laboratory of experimental psychology is open to graduate students for research work.

Seminary in Research Problems: Dr. Helson.
Two or more hours a week throughout the year.
(Given in each year)

This course is intended for students who wish to be trained in research work. Methods of measurement, particularly modern psychophysics, practise in observation and acquaintance with standard types of apparatus are stressed. The instructor coöperates with the students in the solution of some original problem.

Seminary in Physiological Psychology: Dr. Helson.
Two or more hours a week throughout the year.
(Given in 1933-34)

The physiological foundations of behavior will be investigated through a consideration of selected topics from the fields common to physiology and psychology. Among the subjects discussed are: chronaxie, the conditioned reflex experimentation, membrane

*Graduate
Courses*

theory of nerve conduction, theories of central neural mechanisms, gradients and special states having a bearing upon a theory of behavior. Some laboratory work will be done although the course is not primarily an experimental one.

Seminary in the History of Psychology: Dr. Helson.

Two or more hours a week throughout the year.

(Given in 1934-35)

The work of this seminary consists of three parts: (1) lectures by the instructor in which the history of psychology is treated through the consideration of fundamental problems; (2) readings and reports by students involving the use of sources; (3) a semester paper upon some selected topic in which the student's ability to organize and criticize material is tested.

Seminary in Abnormal Psychology: Dr. MacKinnon.

Two or more hours a week throughout the year.

(Given in 1933-34)

The seminary will undertake a critical review of the various methods of investigation and their results in studying the problems of abnormal and dynamic psychology. Particular attention will be given throughout to the development of new techniques in this field. Special topics or problems may be made the object of study in any particular year after the interests of the members of the seminary have been ascertained.

Seminary in Social Psychology: Dr. MacKinnon.

Two or more hours a week throughout the year.

(Given in 1934-35)

In this seminary a study will be made of the theories and methods of investigation of the various schools of social psychology, with special attention to the contributions of German cultural psychology and American experimental psychology. The subject-matter of the seminary may be adapted to meet special needs of the members.

Seminary in Mental Measurement: Dr. Rogers.

Two hours a week throughout the year.

This seminary is devoted to the critical investigation of specific problems in the field of mental measurement. See page 52.

Psychological Journal Club: Dr. Helson, Dr. MacKinnon and Dr. Turner.

Two hours in alternate weeks throughout the year.

The students meet with the instructors to hear reports on recent psychological literature and on the work done in the laboratory.

For graduate work in Educational Psychology see the Department of Education (pages 52 and 53).

ADVANCED UNDERGRADUATE COURSES

Full Year Course.

Advanced Experimental Psychology: Dr. Helson and Dr. Turner.

Credit: One unit.

This course is intended for students who wish to be trained for research work, particularly for those planning to do graduate work. Opportunity is provided for working on some special problem agreed upon by student and instructor. About six weeks are devoted to a consideration of psychophysical and statistical methods, after which the student's time is given to experimental work as experimenter and observer. Problems in animal psychology may be engaged in under the direction of one of the instructors. Students must obtain the consent of the instructors before registering for this course.

1st Semester Course.

Abnormal Psychology: Dr. MacKinnon.

Credit: One-half unit.

This course will consist of a study of the main forms of mental disorder. Attention will also be given to the problems of individual differences, types of personality, methods of investigation, borderline types of disturbances and the principles of psychotherapy. This course may be taken by those who have completed the first year work.

2nd Semester Course.

Psychological Theory: A systematic survey of the main types of psychological theory: Dr. Turner. *Credit: One-half unit.*

The concepts underlying the various approaches to the problems of psychology will be examined with special reference to the history of psychology. This course gives a survey of the various fields of psychology in the light of recent developments viewed in their historical setting. Two units of psychology are prerequisites.

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

PROFESSOR:	SUSAN MYRA KINGSBURY, Ph.D.
ASSOCIATE:	MILDRED FAIRCHILD, Ph.D.
LECTURERS:	ALMENA DAWLEY, M.A. HERBERT ADOLPHUS MILLER, Ph.D.

SPECIAL NON-RESIDENT LECTURERS:	EVA WHITING WHITE, A.B. ALICE HAMILTON, M.D.
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The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The departments of Economics and Politics, Psychology and Education offer seminaries strongly recommended to students of Social Economy. These seminaries are given by Dr. Marion Parris Smith, Professor of Economics; Dr. Charles Ghequiere Fenwick, Professor of Political Science; Dr. Roger Hewes Wells, Professor of Economics and Politics; Dr. Harry Helson, Professor of Psychology; Dr. Agnes Low Rogers, Professor of Education and Psychology; Dr. Donald Wallace MacKinnon, Associate in Psychology; Dr. Ilse Forest, Associate Professor of Education and Mr. Samuel Arthur King, Non-resident Lecturer in English Diction.

The graduate courses in Social Economy and Social Research are intended for graduate students who present a diploma from some college of acknowledged standing and no undergraduate students are admitted.

Students of this department must offer for admission to their graduate work a preliminary course in economics, in psychology and in sociology* and in addition more advanced courses equivalent to the Bryn Mawr College

* Students not having had courses in psychology and sociology may be expected to supplement their preparation by taking work at a university summer school of recognized standing.

second year course in one of the following subjects: economics and politics, sociology, history, psychology or philosophy (that is altogether two units in one of these subjects).*

The courses are planned on the principle that about two-thirds of the student's time shall be given to the study of theory and the remaining one-third to a seminary including field and laboratory work.

In the first year the student will probably pursue a seminary in the theory and technique applied to her chosen field, as for example: Social Case Work or Community Life or Industrial Relations in which she will give seven to ten hours a week during the term time and full time in vacation practica to practice or field work in an institution or with a social agency or in a business firm chosen in relation to her selected field; she will take the seminary in theory most closely related to her special interests; unless already qualified she will take the course in statistics and she will elect a third seminary. In addition, all students attend the Journal Club. Each seminary requires about 14 hours of work each week, including hours of discussion, preparation and conference. Full graduate work involves about 43 hours of work per week.

Practice work in each field consists of two types: (1) field work consisting of seven hours each week and two hours of seminary discussion each week; (2) non-resident experience with social institutions, agencies or business firms obtained during one month in December and January and during two months in the summer following the eight months of work in Bryn Mawr College.

The department will endeavor to arrange that the students shall be at a minimum expense for room and board during the midwinter practicum, other than that paid to the college from December 8th to 18th and during the two months of the summer practicum.

The year's programme of the students will therefore run as follows: (1) Work at Bryn Mawr College, October 1st to December 11th, during which period at least one day a week is given to field work. (2) A mid-winter practicum in which the student gives full service to a social organization or a business establishment or to research, from December 11th to January 4th in New York, Boston, Philadelphia or elsewhere. (3) January 8th to January 19th, during which period the student will give her entire time to classes and study at Bryn Mawr College. (4) February 6th to June 6th, during which time the student will give one day a week to field practice work, with the exception of the spring vacation. (5) The summer practicum from June 11th to August 28th, during which time the student will give all of her time to practical work with a social organization or a mercantile or manufacturing establishment. The field work during the time of residence at the college and during the mid-winter and summer practica is under the careful supervision of an instructor of the department. After one year of work in this department, one-half year may be given to a practicum in residence in a social service institution, in connec-

*The "unit" represents one-quarter of the student's time for one year or approximately ten hours of work a week, including class meetings.

tion with a social welfare or community organization, in a federal or state department of labour and industry, in a federal or state employment office or in a manufacturing or mechanical establishment in Philadelphia, New York, New England or elsewhere, during which time the practical work and special reading and research will be supervised by the instructor in charge of the practicum and by the head of the institution, department or business firm.

Students entering the department are expected to pursue the work throughout one year. Unless the student has had graduate courses providing a foundation for professional social work or acceptable experience in social work, at least two years are necessary for satisfactory preparation. A certificate will be given upon the completion of one or two years' study. The candidate for a certificate must offer a seminary which includes practice or laboratory work or a seminary in social and industrial research. *Certificates and Degrees*

Graduates of Bryn Mawr College and graduates of other colleges who shall have satisfied the Academic Council that the course of study for which they have received a degree is equivalent to that for which the degree of Bachelor of Arts is given by Bryn Mawr College or who shall have attended such additional courses of lectures as may be prescribed, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts or of Doctor of Philosophy;* admission to the graduate school does not in itself qualify a student to become a candidate for these degrees.

GRADUATE COURSES

The seminars and courses described below may be elected subject to the approval of the Director of the Department by students working for the first and second year certificates as well as by candidates for the degree of Master of Arts or of Doctor of Philosophy in Social Economy and Social Research or may be offered as an allied subject with the approval of the Director of the Department when the major is taken in certain other departments according to the regulations of the Academic Council. *Graduate Courses*

Seminary in Social and Industrial Research: Dr. Kingsbury.

Three hours a week throughout the year.

(Given in each year)

Research in Social Economy involves two distinct types of studies. First, that which uses manuscripts or printed documents as sources of information and second, that which secures data concerning human relations and social and industrial conditions from individuals, groups, organizations or institutions. Both phases of research necessitate an ability to discover cause and effect, to see the relations and interpret the interaction of social forces, to recognize and evaluate the factors conditioning or controlling social situations and to establish facts concerning social phenomena.

Consequently, training in the acquisition, arrangement, analysis and interpretation of data is essential for students undertaking either phase of social research. As other seminars in the Department and allied departments deal primarily with the first type of studies, this seminary is devoted exclusively to the second type. A subject is selected and arrangements made which will require students to secure social data by work in the field.

* For requirements for the Master's degree and the degree of Doctor of Philosophy, see pages 32 to 37.

The material is then organized, analyzed and interpreted by the members of the seminary. In this way, training is given in filling out schedules, classifying data, drawing up tables, analyzing results and interpreting material as a whole. The group of students may cooperate to produce a study which it is hoped will prove a contribution to our knowledge of social or industrial conditions. Students not taking a seminary in which field practice is required will be expected to carry on a mid-winter practicum in this seminary (see page 80). Previous graduate study or acceptable experience in social or in industrial work is required for admission to this seminary.

Seminary in Administration of Social Agencies: Dr. Kingsbury.

Two hours a week throughout the year.

(Given in 1933-34 and again in 1935-36)

This course studies the sources of financial support of social agencies, the education of the community, cooperation in larger social programmes, the relationships between public and private agencies, the organization and supervision of a staff and the development and installation of methods to secure high standards of work. Special attention is given to the administration of city, state, and federal bureaus and departments of social welfare and labour. Opportunities for field work and research are arranged according to the needs of the student. This seminary is open to advanced students with the approval of the instructor.

Seminary in Statistics: Dr. Kingsbury. *Two hours a week throughout the year.*

(Given in 1934-35)

The work of the seminary is divided into three sections and considers: *first*, the principles of statistical measurement—frequency distributions, averages, index numbers, measures of association, correlation and partial correlation, theories of probability and probable error; *second*, standard and model forms of schedules and the methods of tabulation and analysis of data, together with criticisms of the methods employed in some of the best social investigations which have been carried on; *third*, a study of the application of statistics to the analysis of social problems including a review of the outstanding contributions in the subject and a criticism of selected statistical reports. Important correlations already established between socially significant variables will be reviewed and their application in connection with further research indicated.

Seminary in the Community: Dr. Miller.

Two hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year.

(Given in each year)

The technique of social work with leisure time groups, through such agencies as school clubs, adult workers' clubs, settlements, playgrounds, social centers and Y.W.C.A.'s forms the subject matter of the course. In connection with the discussion of these topics by the instructor, a series of representative specialists in outdoor and indoor play, in community music and dramatics and in adult education are invited to meet with the class to answer questions from their experience in the problems which have arisen in the course of the students' work. Special attention is given to the problems involved in conducting education of the public through forums, institutes, civic organizations, in work with committees and boards and in management of publicity.

The practicum combines work in social and community education with reports and discussions. In addition to reports and conferences, seven hours a week are devoted to practice in a social center or settlement by which the student gains vital illustration of the principles and organization of leisure time leadership.

The practicum is under the direction of the instructor and the director of the particular agency or department.

Seminary in Research in Sociology: Dr. Miller.

Two hours a week throughout the year.

(Given in each year)

Seminary in Culture Types and Intercultural Processes: Dr. Miller.

*Two hours a week throughout the year.**(Given in 1934-35)*

The cultures of Western Civilization, including selected types from Europe and America, will be contrasted with certain of those from the East, of which Russia, China, Japan, India and others are types. The traditions, religions, philosophies and social codes will be studied in order to explain the characteristic social institutions and habits. The interaction of certain contemporary economic, intellectual and political forces upon these institutions will be analyzed to show the persistence and breakdown of culture types. The course also includes a review of prehistoric cultural evolution. Personal contact will be made with representatives of many of the cultures.

Seminary in Modern Racial and Nationality Problems: Dr. Miller.

*Two hours a week throughout the year.**(Given in 1933-34)*

This course will study the development of race consciousness and nationalism both descriptively and theoretically in the search for solutions of the conflicts which they create. Biological, historical and political rationalizations will be analysed. The first part of the course will deal with wider developments in both fields; the second part will deal with the race problems in America and the various types of nationalism as illustrated by immigrants and certain movements and groups of America. First hand intensive study of several examples of both race and nationalistic situations will be expected.

Seminary in Labour Organization: Dr. Fairchild.

*Two hours a week throughout the year.**(Given in each year)*

Some of the forces found in modern industry, the inequality of distribution and the gradual development of democratic ideas that lead to labour organization are reviewed as an introduction to trade union history and the development of labour organization in America is compared with that in Europe and especially in England. The methods used by labour are studied in detail—the strike, boycott, sabotage, picketing and various aspects of labour warfare—as well as the attempts of the employer to suppress unionism. The bearing of the law and the courts on the labour struggle and the use of the injunction are considered critically. The significance of social legislation, welfare work and the intervention of the state are discussed with a view to understanding the probable future of labour organization. The changing philosophy of labour as it is embodied in experiments in various countries, England, France and Russia, is given particular attention. As a part of the seminary, students attend trade union meetings and conferences, visit factories and various state and private organizations which are concerned with employment, vocational guidance and legislative reform.

Seminary in Industrial Relations: Dr. Fairchild.

Two hours a week throughout the year.

Laboratory and Field Work

*Seven hours a week throughout the year.**(Given in each year)*

The aim of this seminary is to secure an understanding of actual conditions, methods and relations in industry in the United States. A brief introduction to the evolution of the modern industrial system is followed by an analysis of large scale productive units and monopolistic control of industry. A study is then made of production problems in certain basic industries with particular stress on planning systems and process analysis. The procedure of the personnel office, hiring of labour, rating, training, promotion, discharge and methods of wage payments are considered in detail. On the basis of critical comparisons of methods, fundamental principles are brought to light. A comparison of retail trade with factory production brings out significant phases of industrial relations. Special lectures on psychology in industry, labour exchanges, government agencies, scientific management, industrial poisons and other topics are included in the course. Actual cases

are studied and observation trips give the student first hand information regarding present day conditions and methods.

The field work in the factories, stores and public employment offices, which is a part of the work of this seminary, is accompanied by a two-hour discussion period on the practical problems which the student must meet. Midwinter and summer practica are required. See page 80.

This seminary must be accompanied by the Seminary in Labour Organization.

Seminary in Social Legislation: Dr. Fairchild.

*Two hours a week throughout the first semester.
(Given in each year)*

The purpose of this course is to give the student a working knowledge of social legislation in the United States today and of probable tendencies in the near future. Selected laws regulating public relief, old age and mother's pensions, child labour, factory inspection, hours of work, a minimum wage and social insurance are examined as they have developed; emphasis is placed upon the relation between legislation and changing conditions of life and labour as these have been brought to public attention. A resumé of the most important social legislation in selected European countries is studied as indicating the changes in social control and individual rights under governmental agencies in these countries, paralleling economic and industrial organization.

This course will supplement the work in social case work as related to other fields recommended for students of industrial relations, community organization and social investigation.

Field units may accompany this course, the time to be arranged individually with students in accordance with their previous experience and particular interests.

Seminary in Research in Labour Organization or Industrial Relations: Dr. Fairchild.

*Two hours a week throughout the year.
(Given in each year)*

Each student pursues a separate research problem of her own choice, conferring with the instructor individually as her work progresses, and reporting periodically to joint meetings of the students in the seminary. The course is open to advanced students with the consent of the instructor.

Seminary in Social Case Work: Miss Dawley.

Two hours a week throughout the year.

Laboratory and Field Work.

Ten hours a week throughout the year.

(Given in each year)

This course considers the problems of the individual who has expressed a need for help in any of a variety of ways, through going to a case working agency. In attempting to understand these difficulties, emphasis is placed upon certain aspects of human growth and experience, including particularly early life experiences and problems of relationship. Various phases of any continuing case work relationship are studied, especially the part of the case worker in dealing with another human being. Knowledge of community resources and the activities of various case working agencies is included as a necessary part of case work treatment.

The practicum in this course consists of ten hours each week during the academic year, four weeks midwinter work and eight weeks midsummer work in a case working agency. The field work with these agencies is under the supervision of Miss Dawley and the supervisor of the agency.

Advanced Social Case Work: Miss Dawley.

Two hours a week throughout the year.

(Given by special arrangement)

A course in advanced social case work will be arranged individually for students who have completed the seminary in Social Case Work with its required period of field work. By special arrangement with the Pennsylvania School of Social and Health Work, qualified students may take advanced work in Social Case Work or Development of Personality.

Field work throughout the year will accompany this course, the amount dependent upon the student's previous training and experience.

Social Case Work in Relation to Other Fields: Miss Dawley.

Two hours a week throughout the second semester.

(Given in each year)

This course is planned to meet the needs of students who are training for work in industrial relations, community or group work or social investigation. No attempt is made to provide training for professional social case work. Certain aspects of the case work field are emphasized, particularly study of the variety of individual problems presented by the persons who seek help from a social agency. Ways in which the case worker relates herself to these individuals in the interview are discussed, with special attention to the initial interviews of application or inquiry. The functions of outstanding community resources in case work are considered with differentiation between the changing boundaries of the various forms of public and private agencies. Field work with a case working agency accompanies this course, the amount of time to be arranged individually with students in terms of their previous experience.

Social Statistics: Dr. Kingsbury.

Two hours a week throughout the year.

(Given in each year)

The subjects considered are those required for an understanding of statistical studies in social economy, for use in conducting inquiries into social and economic conditions and for analysis of data secured from Federal or State reports and from records of social and industrial organizations and institutions. Included in the course are the following topics: schedule making, accumulation of data, making of tables, the use of computing and filing devices, the array, frequency distributions, averages, index numbers, measures of association and variation, the theory of probability and of error and linear correlation.

No knowledge of mathematics beyond the usual college entrance requirements is supposed. This course is required of all graduate students in the department who have not had a satisfactory introductory course.

General Course in Articulation and Voice Production: Mr. King.

One-half hour a week throughout the year.

(Given in each year)

The object of this course is to train speakers in accurate and distinct articulation and to eliminate the faults of bad production. Speech is resolved into its phonetic elements which are made the basis of practical exercises so arranged as to be progressive in their difficulties.

The following courses in the University of Pennsylvania are open to graduate students by special arrangement:

Criminal Law.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Law offered by Dean Mikell at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course may accompany the seminary in Social Case Work.

Criminal Procedure.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Procedure offered by Dean Mikell, at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course must be preceded by the course in Criminal Law.

Social Economy Journal Club: Dr. Kingsbury, Dr. Fairchild and Dr. Miller.

Two hours once a fortnight throughout the year.

*Journal
Club*

Current articles are reviewed, recent reports, surveys and investigations are criticized and the results of important research are presented for discussion.

FREE ELECTIVE COURSES

*Full Year Courses.**Free
Elective
Courses*

Social Investigation: Dr. Kingsbury.

*Credit: One-half unit.**(Given in each year)*

The object of the course is to give the students a knowledge of the principles of social investigation and of the steps that must be taken in conducting an investigation. The course deals with the elements of statistics. It also acquaints the student with the principles and methods of record keeping and filing which are applicable to municipal, state and federal offices, to business organizations and to social organizations.

The course is recommended to students of social economy, of economics, of psychology, and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Introduction to Sociology and Social Problems: Dr. Miller.

*Credit: One-half unit.**(Given in each year)*

To attain a scientific approach to both the normal and abnormal processes in human society will be the object of this course. Human nature as a product of biological and social forces; social organization with its groups in conflict and in integration; attitudes, social control, progress and study of the derivation of sociological laws will be considered as underlying normal society. In contrast, the mal-adjustment of the individual to his environment, social disorganization, poverty, crime and the failure of society in its responsibility resulting in non-social and anti-social practices will be considered as problems in social pathology. A course in some social science is a prerequisite for this course.

Social Anthropology: Dr. Miller.

*Credit: One unit.**(Given in each year)*

An anthropological approach to the problems of human progress. An objective definition of progress is developed. Data relating to prehistoric, primitive, ancient and modern cultural and racial development, bearing on the amount and the direction of change in human intelligence, technology and social relations are examined. The desirability of various possible future directions of social change is explored. Methods of innovation in mechanical invention, medicine, science, social work and other fields are studied in terms of instances, with a view to developing the fundamental principles of the technique and dynamics of social progress. A course in some social science is prerequisite for this course.

Labour Movements: Dr. Fairchild.

*Credit: One unit.**(Given in each year)*

The present-day problems of labour considered with special reference to the history and growth of the labour movement form the subject matter of this course. A study of the critical episodes in labour's struggle for organization and status, especially in England and the United States, is made in order to understand present tendencies in trade unionism. Some of the topics considered are wages, economic security, conditions of work, technological change and social legislation, the use of the strike and lockout, employee representation and coöperative management. An effort is made to analyze the function of trade unionism in the labour movement of this and other countries. The influence of Socialism upon working-class organization and the significance of the Soviet Union are considered. In the study of workers' education, special reference is made to the Bryn Mawr Summer School for Women Workers.

The following seminaries offered in other departments are recommended to graduate students of Social Economy and Social Research:

Seminary in Economics: Dr. Marion Parris Smith.

*Two hours a week throughout the year.**(Given in each year)*

Seminary in Politics: Dr. Fenwick. *Two hours a week throughout the year.*
(Given in each year)

Seminary in Politics or Economics: Dr. Wells.
Two hours a week throughout the year.
(Not given in 1933-34)

Psychological Seminary: Dr. Helson.
Two or more hours a week throughout the year.
(Given in each year)

Seminary in Physiological Psychology: Dr. Helson.
Two or more hours a week throughout the year.
(Given in 1933-34)

Seminary in Mental Measurement: Dr. Rogers.
Two hours a week throughout the year.

Either this seminary or one of the following seminaries will be given in 1933-34.

Seminary in Advanced Principles of Education. Dr. Forest.
Two hours a week throughout the year.

Seminary in Principles of Education: Dr. Forest.
Two hours a week throughout the year.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers.
Three hours a week throughout the year

Spanish

PROFESSOR: JOSEPH E. GILLET, Ph.D.

GRADUATE COURSES

Two to four hours a week of seminary work or graduate courses are offered each year to graduate students of Spanish accompanied by the direction of private reading and original research.

Graduate Courses

The graduate seminaries in Spanish are varied from year to year in order that they may be pursued by a student for consecutive years. Only students having taken the prescribed tests in French and German will be accepted as candidates for the Ph.D. degree.

Seminary in Spanish: Dr. Gillet. *Two hours a week throughout the year.*
1933-34: Literary criticism in Spain.
1934-35: The Spanish drama of the Sixteenth Century.
1935-36: Cervantes, the *Novelas ejemplares* and the *Entremeses*.

Dr. Gillet offers in each year, if his time permits, the following graduate courses:

Spanish Philology. *One hour a week throughout the year.*

Old Spanish Readings. *One hour a week throughout the year*

ADVANCED UNDERGRADUATE COURSES

*Advanced
Courses*

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect these courses.

Full Year Courses.

Lectures on Spanish Literature of the Sixteenth Century and the Golden Age: Dr. Gillet. *Credit: One unit.*

The course includes collateral reading and reports.

Advanced and Free Spanish Composition: Dr. Gillet.

Credit: One-half unit.

LIBRARY

The Bryn Mawr College Library is designed to be as far as possible a library for special study. There are at present on its shelves about 143,000 bound volumes and 10,000 dissertations and pamphlets. Of special interest is the classical library of the late Professor Sauppe of Göttingen, the Semitic library of the late Professor Amiaud of Paris, the mathematical library of the late Professor Charlotte Angas Scott, the Germanic library of the late Professor Karl Detlev Jessen and the geology library of former Professor Florence Bascom.

The library is open daily except Sundays from 8 A. M. to 10 P. M. and on Sunday from 9 A. M. to 10 P. M. Books may be taken out by the students unless specially reserved for library reference use.

The sum of over fifteen thousand dollars is expended yearly for books under the direction of the heads of the several collegiate departments and in addition to many gifts of single books, about thirty thousand dollars has been presented to the library during the past twenty years for expenditure in special departments.

Students may enjoy also the privileges of *Haverford College Library* and the following:

The *Library Company of Philadelphia*, which contains about 260,000 volumes, divided between the Locust Street Building and the Ridgway Branch. Its valuable collection of pamphlets is not included in the number of volumes as given above. The Library is open from 9 A. M. to 5.30 P. M. and is open to students for consultation freely during these hours. To take books from the building a deposit must be made or subscriptions will be received as follows: \$12.00 for one year, \$6.00 for six months, \$4.00 for three months.

The *Mercantile Library*, which contains about 215,000 volumes. Private subscription, \$6.00 a year for two separate works at a time.

The *Library of the Academy of Natural Sciences*, which contains about 90,000 volumes. The Council of the Academy has generously conceded the use of its library and of its museum to the students of Bryn Mawr College.

The *Library of the University of Pennsylvania*, which contains about 550,000 volumes and 50,000 pamphlets. The custodians of this library have always been liberal in extending to the College inter-library loan courtesies.

The *Free Library of Philadelphia*, which contains over 625,000 volumes and 415,000 pamphlets and unbound documents and is at all times open to the students for consultation.

The *American Philosophical Society Library*, which contains about 70,000 volumes, admission by card from a member.

The *Historical Society of Pennsylvania Library*, which contains over 150,000 bound volumes and 250,000 pamphlets is for reference only. The collection of manuscripts is one of the best in the country, comprising 7,000 volumes containing over 1,000,000 items. Every courtesy is extended to members of the college and students and members of the Faculty are specially invited to all lectures delivered at the Library.

Over six hundred publications and reviews in the English, Greek, French, Italian, Spanish, German and Swedish languages are received by the library, as follows:

General and Miscellaneous Periodicals

American Mercury.	Library Quarterly.
American Review.	Literary Digest.
*Amherst Graduates' Quarterly.	Living Age.
Asia.	London Mercury.
Atlantic Monthly.	Mercure de France.
Berlin. Preuss. Akademie der Wissenschaften Sitzungsberichte.	Munich. Bayer. Akademie der Wissenschaft. Abhandlungen und Sitzungsberichte.
Bookman.	Musical Quarterly.
Bookman (English).	Nation, N. Y.
Book Review Digest.	New Outlook.
Books Abroad.	Neue Rundschau.
Bookseller.	New Republic.
*Bryn Mawr Alumnae Bulletin.	New Statesman and Nation.
Bulletin of Bibliography.	New York Times Index.
*Bulletin of the New York Public Library.	Nineteenth Century.
China Weekly Review.	North American Review.
Congressional Digest.	Nouvelle Revue Française.
Contemporary Review.	Nuova Antologia.
Cumulative Book Index.	Philadelphia Symphony Orchestra Program.
Deutsche Rundschau.	Preussische Jahrbücher.
English Review	Public Affairs Information Service Bulletin.
Foreign Affairs.	Publishers' Weekly.
Fortnightly Review.	Punch.
Forum and Century.	Quarterly Review.
Göttingen. Gesellschaft der Wissenschaften. Abhandlungen und Nachrichten.	Reader's Guide to Periodical Literature.
Göttingische Gelehrte Anzeigen.	Review of Reviews.
Harper's Monthly Magazine.	Revista de Occidente.
Hound and Horn.	Revista de la Biblioteca, Archiv y Museo.
Illustrated London News.	Revue Belge de Philologie ed d'Histoire.
L'Illustration.	Revue Critique d'Histoire et de Littérature.
International Index to Periodicals.	Revue de France.
Jahresverzeichnis der an den deutschen Universitäten und Technischen Hochschulen erschienenen Schriften.	Revue de Paris.
Leipzig. Säch. Akademie der Wissenschaften. Abhandlungen und Berichte.	Revue des Cours et Conférences.
Library Journal.	Revue des Deux Mondes.

Revue Politique et Littéraire; Revue Bleue.	Theater Arts Monthly.
Saturday Review, London.	*University of Missouri, Studies.
Saturday Review of Literature, N. Y.	*University of Nebraska, Studies.
Scientia.	*University of Texas, Studies.
Scribners Magazine.	*University of Washington, Studies.
Sewanee Review.	Westermann's Monatshefte.
Spectator.	Yale Review.
	Zeitschrift für Ästhetik.

Newspapers

*College News, Bryn Mawr.	Le Temps.
El Sol.	New York Times.
*Home News, Bryn Mawr.	Philadelphia Ledger.
London Times.	United States Daily.

Art and Archæology

Acropole.	Capitolium.
American Academy in Rome, Memoirs.	Dedalo.
American Journal of Archæology.	Emporium.
Die Antike.	Gazette des Beaux Arts.
Antiquity.	Hesperia.
Archæologike Ephemeris.	Jahrbuch der preussischen kunstsammlun- gen.
Archiv für Orientforschung.	Jahrbuch des Archäologischen Institute.
Archiv für Papyrusforschung.	Jahreshefte des Österreichischen Archäo- logischen Instituts in Wien.
Archivo espanol de Arte y Arqueologia.	Journal international d'archéologie numis- matique.
Art and Archæology.	Journal of Egyptian Archæology.
Art Bulletin.	Journal of Hellenic Studies.
Art Digest.	Metropolitan Museum Studies.
Art in America.	Mittheilungen des Deutschen Archæo- logischen Instituts, Athenische Abtei- lung und Römische Abteilung.
Art Index.	Monumenti Antichi.
L'Arte.	Museum Journal.
Beaux Arts.	*Museum of Fine Arts Bulletin, Boston.
Belvedere.	Notizie degli Scavi di Antichità.
Berliner Museen.	Parnassus.
Boletin de la Sociedad Española a Excur- siones.	Revue archéologique.
British School at Athens, Annual.	Revue de l'art.
*Bulletin of the Cleveland Museum of Art.	Syria.
Bulletin of the Metropolitan Museum of Art, New York.	Zeitschrift des Deutschen Palastina Vereins.
*Bulletin of the Rhode Island School of Design.	Zeitschrift für bildende kunst.
Buletino della Commissione archeologica comunale de Roma.	
Burlington Magazine.	

Economics and Politics

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| <p>*Advocate of Peace.
All Opinions of the U. S. Supreme Court.
*American Association for International Conciliation, Publications.
American City.
American Economic Review.
American Federationist.
American Journal of International Law.
American Political Science Review.
Annalist.
Annals of the American Academy of Political and Social Science.
Citizens' Business.
Columbia Law Review.
Commercial and Financial Chronicle.
*Congressional Record.
Economic Journal.
Economist, London.
Federal Reserve Bulletin.
Good Government.
Great Britain, Consolidated List of Parliamentary Publications.
Harvard Business Review.
Harvard Law Review.
Jahrbücher für Nationalökonomie und Statistik.
Johns Hopkins University Studies in Historical and Political Science.</p> | <p>*Journal du Droit international.
Journal of Comparative Legislation.
Journal of Criminal Law.
Journal of Political Economy.
Journal of the Royal Statistical Society.
League of Nations Official Journal.
League of Nations Treaty Series.
National Municipal Review.
National Tax Association Bulletin.
Paix par le Droit.
Political Quarterly.
Political Science Quarterly.
Polybiblion; Revue Bibliographique.
Proceedings of the Academy of Political Science.
Public Administration.
Public Management.
Publications of the American Economic Association.
Quarterly Journal of Economics.
*Revue de Droit international.
Revue General de Droit international.
Revue Municipale.
*U. S. Weekly Commerce Reports.
Zeitschrift für Kommunal Wirtschaft.
Zeitschrift für National Ökonomie.
Zeitschrift für Öffentliches Recht.</p> |
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Social Economy and Social Research

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| <p>*Advance.
American Child.
American Child Health Association, Transactions.
*American Flint.
American Journal of Public Health.
American Journal of Sociology.
American Labor Legislation Review.
American Management Association Publications.
*Bakers' Journal.
Better Times.
Bibliographie der Socialwissenschaften.
*Bridgeman's Magazine.
*Broom-makers' Journal.
*Bulletin of the New York State Department of Labor.
Bulletin of the Taylor Society.
*Carpenter.
*Chase Economic Bulletin.
Child Health Bulletin.
*Cigar Makers' Journal.
*Commercial Telegraphers' Journal.
*Electrical Workers' Journal.
*Elevator Constructor.
Eugenics Review.</p> | <p>Factory.
Family.
*Garment Worker.
*Granite Cutters' Journal.
Housing.
Human Factor.
Independent Woman.
Industrial Arts Index.
Industrial Bulletin.
Information Service.
*International Engineer.
International Labour Office Publications.
International Labour Review.
*International Musician.
International Quarterly of Adult Education.
*International Woodcarver.
Journal of American Statistical Association.
Journal of Heredity.
Journal of Industrial Hygiene.
Journal of Juvenile Research.
Journal of Social Hygiene.
Journal of Social Psychology.
*Journeyman Barber.
Labor Advocate.</p> |
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- *Labor Bulletin of the Massachusetts Bureau of Statistics.
Labor News.
Labour Magazine.
Labour Monthly.
Life and Labor Bulletin.
Locomotive Engineer's Journal.
- *Machinists' Monthly Journal.
Mental Hygiene.
- *Metal Polishers' Journal.
Ministry of Labour Gazette.
Monthly Labor Review.
National Consumers' League.
National Conference of Social Work, Bulletin and Proceedings.
New Leader.
- *Painter and Decorator.
- *Papermakers' Journal.
- *Patternmakers' Journal.
- *Paving Cutters' Journal.
Personnel.
- *Plasterer.
- *Plumbers, Gas and Steam Fitters Journal.
- *Public Health, Michigan.
- *Quarry Workers' Journal.
- *Railroad Telegrapher.
- *Railway Carmen's Journal.
- *Railway Maintenance of Way Employes' Journal.
Recreation.
- *Retail Clerks' International Advocate.
Revue des Etudes Coöperative.
Revue Internationale de Sociologie.
- *Shoeworkers' Journal.
- *Shop Review.
Social Forces.
Social Service Review.
Sociological Review.
Sociology and Social Research.
- *Specialty Salesman.
- *Stereotypers' and Electrotypers' Journal.
Survey.
- *Tailor.
- *Teamsters', Chauffeurs', Stablemen and Helpers' Magazine.
- *Textile Worker.
- *Trade Union News.
- *Typographical Journal.
Union Labor Record.
- *U. S. Bureau of Immigration, Publications.
- *U. S. Bureau of Labor Statistics, Bulletin.
- *U. S. Bureau of the Census, Publications.
- *U. S. Children's Bureau, Publications.
- *U. S. Department of Health, Bulletin.
- *University of Illinois, Studies in Social Sciences.
- *University of Minnesota, Studies in Social Sciences.
- *Woodcarver.

Education and Psychology

- American Journal of Psychology.
- Année psychologique.
- Archives de Psychologie.
- Archives of Psychology.
- Archiv für die gesammte Psychologie.
- British Journal of Educational Psychology.
- British Journal of Medical Psychology.
- British Journal of Psychology.
- Bulletin de l'Institut Psychologique.
- Child Development Abstracts.
- Comparative Psychology Monographs.
- Education.
- Education Index.
- Educational Administration.
- Educational Record.
- Elementary School Journal.
- Genetic Psychology Monographs.
- Harvard Monographs in Education.
- Industrial Education Magazine.
- Journal de Psychologie.
- Journal für Psychologie und Neurologie.
- Journal of Abnormal and Social Psychology.
- Journal of Applied Psychology.
- Journal of Comparative Psychology.
- Journal of Educational Psychology.
- Journal of Educational Research.
- Journal of Experimental Psychology.
- Journal of General Psychology.
- Journal of Higher Education.
- Journal of the American Association of University Women.
- National Education Association, Publications.
- National Society for the Study of Education, Yearbook.
- Neue Psychologische Studien.
- Pedagogical Seminary.
- Proceedings of the Society for Psychical Research.
- Progressive Education.

Psychological Abstracts.
 Psychological Bulletin.
 Psychological Clinic.
 Psychological Review.
 Psychological Review; Monograph Supplements.
 Psychological Review. Psychological Index.
 Psychologische Arbeiten.
 Psychologische Forschung.
 Review of Educational Research.
 Revue International de l'Enseignement Supérieur.
 Revue Universitaire.
 School and Society.

School Review.
 Supplementary Education Monographs.
 Teachers' College Contributions to Education.
 Teachers' College Record.
 U. S. Bureau of Education, Bulletin.
 University of California Publications, Education.
 Zeitschrift für angewandte Psychologie.
 Zeitschrift für pädagogische Psychologie.
 Zeitschrift für Psychologie und Physiologie der Sinnesorgane: 1. Abt., Zeitschrift für Psychologie. 2. Abt., Zeitschrift für Sinnesphysiologie.

History

American Historical Association, Reports.
 American Historical Review.
 Bulletin of the Institute of Historical Research.
 Camden Society, Publications.
 Current History.
 Economic History Review.
 English Historical Review.
 Great Britain, House of Commons, Parliamentary Debates.
 Historical Manuscripts Commission, Reports.
 Historische Vierteljahrschrift.
 Historische Zeitschrift.

History.
 *Illinois State Historical Society Journal.
 Journal of Modern History.
 Klio, Beiträge zur alten Geschichte.
 Mississippi Valley Historical Review.
 Pipe Roll Society, Publications.
 Rassegna Storica del Risorgimento
 Révolution française.
 Revue des Questions historiques.
 Revue historique.
 Round Table.
 Royal Historical Society, Transactions.
 Selden Society, Publications.
 Surrey Record Society, Publications.

Philology and Literature, Classical

Ægyptus.
 Bulletin de Correspondance hellénique.
 Classical Journal.
 Classical Philology.
 Classical Quarterly.
 Classical Review.
 Classical Weekly.
 Eranos.
 Glotta.
 Gnomon.
 Harvard Studies in Classical Philology.
 Hermes.
 Jahresbericht über die Fortschritte der klassischen Altertumswissenschaft.
 Journal of Roman Studies.

Mnemosyne.
 Neue Jahrbücher für Wissenschaft und Jugendbild.
 Philologische Wochenschrift.
 Philologus.
 Revue de Philologie.
 Revue des Études grecques.
 Rheinisches Museum für Philologie.
 Rivista di Filologia.
 Sokrates.
 Studi Italiani di Filologia classica.
 Studi Storici per l'Antichità classica.
 Wiener Studien, Zeitschrift für klassische Philologie.
 Year's Work in Classical Studies.

Philology and Literature, General and Comparative

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| <p>Acta Philologica Scandinavica.
 American Journal of Philology.
 Archiv für das Studium der neueren Sprachen.
 Arkiv for Nordisk Filologi.
 Dialect Notes.
 Indogermanische Forschungen.
 Journal of English and Germanic Philology.
 Journal of Philology.
 Medium Aevum.
 Neophilologus.</p> | <p>Philologica.
 Philological Quarterly.
 Philological Society, London, Publications.
 Revue Celtique.
 Revue de Linguistique Romane.
 Studia Neophilologica.
 Studies in Philology.
 Transactions of the American Philological Association.
 Zeitschrift für romanische Philologie.
 Zeitschrift für vergleichende Sprachforschung.</p> |
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Philology and Literature, Modern

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| <p>American Literature.
 Anglia.
 Archivum Romanicum.
 Beiblatt zur Anglia.
 Beiträge zur Geschichte der deutschen Sprache und Literatur.
 Bibliographical Society of America, Publications.
 Bibliographical Society of London, Transactions.
 Bonner Studien zur englischen Philologie.
 British Society of Franciscan Studies.
 Bulletin du Bibliophile.
 Bulletin hispanique.
 Bulletin of Spanish Studies.
 Chaucer Society Publications (both series).
 Critica.
 (La) Cultura.
 Deutsche Literaturzeitung.
 Deutsche Texte des Mittelalters.
 Early English Text Society, Publications (both series).
 Englische Studien.
 English Journal.
 Euphorion.
 Forschungen zur neueren literaturgeschichte.
 Germanic Review.
 Germanisch-romanische Monatsschrift.
 Giornale critico della filosofia Italiana.
 Giornale Dantesco.
 Giornale Storico della Letteratura italiana.
 Goethe Jahrbuch.
 Henry Bradshaw Society, Publications.
 Hispania.
 Jahrbuch der Deutschen Shakespeare Gesellschaft.
 Jahrbuch des Vereins für niederdeutsche Sprachforschung.</p> | <p>Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie.
 Language, journal.
 L'Italia che scriva.
 Literarisches Centralblatt.
 Literatur.
 Literaturblatt für germanische und romanische Philologie.
 Malone Society, Publications.
 Materialien zur Kunde des älteren englischen Dramas.
 Modern Language Journal.
 Modern Language Notes.
 Modern Language Review.
 Modern Languages.
 Modern Philology.
 Muttersprache.
 Nouvelles Littéraires.
 Notes and Queries.
 Palaestra.
 Poet-lore.
 Praeger deutsche Studien.
 Publications of the Modern Language Association.
 Quellen und Forschungen zur Sprach- und Kulturgeschichte der germanischen Völker.
 Rassegna Bibliografica.
 Review of English Studies.
 Revista de Filologia Española.
 Revue des Langues Romanes.
 Revue de Linguistique romane.
 Revue de Littérature Comparée.
 Revue de Philologie française.
 Revue d'Histoire Littéraire de la France.
 Revue Germanique.
 Revue Hebdomadaire.
 Revue Hispanique.
 Romania.</p> |
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Romanic Review.
 Romanische Forschungen.
 Scottish Text Society, Publications.
 Société des Anciens Textes Française,
 Publications.
 Société des Textes Français Modernes,
 Publications.
 Speculum.
 Studien zur englischen Philologie.
 Wiener Beiträge zur englischen Philologie.

The Writer.
 Yale Studies in English.
 Year's Work in English Studies.
 Zeitschrift für celtische Philologie.
 Zeitschrift für Deutschkunde.
 Zeitschrift für deutsche Philologie.
 Zeitschrift für deutsches Altertum und
 deutsche Litteratur.
 Zeitschrift für französische Sprache und
 Litteratur.

Philology and Literature, Semitic

American Journal of Semitic Languages
 and Literatures.
 Jewish Quarterly Review.
 Journal of the Royal Asiatic Society.

Zeitschrift für ägyptische Sprache und
 Altertumskunde.
 Zeitschrift für Assyriologie.

Philosophy and Religion

American Friend.
 *American Hebrew.
 Angelos.
 Anglican Theological Review.
 Annalen der Philosophie.
 Archiv für Geschichte der Philosophie.
 Archiv für Religionswissenschaft.
 Bulletin de la Société Française de Phil-
 osoophie.
 Christian Faith.
 *Christian Register.
 Expository Times.
 Harvard Theological Review.
 Hibbert Journal.
 International Journal of Ethics.
 Journal of Biblical Literature.
 Journal of Philosophy.
 Journal of Religion.
 Journal of Theological Studies.

Mind.
 Monist.
 Philosophical Review.
 Philosophy.
 Proceedings of the Aristotelian Society.
 *Publications of the American Jewish
 Historical Society.
 Religious Education.
 Revue biblique.
 Revue d'histoire de la Philosophie.
 Revue de l'histoire de Religions.
 Revue de Métaphysique.
 Revue philosophique.
 *Spirit of Missions.
 *Woman's Missionary Friend.
 Zeitschrift für Alttestamentliche Wissen-
 schaft.
 Zeitschrift für die Neutestamentliche Wis-
 senschaft.

Science, General

American Journal of Science.
 Atti della Reale Accademia delle Scienze
 di Torino.
 British Association for the Advancement
 of Science, Reports.
 Comptes Rendus des Séances de l'Aca-
 démie des Sciences.
 Journal of Scientific Instruments.
 Journal of the Washington Academy of
 Sciences.
 *Kansas University, Science Bulletin.
 Nature.
 Naturwissenschaften.
 *New York State Museum Bulletin.
 Philosophical Magazine.

Philosophical Transactions of the Royal
 Society of London.
 Proceedings of the American Philosophical
 Society.
 Proceedings of the National Academy of
 Sciences.
 Royal Society of London Proceedings,
 series B.
 Science.
 Scientific American.
 Scientific Monthly.
 *U. S. National Museum, Publications.
 *University of Missouri Studies, Sciences
 Series.

Science, Biology and Botany

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| <p>American Journal of Anatomy.
 American Journal of Physiology.
 American Naturalist.
 Anatomischer Anzeiger.
 Annual Review of Biochemistry.
 Archiv für die gesammte Physiologie.
 Archiv für Entwicklungsmechanik.
 Archiv für Protistenkunde.
 Biochemical Journal.
 Biochemische Zeitschrift.
 Biologisches Centralblatt.
 Botanisches Centralblatt.
 Genetics.
 *Illinois Biological Monographs.
 Jahrbücher für wissenschaftliche Botanik.
 Journal de Physiologie.
 Journal of Biological Chemistry.
 Journal of Experimental Medicine.
 Journal of Experimental Zoölogy.
 Journal of General Physiology.
 Journal of Genetics.
 Journal of Morphology.</p> | <p>Journal of Physiology.
 Journal of the Royal Microscopical Society.
 *Midland Naturalist.
 Physiological Abstracts.
 Physiological Reviews.
 Physiological Zoölogy.
 Quarterly Journal of Microscopical Science.
 *U. S. Public Health Service, Publications.
 *University of California Publications, Physiology.
 *University of California Publications, Zoölogy.
 *University of Toronto Studies, Biological Series.
 Zeitschrift für Physiologische Chemie.
 Zeitschrift für wissenschaftliche Zoologie.
 Zeitschrift für Zellforschung und mikroskopische Anatomie.
 Zoologischer Anzeiger.</p> |
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Science, Geology and Geography

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| <p>American Association of Petroleum Geologists. Bulletin.
 American Mineralogist.
 Annales de Geographie.
 Annotated Bibliography of Economic Geology.
 Bulletin of the Geological Society of America.
 Centralblatt für Mineralogie.
 Economic Geography.
 Geographical Journal.
 Geological Magazine.
 Geologisches Centralblatt.
 Geologists' Association, Proceedings.
 *Illinois Geological Survey Bulletin.
 Journal of Geology.</p> | <p>Journal of Sedimentary Petrology.
 Meteorologische Zeitschrift.
 Mineralogical Magazine.
 Mineralogische und Petrographische Mitteilungen.
 National Geographic Magazine.
 Neues Jahrbuch für Mineralogie, Geologie und Paläontologie.
 Pan-American Geologist.
 Quarterly Journal of the Geological Society.
 Revue de Geologie.
 *U. S. Monthly Weather Review.
 *University of Toronto Studies, Geological Series.</p> |
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Mathematics, Chemistry and Physics

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| <p>Acta Mathematica.
 American Journal of Mathematics.
 American Mathematical Monthly.
 Annalen der Chemie.
 Annalen der Physik.
 Annales de Chimie.
 Annales de l'Institut Henri Poincaré.
 Annales de Physique.
 Annales des Sciences de l'Université de Toulouse.</p> | <p>Annales scientifiques de l'Ecole Normale Supérieure.
 Annali di Matematica.
 Annals of Mathematics.
 Astrophysical Journal.
 Berichte der deutschen chemischen Gesellschaft.
 Bollettino di Matematica.
 British Chemical Abstracts.
 Bulletin de la Société Chimique de France.</p> |
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* Presented by the Publishers.

- Bulletin de la Société mathématique.
 Bulletin des Sciences mathématiques.
 Bulletin of the American Mathematical Society.
 Chemical Reviews.
 Chemisches Zentralblatt.
 Faraday Society Transactions.
 Fundamenta Mathematica.
 Giornale di Matematiche.
 Helvetica Chimica Acta.
 Jahrbuch der Chemie.
 Jahrbuch über die Fortschritte der Mathematik.
 Jahresbericht der deutschen Mathematiker Vereinigung.
 Journal de Chimie physique.
 Journal de Mathématiques.
 Journal de Physique et de le Radium.
 Journal für die reine und angewandte Mathematik.
 Journal für praktische Chemie.
 Journal of Chemical Physics.
 Journal of Physical Chemistry.
 Journal of the American Chemical Society.
 Journal of the London Chemical Society.
 Journal of the Optical Society.
 Kolloidzeitschrift.
- Mathematische Annalen.
 Mathematische Zeitschrift.
 Monatshefte für Chemie.
 Physical Review.
 Physikalische Zeitschrift.
 Physikalische zeitschrift der Sowjetunion.
 Proceedings of the London Mathematical Society.
 Quarterly Journal of Mathematics.
 Recueil des Travaux Chimique des Pays-Bas.
 Rendiconti del Circolo Matematico di Palermo.
 Review of Scientific Instruments.
 Reviews of Modern Physics.
 Revue Semestrielle de Publications Mathematiques.
 Science Abstracts.
 Transactions of the American Mathematical Society.
 U. S. Bureau of Standards Journal of Research.
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 Zeitschrift für Elektrochemie.
 Zeitschrift für Physik.
 Zeitschrift für physikalische Chemie.
 Zentralblatt für Mathematik.

LIST OF DISSERTATIONS

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* Mrs. Leicester Bodine Holland.

† Mrs. Beatrice A. Brooks.

§ Mrs. Raymond H. Carpenter.

‡ Mrs. Adolph Knopf.

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Reprint from *Bryn Mawr College Monographs, Monograph Series*, vol. 1, No. 1.
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* Mrs. Carleton Brown.

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* Mrs. Francis Greenleaf Allinson. Died 1932.

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* Mrs. George Courtenay Riley.

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- GOODFELLOW, CHARLOTTE ELIZABETH. *Fellow in Latin*
Coatesville, Pa. A.B. Mount Holyoke College 1929; M.A. Bryn Mawr College 1931. Graduate Scholar in Latin, Bryn Mawr College, 1929-30 and Fellow in Latin 1930-31; Holder of the Frances Mary Hazen Fellowship from Mount Holyoke College 1929-30 and 1931-32; Fanny Bullock Workman Fellow studying at Ludwig-Maximilians-Universität, Munich, 1931-32.
- AMES, VERA ADELA. *Fellow in Mathematics*
Milestone, Saskatchewan, Canada. B.A. University of Saskatchewan 1931 and M.A. 1932. Assistant in the Department of Mathematics, University of Saskatchewan, 1930-32.
- WALSH, DOROTHY. *Fellow in Philosophy*
Vancouver, British Columbia, Canada. B.A. University of British Columbia 1923; M.A. University of Toronto 1924; Graduate Student, University of Toronto, 1923-25; Fellow in Philosophy, Bryn Mawr College, 1925-26 and Reader in Philosophy and Graduate Student, 1927-28; Instructor in Philosophy and Psychology, Hood College, 1928-30 and Assistant Professor of Philosophy and Psychology, 1930-31; Mary Elizabeth Garrett European Fellow for 1928-29 (Scholarship held in 1931-32 at the University of Berlin).
- WHITE, GLADYS. *Fellow in Physics*
Durham, N. C. A.B. Duke University 1928 and M.A. 1929. Instructor in Physics, Winthrop College, 1929-31; Fellow in Physics, Bryn Mawr College, 1931-32.
- FEHRER, ELIZABETH VANDERBILT. *Fellow in Psychology*
New York City. A.B. Bryn Mawr College 1930; M.A. Columbia University 1931. Fellow in Psychology, Bryn Mawr College, 1931-32.
- FREDRICK, EDNA CAROLINE. *Fellow in Romance Languages*
South Hadley Falls, Mass. A.B. Mount Holyoke College 1927; M.A. Bryn Mawr College 1930. Teacher of French and Latin, High School, Millerton, N. Y., 1927-29; Graduate Scholar in French, Bryn Mawr College, 1929-30; Holder of Frances Mary Hazen Fellowship from Mount Holyoke College and Paul Hazard Scholar in French, Bryn Mawr College, 1930-31; Mary Elizabeth Garrett European Fellow studying at the University of Paris, 1931-32.

* Mrs. Kermit W. Oberlin.

- O'KANE, ELEANOR SERAPHIM.....*Fellow in Romance Languages*
 Philadelphia, Pa. A.B. Trinity College 1927; M.A. University of Pennsylvania 1933.
 Teacher of English, Public Schools of Puerto Rico, 1928-31; Graduate Student, University of Puerto Rico, 1930-31; Graduate Student, University of Pennsylvania, Sem. I, 1931-32 and Scholar in Romance Languages, Sem. II, 1931-32.
- BISHOP, JULIA ANN
Carola Woerishoffer Fellow in Social Economy and Social Research
 Abilene, Texas. A.B. Abilene Christian College 1924; M.A. Vanderbilt University 1926.
 Teacher of English and History, Roscoe High School, Texas, 1924-25 and in the Abilene High School, Texas, 1926-28; Grace H. Dodge Fellow in Social Economy, Bryn Mawr College, 1928-29 and Carola Woerishoffer Fellow in Social Economy and Social Research, 1929-30; Case Worker for Children's Aid Society of Pennsylvania, June 1930-April 1932 and Assistant Supervisor, Committee for Unemployment Relief of Philadelphia, April 1932-Sept. 1932.
- BOIE, MAURINE
Carola Woerishoffer Fellow in Social Economy and Social Research
 Minneapolis, Minn. B.S. University of Minnesota 1927 and M.A. 1932. Graduate Student and Assistant in the English Department, University of Minnesota, 1927-28 and Graduate Student in Sociology, 1931-32; Publicity Secretary, National Students Federation, 1928-29; Research Assistant and Instructor, Fisk University, 1929-31.
- BAILEY, DOROTHY.....*Grace H. Dodge Fellow in Social Economy*
 Minneapolis, Minn. A.B. University of Minnesota 1931. Carola Woerishoffer Scholar in Social Economy and Social Research, Bryn Mawr College, 1931-32.
- STOFLET, ADA MARGARET.....*Grace H. Dodge Fellow in Social Economy*
 Cedar Rapids, Iowa. A.B. Coe College 1931. Carola Woerishoffer Scholar in Social Economy and Social Research, Bryn Mawr College, 1931-32.

Foreign Scholars

- CRABTREE, MURIEL GRACE.....*British Scholar in Biology*
 Victoria, Australia. B.Sc. Melbourne University 1930 and M.Sc. 1931. Graduate Student, Melbourne University, 1930-32.
- RICHARDSON, CONSTANCE.....*British Scholar in Geology*
 Newcastle-on-Tyne, England. B.A. Newnham College, Cambridge, 1930; Graduate Student, Newnham College, 1930-31 and Research Student 1931-32. Holder of Harkness Research Scholarship from Cambridge University 1932-33.
- GERDUM, ANNELIESE.....*German Scholar in Social Economy*
 Kassel, Germany. University of Freiburg, summer 1928 and winter 1928-29; University of Bonn a/Rhein, summers 1929 and 1930, winter 1929-30; University of Frankfurt a/Main, winter 1930-31 to summer 1932; Diplom-Volkswirt, November 1931.
- STAERK, MELANIE FREDA.....*Swiss Scholar in Social Economy*
 Zurich, Switzerland. M.A. Bryn Mawr College 1933. University of Zurich, 1927-28 and 1930-31; University of Geneva, 1928-29; London School of Economics, 1929-30.

Graduate Scholars

- SHUMACKER, BABETTE LEYENS.....*Special Graduate Scholar in Biology*
 Chattanooga, Tenn. B.S. Louisiana State University 1931; M.S. University of Oklahoma 1932.
- BELLE ISLE, MARGARET AGNES.....*Graduate Scholar in Chemistry*
 Atlanta, Ga. A.B. Emory University 1932.
- MCCLURE, FRANCES LOUISE.....*Graduate Scholar in Classical Archaeology*
 Wheeling, W. Va. A.B. Mount Holyoke College 1931; M.A. Bryn Mawr College 1932.
 Holder of a Joseph A. Skinner Fellowship from Mount Holyoke College in the Graduate School of Bryn Mawr College 1931-32.
- MAXWELL, HELENA.....*Graduate Scholar in English*
 Santa Barbara, Calif. A.B. Santa Barbara State College 1929; Graduate Student, Stanford University 1930-31; Teaching Fellow and Graduate Student, University of Washington, 1931-32.
- TEMPLE, RUTH ZABRISKIE.....*Graduate Scholar in English*
 Passaic, N. J. A.B. Mount Holyoke College 1929; M.A. Radcliffe College 1930. Teacher of Upper School French, Passaic Collegiate School, 1930-31; Instructor in English Literature, Mount Holyoke College, 1931-32.

WEYGANDT, ANN MATLACK.....*Graduate Scholar in English*
Mount Airy, Philadelphia, Pa. A.B. Bryn Mawr College 1932 and M.A. 1933.

HALL, CATHARINE SOULE.....*Graduate Scholar in French*
Jamaica Plain, Boston, Mass. A.B. Boston University 1925; M.A. Middlebury College 1931. Middlebury College French Summer School, summers 1926, 1927, 1928, 1930, 1931; Teacher of French and Latin, West Pawlet Junior-Senior High School, West Pawlet, Vt. 1925-26 and Warren Junior High School, West Newton, Mass. 1928-29. Teacher of French and Latin, Northampton School for Girls, Northampton, Mass. 1926-28 and of French, 1929-31; Graduate Student, Smith College, Sem. I, 1930-31 and at University of Paris, Oct. 1931-Feb. 1932.

MANDELL, LENA LOIS.....*Graduate Scholar in French*
Worcester, Mass. A.B. Boston University 1929; M.A. Bryn Mawr College 1930. Student University of Paris, Jan.-Aug. 1929. Graduate Scholar in French, Bryn Mawr College, 1929-30 and Paul Hazard Scholar in French, 1930-31; Teacher of French, The Thorne School, Bryn Mawr, 1930-31; Assistant in Phonetics, Middlebury French Summer School, 1931; Instructor in French, Mount Holyoke College, 1931-32; Teacher of English Diction, Miss Wright's School, Bryn Mawr 1932-33.

BALK,* HELEN HOPPE.....*Graduate Scholar in Geology*
New York City. A.B. Hunter College 1932.

CHALMERS, MARY STURM.....*Graduate Scholar in German*
Canton, O. A.B. Oberlin College 1930; M.A. Northwestern University 1931. Part-time Instructor in German and Graduate Student in German, Bryn Mawr College, 1931-32.

ORMSBY, MARGARET ANCHORETTA
Graduate Scholar in History and Fellow by Courtesy
Vernon, British Columbia, Canada. B.A. University of British Columbia 1929, Teacher Training Certificate 1930 and M.A. 1931. Fellow in History, Bryn Mawr College and Holder of Scholarship from the Canadian Pioneer Problems Committee, 1931-32.

YASTINE, DOROTHY SHARPLESS.....*Graduate Scholar in History*
Bloomsburg, Pa. A.B. Mount Holyoke College 1930; M.A. Bryn Mawr College 1932. Graduate Student in History, Bryn Mawr College 1931-32.

NICHOLS, ELLEN STANBERY.....*Graduate Scholar in History of Art*
Medina, O. A.B. Oberlin College 1932; M.A. Bryn Mawr College 1933.

VOGEL, GRACE SYBIL.....*Graduate Scholar in Latin*
Winnipeg, Manitoba, Canada. Honors B.A. University of Manitoba 1932; M.A. Bryn Mawr College 1933.

LEVIN, MADELINE.....*Graduate Scholar in Mathematics*
Brooklyn, N. Y. A.B. Hunter College 1932; M.A. Bryn Mawr College 1933.

LYONS, MONA.....*Graduate Scholar in Mathematics*
Galt, Ontario, Canada. B.A. University of Toronto 1932; M.A. Bryn Mawr College 1933.

STEARNS, ISABEL SCRIBNER.....*Graduate Scholar in Philosophy*
Manchester, N. H. A.B. Smith College 1931; M.A. Bryn Mawr College 1933. Part-time Assistant in the Library and Graduate Student in Philosophy, Bryn Mawr College, 1931-32.

GOLDBERG, HARRIET LABE
Carola Woerishoffer Scholar in Social Economy and Social Research
St. Paul, Minn. L.L.B. University of Minnesota 1930 and A.B. 1932. Admitted to Minnesota Bar, 1930; Legal Research Assistant to Minnesota Commission on Criminal Apprehension, 1930-31; Private Practice of Law, 1931-32.

McWILLIAMS, MILDRED MARY
Carola Woerishoffer Scholar in Social Economy and Social Research
Minneapolis, Minn. A.B. University of Minnesota 1932.

BERLISS, RUTH ERNESTINE
Robert G. Valentine Scholar in Social Economy
New York City. A.B. Smith College 1932.

BUKETOFF, LUDMILLA.....*Graduate Scholar in Spanish*
Brooklyn, N. Y. A.B. New York University 1931; M.A. Kansas State University 1932. Assistant Instructor in Spanish and Graduate Student, Kansas State University, 1931-32.

* Mrs. Robert Balk.

DE ARMOND, ANNA JANNEY

Scholar of the Society of Pennsylvania Women in New York
Overbrook, Philadelphia, Pa. A.B. Swarthmore College 1932.

STEWART, ELIZABETH TREMAINE.....*Earlham College Scholar*
Richmond, Ind. A.B. Earlham College 1932.

Graduate Students

ALBRECHT, LOUISE FERGUSON. *Graduate Student in French and Education*
Buffalo, N. Y. A.B. Mount Holyoke College 1932. Apprentice teacher, The Baldwin
School, 1932-33.

APPEL, † MADELEINE HUNT.....*Graduate Student in Education*
Haverford, Pa. A.B. Vassar College 1917. Social and Industrial worker, 1917-24;
Teacher, Nursery School, 1925-26, 1929-33; Graduate Student in Education, Bryn
Mawr College, 1931-32.

BANCROFT, GERTRUDE

Graduate Student in Economics and Social Economy
Haverford, Pa. A.B. Bryn Mawr College 1930. Reader in Economics, Bryn Mawr
College, 1932-33, Assistant Warden of Pembroke Hall, Semester I and Warden of
Merion Hall, Semester II, 1932-33.

BARR, ETHEL STEWART.....*Graduate Student in Education*
Villanova, Pa. A.B. Wilson College 1923. Teacher of English and History, Gordon-
Roney School, 1923-26; Headmistress, 1926-30; Teacher of English, Arithmetic, Social
Science, Lyman School, Wynnewood, Pa., 1930-31; Teacher of English and Arithmetic,
Miss Wright's School, 1931-33; Graduate Student in Education, Bryn Mawr College,
1931-32.

BEST, MARJORIE STARR.....*Graduate Student in Geology*
Evanston, Ill. A.B. Smith College 1930; M.A. Bryn Mawr College 1932. Demonstrator
in Geology and Graduate Student, Bryn Mawr College, 1930-31 and 1932-33. Part-
time Demonstrator in Geology and Non-resident Scholar in Geology, Bryn Mawr
College, 1931-32.

BUTTERWORTH, VIRGINIA

Graduate Student in Social Economy and Economics
West Hartford, Conn. A.B. Bryn Mawr College 1932 and M.A. 1933.

CARROLL, ANNA BARBARA.....*Graduate Student in Education and English*
Uniontown, Pa. A.B. Mount Holyoke College 1932.

COLLINS, RUTH MULFORD.....*Graduate Student in English*
Piedmont, Calif. A.B. Mills College 1927; M.A. University of California 1929; M.A.
Bryn Mawr College 1930. Graduate Student, University of California, 1927-28;
Apprentice Teacher, Thorne School, Bryn Mawr and Graduate Student in English and
Education, Bryn Mawr College, 1928-29; Fellow in English, Bryn Mawr College,
1929-30 and Instructor in English and Graduate Student 1930-31; Helene and Cecil
Rubel Foundation Fellow studying in England, 1931-32; Warden of Rockefeller Hall,
Bryn Mawr College, 1932-33 and Instructor in English, Sem. II, 1932-33.

CREAGHEAD, ELIZABETH G.....*Graduate Student in Classical Archaeology*
Frankford, Pa. A.B. University of Cincinnati 1918. Registrar, Cincinnati Art Museum,
1919-25; Docent, University Museum, Philadelphia, 1925-29 and Head Docent,
1929-33.

CROSS, ROSAMOND.....*Graduate Student in History*
Lunenburg, Mass. A.B. Bryn Mawr College 1929. Teacher of History, Concord Academy,
Concord, Mass., 1929-32; Warden of Denbigh Hall, Bryn Mawr College, 1932-33.

DAUDON,* MARGARET DENT.....*Graduate Student in French*
Haverford, Pa. A.B. Bryn Mawr College 1920 and M.A. 1933. Teacher of French, the
Misses Kirk's School, Bryn Mawr, 1927-28; Teacher of French, Thorne School, 1928-31;
Part-time Instructor in French, Bryn Mawr College, 1928-33; Graduate Student, Bryn
Mawr College, 1930-32.

EDDY, RUTH BARDEN.....*Graduate Student in Mathematics*
Providence, R. I. A.B. Brown University 1932. Holder of the Anne Crosby Emery
Fellowship from Brown University at Bryn Mawr, 1932-33.

† Mrs. Kenneth E. Appel.

* Mrs. René Daudon.

- ENGLE, PAULINE BUBE. *Graduate Student in Chemistry and Mathematics*
Mount Joy, Pa. A.B. Bryn Mawr College 1932 and M.A. 1933.
- FERNON, ELLEN WATSON. *Graduate Student in History*
Frankford, Pa. A.B. Swarthmore College 1931; M.A. Bryn Mawr College 1933. Teacher
of History, the Misses Kirk's School and Graduate Student in History, Bryn Mawr Col-
lege, 1931-32.
- FLICK, BERENICE SCHEUER†. *Graduate Student in Education, Sem. II*
Upper Darby, Pa. A.B. Goucher College 1923. Teacher, Doylestown High School,
1923-24; Scranton Junior High School, 1924-26; Friends' Central School, Overbrook,
1927-33.
- FLOYD, REBA DELL‡. *Graduate Student in English*
Merion, Pa. A.B. University of Iowa 1922.
- FOWLER, ONA MEIGS. *Graduate Student in Biology and Chemistry*
New York City. A.B. Hillsdale College, 1918; M.S., University of Michigan, 1919.
Teacher of Biology and Chemistry, High School, Hacksville, O., 1919-21 and at the
Synodical Junior College, Fulton, Mo., 1921-26. Graduate Student and Assistant in
Zoology, University of Michigan, 1926-27; Instructor in Zoology, Lake Erie College,
1927-28; Graduate Scholar in Biology, Bryn Mawr College, 1928-29 and Fellow,
1929-30; Cancer Research Work, Skin and Cancer Hospital of Philadelphia, 1931-32.
- FRAME, MAUDE MELVINA
Graduate Student in Philosophy and History of Art
Philadelphia, Pa. A.B. University of Pennsylvania 1927. Reader and Graduate Student
in Philosophy, Bryn Mawr College, 1928-30; Graduate Scholar in Philosophy (non-
resident), 1930-31; Reader in Philosophy, 1931-33; Graduate Student in Philosophy
and History of Art, Bryn Mawr College, 1931-32.
- FULLARTON, JEAN DARLING. *Graduate Student in French*
Wilmington, Del. A.B. University of Delaware 1932; M.A. Bryn Mawr College 1933.
- FURLONG, FRANCES DESSEZ. *Graduate Student in French*
Annapolis, Md. A.B. Wellesley College 1924. Teacher of French and Latin, St.
Margaret's School, Tappahannock, Virginia, 1924-25; Teacher of French, the Misses
Kirk's School, Bryn Mawr, 1930-33.
- FUTCH, OLIVIA. *Graduate Student in Latin and Psychology*
Alachua, Fla. A.B. in Education, Florida State College for Women, 1927 and M.A. in
Education, August 1927. Teacher of Latin and English, Florida Schools, 1927-29.
Fellow in Education, Bryn Mawr College, 1929-31; Teacher of English and Latin,
Alachua High School, Alachua, Florida, 1931-32.
- GAFFNEY, ANNE MARY. *Graduate Student in English*
Philadelphia, Pa. A.B. Trinity College, 1932.
- GALLAND, GEORGETTE CÉLINE. *Graduate Student in French, Sem. I*
Bryn Mawr, Pa. A.B. Western College 1923; M.A. Mount Holyoke College 1924. Univer-
sity of Paris, 1925-29; Licence d'Anglais, 1929; Teacher of French, Shipley School,
1929-30, 1931-33; Graduate Student in French, Bryn Mawr College, 1931-32.
- GRANT, ANNA MARGARET CATHERINE. . . *Graduate Student in Mathematics*
Moncton, Canada. B.A. Dalhousie University 1925. Teacher, St. Hilda's School,
Calgary, Alberta, 1926-27; Teacher, Kemper Hall, Kenosha, Wis., 1927-29; Teacher,
Miss Fine's School, Princeton, N. J., 1929-31; Graduate Student in Mathematics and
Physics, Bryn Mawr College, 1931-32; Teacher of Mathematics, Miss Wright's School,
Bryn Mawr, 1932-33.
- GRANT, EDITH. *Graduate Student in Classical Archaeology, Sem. II*
Washington, D. C. A.B. Bryn Mawr College 1930. Assistant Warden of Pembroke
Hall, Bryn Mawr College, Semester II, 1932-33.
- GREER, DOROTHY WALKER
Graduate Student in Economics and Politics, Sem. II
North Adams, Mass. A.B. Smith College 1932.
- HADLEY, DOROTHY H. *Graduate Student in Music, Sem. I*
Bryn Mawr, Pa. A.B. Salem College, Winston-Salem, N. C., 1914. Technician, The
Infirmary, Bryn Mawr College, 1931-33.

† Mrs. Berenice Flick.

‡ Mrs. F. N. Floyd.

- HANDELMAN, PEARL.....*Graduate Student in English*
Astoria, L. I., N. Y. A.B. Hunter College 1930; M.A. Bryn Mawr College 1933.
Student at University of Montpellier, France, Oct. 1931-Jan. 1932. Holder of the
Helen Gray Cone Fellowship from Hunter College and a Scholarship from the Leopold
Shepp Foundation, 1932-33.
- HANNAH, ELIZABETH LUCIEMAY.....*Graduate Student in French*
Norristown, Pa. A.B. Bryn Mawr College 1932.
- HARRIS, MARION COMLY.....*Graduate Student in Education and English*
Moylan, Pa. A.B. Swarthmore College 1929. Assistant Nursery School Teacher, Wash-
ington Child Research Center, 1930-31; Pre-School Teacher, Haverford Friends School,
1931-33.
- HOWE, CHARLOTTE BRANDON.....*Graduate Student in English*
Indianapolis, Ind. A.B. Radcliffe College 1922 and M.A. 1930. Graduate Student,
Indiana University, 1924-25; Teacher of English, Shortridge High School, Indianapolis,
1925-28; House Mistress, Radcliffe College Dormitory, 1928-30; Director of Halls,
Bryn Mawr College, 1930-33.
- HUDSON, HELEN MILDRED.....*Graduate Student in Social Economy*
Norristown, Pa. A.B. Kalamazoo College 1918; M.A. American University 1927.
Administrative Secretary, W.A.B.F.M.S., 1918-22; Student Y.W.C.A. Secretary,
1922-23; Secretary to Congressman from Michigan, Washington, D. C., 1924-29;
Educational Secretary, Y.W.C.A., New Bedford, Mass., 1930-31; General Secretary,
Y.W.C.A., Norristown, Pa., 1931-33.
- HUMRICHOUSE, ANN STOCKTON.....*Graduate Student in French, Sem. I*
Ithan, Pa. A.B. Bryn Mawr College 1931. Graduate Student in French, Bryn Mawr
College, Sem. II, 1931-32.
- KOEMPEL, LESLIE ALICE.....*Graduate Student in Social Economy*
Hermosa Beach, Calif. A.B. University of California 1929. Graduate Student, Univer-
sity of California, 1929-30; Carola Woerishoffer Fellow in Social Economy and Social
Research, Bryn Mawr College, 1930-31; Grace H. Dodge Fellow in Social Economy,
Bryn Mawr College, 1931-32; Research Assistant in Social Economy, Bryn Mawr
College, 1932-33.
- LOCKLIN, ANNA PAULINE.....*Graduate Student in English*
Richford, Vt. A.B. Middlebury College 1920; M.A. University of Illinois, 1924. Teacher
of English and Latin, Montpelier High School, Montpelier, Vt., 1920-23; Instructor
in English, Pennsylvania State College, 1924-32; Graduate Student, Pennsylvania
State College, intermittently 1924-32.
- LOW, EMILY JANE.....*Graduate Student in French, Sem. II*
Kansas City, Mo. A.B. Bryn Mawr College 1931 and M.A. 1933. Graduate Scholar
in English, Bryn Mawr College, 1931-32.
- MILLER,* TODD MACGOWAN.....*Graduate Student in Psychology*
Narberth, Pa. A.B. Vassar College 1920; M.A. Bryn Mawr College 1933. Graduate
Student in Psychology, Bryn Mawr College, 1929-31; Graduate Student in Education,
Bryn Mawr College, 1931-32.
- MITCHILL, CATHARINE.....*Graduate Student in Chemistry and Biology*
Downingtown, Pa. A.B. Wellesley College 1931; Graduate Student, Radcliffe College,
1931-32.
- MOORES, † ELIZABETH NICHOLS.....*Graduate Student in Italian, Sem. I*
Rosemont, Pa. A.B. Bryn Mawr College 1893. Fellow in Biology, Bryn Mawr College
1893-95; Teacher of Biology, Philadelphia High School, 1895-96.
- MOTHER MARY ALPHONSUS.....*Graduate Student in French*
Rosemont, Pa. A.B. Villanova College 1930; M.A. University of Pennsylvania February,
1932. Graduate Student, University of Pennsylvania 1930-31; Teacher of French,
Rosemont College, 1931-33.
- MULLIN, MARY FRANCES.....*Graduate Student in English*
New York City. A.B. Hunter College 1932; M.A. Bryn Mawr College 1933.
- NEFF, FLOYD HALLARD.....*Graduate Student in Geology*
Philadelphia, Pa. A.B. Northwestern University 1915; M.A. Columbia University 1923.
Teacher of Mathematics, High School, Evansville, Wis., 1915-17; Teacher of Math-
ematics and Science, Montgomery Day School, 1919-32.

* Mrs. H. K. Miller, Jr.

† Mrs. Charles W. Moores.

- PARSONS, SUZANNE ESSEX.....*Graduate Student in Education*
Bala-Cynwyd, Pa. A.B. Vassar College 1932. Apprentice Teacher, Baldwin School,
1932-33.
- PATON,* KATHARINE HAZELTINE.....*Graduate Student in Greek, Sem. I*
Hartford, Conn. A.B. Wellesley College 1908; B.D. Hartford Theological Seminary
1922. Teacher of English, Montclair High School, Montclair, N. J., 1909-14; Graduate
Student, Hartford Theological Seminary 1914-16 and 1921-22; Teacher of English,
Hartford High School, Hartford, Conn., 1916-21; Assistant Professor of Biblical
Literature, Mount Holyoke College, 1922-25; Assistant Professor of Old Testament
Literature, Hartford Theological Seminary 1931-32 and Lecturer in Biblical Literature,
Bryn Mawr College, 1932-33.
- PATTERSON, MARCIA LEWIS.....*Graduate Student in Latin and Greek*
Hempstead, N. Y. A.B. Sweet Briar College 1932.
- POKRANTZ, ELSIE.....*Graduate Student in German*
Gibson, Iowa. A.B. Coe College 1918; M.A. University of Nebraska 1924. Teacher, Iowa
High Schools, 1918-22; Instructor in German and French and Graduate Student,
University of Nebraska, 1922-24; Head of Modern Languages Department, McPherson
College, McPherson, Kansas, 1924-26; Instructor in German and Graduate Student,
University of Nebraska, 1926-29; Graduate Student, University of Chicago, 1929-30;
Instructor in German and Graduate Student, Bryn Mawr College, 1930-33.
- QUANTIUS, LUCENA.....*Graduate Student in Psychology and Education*
McPherson, Kan. A.B. Kansas University 1931. Graduate Student in Psychology,
Bryn Mawr College, 1931-32.
- RAINES,† BARBARA GOLDBERG
Graduate Student in Mathematics and Physics
Brooklyn, N. Y. A.B. Hunter College 1929; M.A. Columbia University 1931. Tutor
in Physics, Hunter College, 1929-32; Part-time Demonstrator in Physics, Bryn Mawr
College, 1932-33.
- RAPP,‡ ELIZABETH COMER
Graduate Student in History and French, Sem. I
Narberth, Pa. A.B. Bryn Mawr College 1925 and M.A. 1926. Graduate Student,
Columbia University, 1926-28. Teacher of History, Halsted School, Yonkers, N. Y.,
1926-27, and Teacher of History, Economics and Government, The Gibbs School, Boston,
1928-30. Teacher of History, The Thorne School, 1930-31; Graduate Student in
History, Semester I, Bryn Mawr College, 1930-31; Teacher of French, The Holman
School, Ardmore, Pa., 1931-33.
- ROBINSON, CATHERINE PALMER.....*Graduate Student in French*
New York City. A.B. Bryn Mawr College 1920 and M.A. 1921. Scholar in French, Bryn
Mawr College, 1920-21; Teacher, Rosemary Hall, Greenwich, Conn., 1921-22; Graduate
Student, University of Paris, 1922-23; Marine Insurance, 1924-29; Secretary to the
Dean of the Graduate School and Senior Resident of Radnor Hall, Bryn Mawr
College, 1929-33 and Graduate Student, 1929-32.
- SISTER MARY CLETUS.....*Graduate Student in Mathematics, Sem. I*
Rosemont, Pa. A.B. Hunter College 1918; M.A. University of Pennsylvania 1932.
Electrical Engineeress, Western Electric Company, 1918-Feb. 1922; Teacher of
Mathematics, DeWitt Clinton High School, N. Y., Feb. 1922-1925, at St. Walburga's
Academy, N. Y. 1925-26 and at Sharon Hill Academy, Pa., 1926-29. Teacher at the
West Philadelphia Catholic Girls' High School, 1929-31; Teacher of Mathematics
and Physics, Rosemont College, 1932-33.
- SISTER MARY NORBERT.....*Graduate Student in English*
Rosemont, Pa. A.B. Bryn Mawr College 1919; M.A. University of Pennsylvania 1923.
Teacher of English, Public High School, Philadelphia, 1920-25 and at Sharon Hill
Academy, Pa., 1927-29. Teacher of English, Rosemont College, 1929-33. Graduate
Student in English, Bryn Mawr College, 1929-31.
- STADIE,§ AMANDA BRUGGER.....*Graduate Student in Education*
Philadelphia, Pa. A.B. Mount Holyoke College 1918. Assistant, Medical Library,
Yale University, 1918-22; Teacher, Nursery School, Haverford, Pa., 1931-33.
- STAUFFER, RUTH CAROLINE.....*Graduate Student in Mathematics*
Harrisburg, Pa. A.B. Swarthmore College 1931; M.A. Bryn Mawr College 1933.
Graduate Scholar in Mathematics, Bryn Mawr College, 1931-32.

* Mrs. Lewis B. Paton.

† Mrs. Arnold Raines.

‡ Mrs. Richard W. Rapp.

§ Mrs. William C. Stadie.

- TAYLOR,* IRMGARD WIRTH.....*Graduate Student in German*
Media, Pa. M.A. University of Pennsylvania 1930; University of Tübingen, 1917-18;
University of Marburg, 1918-19; University of Frankfurt, 1919-21; University of Penn-
sylvania, 1925-26, 1929-31; Worker of the American Friends Service Committee
Relief, 1920-21; Teacher, Rose Valley School, 1930-33; Part-time Instructor in German,
Bryn Mawr College, 1931-33; Graduate Student in German, Bryn Mawr College,
1931-32.
- THOMPSON, MARJORIE LA MONTE.....*Graduate Student in English*
Haverford, Pa. A.B. Bryn Mawr College 1912. Teacher of English, Baldwin School,
Bryn Mawr, Pa., 1918-22; Instructor in English, Bryn Mawr College, 1923-26; Editor,
Bryn Mawr Alumnae Bulletin, 1927-33. Graduate Student, Bryn Mawr College,
Sem. I, 1912-13, Sem. I, 1922-23 and Sem. I, 1925-26.
- TILTON, EMILY KATHARINE.....*Graduate Student in Italian and French*
Waban, Mass. A.B. Wellesley College 1928; M.A. Radcliffe College 1931. University
of Florence, Italy, 1928-29; Graduate Student Radcliffe College 1930-31; Part-time
Instructor in Italian, Bryn Mawr College, 1932-33.
- WARD, ALINE.....*Graduate Student in Education, Sem. II*
Bryn Mawr, Pa. A.B. Hollins College 1914; M.A. George Washington University 1923.
Instructor in French and German, Lander College 1907-08; Instructor in German,
Sweet Briar College 1910-16; Library Assistant, District of Columbia Public Library,
intermittently 1919-30. Instructor in District of Columbia Public Library Training
School, 1920-22; Teacher of Primary Grades, The Harcum School, Bryn Mawr, 1932-33.
- WEISS,† VICTORIA BRODKIN.....*Graduate Student in Chemistry*
Rosemont, Pa. A.B. Hunter College Feb. 1927; M.A. Radcliffe College Feb. 1930.
Graduate Student, Columbia University and Teacher of Biology, Junior High School,
New York City, 1927-28; Graduate Student, Radcliffe College, 1928-29, 1930-32; Grad-
uate Student, University of Freiburg, 1929-30.
- WATSON,‡ AMEY EATON.....*Graduate Student in Social Economy*
Haverford, Pa. A.B. Pembroke College in Brown University 1907; M.A. University of
Pennsylvania 1910; Ph.D. Bryn Mawr College 1924. Teacher, Miss Wheeler's Private
School, 1907-08; Social Worker, New York Association for Improving the Condition of
the Poor, 1908-09; Engenics Research Worker, Engenics Record Office, Cold Spring
Harbor and Engenics Research worker, Agricultural College, Logan, Utah, 1910-12;
Instructor in the Department of Social Sciences, University of Utah, 1912-13; Member
of the Faculty, Pennsylvania School for Social and Health Work, 1918-26; Executive
Secretary, Parents' Council, Philadelphia, 1925-26; Executive Secretary, Philadelphia
Council on Household Occupations, 1927-29; Director, National Committee on
Employer-Employee Relationships in the Home, 1929-31 and Member, 1931-33;
Graduate Student in Education, Bryn Mawr College, 1931-32.
- WELLS,§ STELLA DUERINGER.....*Graduate Student in German, Sem. I*
Bryn Mawr, Pa. B.S. Northwestern University 1915; M.A. Bryn Mawr College 1931.
Teacher of German, Township High School, Lawrenceville, Ill., 1915-17; Executive
Secretary, Y. W. C. A., Chicago and Detroit, 1917-22; Graduate Student, Radcliffe
College, 1922-23; Graduate Student in German, Bryn Mawr College, 1925-27, 1929-32.
Student, University of Berlin, 1927-28; Tutor in German, the Baldwin School, Bryn
Mawr, Pa., 1929-30.
- WOODWORTH, ALEGRA.....*Graduate Student in History*
Bryn Mawr, Pa. A.B. Bryn Mawr College 1925 and M.A. 1931. Teacher of History and
Algebra, The Ethel Walker School, Simsbury, Conn., 1925-27; Teacher of History,
The Shipley School, Bryn Mawr, 1927-33. Graduate Student, Bryn Mawr College,
1927-32.
- WRIGHT, EDITH ARMSTRONG.....*Graduate Student in French*
St. Davids, Pa. A.B. Mount Holyoke College 1927; B.S. in L.S. Drexel Institute 1928;
M.A. Bryn Mawr College 1930. Assistant, Bryn Mawr College Library, 1928-29;
Graduate Student in French, Bryn Mawr College, 1929-32.

SUMMARY OF GRADUATE STUDENTS

European Fellows.....	5
Helen Schaeffer Huff Memorial Research Fellow.....	1
Resident Fellows.....	20
Scholar and Fellow by Courtesy.....	1
Scholars.....	26
Graduate Students.....	63
Total.....	116

* Mrs. Robert G. Taylor.

† Mrs. Paul Weiss.

‡ Mrs. Frank D. Watson.

§ Mrs. Roger H. Wells.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest, or award which is to be devoted to scholarships, fellowships, or the endowment of professors' chairs in accordance with the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$10,000 yields sufficient income at present to provide tuition for one undergraduate or two graduate students at Bryn Mawr College.

Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
to be invested and preserved inviolably for the endowment
 of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Date.....

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BRYN MAWR COLLEGE

CALENDAR

UNDERGRADUATE COURSES

1934

ADDENDA

Received too late for inclusion in Academic Appointment List.

HOWARD HAINES BRINTON, PH.D., *Lecturer-elect in Biblical Literature.*
A.B. Haverford College 1904 and M.A. 1905; M.A. Harvard University 1909; Ph.D. University of California 1924. Instructor, Friends Boarding School, Barnesville, Ohio, 1906-08, Pickering College, Newmarket, Ontario, Canada, 1909-15; Professor of Mathematics, Guilford College, Guilford, N. C., 1915-19, Acting President, 1917-18, Dean, 1918; Publicity Director, American Friends Service Committee, 1919-20; Director of Child Feeding in plebiscite area, Upper Silesia, 1920-21; Professor of Physics, Earlham College, 1922-28; Professor of Religion, Mills College, 1928-1934; Swarthmore Lecturer, London, 1931; Research Fellow, Woodbrook College, Selly Oak College, England, autumn 1931; Lecturer in Philosophy, Haverford College, spring 1932; Acting Director of Pendle Hill, Wallingford, Pa., 1934—. Lecturer-elect in Biblical Literature, Bryn Mawr College, 1934.

BRYN MAWR, PENNSYLVANIA

Published by Bryn Mawr College

Vol. XXVII. Number 1. May, 1934.

Entered as second class matter, March 23, 1908, at the post-office, Bryn Mawr, Pennsylvania, under Act of July 16, 1894.

BRYN MAWR COLLEGE CALENDAR

1934

- Number 1. Undergraduate Courses.
- Number 2. Graduate Courses.
- Number 3. Address Book of Alumnae and Former Students.
- Number 4. The Library and Halls of Residence, Plans and Descriptions.

BRYN MAWR COLLEGE

1934							1935							1936																											
JULY							JANUARY							JULY							JANUARY							JULY													
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S							
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The fiftieth academic year will close with the conferring of Degrees at eleven o'clock, on June 5, 1935.

COLLEGE CALENDAR

1934-35

FIRST SEMESTER

College Entrance Board Condition Examinations begin	September 17
College Entrance Board Condition Examinations end	September 21
Halls of Residence open to the entering class at 3 P. M.	September 26
Registration of Freshmen	September 27
Radnor Hall opens to new Graduate Students at 9 A. M.	September 29
Registration of new Graduate Students	September 29
Halls of Residence open to all students at 8 P. M.	September 30
Registration of students	October 1
Examinations for advanced standing begin	October 1
Deferred and condition examinations begin	October 1
The work of the fiftieth academic year begins at 8.45 A. M.	October 2
Examination in German for Seniors conditioned, 9-10.30 A. M.	October 6
Examination in German for M.A. candidates, 9-10.30 A. M.	October 6
Deferred and condition examinations end	October 6
Examinations for advanced standing end	October 6
Examination in French for Seniors conditioned, 9-10.30 A. M.	October 13
Examination in French for M.A. candidates, 9-10.30 A. M.	October 13
Examination in German for M.A. candidates, 8-9.30 P. M.	November 21
Examination in French for M.A. candidates, 9-10.30 A. M.	November 24
Thanksgiving vacation begins at 12.45 P. M.	November 28
Thanksgiving vacation ends at 9 A. M.	December 3
Ph.D. Language examinations	December 8
Christmas vacation begins at 12.45 P. M.	*December 21
Christmas vacation ends at 9 A. M.	January 7
Last day of lectures	January 18
Half-yearly collegiate examinations begin	January 21
Ph.D. Language examinations	January 21
Collegiate examinations end	February 1
Vacation	February 4

SECOND SEMESTER

The work of the second semester begins at 9 A. M.	February 5
Announcement of Graduate European Fellowships	March 15
Spring vacation begins at 12.45 P. M.	*March 29
Spring vacation ends at 9 A. M.	April 8
Deferred and condition examinations begin	April 8
Deferred and condition examinations end	April 13
Ph.D. Language examinations	April 13
Examinations in French for Juniors	April 27
Examinations in German for Juniors	May 4
Last day of lectures	May 17
Collegiate examinations begin	May 20
Collegiate examinations end	May 31
Baccalaureate Sermon	June 2
Conferring of degrees and close of fiftieth academic year	June 5

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict students will be required to make up the work in the free hours.

COLLEGE CALENDAR

1935-36

FIRST SEMESTER

College Entrance Board Condition Examinations begin	September 16
College Entrance Board Condition Examinations end	September 20
Halls of Residence open to the entering class at 3 P. M.	September 25
Registration of Freshmen	September 26
Radnor Hall opens to new Graduate Students at 9 A. M.	September 28
Registration of new Graduate Students	September 28
Halls of Residence open to all students at 8 P. M.	September 29
Registration of students	September 30
Examinations for advanced standing begin	September 30
Deferred and condition examinations begin	September 30
The work of the fifty-first academic year begins at 8.45 A. M.	October 1
Examination in German for Seniors conditioned, 9-10.30 A. M.	October 5
Examination in German for M.A. candidates, 9-10.30 A. M.	October 5
Deferred and condition examinations end	October 5
Examinations for advanced standing end	October 5
Examination in French for Seniors conditioned, 9-10.30 A. M.	October 12
Examination in French for M.A. candidates, 9-10.30 A. M.	October 12
Examination in German for M.A. candidates, 8-9.30 P. M.	November 20
Examination in French for M.A. candidates, 9-10.30 A. M.	November 27
Thanksgiving vacation begins at 12.45 P. M.	November 23
Thanksgiving vacation ends at 9 A. M.	December 2
Ph.D. Language examinations	December 7
Christmas vacation begins at 12.45 P. M.	*December 20
Christmas vacation ends at 9 A. M.	January 6
Last day of lectures	January 17
Half-yearly collegiate examinations begin	January 20
Ph.D. Language examinations	January 20
Collegiate examinations end	January 31
Vacation	February 3

SECOND SEMESTER

The work of the second semester begins at 9 A. M.	February 4
Announcement of Graduate European Fellowships	March 20
Spring vacation begins at 12.45 P. M.	*March 27
Spring vacation ends at 9 A. M.	April 6
Deferred and condition examinations begin	April 6
Deferred and condition examinations end	April 11
Ph.D. Language examinations	April 11
Examinations in French for Juniors	April 25
Examinations in German for Juniors	May 2
Last day of Lectures	May 15
Collegiate examinations begin	May 18
Collegiate examinations end	May 29
Baccalaureate Sermon	May 31
Conferring of degrees and close of fifty-first academic year	June 3

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict students will be required to make up the work in the free hours.

BRYN MAWR COLLEGE

BRYN MAWR COLLEGE was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his lifetime the site of the college at Bryn Mawr, five miles west of Philadelphia, was purchased and the buildings were begun. At his death in January, 1880, he left the greater part of his estate for the foundation and maintenance of an institution of higher education for women. In 1880 the college was incorporated under the laws of Pennsylvania and was invested with the power to confer degrees; in 1883 the trustees issued a circular of information; in 1884 a President, Dr. James E. Rhoads, and a Dean of Faculty, Miss M. Carey Thomas, were elected, plans were matured and academic appointments were made. In the spring of 1885 the first catalogue was issued and in the autumn of the same year the college began its first academic year.

On the death of President Rhoads in 1893, Dean Thomas was elected to the presidency, which office she held until she reached the age of retirement in 1922. President Marion Edwards Park was elected to the presidency in 1922.

Bryn Mawr College has believed always in the value of small classes and limits the total enrollment of undergraduates to about four hundred and resident graduates to less than one hundred. From the first it has been the policy of the trustees to organize no department in which they could not provide for graduate as well as undergraduate study offered by the same faculty.

Bryn Mawr College confers the degrees of Bachelor of Arts, Master of Arts and Doctor of Philosophy.

The departments of the college are:

Biblical Literature	History
Biology	History of Art
Chemistry	Italian
Classical Archæology	Latin
Comparative Philology and Linguistics	Mathematics
Economics and Politics	Music
Education	Philosophy
English	Physics
French	Psychology
Geology	Social Economy
German	Spanish
Greek	

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RICHARD M. GUMMERE
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MILLICENT CAREY McINTOSH**

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OWEN D. YOUNG
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VIRGINIA MCKENNEY CLAIBORNE§§
Alumnæ Director, 1930-35
FLORANCE WATERBURY
Alumnæ Director, 1931-36
LOUISE FLEISCHMANN MACLAY***
Alumnæ Director, 1932-37
GERTRUDE DIETRICH SMITH††
Alumnæ Director, 1933-38

ELEANOR LITTLE ALDRICH†††
Alumnæ Director-elect, December, 1934-39

* Mrs. Henry Goddard Leach.
** Mrs. Rustin McIntosh.
† Mrs. F. Louis Slade.
‡ Mrs. William G. Hibbard.
§ Mrs. Learned Hand.

†† Mrs. Angus Macdonald Frantz.
§§ Mrs. Robert W. Claiborne.
*** Mrs. Alfred B. Maclay.
†† Mrs. Herbert Knox Smith.
††† Mrs. Talbot Aldrich.

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CAROLINE McCORMICK SLADE
Vice Chairman
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J. HENRY SCATTERGOOD
FRANCES FINCKE HAND
VIRGINIA KNEELAND FRANTZ
VIRGINIA McKENNEY CLAIBORNE
LOUISE FLEISCHMANN MACLAY
GERTRUDE DIETRICH SMITH

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and Grounds*

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SUSAN FOLLANSBEE HIBBARD
*Chairman of Sub-Committee on
Halls*
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MARION EDWARDS PARK
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J. STOGDELL STOKES
FRANCES FINCKE HAND
FLORANCE WATERBURY
LOUISE FLEISCHMANN MACLAY

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Chairman
J. HENRY SCATTERGOOD
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SUSAN FOLLANSBEE HIBBARD
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ACADEMIC YEAR, 1933-34

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MARION EDWARDS PARK, PH.D., LL.D. Office: Taylor Hall.

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Director of Admissions and Assistant to the Dean

JULIA WARD, A.B. Office: Taylor Hall.

Assistant to the President

DOROTHY MACDONALD, A.B. Office: Taylor Hall.

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CHARLOTTE BRANDON HOWE, M.A. Office: Rockefeller Hall.

Wardens of the Halls of Residence

CHARLOTTE BRANDON HOWE, M.A., Rockefeller Hall (*Head Warden*).

EDITH GRANT, A.B., Rockefeller Hall (*Assistant*).

ROSAMOND CROSS, A.B., Denbigh Hall.

ELLEN WATSON FERNON, M.A., Merion Hall.

JOSEPHINE McCULLOCH FISHER, A.B., Pembroke Hall East.

DOROTHY WALSH, M.A., Pembroke Hall West.

KATHERINE MARY PEEK, M.A., Wyndham.

CATHERINE PALMER ROBINSON, M.A., Radnor Hall (*Senior Resident*).

College Physician

MARJORIE JEFFERIES WAGONER, M.D. Office: The Infirmary.

Consultant in Psychiatry and Mental Hygiene

EARL D. BOND, M.D., 707 Old Lancaster Road, Bryn Mawr.

Director of Physical Education and Supervisor of Health

JOSEPHINE PETTS. Office: The Gymnasium.

Director of the Bureau of Recommendations

LOUISE FROST HODGES CRENSHAW, A.B. Office: Taylor Hall.

Librarian

LOIS ANTOINETTE REED, A.B., B.L.S. Office: The Library.

Comptroller

SANDY LEE HURST. Office: Taylor Hall.

Superintendent

JOHN J. FOLEY. Office: Rockefeller Hall.

ACADEMIC APPOINTMENTS

ACADEMIC YEAR, 1933-34

TEACHING

MARION EDWARDS PARK, PH.D., LL.D., *President of the College.*

A.B. Bryn Mawr College 1898, M.A. 1899 and Ph.D. 1918. Holder of the Bryn Mawr European Fellowship, 1898-99 and Graduate Student, Bryn Mawr College, 1898-99, 1912-14, 1916-17; American School of Classical Studies, Athens, Greece, 1901-02; Instructor in Classics, Colorado College, 1902-06 and Assistant Professor of Classics, 1914-15; Teacher in Miss Wheeler's School, Providence, R. I., 1906-09; Acting Dean of Bryn Mawr College, 1911-12; Dean of Simmons College, 1918-21; Dean of Radcliffe College, 1921-22; President of Bryn Mawr College, 1922—.

M. CAREY THOMAS, PH.D., LL.D., L.H.D., *President Emeritus of the College.*

A.B. Cornell University 1877; Ph.D. University of Zurich 1882. Studied at the Johns Hopkins University, 1877-78; University of Leipsic, 1879-81. Student in the Sorbonne and Collège de France, 1883; Dean of the Faculty of Bryn Mawr College and Professor of English, 1885-94 and President of the College and Professor of English, 1894-1922.

HELEN TAFT MANNING, PH.D., *Dean of the College.*

A.B. Bryn Mawr College 1915; M.A. Yale University 1916 and Ph.D. 1924. Dean of Bryn Mawr College, 1917-19 and 1925—, Acting President, 1919-20 and 1929-30.

EUNICE MORGAN SCHENCK, PH.D., *Professor of French and Dean of the Graduate School and Holder of a Special Grant.*

A.B. Bryn Mawr College 1907 and Ph.D. 1913. Graduate Student, Bryn Mawr College, 1909, Graduate Scholar, 1909-10 and Fellow in Romance Languages, 1912-13; President's European Fellow and Student in the Sorbonne, Collège de France, University of Grenoble and in Madrid, 1910-12; Reader in French, Bryn Mawr College, 1913-14, Associate in French, 1914-16, Dean of the College and Associate Professor of French, 1916-17, Associate Professor, 1917-25, Professor, 1925— and Dean of the Graduate School, 1929—.

FLORENCE BASCOM, PH.D., *Professor Emeritus of Geology.*

A.B. University of Wisconsin 1882, B.Sc. 1884 and M.A. 1887; Ph.D. Johns Hopkins University 1893. Assistant in Geology and Instructor in Petrography, Ohio State University, 1893-95; Reader in Geology, Bryn Mawr College, 1895-96, Lecturer, 1896-98, Associate, 1898-1903, Associate Professor, 1903-06 and Professor, 1906-1928.

WILLIAM BASHFORD HUFF, PH.D., *Professor Emeritus of Physics.*

A.B. University of Wisconsin 1889; M.A. University of Chicago 1896; Ph.D. Johns Hopkins University 1900. Lecture Assistant in Physics, Johns Hopkins University, 1899-1900, Assistant, 1900-01 and Instructor, 1901-02; Associate in Physics, Bryn Mawr College, 1902-06, Associate Professor, 1906-09 and Professor, 1909-32.

WILMER CAVE WRIGHT, PH.D., *Professor Emeritus of Greek.*

Girton College, University of Cambridge, England, 1888-92; Graduate in Honours, Cambridge Classical Tripos, 1892; Ph.D., University of Chicago, 1895. Fellow in Greek, Bryn Mawr College, 1892-93; Fellow in Latin, University of Chicago, 1893-94 and Fellow in Greek, 1894-95; Reader in Greek and Latin, University of Chicago, 1895-96; Reader in Classical Literature, Bryn Mawr College, 1897-99, Associate in Classical Literature, 1899-1901, Associate in Greek, 1901-04 and 1905-07, Associate Professor, 1907-1921 and Professor, 1921-33.

JAMES H. LEUBA, PH.D., *Professor Emeritus of Psychology.*

B.S. University of Neuchatel 1886; Ph.D. Clark University 1896. Scholar in Psychology, Clark University, 1892-93 and Fellow in Psychology, 1893-95. Associate in Psychology and Education, Bryn Mawr College, 1897-1904, Associate Professor 1904-06 and Professor, 1906-33.

REGINA KATHARINE CRANDALL, PH.D., *Professor Emeritus of English Composition.*

A.B. Smith College 1890; Ph.D. University of Chicago 1902. Graduate Student, University of Chicago, 1893-94 and Fellow in History, 1894-96; Assistant in History, Smith College, 1896-99; Instructor in History, Wellesley College, 1899-1900; Reader in English, Bryn Mawr College, 1902-16, Director of English Essay Work, 1913-16, Associate in English, 1916-17, Associate Professor of English Composition 1917-18 and Professor, 1918-33.

HENRY NEVILL SANDERS, PH.D., *Alumnæ Professor of Greek.*

Edinburgh University, 1887-88; Göttingen University, 1894-95. A.B. Trinity University, Toronto, 1894 and M.A. 1897; Ph.D. Johns Hopkins University 1903. Fellow in Greek, Johns Hopkins University, 1897-98; Lecturer in Greek, Latin and Sanskrit, McGill University, 1898-1902; Associate Professor of Greek, Bryn Mawr College, 1902-05 and Professor, 1905—.

WILLIAM ROY SMITH, PH.D., *Professor of History.*

A.B. University of Texas 1897 and M.A. 1898; Ph.D. Columbia University 1903. Acting Professor of History and Political Science, University of Colorado, 1900-01; Lecturer in History, Barnard College, 1901-02; Reader in History, Bryn Mawr College, 1902-03, Associate, 1903-07, Associate Professor, 1907-14 and Professor, 1914—.

LUCY MARTIN DONNELLY, A.B., *Mary Elizabeth Garrett Memorial Alumnæ Professor of English and Holder of the Lucy Martin Donnelly Grant.*

A.B. Bryn Mawr College 1893. University of Oxford and University of Leipsic, 1893-94; Sorbonne and Collège de France and University of Leipsic, 1894-95; Reader in English, Bryn Mawr College, 1896-1903, Lecturer, 1903-08, Associate Professor, 1908-11 and Professor, 1911—.

DAVID HILT TENNENT, PH.D., *Professor of Biology and Holder of a Julius and Sarah Goldman Grant.*

B.S. Olivet College 1900; Ph.D. Johns Hopkins University 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904 and 1912; Lecturer in Biology, Bryn Mawr College, 1904-05, Associate, 1905-06, Associate Professor, 1906-12 and Professor, 1912—, Visiting Professor, Keio University, 1930-31.

MARION PARRIS SMITH, PH.D., *Professor of Economics.*

A.B. Bryn Mawr College 1901 and Ph.D. 1907. Graduate Student, Bryn Mawr College, 1902-05, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07; Reader in Economics and Politics, Bryn Mawr College, 1907-08, Associate in Economics, 1908-12, Associate Professor, 1912-16 and Professor, 1916—.

GRACE MEAD ANDRUS DE LAGUNA, PH.D., *Professor of Philosophy.*

A.B. Cornell University 1903 and Ph.D. 1906. Sage Scholar in Philosophy, Cornell University, 1903-05; Reader in Philosophy, Bryn Mawr College, 1907-08, Associate 1911-16, Associate Professor, 1916-29 and Professor, 1929—.

SAMUEL CLAGGETT CHEW, PH.D., *Professor of English Literature and Holder of The Mary Hill Swope Grant.*

A.B. Johns Hopkins University 1909 and Ph.D. 1913. Fellow, Johns Hopkins University, 1910-12; Associate in English, Bryn Mawr College, 1914-16, Associate Professor, 1916-20 and Professor, 1920—.

SUSAN MYRA KINGSBURY, PH.D., *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research.*

A.B. College of the Pacific 1890; M.A. Leland Stanford Jr. University 1899; Ph.D. Columbia University 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Department, Simmons College, 1906-07; Assistant, Associate and Professor in Economics, Simmons College and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15; Carola Woerishoffer Professor of Social Economy and Social Research, Bryn Mawr College, 1915—.

GEORGIANA GODDARD KING, M.A., *Professor of the History of Art and Holder of a Special Grant.*

A.B. Bryn Mawr College 1896 and M.A. 1897. Fellow in Philosophy, Bryn Mawr College, 1896-97 and Fellow in English, 1897-98; Studied at Collège de France, Semester I, 1898-99; Reader in English, Bryn Mawr College, 1906-10, Reader in English and Lecturer in Art, 1910-11, Lecturer in History of Art and Comparative Literature, 1911-15, Associate Professor of History of Art, 1915-16 and Professor, 1916—.

RHYS CARPENTER, PH.D., *Professor of Classical Archaeology and Greek and Holder of a Julius and Sarah Goldman Grant.*

A.B. Columbia University 1911 and Ph.D. 1916; B.A. University of Oxford 1911 and M.A. 1914. Rhodes Scholar, Balliol College, Oxford, 1908-11; Drisler Fellow in Classics, Columbia University, 1911-13; Student, American School of Classical Studies at Athens, 1912-13. Lecturer in Classical Archaeology, Bryn Mawr College, 1913-15, Associate Professor, 1915-18 (absent for military service, 1917-19) and Professor,

1918—. Attached to American Commission to Negotiate Peace at Paris, 1918-19. (On leave of absence to fill the post of Annual Professor at the American Academy in Rome, 1926-27 and Director of the American School of Classical Studies at Athens, 1927-32.)

CHARLES GHEQUIERE FENWICK, PH.D., *Professor of Political Science.*

A.B. Loyola College 1907; Ph.D. Johns Hopkins University 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, Summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14; Lecturer in Political Science, Bryn Mawr College, 1914-15, Associate Professor, 1915-18 and Professor, 1918—.

HOWARD LEVI GRAY, PH.D., *Marjorie Walter Goodhart Professor of History and Holder of the Marjorie Walter Goodhart Grant.*

A.B. University of Rochester 1897; A.B. Harvard University 1898, M.A. 1900 and Ph.D. 1907. Instructor in History, Harvard University, 1909-13 and Assistant Professor, 1914-15; Professor of History, Bryn Mawr College, 1915— (absent for government service, 1918-19).

JAMES LLEWELLYN CRENSHAW, PH.D., *Professor of Physical Chemistry.*

A.B. Centre College 1907 and M.A. 1908; Ph.D. Princeton University 1911. Assistant Chemist in the Geophysical Laboratory of the Carnegie Institution, Washington, D. C., 1910-15; Associate in Physical Chemistry, Bryn Mawr College, 1915-18, Associate Professor, 1918-25 (absent for military service, 1917-19) and Professor, 1925—.

SAMUEL ARTHUR KING, M.A., *Non-resident Lecturer in English Diction.*

M.A. University of London 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902; Non-resident Lecturer in English Diction, Bryn Mawr College, 1902—.

ANNA PELL-WHEELER,* PH.D., Sc.D., *Professor of Mathematics.*

A.B. University of South Dakota 1903; M.S. University of Iowa 1904; M.A. Radcliffe College 1905; Ph.D. University of Chicago 1910. Instructor in Mathematics, Mount Holyoke College, 1911-14 and Associate Professor of Mathematics, 1914-18; Associate Professor of Mathematics, Bryn Mawr College, 1918-25, Professor, 1925-27, Non-resident Lecturer, 1928-30 and Semester II, 1930-31 and Professor, 1931—.

CHARLES WENDELL DAVID, PH.D., *Professor of European History.*

A.B. University of Oxford 1911; M.A. University of Wisconsin 1912; Ph.D. Harvard University 1918. Rhodes Scholar, University of Oxford, 1908-11. Instructor in History, University of Washington, 1915-18; Associate Professor of European History, Bryn Mawr College, 1918-27 and Professor, 1927—.

MARY HAMILTON SWINDLER, PH.D., *Professor of Classical Archaeology.*

A.B. University of Indiana 1905 and M.A. 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Greek, Bryn Mawr College, 1906-07 and Fellow in Greek, 1907-09; Mary E. Garrett European Fellow and Student, University of Berlin and the American School of Classical Studies in Athens, 1909-10; Acting Dean of Women, University of Indiana, summers, 1911, 1913; Reader in Latin and Demonstrator in Art and Archaeology, Bryn Mawr College, 1912-16, Instructor in Latin and Classical Archaeology, 1916-21, Associate, 1921-25, Associate Professor, 1925-31 and Professor, 1931—. Editor-in-Chief, American Journal of Archaeology, 1932—.

HORACE ALWYNE, F.R.M.C.M., *Professor of Music and Director of the Department of Music.*

Holder of Sir Charles Hallé Memorial Scholarship, 1909-12, Gold Medallist and graduate (with distinction) of Royal Manchester College of Music, England, 1912. Honorary Fellow, Royal Manchester College of Music, 1924. Director of Music, Manchester Grammar School, 1911-12; Head of Piano Department, Skidmore School of Arts, Saratoga Springs, N. Y., 1914-21; Student of Professor Max Mayer (England) and Professor Michael von Zadora (Berlin); Associate Professor of Music, Bryn Mawr College, 1921-27 and Professor, 1927—.

ROGER HEWES WELLS, PH.D., *Professor of Economics and Politics.*

A.B. Northwestern University 1916; M.A. Harvard University 1921 and Ph.D. 1923. Teacher in the High School, Quincy, Illinois, 1916-17; On military service, 1917-19; Assistant in Government, Harvard University, 1920-22; Austin Teaching Fellow in Government, Harvard University, 1922-23; Assistant in Government, Radcliffe College, 1922-23; Associate in Economics and Politics, Bryn Mawr College, 1923-27; Associate Professor, 1927-33 and Professor, 1933—. Guggenheim Fellow in Germany, 1927-28.

* Granted leave of absence for the year 1934-35.

JOSEPH E. GILLET, PH.D., *Professor of Spanish.*

Ph.D. University of Liège 1910. Assistant Lecturer in French, University of Edinburgh, 1910-11; Student in the Universities of Paris, Leyden, Munich and Berlin, 1911-13; Instructor in German, University of Wisconsin, 1913-15; Associate in Comparative Literature and Romance Languages, University of Illinois, 1915-18; (absent for military service, 1918-19); Student in Spain, 1919-20; Assistant Professor of Romance Languages, University of Minnesota, 1921-24; Associate Professor of Spanish, Bryn Mawr College, 1924-29 and Professor, 1929—; Visiting Professor, Princeton University, Semester I, 1928-29 and 1929-30.

AGNES LOW ROGERS, * PH.D., *Professor of Education and Psychology.*

M.A. St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D. Columbia University 1917. Marion Kennedy Student and Research Scholar, Columbia University, 1914-15, Research Fellow, 1915-16 and Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25; Professor of Education and Psychology, Bryn Mawr College, 1925—.

MAX DIEZ, PH.D., *Associate Professor of German Literature.*

A.B. Washington University 1909 and M.A. 1910; Ph.D. University of Texas 1916. Fellow in German, Washington University, 1909-10; Assistant in German, University of Wisconsin, 1910-11; Instructor in German, Washington University, 1911-15; Assistant Professor of German, University of Texas, 1915-18; (war service, 1918-19); Professor of German, Centre College, 1921-25; Associate in German, Bryn Mawr College 1925-27 and Associate Professor, 1927—.

HENRY JOEL CADBURY, PH.D., *Professor of Biblical Literature and Holder of the Rufus M. Jones Grant.*

A.B. Haverford College 1903; M.A. Harvard University 1904 and Ph.D. 1914. Master in Westtown School, 1905-08; Instructor, Assistant Professor and Associate Professor in Biblical Literature, Haverford College, 1910-19; Instructor in Greek, 1910-11; Associate Professor of Greek, 1918-19; Lecturer and Assistant Professor of New Testament Interpretation, Andover Theological Seminary, 1919-26; Lecturer on the Old Testament, Episcopal Theological School, Cambridge, 1924-26; Assistant Professor of New Testament Interpretation, Harvard University, 1922-26; Professor of Biblical Literature, Bryn Mawr College, 1926-34.

LILY ROSS TAYLOR, † PH.D., *Professor of Latin.*

A.B. University of Wisconsin 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Latin, Bryn Mawr College, 1906-07, Fellow, 1907-08, Reader, 1908-09 and Reader and Demonstrator in Archaeology, 1910-12; Instructor in Latin, Vassar College, 1912-19; Fellow of the American Academy in Rome, 1917-18, 1919-20; Assistant Professor of Latin, Vassar College, 1919-22, Associate Professor, 1922-25 and Professor, 1925-27. Professor of Latin, Bryn Mawr College, 1927—.

GRACE FRANK, A.B., *Non-resident Professor of Old French Philology.*

A.B. University of Chicago 1907. Graduate Student, Bryn Mawr College, 1908-10, 1913-16; Universities of Göttingen and Berlin, 1911; University of Pennsylvania, 1918-19; Lecturer in Romance Philology, Bryn Mawr College, 1926-27, non-resident Associate Professor of Old French Philology, 1927-33 and non-resident Professor, 1933—.

EMMY NOETHER, PH.D., *Visiting Professor of Mathematics.*

University of Erlangen, Germany, 1907; Privat dozent, Göttingen, Germany, 1919 and Associate Professor, 1922. Visiting Professor of Mathematics, Bryn Mawr College, 1933—.

MARGARET GILMAN, ‡ PH.D., *Associate Professor of French.*

A.B. Bryn Mawr College 1919, M.A. 1920 and Ph.D. 1924. Graduate Scholar in French, 1919-20 and Fellow in French, 1920-22; Fellow, Ecole Normale Supérieure de Sèvres and Student, University of Paris, 1922-23; Instructor in French, Bryn Mawr College, 1923-26, Associate, 1926-30 and Associate Professor, 1930—.

ILSE FOREST, † PH.D., *Associate Professor of Education.*

B.S. Teachers College, Columbia University, 1922 and M.A. 1923; Ph.D. Columbia University 1927. Teacher and Critic, Kindergarten and Elementary Grades, 1915-23; Demonstration Teacher, State Normal School, New Paltz, New York, 1923-24; Laura Spelman Rockefeller Fellow, Columbia University, 1925-26; Professor of Child Psychology, Iowa State Teachers College, 1926-27; Associate in Education, Bryn Mawr College, 1927-28 and Associate Professor, 1928—.

* On leave of absence for the years 1932-34.

† Granted leave of absence for the year 1934-35.

‡ On leave of absence Semester II of the year 1933-34.

STEPHEN JOSEPH HERBEN, JR., PH.D., *Associate Professor of English Philology.*

B.Litt. Rutgers University 1920; M.A. Princeton University 1921 and Ph.D. 1924. Graduate Student, Columbia University, summer, 1922; Fellow of the American Scandinavian Foundation, University of Copenhagen, 1922-23; Special Coach in Old English, Oxford University, 1923-24. Contributing consultant for C. and G. Merriam and Company, 1926-27. Instructor in English, Princeton University, 1924-28. Associate Professor of English Philology, Bryn Mawr College, 1928—.

FRITZ MEZGER, PH.D., *Associate Professor of Germanic Philology.*

Ph.D. University of Berlin 1921. Studied at the University of Tübingen, 1911-12, University of Munich, 1912-13, University of Geneva, 1913, University of Paris, 1913-14, University of Munich, 1919, University of Berlin, 1920-22. Instructor in German, Harvard University, 1927-28; Associate Professor of Germanic Philology, Bryn Mawr College, 1928—.

THOMAS ROBERT SHANNON BROUGHTON, PH.D., *Associate Professor of Latin.*

B.A. University of Toronto 1921 and M.A. 1922; Ph.D. Johns Hopkins University 1928. Student, University of Chicago, spring 1922 and 1923 and summer 1925. Rogers Fellow, Johns Hopkins University, 1925-26 and 1927-28; Instructor in Greek, Amherst College, 1926-27; Associate in Latin, Bryn Mawr College, 1928-30 and Associate Professor, 1930—.

JEAN M. F. CANU,* *Agrégé de l'Université, Associate Professor of French.*

Licencié-ès-lettres, 1917 and *Agrégé de l'Université*, University of Paris, 1920. Professor, Lycée of Alger, 1920-21, Lycée of Beauvais, 1921-23, Lycée of Bordeaux, 1923-26; Laura Spelman Rockefeller Memorial Fellow, 1926-28; Associate Professor of French, Bryn Mawr College, 1928—.

HARRY HELSON,* PH.D., *Professor of Experimental Psychology.*

A.B. Bowdoin College 1921; M.A. Harvard University 1922 and Ph.D. 1924. Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28; Associate Professor of Experimental Psychology, Bryn Mawr College, 1928-33 and Professor, 1933—.

ERNEST WILLOUGHBY, A.R.C.M., *Associate in Music.*

A.R.C.M. London 1922. Organist and Choir Master, Ross Parish Church, 1913-15. Suborganist and Choir Director, Hereford Cathedral, Music Master, Hereford Cathedral School, England; Assistant Director, Hereford Choral Society and Hereford Orchestral Society and Hereford Musical Festival, 1918-22. Instructor in Music, Bryn Mawr College, 1923-29 and Associate, 1929—.

MARGUERITE LEHR, PH.D., *Associate in Mathematics.*

A.B. Goucher College 1919; Ph.D. Bryn Mawr College 1925. Reader and Graduate Student in Mathematics, Bryn Mawr College, 1919-21, President's European Fellow and Fellow in Mathematics, 1921-22, Fellow by Courtesy and Graduate Scholar in Mathematics, 1922-23; American Association of University Women Fellow and Student, University of Rome, 1923-24; Instructor in Mathematics, Bryn Mawr College, 1924-29 and Associate, 1929—.

MARY SUMMERFIELD GARDINER, PH.D., *Associate Professor of Biology.*

A.B. Bryn Mawr College 1918, M.A. 1924 and Ph.D. 1927. Information Secretary, Y. W. C. A. Hostess House, Camp Mills, L. I., 1918-19; Secretary and Social Worker, Henry Street Settlement, New York City, 1920-21; Warden of Denbigh Hall, Bryn Mawr College, 1921-24 and of Pembroke Hall West, 1925-27. Graduate Student, Bryn Mawr College, 1922-24 and 1925-27 and University Student, London, 1924-25; Instructor in Biology, Bryn Mawr College, 1927-29 and Assistant to the Dean, Semester II, 1928-29, Associate in Biology and Assistant to the Dean, 1929-30, Associate in Biology, 1930-31 and Associate Professor, 1931—.

ENID GLEN, PH.D., *Associate in English.*

A.B. University of Manchester 1923; University Teachers' Diploma 1924 and Ph.D. 1926. Graduate Scholar in English, University of Manchester, 1923-24 and John Bright Fellow in English Literature, 1925-26; Frances Riess Fellow, University of Michigan, 1926-27. Instructor in English, Vassar College, 1927-28; Staff Tutor in Literature, Loughborough College (University of Nottingham), 1928-29; Associate in English, Bryn Mawr College, 1929—.

MADELEINE SOUBEIRAN,† *Agrégée de l'Université, Associate in French.*

École Normale Supérieure de Sèvres 1924-27. *Agrégée de l'Université*, University of Paris, 1927. Teacher in Lycée, Aix-en-Provence, 1927-29; Associate in French, Bryn Mawr College, 1929—.

* Granted leave of absence for the year 1934-35.

† On leave of absence Semester I of the year 1933-34.

CAROLINE ROBBINS, PH.D., Associate in History.

A.B. University of London 1924 and Ph.D. 1926. Christie Research Fellow in History at Royal Holloway College and the Institute of Historical Research, London, 1924-26; Riggs Fellow at the University of Michigan, 1926-27; Instructor in History, College for Women, Western Reserve University, 1927-28; Instructor in History, Bryn Mawr College, Semester II, 1928-29 and 1929-30 and Associate, 1930—.

GUSTAV A. HEDLUND,* PH.D., Associate and Associate Professor-elect of Mathematics.

A.B. Harvard University 1925 and Ph.D. 1930; M.A. Columbia University 1927. Instructor in Mathematics, Hunter College, 1925-27; Part-time Instructor in Mathematics and Graduate Student, Harvard University, 1927-30; Instructor in Mathematics, Radcliffe College, 1928-30; Associate in Mathematics, Bryn Mawr College, 1930-33 and Associate Professor-elect, 1934.

ANGELINE HELEN LOGRASSO, PH.D., Associate Professor of Italian.

A.B. University of Rochester 1917 and M.A. 1918; Ph.D. Radcliffe College, 1927. Graduate Student in Romance Languages, Columbia University, summers 1919, 1920 and 1923. Graduate Student in History, Harvard University, summer, 1921. Rebecca Greene Fellow, Radcliffe College, 1925-26 and 1926-27; Augustus Anson Whitney Travelling Fellow in England, France and Italy, 1927-28; Instructor in Romance Languages, University of Rochester and the East High School, Rochester, 1917-25; Assistant Professor of French and Italian, University of Rochester, 1928-30; Associate Professor of Italian, Bryn Mawr College, 1930—.

EDWARD H. WATSON, PH.D., Associate Professor of Geology.

A.B. Johns Hopkins University 1925 and Ph.D. 1929. Instructor in Geology, Johns Hopkins University, 1928-30; Associate in Geology, Bryn Mawr College, 1930-33 and Associate Professor, 1933—.

NELSON KELLOGG RICHTMYER, PH.D., Associate in Chemistry.

A.B. Harvard University 1923, M.A. 1925 and Ph.D. 1927. Research Assistant in Chemistry, Harvard University, 1927-28 and 1929-30; Research Student, University of Heidelberg, 1928-29; Associate in Chemistry, Bryn Mawr College, 1930-34.

MILDRED FAIRCHILD, PH.D., Associate and Associate Professor-elect of Social Economy.

A.B. Oberlin College 1916 and M.A. 1925; Ph.D. Bryn Mawr College 1929. On Staff of Fisk University, 1916-18; War Camp Community Service, 1918-20; Playground and Recreation Association of America, 1920-22; Oberlin College Campaign Field Organizer, 1923. Fellow in Social Economy and Social Research, Bryn Mawr College, 1925-27; Research Assistant in Social Economy and Graduate Student, Bryn Mawr College, 1927-28. Gamma Phi Beta Fellow of the American Association of University Women and Student, London School of Economics, 1928-29. Traveller in Russia and Research Worker on the Condition of Women in Industry under the auspices of the Society for the Advancement of Cultural Relations with Russia 1929-30; Associate in Social Economy and Social Research, Bryn Mawr College, 1930-34 and Associate Professor-elect, 1934.

LINCOLN DRYDEN, PH.D., Associate and Associate Professor-elect of Geology.

A.B. Johns Hopkins University 1925 and Ph.D. 1930. Geologist with the Maryland Geological Survey, summers 1927, 1929; Assistant Geologist with the Sinclair Exploration Company in Venezuela, 1928; Associate in Geology, Bryn Mawr College, 1930-34 and Associate Professor-elect, 1934.

MILTON CHARLES NAHM, B.LITT., PH.D., Associate and Associate Professor-elect of Philosophy.

A.B. University of Pennsylvania 1925 and M.A. 1926; B.A. Oxford University 1928 and B.Litt. 1929; Ph.D. University of Pennsylvania 1932. Rhodes Scholar, 1926-29. Instructor in Philosophy, University of Pennsylvania, 1929-30; Lecturer in Philosophy, Bryn Mawr College, 1930-31, Associate, 1931-34 and Associate Professor-elect, 1934.

VALENTIN MÜLLER, PH.D., Associate Professor of Classical Archaeology.

Ph.D. University of Berlin 1915. Student at the University of Goettingen, 1908, at Munich, 1909, at Bonn, 1910-12 and at Berlin, 1913-15. Assistant at the Archaeological Seminary of the University of Berlin, 1919-21; Fellow Traveller of the German Archaeological Institute at Rome, 1921-23; Privatdozent, University of Berlin, 1923-29; Extraordinary Professor, University of Berlin, 1929-31. Associate Professor of Archaeology, Bryn Mawr College, Semester II, 1931-32, 1932—.

JANE MARY DEWEY, PH.D., Associate Professor of Physics.

A.B. Barnard College 1922; Ph.D. Massachusetts Institute of Technology 1925. Barnard College International Fellow, University Institute of Theoretical Physics, Copenhagen, 1925-26; Rask-Orsted Foundation Fellow, Copenhagen, 1926-27; National

* On leave of absence for the year 1933-34.

Research Council Fellow, Princeton University, 1927-29; Research Fellow, University of Rochester, 1929-31; Associate in Physics, Bryn Mawr College, 1931-33 and Associate Professor, 1933—.

PAUL WEISS, PH.D., Associate Professor of Philosophy.

B.S.S. College of the City of New York 1927; M.A. Harvard University 1928 and Ph.D. 1929. University Scholar, Harvard University, 1927-28; Sears Scholar in Philosophy, 1928-29; Sears Traveling Scholar in Philosophy at Freiburg, Germany and the Sorbonne, 1929-30; Instructor and Tutor in Philosophy, Harvard University and Instructor, Radcliffe College, 1930-31; Associate in Philosophy, Bryn Mawr College, 1931-33 and Associate Professor, 1933—.

ERNEST WESLEY BLANCHARD, PH.D., Associate Professor of Biology.

Ph.B. Brown University 1927; M.S. State University of Iowa 1929; Ph.D. Princeton University 1930. Graduate Assistant in Zoology, State University of Iowa, 1927-29; Instructor, summer session, Iowa University, 1929; Research Assistant, Princeton University, 1929-30; Assistant Professor of Zoology, University of Maryland, 1930-31; Associate in Biology, Bryn Mawr College, 1931-33 and Associate Professor, 1933—.

WILLIAM WELCH FLEXNER, PH.D., Associate in Mathematics.

B.S. Harvard University 1926; M.A. Princeton University 1927 and Ph.D. 1930. Fellow in Mathematics, Princeton University, 1927-28, Proctor Fellow, 1928-29, Research Associate, 1929-30 and Instructor, 1930-31. Lecturer in Mathematics, Bryn Mawr College, 1931-32 and Associate, 1932—.

MYRA RICHARDS JESSEN, PH.D., Associate in German.

A.B. Bryn Mawr College 1915 and Ph.D. 1932. Teacher, Friends Central School, Philadelphia, 1920-21, the Baldwin School, Bryn Mawr, 1921-24; Graduate Student, Bryn Mawr College, 1922-24 and 1926-28, University of Hamburg, Semester II, 1924-25; Anna Ottendorfer Memorial Research Fellow studying at the University of Berlin, 1928-29; Instructor in German, Bryn Mawr College, 1923-28 and 1929-32; Associate, 1932—.

WALTER C. MICHELS, PH.D., Associate and Associate Professor-elect of Physics.

E.E. Rensselaer Polytechnic Institute 1927; Ph.D. California Institute of Technology 1930. Teaching Assistant in Physics, California Institute of Technology, 1927-29 and Teaching Fellow, 1929-30; National Research Fellow in Physics, Princeton University, 1930-32. Associate in Physics, Bryn Mawr College, 1932-34 and Associate Professor-elect, 1934.

LELAH MAE CRABBS, PH.D., Lecturer in Education.

B.S. Columbia University 1917, M.A. 1922 and Ph.D. 1925. Assistant Principal, Harvard Demonstration Primary School, Milton, Mass., 1914-16; Principal, Elementary Department, Mary C. Wheeler Town and Country School, Providence, R. I., 1916-20; Associate, Elementary Education, Measurements and Research, Teachers College, Columbia University, 1922-23; Supervisor psychology and educational measurements, Rutherford, N. J., 1922-24; Lecturer, Elementary Education, 1923-25; Psychologist and Psychological Research Worker, Merrill-Palmer Home Training School, Detroit, Mich., 1925-28; Research Associate in Psychology and Assistant Professor in Education, Teachers College, Columbia University, 1928-30. Lecturer in Education, Bryn Mawr College, 1932-34.

ERNST DIEZ, PH.D., Associate Professor of the History of Art.

Ph.D., University of Graz, Styria, 1902. Assistant in the Department of Mohammedan Art, Kaiser Friedrich Museum, Berlin, 1908-11; Assistant in the Department of History of Art, Vienna University, 1911-18; Privat dozent, 1919 and Associate Professor, 1924-26. Associate Professor of History of Art, Bryn Mawr College, 1926-30 and 1933—. Acting Professor of History of Art, Western Reserve University, 1930-32.

CLARA MARBURG KIRK, PH.D., Associate Professor of English Composition on the Margaret Kingsland Haskell Foundation.

A.B. Vassar College 1920; M.A. University of Pennsylvania 1921; Ph.D. University of Chicago, 1929. Holder of Vassar College Fellowship 1920-21, of Committee on Belgian Relief Fellowship, 1921-23, of the Mary Richardson and Lydia Pratt Babbitt Fellowship of Vassar College, 1926-27; Graduate Fellow at the University of Chicago, 1927-28. Instructor in English, Vassar College, 1923-26 and 1928-29 and Assistant Professor, 1929-33. Associate Professor of English Composition, Bryn Mawr College, 1933—.

DONALD WALLACE MACKINNON, PH.D., Associate in Psychology.

A.B. Bowdoin College 1925; M.A. Harvard University 1926 and Ph.D. 1933. Instructor in Psychology, University of Maine, 1927-28; Instructor in Abnormal and Dynamic Psychology, Harvard University, 1928-30; Frederick Sheldon Travelling Fellow of Harvard University at the University of Berlin, 1930-31; Instructor in Abnormal and Dynamic Psychology and Tutor in the Division of Philosophy, Harvard University and Radcliffe College, 1931-33. Associate in Psychology, Bryn Mawr College, 1933—.

CORNELIA LYNDE MEIGS, A.B., *Associate in English.*

A.B. Bryn Mawr College, 1908. Principal of a Private School, Keokuk, Iowa, 1908-10. Teacher of English, St. Katharine's School, Davenport, Iowa, 1912-13. Writer of Stories for Children for the MacMillan Company, New York, 1913—, for Little Brown and Company, Boston, 1927—. Instructor in English, Bryn Mawr College, 1932-33 and Associate, 1933—.

DOROTHY WYCKOFF, PH.D., *Associate in Geology.*

A.B. Bryn Mawr College 1921; M.A. 1928 and Ph.D. 1932. Graduate Scholar in Geology, Bryn Mawr College, 1921-22 and Graduate Student, 1922-23 and 1925-26; Teacher in the Misses Kirk's School, Bryn Mawr, 1922-25; Demonstrator in Geology and Graduate Student, Bryn Mawr College, 1925-28; Fanny Bullock Workman Fellow, studying at the Kongelige Frederiks Universitet, Oslo, Norway, 1928-29 and Fellow of the American Scandinavian Foundation, Oslo, 1929-30; Fellow in Geology, Bryn Mawr College, 1930-31, Demonstrator, 1931-32, Instructor, 1932-33 and Associate, 1933—.

HERBERT ADOLPHUS MILLER, PH.D., *Lecturer in Social Economy.*

A.B. Dartmouth College 1899 and M.A. 1902; Ph.D. Harvard University 1905; studied at University of Chicago 1911. Assistant Professor of Philosophy and Sociology, Olivet College, 1905-07, Professor 1907-14; Professor of Sociology, Oberlin College, 1914-25; Professor of Sociology, Ohio State University, 1924-31; University of California summer 1922; Lecturer, Yenching University, Peiping, China and Universities of China, India and Syria 1929-30. Lecturer in Social Economy, Bryn Mawr College, 1933—.

ADRIENNE CAROLINE GOBERT,

Licenciée-es-lettres, Docteur en droit, Lecturer in French.

Licenciée-es-lettres University of Poitiers 1915; *Licenciée-en-droit* University of Paris 1919 and *Docteur en droit* 1925. Teacher in secondary schools in England, France and Turkey, 1916-22; Sous-directrice et Professeur au Lycée de Jeunes Filles, Cairo, Egypt, 1925-27; Professeur de Français à l'École Secondaire de Jeunes Filles Égyptienne de Choubrah, Cairo, 1927-29; Lectrice à la Faculté des Lettres, Cairo, 1929-31; Instructor in French, Hunter College, 1931-33. Lecturer in French, Bryn Mawr College, 1933-34.

LOUISE ADAMS HOLLAND, PH.D., *Lecturer in Latin.*

A.B. Barnard College 1914 and M.A. 1915; Ph.D. Bryn Mawr College 1920. Instructor in Latin, Smith College, 1918-21 and Assistant Professor of Latin, 1921-23, with leave of absence as Fellow at the American Academy in Rome, 1922-23; Assistant Professor of Latin, Vassar College, 1925-27. Lecturer in Latin, Bryn Mawr College, 1928-30, Semester II, 1931-32, Semester II, 1932-33 and 1933—.

ARTHUR CLAY COPE, PH.D., *Associate-elect in Chemistry.*

B.S. Butler University 1929; Ph.D. University of Wisconsin 1932. Undergraduate Assistant in Chemistry, Butler University, 1926-29; Assistant in Chemistry, University of Wisconsin, 1929-31 and Fellow, 1931-32; National Research Fellow, Harvard University, 1932-34. Associate-elect in Chemistry, Bryn Mawr College, 1934.

KARL L. ANDERSON, PH.D., *Associate-elect in Economics and Politics.*

B.Sc. Allison University, New Brunswick, Canada, 1928; M.A. Harvard University 1930 and Ph.D. 1932. Lecturer in Economics, Maritime Summer School, Sackville, New Brunswick, Canada, July and August, 1929 and July and August, 1930; Instructor in Economics and Tutor in the Division of History, Government and Economics, Harvard University, 1930-34. Associate-elect in Economics and Politics, Bryn Mawr College, 1934.

MILTON FRANKLIN METFESSEL, PH.D., *Lecturer-elect in Psychology.*

A.B. Iowa State Teachers College 1921; M.A. State University of Iowa 1924 and Ph.D. 1925. Fellow in Psychology, State University of Iowa, 1923-25; National Research Fellow in Psychology, State University of Iowa and European universities, 1925-28; Associate Professor of Psychology, State University of Iowa, 1928-29; Professor of Psychology, University of Southern California, 1929-34. Lecturer-elect in Psychology, Bryn Mawr College, 1934.

ELEANOR LANSING DULLES, PH.D., *Non-resident Lecturer in Economics.*

A.B. Bryn Mawr College 1917 and M.A. 1920; Ph.D. Radcliffe College 1926. Relief Worker in Paris 1917-18; Reconstruction Worker, American Friends Service Committee in France, 1918-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Employment Manager, S. Gemby, Long Island City, 1920-21; Graduate Student, London School of Economics, 1921-22 and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1926-27; Instructor in Economics, Simmons College, 1927-28. Associate in Social Economy and Social Research, Bryn Mawr College, 1928-30. Lecturer in Economics, Semester II, 1931-32 and non-resident Lecturer, 1932-34. Research Associate, Industrial Research Department, University of Pennsylvania, 1932-34.

ALMENA DAWLEY, M.A., *Non-resident Lecturer in Social Economy.*

A.B. Oberlin College 1912; M.A. University of Chicago 1915. Statistical Worker, Metropolitan Life Insurance Company, New York, 1912-13; Sociologist, Laboratory of

Social Hygiene, Bedford Hills, New York, 1915-18; Assistant to the Director, in charge of Research, Interdepartmental Social Hygiene Board, Washington, D. C., 1918-19; Director, Department of Research and Investigation, Women's Cooperative Alliance, Minneapolis, 1919-20; Director of Investigation, Committee to Study Visiting Nursing, 1922-23; Supervisor, Department of Social Investigation, Pennsylvania School of Social and Health Work, 1920-25; Chief Social Worker, Philadelphia Child Guidance Clinic, 1925—. Non-resident Lecturer in Social Economy, Bryn Mawr College, 1928—.

MINOR WHITE LATHAM, PH.D., *Non-resident Lecturer in English.*

A.B. Mississippi State College for Women 1901; M.A. Columbia University 1912 and Ph.D. 1930. Graduate Student, Bryn Mawr College, 1902-04; Graduate Student, University of Mississippi, 1907-08; Graduate Student, Columbia University, 1911-15. Instructor in English, Mississippi State College for Women, 1908-10 and Head of the English Department, 1910-11. Lecturer in English, Barnard College, Columbia University, 1914-15, Instructor 1915-29; Instructor in Playwriting, Columbia University, 1918-29 and summers, 1918-22, 1924, 1926-28; Assistant Professor in English, Barnard College, Columbia University, 1929—. Non-resident Lecturer in English, Bryn Mawr College, 1932—.

HOWARD HAWKS MITCHELL, PH.D., *Non-resident Lecturer in Mathematics.*

Ph.B. Marietta College 1906; Ph.D. Princeton University 1910. Fellow in Mathematics, Princeton University, 1908-10; Instructor in Mathematics, Yale University, 1910-11; Instructor in Mathematics, University of Pennsylvania, 1911-14, Assistant Professor 1914-21 and Professor 1921—. Non-resident Lecturer in Mathematics, Bryn Mawr College, 1933-34.

RICHARD BERNHEIMER, PH.D., *Lecturer in History of Art.*

Ph.D. University of Munich 1929. Studied History of Art, Archaeology and Asiatic Ethnology in Munich, Rome and Berlin, 1925-29. Lecturer in History of Art, Bryn Mawr College, 1933—.

MAUD REY, Non-resident Lecturer-elect in French Diction.

Brevet supérieur, University de Rennes, 1908. Studied at the Sorbonne and Université Catholique, Paris; Pupil of Jacques Copeau, Directeur du Théâtre du Vieux-Colombier and of A. Dullin, Directeur du Théâtre de l'Atelier, Paris; Head of the French Department, the Baldwin School, Bryn Mawr, 1916—. Non-resident Lecturer-elect in French Diction, Bryn Mawr College, 1934.

EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry.*

A.B. Radcliffe College 1914; M.A. University of California 1915. Graduate Student, University of California, 1914-15; Demonstrator in Chemistry, Bryn Mawr College, 1915-18 and Instructor, 1918-19 and 1922—.

MARTHA MEYENBURG DIEZ, M.A., *Instructor in German.*

A.B. University of Texas 1918; M.A. Bryn Mawr College 1928. Instructor in German, Bryn Mawr College, 1925—.

HORTENSE FLEXNER KING, M.A., *Instructor in English.*

A.B. University of Michigan 1907 and M.A. 1910. Instructor in English, Bryn Mawr College, 1926-27, Semester II, 1927-28 and 1928—.

MARGARET DENT DAUDON, M.A., *Instructor in French.*

A.B. Bryn Mawr College 1920 and M.A. 1933. Teacher of French, the Thorne School, Bryn Mawr, 1928-31; Part-time Instructor in French, Bryn Mawr College, 1927—.

RUTH FAIRMAN, M.A., *Instructor in Greek and Latin.*

A.B. Mount Holyoke College 1927; M.A. Bryn Mawr College 1928. Scholar in Latin, Bryn Mawr College, 1927-28, Fellow in Latin, 1928-29 and Helene and Cecil Rubel Fellow (studying abroad), 1929-30. Instructor in Latin, Bryn Mawr College, 1930-31 and Instructor in Greek and Latin, 1931—.

MARY KATHARINE WOODWORTH, M.A., *Instructor in English.*

A.B. Bryn Mawr College 1924 and M.A. 1927. Teacher of English, the Thorne School, Bryn Mawr, 1925-29. Studying abroad, 1929-30; Instructor in English, Bryn Mawr College, 1930—.

ELIZABETH H. NORTON POTTER, M.A., *Instructor in the History of Art.*

A.B. Bryn Mawr College 1927; M.A. Radcliffe College 1929. Instructor in History of Art, Bryn Mawr College, 1930-34.

BERTHE-MARIE MARTI, M.A., *Instructor in Latin and French.*

Licenciée-es-lettres University of Lausanne 1925; M.A. Bryn Mawr College 1926 and Ph.D., to be conferred, 1934. Swiss Scholar in Latin and English, Bryn Mawr College, 1925-26 and 1929-30. Teacher of French, the Thorne School, Bryn Mawr and Graduate Student, Bryn Mawr College, 1926-28; Instructor in Latin, Bryn Mawr College, 1930-31 and Instructor in Latin and French, 1931-34.

J. GORDON CARLSON, A.B., *Instructor in Biology.*

A.B. University of Pennsylvania 1930. Demonstrator in Biology, Bryn Mawr College, Semester II, 1929-30 and 1930-31 and Instructor, 1931—.

E. LOUISE HAMILTON, PH.D., *Assistant Director of the Educational Clinic and Instructor in Education.*

B.S. Connecticut College for Women 1925; M.A. Columbia University 1926 and Ph.D. 1928. Graduate Student, Columbia University, 1925-28; Assistant in Psychology, Columbia University, 1926-27; Clinical Psychologist, New York Post-Graduate Hospital, 1927-28; Assistant Director of the Educational Clinic, Bryn Mawr College, 1928-33; Demonstrator in Education, 1930-31 and Instructor 1931-34.

WILLIAM DONALD TURNER, PH.D., *Instructor in Psychology.*

A.B. University of Illinois 1926; M.A. Harvard University 1928 and Ph.D. 1929. Instructor in Psychology, Tufts College, 1928-29; Social Science Research Council Fellow, Vienna, 1929-30; Instructor in Psychology, Kansas State College, 1930-31. Instructor in Psychology, Bryn Mawr College, 1931—.

KATHRINE KOLLER, PH.D., *Instructor in English.*

A.B. Wittenberg College 1924; Ph.D. Johns Hopkins University 1932. Teacher of French and English in the High Schools, Plymouth, Ohio, 1924-26 and Tiffin, Ohio, 1926-28. Instructor in English, Bryn Mawr College, 1932-34.

EMILY KATHARINE TILTON, M.A., *Instructor in Italian.*

A.B. Wellesley College 1928; M.A. Radcliffe College 1931. Student, University of Florence, Italy, 1928-29 and Radcliffe College, 1930-32. Instructor in Italian, Bryn Mawr College, 1932-34.

FLORENCE WHYTE, PH.D., *Instructor in Spanish.*

A.B. University of California 1915; M.A. University of Oregon 1924; Ph.D. Bryn Mawr College 1930. Professor of Modern Languages, Linfield College, 1919-20; Instructor in Spanish and Graduate Student, University of Oregon, 1920-24. Graduate Scholar in Spanish, Bryn Mawr College, 1924-25 and Fellow in Romance Languages, 1925-26; Helene and Cecil Rubel Foundation Fellow in Europe, 1926-27; Assistant Professor of Spanish, Milwaukee-Downer College, 1927-29; Professor of Modern Languages, Queens College, 1929-30; Instructor in Spanish, Mt. Holyoke College, 1931-33. Instructor in Spanish, Bryn Mawr College, 1933-34.

DOROTHY WALSH, M.A., *Instructor in Philosophy.*

A.B. University of British Columbia 1923; M.A. University of Toronto 1924. Graduate Student, University of Toronto, 1923-25; Fellow in Philosophy, Bryn Mawr College, 1925-26; Reader in Philosophy and Graduate Student, Bryn Mawr College, 1927-28; Instructor in Philosophy, Hood College, 1928-30 and Assistant Professor, 1930-31. Mary Elizabeth Garrett European Fellow studying at the University of Berlin, 1931-32; Fellow in Philosophy, Bryn Mawr College, 1932-33; Instructor in Philosophy, Bryn Mawr College and Warden of Pembroke West, 1933—.

STELLA DUERINGER WELLS, M.A., *Instructor in German.*

A.B. Northwestern University 1915; M.A. Bryn Mawr College 1931. Teacher of German, Lawrenceville High School, Illinois, 1915-17; Graduate Student, Radcliffe College, 1922-23, University of Berlin, 1927-28 and Bryn Mawr College, 1925-27 and 1929-31. Instructor in German, Bryn Mawr College, 1933—.

JOSEPHINE McCULLOCH FISHER, A.B., *Instructor in History.*

A.B. Bryn Mawr College 1922. Student, Newnham College, Cambridge, 1923-24, Johns Hopkins University, 1925-26, London School of Economics, 1926-27; Warden of Pembroke Hall, Bryn Mawr College, 1927-31; Warden of Merion Hall, Semester I, 1932-33; Instructor in History and Political Science, Mount Holyoke College, Semester II, 1932-33; Warden of Pembroke East and Instructor in History, Bryn Mawr College, 1933—.

MARGARET PALFREY, A.B., *Instructor-elect in English.*

A.B. Smith College 1929. Tutor and substitute Teacher, The Winsor School, Boston, 1931-32; Teacher of English, Katharine Branson School, Ross, California, 1932-34. Instructor-elect in English, Bryn Mawr College, 1934.

AGNES KIRSOPP LAKE, M.A., *Instructor-elect in Latin.*

A.B. Bryn Mawr College 1930; M.A. 1931 and Ph.D., to be conferred, 1934. Non-resident Graduate Scholar in Biblical Literature, Bryn Mawr College, 1930-31; Fellow at the American Academy in Rome, 1931-33; Fellow in Latin, Bryn Mawr College, 1933-34 and Instructor-elect, 1934.

HAROLD WETHEY, M.A., *Instructor-elect in History of Art.*

A.B. Cornell University 1923; M.A. Harvard University 1931 and Ph.D., to be conferred, 1934. Assistant in History of Art, Harvard University, 1933-34. Instructor-elect in History of Art, Bryn Mawr College, 1934.

MAUDE M. FRAME, A.B., *Reader in Philosophy.*

A.B. University of Pennsylvania 1927. Reader in Philosophy, Bryn Mawr College, 1928-30, Scholar 1930-31 and Reader, 1931-34.

MOLLY*ATMORE TEN BROECK, A.B., *Reader in Music.*

A.B. Bryn Mawr College 1932. Reader in Music, Bryn Mawr College, 1932—.

DOROTHEA CAROLINE SHIPLEY, M.A., *Reader in History of Art.*

A.B. Bryn Mawr College 1925 and M.A. 1929. Fellow in History of Art, Bryn Mawr College, 1929-30, Fellow by Courtesy, 1930-31 and Reader, 1933—.

- ROSAMOND CROSS, A.B., *Reader in Economics and Politics*.
A.B. Bryn Mawr College 1929 and M.A., to be conferred, 1934. Teacher of History, Concord Academy, Concord, Massachusetts, 1929-32; Warden of Denbigh Hall, Bryn Mawr College, 1932-34 and Reader in Economics and Politics 1933-34.
- ISABEL SCRIBNER STEARNS, M.A., *Reader-elect in Philosophy*.
A.B. Smith College 1931; M.A. Bryn Mawr College 1933. Graduate Student, Bryn Mawr College, 1931-32 and Graduate Scholar, 1932-33; Graduate Scholar in Philosophy, Radcliffe College, 1933-34. Reader-elect in Philosophy, Bryn Mawr College, 1934.
- LOUISE FROST HODGES CRENSHAW, A.B., *Demonstrator in Chemistry*.
A.B. Bryn Mawr College 1918. Warden of Pembroke East, 1922-23; Secretary of the Thorne School, Bryn Mawr, 1923-25, 1926-28 and 1929-30. Demonstrator in Chemistry, Bryn Mawr College, 1930—.
- MARJORIE STARR BEST ABBEY, M.A., *Demonstrator in Geology*.
A.B. Smith College 1930; M.A. Bryn Mawr College 1932. Demonstrator in Geology, Bryn Mawr College, 1930-34.
- BARBARA GOLDBERG RAINES, M.A., *Demonstrator in Physics*.
A.B. Hunter College 1929; M.A. Columbia University 1931. Instructor in Physics, Hunter College, 1929-February 1932 and Instructor in Mathematics February-June 1932. Demonstrator in Physics, Bryn Mawr College, 1932—.
- HENRIETTA HUFF, A.B., *Demonstrator in History of Art and Classical Archaeology*.
A.B. Bryn Mawr College 1918. Demonstrator in History of Art and Classical Archaeology, Bryn Mawr College, 1932—.
- GLADYS WHITE, M.A., *Demonstrator in Physics*.
A.B. Duke University 1928 and M.A. 1929. Instructor in Physics, Winthrop College, 1929-31. Fellow in Physics, Bryn Mawr College, 1931-33 and Demonstrator, 1933-34.
- NETTIE HELENA COY, A.B., *Demonstrator in Physics*.
A.B. University of New Brunswick 1928. Assistant in Physics, Vassar College, 1928-29 and Instructor, 1929-33. Demonstrator in Physics, Bryn Mawr College, 1933-34.
- ELIZABETH KATHERINE MARSHALL, A.B., *Demonstrator-elect in Physics*.
A.B. Wilson College 1932. Graduate Student, Cornell University, 1932-33; Graduate Scholar in Physics, Bryn Mawr College, 1933-34 and Demonstrator-elect 1934.
- MARTHA COX, A.B., *Demonstrator-elect in Physics*.
A.B. Cornell University, 1929. Research Assistant, Taylor Instrument Company, 1929-30; Instructor in Physics, Huguenot University College of the University of South Africa, 1930-33. Demonstrator-elect in Physics, Bryn Mawr College, 1934.
- ELIZABETH JEANNE ARMSTRONG, A.B., *Demonstrator-elect in Geology*.
A.B. Barnard College 1933; M.A. Bryn Mawr College, to be conferred, 1934. Graduate Scholar in Geology, Bryn Mawr College, 1933-34 and Demonstrator-elect, 1934.

NON-TEACHING

- CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director of Publication*.
A.B. Bryn Mawr College 1905. Graduate Student, Bryn Mawr College, 1921-22, Alumnae Secretary, 1922-23 and Director of Publication, 1923—.
- BARBARA GAVILLER, A.B., B.Sc., *Secretary and Registrar of the College*.
A.B. University of Toronto, 1912; B.Sc., Simmons College, 1917. Secretary to the Secretary and Registrar of Bryn Mawr College, 1917-26, Acting Secretary and Registrar of the College, 1926-27 and Secretary and Registrar, 1927—.
- JULIA WARD, A.B., *Director of Admissions and Assistant to the Dean*.
A.B. Bryn Mawr College 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student, Bryn Mawr College, 1924-27 and 1928-30. Warden of East House, 1924-25, of Rockefeller Hall, 1925-27 and 1928-30. Holder of Fanny Bullock Workman European Fellowship, 1927-28; Director of Scholarships and Assistant to the Dean, Bryn Mawr College, 1930-33; Director of Admissions and Assistant to the Dean, 1933—.
- DOROTHY MACDONALD, A.B., *Assistant to the President*.
A.B. Bryn Mawr College 1917. Secretary to the President of Bryn Mawr College 1919-26 and Assistant to the President, 1926—.
- LOUISE FROST HODGES CRENSHAW, A.B.,
Director of the Bureau of Recommendations.
A.B. Bryn Mawr College 1918. Warden of Pembroke East, 1922-23; Secretary of the Thorne School, Bryn Mawr, 1923-25, 1926-28 and 1929-30; Demonstrator in Chemistry, Bryn Mawr College, 1930— and Director of the Bureau of Recommendations, 1931—.

LOIS ANTOINETTE REED, A.B., B.L.S., Librarian.

A.B. University of Illinois 1909; B.L.S. New York State Library School 1904. Librarian, Western College, Oxford, Ohio, 1905-07; Cataloguer and Order Department Assistant, Library of the University of Illinois, 1907-10; Assistant Librarian, University of Rochester, 1910-12. Head Librarian, Bryn Mawr College, 1913—.

MARY LOUISE TERRIEN, A.B., B.S., Circulation and Reference Librarian.

A.B. Smith College 1905. Simmons College Library School, Boston, Mass., 1914-15. Circulation and Reference Librarian, Bryn Mawr College, 1915—.

HELEN COREY GEDDES, A.B., B.S., Head Cataloguer.

A.B. Radcliffe College 1905; B.S. Simmons College Library School, 1910. Seminar Librarian, University of Illinois, 1910-12; Head Cataloguer, Bryn Mawr College Library, 1912-18. Librarian, Second National Bank of Boston, 1919-23; Head Cataloguer, Boston University, College of Liberal Arts, 1925-28. Head Cataloguer, Bryn Mawr College Library, 1928—.

MAE EDNA LITZENBERGER CRAIG, A.B., B.S., Assistant Cataloguer.

A.B. Mount Holyoke College 1924; B.S. Simmons College 1925. Assistant Cataloguer, Bryn Mawr College Library, 1925—.

MAUDE LOIS HASKELL SLAGLE, A.B., B.S., Assistant Cataloguer.

A.B. Mount Union College 1927; B.S. in L.S. School of Library Science, Western Reserve University, 1928. Assistant Cataloguer, Bryn Mawr College Library, 1928—.

ANNA FOSTER ALLEN, Ph.B., B.S., Assistant to the Circulation and Reference Librarian.

Ph.B. Muhlenberg College 1927; B.S. in L.S. Drexel Institute, 1931. Assistant to the Circulation and Reference Librarian, Bryn Mawr College, 1931—.

HALLS OF RESIDENCE

CHARLOTTE BRANDON HOWE, M.A.,

Director of Halls, Head Warden and Warden of Rockefeller.

A.B. Radcliffe College 1922 and M.A. 1929. Hall Mistress, Whitman Hall, Radcliffe College, 1928-30. Warden of Wyndham, Bryn Mawr College, 1930-32; Director of Halls 1930—, Head Warden and Warden of Rockefeller, 1933—.

EDITH GRANT, A.B., Assistant Warden of Rockefeller Hall.

A.B. Bryn Mawr College 1930. Assistant Warden of Pembroke Hall, Bryn Mawr College, Semester I, 1932-33 and Assistant Warden of Rockefeller Hall, 1933-34.

ROSAMOND CROSS, A.B., Warden of Denbigh Hall.

A.B. Bryn Mawr College 1929 and M.A., to be conferred, 1934. Teacher of History, Concord Academy, Concord, Massachusetts, 1929-32. Warden of Denbigh Hall, Bryn Mawr College, 1932-34 and Reader in Economics and Politics, 1933-34.

ELLEN WATSON FERNON, M.A., Warden of Merion Hall.

A.B. Swarthmore College 1931. M.A. Bryn Mawr College 1933. Teacher of History, the Misses Kirk's School, Bryn Mawr, 1931-32; Graduate Student in History, Bryn Mawr College, 1931— and Warden of Merion Hall, 1933—.

JOSEPHINE McCULLOCH FISHER, A.B., Warden of Pembroke East.

A.B. Bryn Mawr College 1922. Student, Newnham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27. Warden of Pembroke Hall, Bryn Mawr College, 1927-31, Warden of Merion Hall, Semester I, 1932-33 and Warden of Pembroke East and Instructor in History, 1933—. Instructor in History and Political Science, Mt. Holyoke College, Semester II, 1932-33.

DOROTHY WALSH, M.A., Warden of Pembroke West.

A.B. University of British Columbia 1923; M.A. University of Toronto 1924. Graduate Student, University of Toronto, 1923-25; Fellow in Philosophy, Bryn Mawr College, 1925-26. Reader and Graduate Student, 1927-28; Instructor in Philosophy, Hood College, 1928-30 and Assistant Professor 1930-31; Mary Elizabeth Garrett European Fellow studying at the University of Berlin 1931-32; Fellow in Philosophy, Bryn Mawr College, 1932-33, Instructor in Philosophy and Warden of Pembroke West, 1933—.

KATHERINE MARY PEEK, M.A., Warden of Wyndham.

A.B. Bryn Mawr College 1922, M.A. 1929 and Ph.D., to be conferred, 1934. Editoria Assistant, Crowell Publishing Company, New York City, 1922-24. Instructor in English, Bryn Mawr College, 1925-27, Warden of Merion Hall, 1927-30; studying abroad, 1930-31. Head Warden of Pembroke Hall, Bryn Mawr College, 1931-33 and Warden of Wyndham, 1933-34.

- CATHERINE PALMER ROBINSON, M.A., *Senior Resident of Radnor Hall*.
A.B. Bryn Mawr College 1920 and M.A. 1921. Teacher, Rosemary Hall, Greenwich, Conn., 1921-22; Student at the Sorbonne, 1922-23; Marine Insurance, 1924-29. Senior Resident of Radnor Hall and Secretary to the Dean of the Graduate School, Bryn Mawr College, 1929—.
- CAROLINE PUTNAM WALKER, M.A., *Warden-elect of Denbigh Hall*.
A.B. Smith College 1926; M.A. Bryn Mawr College 1927. Teacher of History, The Ethel Walker School, Simsbury, Conn., 1927-34. Warden-elect of Denbigh Hall, Bryn Mawr College, 1934.
- ELOISE GALLUP RE QUA, A.B., *Assistant Warden-elect of Rockefeller Hall*.
A.B. Bryn Mawr College 1924. Studied at University of Chicago, summer 1926 and Sem. II, 1931-32; studied abroad, 1927-30; Director of Library of International Relations and of Children's International Library, The Century of Progress, Chicago, 1933-34. Assistant Warden-elect of Rockefeller Hall, Bryn Mawr College, 1934.

DEPARTMENT OF PHYSICAL EDUCATION

- JOSEPHINE PETTS, *Director of Physical Education*.
Graduate of the Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Instructor in Physical Education, Central School of Hygiene and Physical Education, New York, 1919-22; Instructor in Physical Education, Teachers College, Columbia University, 1922-28. Director of Physical Education, Bryn Mawr College, 1928—.
- MARNA V. BRADY, M.A., *Assistant Director of Physical Education*.
B.S. University of Cincinnati 1925; M.A. Teachers College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27 and Columbia University, summer, 1928. Assistant Director of Physical Education, Bryn Mawr College, 1928—.
- ETHEL M. GRANT, *Instructor in Physical Education*.
Honors Diploma with Distinction, Liverpool Physical Training College, 1923. Instructor in Physical Education in schools of England, 1923-26; Instructor in Physical Education, the Gordon-Roney School, Philadelphia, 1926-30. Instructor in Physical Education, Bryn Mawr College, 1930—.

HEALTH DEPARTMENT

- MARION EDWARDS PARK, Ph.D., *Ex-officio*.
- HELEN TAFT MANNING, Ph.D., *Head of Health Department*.
- MARJORIE JEFFERIES WAGONER, M.D., *College Physician*.
A.B. Bryn Mawr College 1918; M.D. University of Pennsylvania 1922. Interne, Philadelphia General Hospital, 1920-24. College Physician, Bryn Mawr College, 1924—.
- JOSEPHINE PETTS, *Director of Physical Education*.

Consultant Physicians

A number of physicians, resident in Philadelphia and representing the principal special divisions of medicine and surgery, have consented to act as consultants when called on by the Health Department.

DEPARTMENT OF BUSINESS ADMINISTRATION

- CHARLOTTE BRANDON HOWE, M.A., *Director of Halls*.
- SANDY LEE HURST, *Comptroller*.
- JOHN J. FOLEY, *Superintendent*.
- LAURA M. S. HOWARD, *Chief Clerk*.
- HILDA ROBINS, *Supervisor of Culinary Department*.
- WINFIELD DAUGHERTY, *Fire Chief*.

FACULTY COMMITTEES

STANDING COMMITTEES OF THE FACULTY

1933-34

Faculty Representatives on the Board of Directors

PROFESSOR SWINDLER
PROFESSOR CRENSHAW
PROFESSOR DAVID

Committee on Nominations

PROFESSOR GILMAN
PROFESSOR WELLS
PROFESSOR DONNELLY

Committee on Appointments

PROFESSOR TAYLOR
PROFESSOR DE LAGUNA

PROFESSOR GRAY
PROFESSOR CHEW

PROFESSOR TENNENT

Committee on Petitions

DEAN MANNING, *ex-officio*
PROFESSOR SANDERS, *ex-officio*
PROFESSOR BROUGHTON
PROFESSOR DAVID
PROFESSOR LOGRASSO

Committee on Curriculum

PRESIDENT PARK, *Chairman*
DEAN MANNING, *by invitation*
PROFESSOR CANU
PROFESSOR GARDINER
DR. NAHM
PROFESSOR TAYLOR
PROFESSOR FOREST
DR. ROBBINS

Committee on Laboratories

PROFESSOR DEWEY
PROFESSOR BLANCHARD
PROFESSOR WATSON

Committee on Schedules

DEAN MANNING, *ex-officio*
DR. ROBBINS
DR. DRYDEN*
DR. LEHR

Committee on Entrance Examinations

PRESIDENT PARK, *Chairman*
DEAN MANNING, *by invitation*
MISS WARD, *by invitation*
MISS GAVILLER, *ex-officio*
PROFESSOR DONNELLY
PROFESSOR GILMAN
PROFESSOR WELLS
DR. FLEXNER
PROFESSOR BROUGHTON

Committees on Language Examinations

French—
PROFESSOR GILMAN
DR. GLEN
DR. NAHM
German—
PROFESSOR M. DIEZ
PROFESSOR GILLET
DR. FAIRCHILD

* Substitute for Dr. Hedlund.

Committee on Libraries

PROFESSOR DAVID
 DR. WEISS
 PROFESSOR SWINDLER

Committee on Housing

PROFESSOR FENWICK
 DR. FAIRCHILD
 PROFESSOR MEZGER

STANDING COMMITTEES OF THE ACADEMIC COUNCIL

*Committee on Graduate
Students*

PRESIDENT PARK, *Chairman*
 DEAN SCHENCK, *ex-officio*
 PROFESSOR M. P. SMITH
 PROFESSOR CRENSHAW
 PROFESSOR DONNELLY

*Committee on Graduate
Courses*

PRESIDENT PARK, *Chairman*
 PROFESSOR GILLET
 PROFESSOR TENNENT
 PROFESSOR MEZGER

Committee on Learned Publications

PRESIDENT PARK, *Chairman*
 PROFESSOR TENNENT
 PROFESSOR CARPENTER
 PROFESSOR CANU

STANDING COMMITTEES OF THE SENATE

Executive Committee

PRESIDENT PARK, *Chairman*
 DEAN MANNING, *ex-officio*
 PROFESSOR W. R. SMITH
ex-officio
 PROFESSOR GILLET
 PROFESSOR TENNENT
 PROFESSOR SWINDLER

Judicial Committee

PRESIDENT PARK, *Chairman*
 DEAN MANNING, *ex-officio*
 PROFESSOR DE LAGUNA
 PROFESSOR CHEW
 PROFESSOR GRAY

COLLEGE REPRESENTATIVES

The following graduates of Bryn Mawr College have kindly consented to act as representatives of the College in cities in which they live and will be glad at any time to answer questions about the College.

CALIFORNIA

- PASADENA, Miss Kate Williams, 485 Palmetto Drive.
SAN FRANCISCO, Mrs. Edward B. Hill, *District Councillor of the Alumnae Association*, Glenwood Avenue, Ross.

COLORADO

- DENVER, Mrs. Harry E. Bellamy, 1174 Race Street.

CONNECTICUT

- FARMINGTON, Mrs. Herbert Knox Smith, *Alumnae Director of Bryn Mawr College*.
NEW HAVEN, Mrs. Charles McLean Andrews, 424 St. Ronan Street.

DISTRICT OF COLUMBIA

- WASHINGTON, Baroness Serge Alexander Korff, 2308 California Street.
Mrs. Robert S. Pickens, *District Councillor of the Alumnae Association*, 4926 Glenbrook Road.

ILLINOIS

- CHICAGO, Mrs. Stephen S. Gregory, *District Councillor of the Alumnae Association*, Box N, Winnetka.
Mrs. William G. Hibbard, *Director of Bryn Mawr College*, 840 Willow Road, Winnetka.

INDIANA

- INDIANAPOLIS, Mrs. Frank Nicholas Lewis, 3216 North Pennsylvania Street.

MARYLAND

- BALTIMORE, Mrs. Anthony Morris Carey, 4311 Rugby Road, Guilford.

MASSACHUSETTS

- BOSTON, Mrs. Talbot Aldrich, *Alumnae Director-elect of Bryn Mawr College*, 59 Mt. Vernon Street.
Miss Mary Parker, *District Councillor of the Alumnae Association*, 135 Charles Street.
CAMBRIDGE, Mrs. Everett N. Case, *Recording Secretary of the Alumnae Association*, 6 Mercer Circle.
FALL RIVER, Mrs. Randall Nelson Durfee, 19 Highland Avenue.

MINNESOTA

- MINNEAPOLIS, Mrs. Clarence M. Hardenbergh, 1788 Fremont Avenue South.

MISSOURI

- ST. LOUIS, Mrs. George Gellhorn, 4366 McPherson Avenue.
Miss Mary B. Taussig, *District Councillor of the Alumnae Association*, 50 Westmoreland Avenue.

NEW YORK

NEW YORK,

Mrs. Robert W. Claiborne, *Alumnæ Director of Bryn Mawr College*, 128 East 60th Street.

Mrs. Angus M. Frantz, *Alumnæ Director of Bryn Mawr College*, 1185 Park Avenue.

Mrs. Learned Hand, *Director of Bryn Mawr College*, 142 East 65th Street.

Mrs. Alfred B. Maclay, *Alumnæ Director of Bryn Mawr College*, 16 East 84th Street.

Mrs. Howard Phipps, *District Councillor of the Alumnae Association*, 465 East 57th Street.

Mrs. William L. Savage, *Vice-President of the Alumnae Association*, 106 East 85th Street.

Mrs. F. Louis Slade, *Director of Bryn Mawr College*, 49 East 67th Street.

Miss Florence Waterbury, *Alumnæ Director of Bryn Mawr College*, The Savoy-Plaza.

OHIO

CINCINNATI,

Mrs. Jacob M. Plaut, *Director-at-large of the Alumnae Association*, 656 Forest Avenue, Avondale.

Mrs. Russell Wilson, *District Councillor of the Alumnae Association*, 2726 Johnstone Place.

OREGON

PORTLAND,

Mrs. Henry Minor Esterly, Inwood, Hewett Boulevard, Route 5.

PENNSYLVANIA

PITTSBURGH,

Mrs. Alexander Johnston Barron, Glen Osborne, Sewickley.

VIRGINIA

RICHMOND,

Mrs. Wyndham Bolling Blanton, 3015 Seminary Avenue.

WISCONSIN

MADISON,

Mrs. Moses Stephen Slaughter, 633 North Francis Street.

ENGLAND,

The Hon. Mrs. B. Russell, 11 St. Leonard's Terrace, Chelsea, London, S. W. 3.

THE UNDERGRADUATE SCHOOL

THE UNDERGRADUATE SCHOOL

The undergraduate school offers courses in ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art and education. The full course of study covers four years and leads to the Bachelor of Arts degree.

Admission to Bryn Mawr College is based upon the candidate's record in the competitive entrance examinations and upon the evidence, secured by the College, in regard to her health, character and general ability. All candidates are asked to make an appointment, if possible, for a personal interview with the President or the Dean. If the number qualifying for admission in a given year is greater than the number of rooms available for first-year students, the college reserves the right to determine which of the candidates shall form the admitted group.

All candidates for admission to the freshman class must pass certain of the matriculation examinations conducted by the College Entrance Examination Board.

Application for rooms, accompanied by the fee of ten dollars payable to Bryn Mawr College, should be made to the Secretary and Registrar as soon as the year of entrance is definitely known by the candidate. This fee is not refunded if the candidate later withdraws her name from the list or does not succeed in gaining admission. It may be transferred to a later year if the request for the transfer is received before October first of the original year of entry. The filing of a room application does not insure admission to the College.

A form of application for admission, with space for the matriculation plan, will be sent each autumn by the Secretary and Registrar to all candidates who have registered room applications (or their intention of attending the college as non-resident students) for the following year. A form for the official transcript of the school record through the first three of the four final years of preparatory work will be sent to the school principals. The Book of Plans of the Library and Halls of Residence, with a room preference form, will be sent during the year to each candidate on the room list for the following year. A health certificate form will be sent to each candidate early in April. The form for the principal's recommendation and record of the final year's work will be sent to the schools on May first, to be returned as soon as the school year is over.

The work required for matriculation covers fifteen units, as outlined on page 30. Candidates may offer either Plan A, Plan B or Plan C of the College Entrance Examination Board, with the following restrictions:

(a) Candidates who have been prepared largely by private tuition may be required to offer Plan A, (b) candidates whose school training has been irregular, who have attended several different schools in the four years preceding entrance to college, or who have spent only one year in the school of final preparation may be required to offer Plan A, (c) candidates whose school records are for any reason unsatisfactory to the Committee on Entrance Examination may be required to offer Plan A.

*Admission
of Under-
graduate
Students*

*Admission
by
Examina-
tion
Room
Application*

*Application
for
Admission*

*Require-
ments
for
Matricula-
tion*

Plan A

Plan A candidates offer College Entrance Examination Board examinations covering all fifteen required units. They may take these examinations in a single June examination period or may divide them between two June periods separated by not more than one year. If at the close of the final division they have offered all fifteen units and have received a grade of 60 or over in at least twelve, they may repeat conditioned examinations in September. The September College Board examinations are held at Bryn Mawr College solely for the purpose of removing conditions incurred by Plan A candidates in a previous June examination period. Application for these examinations, accompanied by a five-dollar fee for each condition, should be made to the Secretary and Registrar of the College before September 1st. Candidates are not permitted to offer September examinations between the first and final June divisions or to offer a regular first or final division in September.

While the required units are fifteen in number, Plan A candidates who are prepared to offer in addition two units of a third foreign language (French or German or Greek) or one unit of Trigonometry and one of Solid Geometry are permitted to take their examinations in three consecutive June periods instead of only two. No advanced standing credit is given in such cases for the extra two units; they constitute an added matriculation requirement in return for the privilege of offering a third division.

The fifteen required units are as follows:

<i>Subjects</i>	<i>College Board Examinations</i>	<i>Units</i>
Ancient Language*		4
Latin.....	Latin Cp. 4	
or Greek.....	Greek Cp. 3	
and Latin.....	Latin Cp. 2	
English.....	English Cp.....	3
Mathematics.....	Mathematics Cp. 3.....	3
Algebra.....	or Mathematics A	
and Plane Geometry.....	and Mathematics C	
Science†.....		1
Physics.....	Physics	
or Chemistry.....	Chemistry	
History.....		1
Ancient History‡.....	History A	
or English History.....	History C	
or American History.....	History D	
Second Foreign Language§.....		3
French.....	French Cp. 3	
or German.....	German Cp. 3	
or Greek.....	Greek Cp. 3	
 Total.....		 15

* See page 33 for note.

‡ See page 33 for note.

† See page 33 for note.

§ See page 33 for note.

Candidates offering Plan B must have covered in their school records the required fifteen units and must offer four College Board examinations (in addition to the Scholastic Aptitude Test) in a single June examination period, as follows:

- (1) English Cp.
- (2) A foreign language (Latin Cp. 4 or French Cp. 3 or German Cp. 3 or Greek Cp. 3).
- (3) Mathematics or science (Mathematics Cp. 3 or Mathematics A or Physics or Chemistry).
- (4) An optional examination, to be chosen by the candidate from those of the fifteen required units which she is not offering for (2) or (3): history A, C or D; a second foreign language** as specified in (2); mathematics as specified in (3) if a mathematics examination has not already been offered; a science as specified in (3) if a science has not already been offered.

Plan B

Candidates offering Plan C must have covered in their school records the required fifteen units and must offer in addition to the Scholastic Aptitude Tests four College Board examinations from the groups now required by Plan B. They may take these examinations in two June divisions. At the end of the junior year in school they must take the

Plan C

* Plan A candidates are advised to divide the Latin examination if possible. They may offer Latin Cp. 3 (Prose Authors) or Latin Cp. 3 (Poets) in one division and Latin Cp. H (if already credited with Cp. 3, Prose Authors) or Latin Cp. K (if already credited with Cp. 3, Poets) in the other.

Plan A candidates wishing to divide the Greek examination may offer the Cp. 2 in one division and the Cp. H in the other. Those wishing to divide the French examination may offer French Cp. 2 in one division and French B in the other. Plan A candidates offering German may make a similar division of that examination.

† The Teacher's Laboratory Certificate, furnished to the candidate by the College Entrance Examination Board, should be forwarded to the office of the Secretary and Registrar not later than the day for which the science examination is scheduled. Laboratory notebooks should not be submitted to the College.

‡ The College urges that ancient history be offered as the requirement for entrance in history. Knowledge of the civilization of the ancient world is essential both for an appreciation of the Greek and Latin literature as studied in preparatory school and college and for the introductory course in college history, which begins with the downfall of the Roman Empire.

In case the curriculum of the school in which the candidate has received her preparation makes it difficult for the candidate to offer Ancient History, English History or American History or some other satisfactory year's work in history may be offered instead. If any of these options is adopted and, if the candidate after admission to college should wish to enter the course in first year history, she will be expected then to give evidence of familiarity with ancient history. Such evidence should be either a certificate from her preparatory school that she completed within reasonable time before entering college an adequate course in ancient history and attained in it a satisfactory grade or that she has done suitable private reading in the subject. The private reading will be tested by a brief oral examination.

§ If Greek and Latin are chosen under the heading "Ancient Language," French or German must be offered. Attention is called to the advantage of offering Greek or German as an extra subject for advanced standing.

** Candidates wishing to offer Latin for the optional examination may offer the Latin Cp. H (Poets), or Cp. K (Prose Authors) provided French or German or Greek is offered as the required foreign language.

Scholastic Aptitude Tests and two examinations (not English). On the basis of the results of these examinations, the Scholastic Aptitude Tests, school records and recommendations from the principal, provisional acceptance may be given. Final acceptance will depend upon the results of the remaining two examinations which are to be taken at the end of the senior year and upon the school records of that year. Candidates who are not provisionally accepted at the end of the junior year must apply for admission under Plan A or Plan B.

Applications for admission by Plan C should be filed on or before May 1st of the junior year in secondary school. Approval must be given by the college of the examinations chosen under Plan C. The grades on College Board examinations of Plan C candidates, as of Plan B candidates, will be considered confidential.

Plan D

Candidates from schools remote from the college and from schools where the course of study has not been specially designed to meet the College Entrance Examination Board examinations may use this plan. Ordinarily candidates from the larger endowed academies and private preparatory schools must enter by examination. Admission under this plan is on the basis of the school records and recommendations and the Scholastic Aptitude Tests. To be considered for admission by Plan D candidates must have ranked, during the last two years of their school course, among the highest seventh of a graduating class containing at least seven students. They must have covered in their school records the required fifteen units.

Candidates are eligible to apply for admission by Plan D only in the year in which they first graduate from a secondary school. Candidates must register with the College Entrance Examination Board to take the Scholastic Aptitude Tests. Applications should state specifically

- (1) The number of pupils in the graduating class,
- (2) The applicant's exact numerical rank in the class.

All candidates for admission by any plan are now advised to take the Scholastic Aptitude Tests at the end of the junior year in secondary school.

APPLICATION FOR COLLEGE ENTRANCE BOARD EXAMINATIONS

Examination of June 17-22, 1935

Application for College Entrance Board Examina- tions

Application blanks for the examinations should be obtained from the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York City, N. Y.

A standard fee of ten dollars, remitted by postal order, express order, or draft on New York, should accompany each application.

In order to facilitate the holding of examinations in the various centers, all applications should be filed at the earliest possible date. Applications for examination *must* reach the Secretary of the Board:

For examination east of or on the Mississippi River: on or before Monday, May 27, 1935. For examination elsewhere in the United States or Canada: on or before Monday, May 20, 1935.

For examination outside the United States and Canada except Asia: on or before Monday, May 6, 1935.

For examination in China or elsewhere in the Orient: on or before Monday, April 22, 1935.

If a candidate fails to obtain the regular application blank, the usual examination fee arriving before the specified date will be accepted provided that it is accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected and a complete list of the subjects in which she expects to be examined.

Applications for examination received later than the dates specified will be accepted when it is possible to arrange for the examination of the candidate, but only upon the payment of an additional fee of five dollars.

The designation of the center to which the candidate will go for examination is regarded as an essential part of her application. Requests that examinations be held at particular points should be sent to the Secretary of the Board not later than February 1. A list of examination centers will be published about March 1.

Candidates should report for a morning examination at 8.45 and for an afternoon examination at 1.45, Standard or Daylight Saving Time, according to the usage in the local schools. Under no circumstances will a candidate be admitted to the Scholastic Aptitude Test later than the hour at which the test is scheduled to begin.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published by the College Entrance Board annually about December 1. Every candidate is advised to become familiar with these requirements. Upon request a single copy will be sent to any teacher free of charge; in general a charge of thirty cents, which may be remitted in postage, will be made.

Candidates are admitted on transfer from certain approved colleges and universities, the curriculum of which corresponds to that of Bryn Mawr. Transfer candidates must present credits equal to the Bryn Mawr College requirements for matriculation. They must, moreover, present a certificate of honourable dismissal and an official statement that they have studied in regular college classes for one college year, that they have passed examinations covering at least one year of academic work in a regular college course leading to the degree of Bachelor of Arts, that they are in good standing in said College and that they would be able to take their degree there in due course. No credit will be given for work done elsewhere until the student has completed successfully a year's work at Bryn Mawr College.

Students of other colleges who have outstanding conditions or have otherwise failed to meet prescribed standards of academic work or have

*Admission
on Transfer
from
Another
College*

been put on probation, have been suspended or excluded, will under no circumstances be admitted to Bryn Mawr College. Such students may not cancel their college work elsewhere, offer the Bryn Mawr College requirements for matriculation and enter Bryn Mawr as Freshmen.

Hearers

Women over twenty-five years of age are admitted as "hearers" without matriculation examination, but they must furnish proof that they have at some time pursued the studies required for matriculation. Hearers are clearly distinguished from regularly matriculated students and must obtain permission from each instructor to attend recitations, examinations and laboratory exercises; they must satisfy their various professors that they can profit by their elected courses. Hearers are not, strictly speaking, recognized by the college; they are not eligible for degrees and may receive only such certificates of collegiate study as their various instructors see fit to give. They are charged the full tuition fee (five hundred dollars).

No special students other than "hearers" are admitted to Bryn Mawr College.

EXAMINATIONS FOR ADVANCED STANDING

*Advanced
Standing*

Candidates who wish to enter the college with advanced standing may, in addition to the fifteen units required for matriculation, offer the following subjects: the First Year Course in Latin, counting as one unit; Trigonometry and Solid Geometry, counting as one-half unit; elementary Greek, counting as one and one-half units, or French or German, counting as one unit each, provided it was not included in the fifteen units required for matriculation.

The first year course in Latin may be offered for examination by candidates for matriculation who desire to enter the College with advanced standing and, at their discretion, by matriculated students without attendance on the college classes provided it is offered not later than the beginning of the student's junior year. The credit for the course will be one unit.

The following is the list of reading on which the examination will be based:

Plautus, *Mostellaria*; Livy, Book I; Catullus, *Select Poems* (all the poems in F. P. Simpson's *Select Poems of Catullus*, Macmillan, New York); Horace, Odes I, except 13, 15, 25, 28, 33, 36; II, except 2, 4, 5, 8, 12, 15; III, except 6, 10, 11, 15, 16, 19, 20, 24, 27; IV, except 4-6, 10-13; *Carmen Saeculare*; Epodes 2 and 16 only (Shorey-Laing edition of Horace's *Odes and Epodes*, B. H. Sanborn); Vergil, the Eclogues; Reading of the chapters on Plautus, Livy, Horace, Vergil in Duff's *Literary History of Rome*.

The examinations in Latin, Trigonometry and Solid Geometry are held in the first three weeks of the college year and may be taken by a student in her freshman, sophomore or junior year. Examinations in Elementary Greek, French or German may be taken in the College Entrance Examinations in June or, by special arrangement with the Secretary and Registrar, in the autumn. They may not be offered later than the autumn of the junior year.

Students who have passed examinations for advanced standing are credited with the equivalent number of units of college courses and are so enabled to enter at once the more advanced courses to which these are preliminary; they thus secure a larger choice of elective courses or may, at some time in their college course, with the consent of the Dean, substitute this credit for that obtained by attendance at college classes. Students may also secure credit for elective courses in Modern Languages by passing certain examinations in French, German, Italian and Spanish which may be taken only in the first three weeks after entering the College. In no case, however, is it possible by passing examinations for advanced standing to shorten the required four years of study necessary for the bachelor's degree, although not all of the time must be spent at Bryn Mawr College.

GENERAL REGULATIONS

Residence Residence in the college buildings is required of all undergraduate students except those who live with their families in Philadelphia or the vicinity.

Registration Every student enrolled is required to register with the Comptroller. This registration must be completed before 8.45 A.M. on the first day of lectures. The Dean of the College is academic advisor to all undergraduate students and every undergraduate student consults the Dean of the College in regard to the planning of her academic work and registers her chosen courses with the Dean of the College before entering upon college work.

Freshman Week The members of the entering class are asked to come into residence four days before the college is opened to returning students. They are received by the Wardens of the various halls and a Reception Committee of upper classmen. Appointments with the President of the College, who wishes to interview all new students, should be made promptly at the office of the Dean and appointments with the Dean should also be made. These interviews with the President and the Dean begin immediately and registration of courses is concluded before the college year officially opens. The new students are made familiar with the intricacies of the library, take their tests, their medical and physical examinations and become at home in the college before the stress of the first days of academic work.

Conduct The Student's Association for Self-Government, organized in 1892, controls the conduct of the students in all matters except those which are purely academic or which affect the living arrangements of the student body. All undergraduate students of Bryn Mawr College are members of this association.

College Regulations The college reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable; in such cases the fees due or already paid to the college will be neither refunded nor remitted in whole or in part.

In case of emergency the college assumes the right to take all responsibility.

Attendance Regular attendance at classes is expected of all undergraduates; an unreasonable number of unexcused absences will be penalized.

Examination Regulations The absolute integrity of all work is demanded of every student. No student shall give or receive any assistance in an examination or written quiz or hold any communication with another student. The rules governing written work are published for each freshman and are publicly announced at the beginning of each semester and before each examination period. Any infraction of the rules, regardless of motive, or any action contrary to their spirit, constitutes an offense.

While the required studies leading to the degree of Bachelor of Arts are not prescribed for any special year in the college course, students are advised to plan their work carefully with reference to the lecture schedule so that a conflict of hours will not prevent them from electing the advanced courses they wish. Students electing a scientific group, such as chemistry and biology, should arrange their work to avoid possible conflict in laboratory hours. *Schedule*

REQUIREMENTS FOR DEGREE OF BACHELOR OF ARTS

Degree of Bachelor of Arts

The full course of undergraduate study leads to the degree of Bachelor of Arts. The basis of credit is the "unit," which represents one-quarter of the student's time for one year, or approximately ten hours of work a week, including class meetings.

Every candidate for the degree of Bachelor of Arts must have attended college classes in Bryn Mawr College for a period of four years;* must have passed examinations on work amounting to fifteen units and must have obtained a grade of 70 or above on half of these fifteen units. In her major subject she must receive grades of 70 or above in all her courses for the first two years.† She must have a reading knowledge of French and German and must also have fulfilled the requirements of the department of Physical Education.

STUDIES LEADING TO THE DEGREE OF BACHELOR OF ARTS

The following course of study must be pursued by every candidate for the degree of Bachelor of Arts:

Required Studies

English Composition, one unit. In connection with this course students are required to attend a course in English diction, one-half hour a week throughout the year.

Science, one unit.§

Greek, Latin, or English Literature, one unit.‡

Philosophy, one unit.**

Major Courses

Major Subject with Allied Subjects, six and one-half units. All students must take at least three and one-half units in the major subject: one unit in the first year, one and one-half or two units in the second year and one unit in advanced work. This represents the minimum work in the major subject. Most students are urged to take more than one unit of advanced work and students who, in the opinion of the department, show special promise will be recommended for honours work.

* By permission of the Curriculum Committee of the Faculty, work done at some other college of high standing may in special cases be submitted for one of the four years of required attendance at classes. See page 33.

† A student who has received grades of 80 or above in a part of this work and grades between 60 and 70 in a corresponding part will be regarded as having met this condition. A student will not be permitted to major in a subject in which she has incurred a condition or failure. Exceptions may be made to this general rule on the recommendation of departments only where unsatisfactory grades have been incurred in first-year work.

§ A student majoring in Science must substitute for the science requirement a unit of Psychology, or Economics, or Politics, or History, or History of Art or Archaeology.

‡ A student majoring in Greek must offer for the third unit of required work either First Year Latin or First Year English. A student majoring in Latin must offer First Year Greek or Elementary Greek or First Year English. A student majoring in English must offer First Year Greek or Elementary Greek or First Year Latin.

** A student majoring in Philosophy must offer a unit of Psychology for the fourth unit of required work.

Free Elective Courses, four and one-half units, to be chosen by the student. The only limitation is that imposed by the prerequisites of the courses selected and any courses open to the individual student as free electives may be taken without the remainder of the courses of which they may form a part.

*Free
Elective
Courses*

Students who wish to attend a course regularly without being formally registered must obtain permission from the Dean. The Dean is expected to limit the number of courses a student may visit and any instructor may notify the Dean that his courses are not open to such students.

Visitors

All students are required to take part in work organized by the department of Physical Education during their first two years in college. Students who do not satisfactorily meet the requirements of the department must continue this work during the later years of their college course.

*Physical
Education
and
Hygiene*

A course in Hygiene of two hours a week for one semester is required of all students in their second year of college but does not count as a part of the fifteen units.

A Reading Knowledge of French and German is required of all students. The language which the student offers at entrance is known as the First Foreign Language and the other as the Second Foreign Language. The First Foreign Language must be offered for examination in the autumn or spring of the junior year. Students failing to pass must present themselves for re-examination on the first or second Saturday of their senior year. Any student who at that time receives a grade below 50 will be prevented from receiving her degree at the end of her senior year. She will not be allowed to present herself for a third examination before the autumn of the following year, but may present herself for any subsequent examination. Any student receiving a grade between 50 and 60 must register for work under the direction of the department. She may then take a third examination in the spring of her senior year. The Second Foreign Language may be taken in any autumn or spring after entrance up to the end of the junior year. A student who receives a grade below 60 may not offer herself for re-examination until the following autumn. Examinations in the Second Foreign Language for those students who have not fulfilled the requirement by the end of their junior year are the same as for the First Foreign Language.*

*Reading
Knowledge
of French
and
German*

Seniors who are conditioned in both language examinations in the fall of their senior year will be allowed to try only one of those examinations in the spring and therefore will not be able to receive their degrees that spring.

Extra-curriculum supervised reading in French and in German, conducted by regular members of the respective departments without charge to the students, may be taken if desired by students in either French or German.

*Extra-
curriculum
Courses*

* A student who offers Latin and Greek at entrance and who elects the course in First Year Greek in college, not counting it for the literature requirement, is required to offer only one modern language for examination.

*Tabular
Statement
of
Required
Studies*

The studies required for a degree may be tabulated as follows:

1	2	3	4	5	6
English Composition. One unit	Science: Physics or Chemistry, or Geology, or Biology. One unit	Greek, Latin, or English Literature. One unit	Philosophy. One unit	Major and Allied Subjects. Six and one-half units	Elective Courses. Four and one-half units

*Advanced
Standing*

In order to give more time for advanced studies and to lighten the college course, students are permitted to take examinations in certain subjects included in the course without attending the college classes in these subjects. Trigonometry, solid geometry and elementary Greek, French, German, Italian or Spanish, and first year Latin may be taken in this way if offered not later than the beginning of the junior year. A student who can furnish proof that she has acquired advanced knowledge of French or German is permitted to take examinations for advanced standing in reading and composition in these languages, but only in the first three weeks after entering college.

*Scholarship
Grades*

Students not wishing to study for a degree are permitted to elect any of the undergraduate studies for which they have been fitted by previous training. If at any time a degree should be desired, such students will be given full credit for all courses leading to the degree.

Numerical grades on the basis of 100 are given on all work which is to be counted for the A. B. degree. The A. B. degree is awarded cum laude, magna cum laude, or summa cum laude to students whose numerical average is 80-85, 85-90, or 90 or over, respectively. The degree with distinction in the subject is given to students who have satisfactorily completed the honours work in a given department.

CURRICULUM

There are offered each year to undergraduates major courses in the following subjects: Biology, Chemistry, Classical Archæology, Economics and Politics, English, French, Geology, German, Greek, History of Art, Italian, Latin, Mathematics, Modern History, Philosophy, Physics, Psychology and Spanish and elective courses in the above and in Biblical Literature, Social Economy, Education and Music.

In each fully organized department there is the following course: one unit of first year work, one and one-half or two units of second year work and advanced work according to the needs of the department. Every candidate for a degree is required to take three years of work in her major subject and at least two units of allied subjects. The object of this system is to enable the student to acquire the foundations of a specialist's knowledge and the required courses, namely, English, Philosophy, Literature and Science are intended to insure a more liberal training than could be obtained if every student combined elective studies without restriction.

*Major
Courses*

The required course in English Composition is designed primarily to teach students in their first year in college how to express themselves clearly and correctly. A special effort is made to train them to use a variety of reading matter and to gather and present the material for reports and papers in preparation for their more advanced work in their major subject. The required course in Literature gives to each student a broader view of one field of literature with which she has already gained familiarity in her school work and thus serves as a background for further work in literature in college. The required course in Science gives, for one year at least, to the student of history and literature the same kind of instruction and discipline as is received by the scientific student. The course in Philosophy forms a general introduction to the study of ideas and the history of thought.

*Required
Courses*

All first-year courses may be elected by any student and special free elective courses of one unit and one-half unit are offered in many departments.

*Free
Elective
Courses*

Advanced courses are open only to students who have completed the first and second-year major work in the subject.

*Advanced
Courses*

Honours work at Bryn Mawr College has been organized by departments individually and the arrangements for it are described in detail under those departments. It is, by definition, work of a more advanced character than that done in the regular courses, requiring greater initiative and power of organization on the part of the student than is usually the case in undergraduate work. A broad background in the subject is assumed before the student starts on honours work and in many departments students are expected to devote part of their time to preparation for a comprehensive examination to test their knowledge of the whole field. One or two long reports or papers giving to the student the opportunity to develop and test her powers in the selection and interpretation of source material are usually required.

Honours

Students planning to do honours work should wherever possible complete the first and second year courses in their major subjects by the end of their sophomore year. Only students who have shown outstanding ability in those courses will be admitted to honours work. Such students should also complete in their first two years in college the courses in allied subjects which are fundamental to the thorough understanding of the major subject. In some cases it may be advisable to carry on work in allied subjects for one year to the exclusion of the major subject, but in no case may a student be admitted to honours work unless she has completed all of the first and second year work in her major subject by the end of her junior year.

In the senior year honours students are expected to register for at least two units of work (one-half of their time) with the major department. A part of this time may be devoted to the lectures and reading of an advanced course, but at the discretion of the department honours students may be released from quizzes, reports, or examinations in connection with course work in order to devote more of their time to the special topics assigned them and in order to prepare for the honours examinations. Two units of work with the major department, to be undertaken after the completion of the first and second year courses in the major subject, represent a minimum requirement for honours students. It is expected that in most cases honours students will carry additional advanced or honours work either in the junior year or in the senior year.

Students who have successfully completed the honours work as outlined for them by the department will be awarded the A. B. degree with distinction in the subject.

PRE-MEDICAL COURSE

The courses of Bryn Mawr College in physics, chemistry and biology correspond to those of the Johns Hopkins University* and it is easy for a student to select a course corresponding exactly to the Preliminary Medical Course of the Johns Hopkins University. Students planning to begin the study of medicine should elect physics for one year, biology for two years, and chemistry for two or three years.

The Women's Medical College of Pennsylvania admits students of Bryn Mawr College who have pursued the chemical-biological course that leads to the A.B. or the Ph.D. degree.

* 1. A collegiate degree from an institution approved by the American Medical Association. The list of approved colleges may be obtained from the Secretary of the Council on Medical Education of the American Medical Association, 535 N. Dearborn Street, Chicago, Illinois.

2. Certification that the applicant has satisfactorily completed the following minimal requirements:

Biology: At least one year of college work (12 semester hours) in General Biology, consisting usually of 3 lecture hours per week (6 semester hours) and 180 hours (6 semester hours) of laboratory work. One-half of this may be in Comparative Anatomy, Embryology or Zoology. Courses in Bacteriology will not be accepted, as this subject is included in the medical curriculum.

Chemistry: At least two years of college work (24 semester hours), of which one and one-third years (16 semester hours) should be devoted to General and two-thirds of a

year (8 semester hours) to Organic Chemistry. Each year's work should comprise three class-room exercises and five, or preferably six, hours of laboratory work per week. This represents only a minimal training. Three years' work is advised, including a course in Quantitative Analysis and a short course of lectures and demonstrations in Physical Chemistry.

Physics: At least one year of college work (10 semester hours) consisting usually of 90 hours of class work (6 semester hours) and at least 120 hours (4 semester hours) of quantitative work in the laboratory.

French and German: A reading knowledge is required. This presupposes two years of high school and one year of college work, or two years of college work (12 semester hours) in each language. If, however, students with a shorter preparation believe that they can read fluently, a reading test will be given. If satisfactory, the requirement will be absolved; but, if not, additional work must be taken and the condition absolved before the student can enter the second year of the School.

Latin: This should include grammar and such knowledge of the language as may be acquired by reading four books of Caesar or their equivalent.

3. Application forms may be obtained by writing to the Assistant Dean, Johns Hopkins University School of Medicine, Monument and Washington Streets, Baltimore, Md. These applications may be completed and returned to the Assistant Dean at any time during the candidate's senior year in college (not later than June 1st). They will be considered in order of receipt and the applicant notified of the decision as soon as possible. The number of students in each class is limited to 75. The tuition is \$600 a year, collectible in two equal instalments, one at the opening of the academic year and one at the beginning of the second half-year.

COURSES OF STUDY

1934-35

Biblical Literature

LECTURER: HOWARD HAINES BRINTON, Ph.D.

The undergraduate instruction offered in this department includes one unit of free elective courses.

*Free
Elective
Courses*

Full Year Courses.

FREE ELECTIVE COURSES

The Literary History of the Bible.

Credit: One-half unit.

(Given in 1934-35)

A general course on the contents of the English Bible (including apocryphal writings) studied from the viewpoint of literary forms and origins and aiming to enable the student to recognize the influence of the Bible on art, literature and other aspects of civilization.

This course will be given in 1934-35 by Professor Chew of the Department of English (see p. 59).

History of Religions: Dr. Brinton.

Credit: One-half unit.

(Given in 1934-35)

Comparative study of the living religions, including Hinduism, Buddhism, Confucianism, Taoism, Shintoism, Zoroastrianism and Mohammedanism. Readings from the great religious writings.

GRADUATE WORK

Graduate work is usually offered in this department, but for the year 1934-35 no graduate work will be offered at Bryn Mawr. Graduate students in this field may work at the University of Pennsylvania. Further information will be found in *The Calendar of Graduate Courses*.

Biology

PROFESSOR: DAVID HILT TENNENT, Ph.D.

ASSOCIATE PROFESSORS: MARY SUMMERFIELD GARDINER, Ph.D.

ERNEST WESLEY BLANCHARD, Ph.D.

INSTRUCTOR: J. GORDON CARLSON, A.B.

The undergraduate instruction offered in this department includes one unit of first year work and one and one-half units of second year work. Advanced work is offered in Embryology of the Vertebrates, Cytology, Biochemistry, Genetics and Physiology, with a minimum of one unit of credit and a maximum of two units for each course.

At the end of the second year of work a student may be recommended for Honours in Biology. Honours work may be done in Embryology, Cytology, Biochemistry or Physiology, and the satisfactory completion of at least two units of honours work entitles the student to receive her degree with Distinction in Biology.

The work of the first year course forms a general introduction to the subject through a broad comparative study of living things (general biology). In the second year the foundation of a more minute knowledge of animal morphology and physiology is laid. The third-year work is devoted to a study of advanced subjects and to the practical investigation of simple problems. A knowledge of the elements of physics and chemistry is desirable for students entering any course in biology.

Allied Subjects:

Chemistry

Physics

Other subjects will be accepted in special cases

FIRST YEAR

Credit: One unit

Full Year Course.

Lectures and Laboratory Work in General Biology.

*Major
Course*

The object of this course is to give the student clear conceptions of the fundamental principles of morphology and physiology and of the relations of the biological sciences to one another and to other branches of science. The laboratory practice is designed to enable the student, as far as possible, to examine for herself the facts discussed in the lectures, to encourage the habit of exact observation and to impart a knowledge of the methods of practical work.

The general subject is treated in two courses which supplement each other and must be taken together. The work is designed not simply to teach the elements of zoölogy and botany, as commonly understood, but in addition to treat plants and animals with constant reference to one another, both as to structure and as to mode of action. Emphasis is therefore laid on the essential facts of comparative morphology and physiology (general biology) as illustrated by a thorough study of a few types, rather than on the minutiae of classification.

1st Semester.

Lectures: Dr. Gardiner.

Laboratory: Dr. Gardiner and Mr. Carlson.

During the first semester, the student studies a number of animals and plants, so arranged as to form a natural progressive introduction to the general principles of biology. The student makes a detailed examination of unicellular organisms and from these proceeds gradually to the complex conditions of structure and function in higher animals and plants.

2nd Semester.

Lectures: Dr. Tennent and Dr. Blanchard.

Laboratory: Dr. Tennent, Dr. Blanchard and Mr. Carlson.

During the second semester attention is given mainly to the biology of higher animals. Two-thirds of the semester is devoted to a study of the morphology and physiology of vertebrates; the remainder of the semester to a study of the embryology of the frog and in greater detail to that of the chick.

SECOND YEAR

*Credit: One and one-half units**Full Year Course.*

Lectures and Laboratory Work in Invertebrate Zoölogy and Vertebrate Anatomy and Physiology.

1st Semester.

Lectures on Elementary Physiology: Dr. Blanchard.

Laboratory Work: Dr. Blanchard and Mr. Carlson.

The aim of this course is to present the facts of animal physiology. Digestion, respiration, circulation, nervous and muscular activity are studied from the point of view of the processes themselves rather than that of the physical and chemical principles underlying them. The laboratory time is devoted to a study of the anatomy of the cat, both from dissection and from histological preparations and, very briefly, to methods and practice of physiological experimentation, especially of muscle and nerve. A previous knowledge of chemistry is not required.

2nd Semester.

Lectures on Zoölogy of Invertebrates: Dr. Gardiner.

Laboratory Work: Dr. Gardiner and Mr. Carlson.

This course extends the work of the first year so as to include a survey of the morphology and taxonomy of the main groups of invertebrate animals.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to extend the work of the first two years and to offer the student the opportunity for specialization in chosen fields. By special arrangement any of the advanced courses may be extended to one and one-half or two units of credit.

Full Year Courses.

Cytology: Dr. Tennent.

*Credit: One unit.**(Given in 1934-35)*

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation and fertilization. Both plant and animal cells are studied and instruction is given in methods of preparing cytological material for microscopical examination. At least six hours of laboratory work are required.

Embryology of Vertebrates: Dr. Tennent.

*Credit: One unit.**(Given in 1935-36)*

This course consists of lectures, assigned reading and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of Amphioxus, Ascidian, Amia, Lepidosteus, Squalus, Ctenolabrus, Necturus, Rana, Chrysemys, Chick and Pig. At least six hours of laboratory work are required.

Theories of Heredity: Dr. Gardiner.

Credit: One unit.

(Given in 1934-35)

This course presents a survey of the experimental work upon heredity and includes a consideration of Mendelism and subsequent theories of inheritance. There are two lectures a week; the remainder of the student's time is divided between laboratory work covering a study of chromosomes and simple breeding experiments, and reading assignments from original papers.

Advanced Physiology: Dr. Blanchard.

Credit: One unit.

(Given in 1934-35)

A study of the vital functions of living organisms from the chemical and physical as well as from the biological standpoint. During the second semester the stress is placed upon mammalian physiology. The laboratory work is planned to develop a knowledge of the technique of physiological experimentation as well as to present the facts in a form in which they may be easily grasped by the student. It is expected, except in special instances, that the student will have had the equivalent of two years of chemistry. There are two hours of lectures and a minimum of six hours of laboratory work per week. Students may, with the permission of the instructor, perform a certain amount of independent investigation.

Biochemistry: Dr. Blanchard.

Credit: One unit.

(Given in 1935-36)

This course deals with the simpler aspects of the chemistry of living organisms. The properties and reactions of the substances of biological importance are studied. Under ordinary circumstances it is expected that a student will have had organic chemistry. There are two lectures and six hours of laboratory work per week.

HONOURS WORK

Honours work in any of the advanced fields is offered to qualified students. *Honours*

GRADUATE WORK

Graduate work is offered in this department. Seminars are arranged in a three-year cycle. Further information will be found in *The Calendar of Graduate Courses*.

Chemistry

PROFESSOR:	JAMES LLEWELLYN CRENSHAW, Ph.D.
ASSOCIATE:	ARTHUR CLAY COPE, Ph.D.
INSTRUCTOR:	EDITH HAMILTON LANMAN, M.A.
DEMONSTRATOR:	LOUISE FEROST HODGES CRENSHAW, A.B.

The undergraduate instruction offered in this department covers five and one-half units of work; it includes two and one-half units of undergraduate first and second year work and three units of advanced courses and honours

work open only to graduates and to undergraduates who have completed the major course in chemistry.

The first year's work is a general introduction to the subject. Lectures are given in inorganic chemistry and qualitative analysis.

In the second year the lectures are on physical and organic chemistry.

The advanced undergraduate courses are intended to prepare students for independent work, particular attention being paid to laboratory methods.

Allied Subjects:

Biology
Geology
Mathematics
Physics

FIRST YEAR

Credit: One unit

Full Year Course.

1st Semester.

Introduction to General Chemistry: Dr. Crenshaw.

Laboratory Work: Miss Lanman and Mrs. Crenshaw.

The course does not presuppose any knowledge of chemistry. During the first semester, the nature of chemical action is taught in the classroom by lectures that are illustrated by a series of experiments in which the more important substances are made and transformed, the time being spent largely on the non-metals. Throughout the semester the lectures and the laboratory work are complementary.

2nd Semester.

The Chemistry of the Metals: Dr. Cope.

Laboratory Work: Miss Lanman and Mrs. Crenshaw.

During the second semester, this course deals with the properties of the more important metallic elements and their compounds. The methods of separation employed in the laboratory are discussed, and the fundamental principles upon which these methods of separation are based are emphasized. The lectures are supplemented by required private reading.

The laboratory work consists of qualitative analyses. The students are first taught to identify the basic and acidic constituents of solutions; later they are required to carry out analyses of a few alloys and salts.

SECOND YEAR

Credit: One and one-half units

Full Year Course.

1st Semester.

Organic Chemistry: Dr. Cope.

Laboratory Work: Dr. Cope.

During the first semester the methods of preparation and the behaviour of the various classes of organic compounds are studied. Emphasis is laid on the processes of reasoning by which the constitution of organic compounds is established.

The laboratory work is devoted to organic preparations. Simple representatives of the more important classes of organic compounds are first prepared and their typical reactions studied. After a familiarity with the methods of dealing with organic substances has been gained, syntheses of a few of the more complex organic compounds are carried out.

2nd Semester.

Lectures on Elementary Physical Chemistry: Dr. Crenshaw.

Laboratory Work: Miss Lanman.

During the second semester chemical facts are considered from the point of view of common and exact relations and from these relations the laws and theories of chemistry are developed. Special attention is paid to the atomic theory, the laws of gases, the theory of solutions and electro-chemistry. Private reading and outside preparation amounting to at least three and a half hours are required.

The laboratory work consists of quantitative analyses. Each exercise is important in itself and illustrates some principle or involves some manipulation of general application in analytical work.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to select some of these courses.

*Advanced Courses**Full Year Courses.*

Physical Chemistry: Dr. Crenshaw.

Credit: One and one-half units.

(Given in each year)

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

The laboratory work is designed to prepare the students for physico-chemical research. By special arrangement this course may count for more than one and one-half units of credit.

Advanced Organic Chemistry: Dr. Cope.

Credit: One unit.

(Given in each year)

The course consists of lectures and assigned reading with occasional reports and laboratory work. During the past year the following subjects received particular emphasis: quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

By special arrangement this course may count for more than one unit of credit.

Inorganic Chemistry: Miss Lanman.

Credit: One unit.

(Given in each year)

Selected topics in inorganic chemistry are discussed in detail and parallel reading is required. The laboratory work consists of advanced quantitative analyses. By special arrangement this course may count for more than one unit of credit.

HONOURS WORK

Students specially recommended by the department may register for honours work in any one of the three advanced courses. A minimum of one and one-half units of work must be taken in the particular advanced course chosen.

Honours

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Classical Archæology

PROFESSORS:	RHYS CARPENTER, Ph.D. MARY HAMILTON SWINDLER, Ph.D.
ASSOCIATE PROFESSOR:	VALENTIN MÜLLER, Ph.D.
DEMONSTRATOR:	HENRIETTA HUFF, A.B.

Undergraduate courses of five units are offered affording an introduction to the various branches of classical archæology. They are fully illustrated with lantern slides and photographs are available for review and comparison.

Courses begun in the first semester must be continued in the second semester.

Allied Subjects:

Ancient History
Greek
History of Art
Latin

FIRST YEAR

Credit: One unit

Full Year Course.

Greek Sculpture and Ancient Painting: Dr. Carpenter and Dr. Swindler.

1st Semester.

Greek Sculpture.

During the first semester the work is a critical study of the rise, perfection and ultimate developments of sculpture in Greece. The course is intended as a general introduction to the principles and appreciation of sculpture.

2nd Semester.

Ancient Painting.

During the second semester the course traces the development of ancient painting. The material studied includes Egyptian and Cretan frescoes, Greek vases, Pompeian wall paintings and the paintings from Etruscan sites.

SECOND YEAR

Credit: One and one-half units

Full Year Course.

Greek Archæology and Ancient Rome.

Credit: One-half unit.

1st Semester.

Greek Archæology: Dr. Carpenter.

A general introductory course on the methods and results of classical archæology, including a survey of the principal excavations in Greek lands.

2nd Semester.

Ancient Rome: Dr. Swindler.

During the second semester the course deals with the art and material civilization of Rome through Republican and Imperial times. The work begins with a study of Etruscan civilization. The course is intended as an introduction to Roman art, especially sculpture and painting.

Full Year Course.

Egyptian and Mesopotamian and Ægean Archæology.

Credit: One unit.

(Given in each year)

*1st Semester.***Egyptian and Mesopotamian Archaeology: Dr. Müller.**

During the first semester the work is a study of the arts of Egypt, Mesopotamia, Persia and the smaller intermediate cultures of Eastern Asia Minor, Syria (Hittite art), Phoenicia and Palestine. Architecture, sculpture, relief work and minor arts are dealt with, their principles and evolution from prehistoric times until the end of the ancient world.

2nd Semester.

Ægean Archaeology, Crete, Mycenae and the Islands from 3000 to 1100 B. C.: Dr. Swindler.

ADVANCED UNDERGRADUATE COURSE

*Full Year Course.***Ancient Architecture: Dr. Müller.**

Credit: One unit. Advanced Course

1st Semester

Special attention is given to Greek architecture, beginning with the Geometric period. For comparison Egyptian, Oriental and Roman architecture are dealt with, to repeat and to supplement the material treated in other courses, so that a complete picture of ancient architecture as a background of ancient civilization is afforded.

2nd Semester.

During the second semester the Architecture of Rome and the Roman Empire down to the late Imperial times are studied.

HONOURS WORK

Honours work is offered by the department for students who have completed two years of work in the department with distinction.

Honours

The work is conducted by means of reports, reading assigned in various fields and discussion of topics.

*1st Semester.***Greek Vase-Painting: Dr. Swindler.**

Various styles and masters are studied and some of the problems connected with Greek Vases, such as *Kalos* names, Etruscan trade relations and their significance and the importance of Greek Vases for certain aspects of Greek life, e. g., of the vases dealing with the theatre and religious subjects.

*2nd Semester.***Archaic Greek Sculpture: Dr. Müller.**

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Economics and Politics

PROFESSORS:

MARION PARRIS SMITH, Ph.D.

CHARLES GHEQUIERE FENWICK, Ph.D.

ROGER HEWES WELLS, Ph.D.

ASSOCIATE:

KARL L. ANDERSON, Ph.D.

The undergraduate instruction offered in this department includes four units of first and second year work; one-half unit of free elective work and

one or more units of advanced work. The object of the undergraduate courses in economics and politics is three-fold: first, to describe the development of economic and political institutions; second, to trace the history of economic and political thought, and third, to consider the practical economic and political questions of the day. Instruction is given by lectures, individual and group conferences, assigned readings, oral and written quizzes, written reports and such special class-room exercises and field trips as the different subjects require.

Allied Subjects:

History
Labour Movements
Mathematics
Philosophy
Psychology

FIRST YEAR

Credit: Two units

Full Year Course.

**Major
Course**

The Economic World: Dr. Wells and Dr. Anderson. *Credit: One unit.*

(This course may be taken as a free elective.)

The object of the course is to familiarize students with the economic world in which they live.

The course is not only intended as a foundation for the students who wish to specialize in economics, but also for the students whose interests lie in other fields and yet who desire a survey of the more important problems of economic life.

1st Semester.

During the first semester the course deals with Agriculture; Manufacturing and Marketing; Public Utilities and Trusts; Labour and Population Problems; Programs of Economic Reform.

2nd Semester.

During the second semester the course deals with Money and Banking; Organized Exchanges; Business Cycles; International Trade; Public Finance.

Full Year Course.

Modern Governments: Dr. Fenwick and Dr. Wells. *Credit: One unit.*

(This course may be taken as a free elective.)

The course is designed to present the structure and functions of federal, state and municipal government in the United States, together with an examination of the party system and its effects upon the actual operations of government. It is followed by a comparative study of the leading European governments, chiefly those of Great Britain, France, and Germany.

SECOND YEAR

Credit: Two units

Full Year Courses.

Economic Theory and Problems in the Nineteenth and Twentieth Centuries: Dr. M. P. Smith. *Credit: One unit.*

(This course may be taken only by students who have completed the first year course in economics and must be taken by all students who make economics a major.)

The object of the course is to trace the history of western thought on such subjects as the just distribution of wealth, property and slavery, capital and usury, the wages of labour and value and price and to familiarize the students with modern economic theory. The latter part of the course is devoted to a study of selected problems of the modern economic world; cost of living, unemployment, the business cycle, etc.

Problems in Money and Banking: Dr. Anderson. *Credit: One unit.*

(This course may be taken only by students who have completed the first year course in economics.)

1st Semester Course.

History of Political Thought: Dr. Wells. *Credit: One-half unit.*

(This course may be taken only by students who have completed the first year course in politics.)

The course is devoted to the history of western political thought. Some attention is given to Greek, Roman and medieval theories but the main emphasis is placed upon the development of political ideas in modern times. Selections from the writings of Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, T. H. Green, Laski, and others are read by each student as a basis for class discussions. Lectures and general reading are also included in the course and each student is expected to write one report dealing with some selected topic.

2nd Semester Course.

International Law: Dr. Fenwick. *Credit: One-half unit.*

(This course may be taken only by students who have completed the first year course in politics.)

The object of the course is to examine the existing rules of international law in order to determine their origin, their general observance and their applicability to the changed conditions of modern life. Special stress is laid upon the interpretation of international law by the United States and upon the organization and functioning of the League of Nations and the World Court.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate courses and graduate work. Since the amount of time given to undergraduate courses varies in different colleges, graduate students often find it advisable to elect some of these courses.

*Advanced
Courses*

Full Year Courses.

Problems of Economic Recovery: Dr. M. P. Smith. *Credit: One unit.*

(This course is open only to students who have completed the first and second year courses in economics or in politics.)

The object of this course is to give advanced students training in the use of source material for studies in economic problems and in research methods useful for graduate or professional studies. The topics studied will vary from year to year according to the needs and interests of the students in the class, or as political and economic problems become centers of public attention.

Contemporary Politics: Dr. Wells. *Credit: One unit.*

The subject matter of this course will be determined from year to year according to the needs of the class.

FREE ELECTIVE COURSE

Full Year Course.

Elements of Law: Dr. Fenwick. *Credit: One-half unit.*

(Given in 1934-35)

The object of this course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The topics covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property and the chief forms of procedure. The lectures are supplemented by a study and discussion of court cases bearing on the subject.

This course may be elected only by students who have completed the first year course in politics or in economics or in history.

*Free
Elective
Course*

HONOURS WORK

Honours Honours work is offered by this department to qualified students.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Education

This Department is organized in part from the Phebe Anna Thorne Endowment

PROFESSOR: AGNES LOW ROGERS, Ph.D.

ASSOCIATE PROFESSOR: *ILSE FOREST, Ph.D.

LECTURER: Appointment to be announced later.

The undergraduate instruction offered in this department includes three units of free elective work.

The Department of Education maintains a clinic for the mental and educational examination of school children. It offers psychological service to the schools of the vicinity.

The clinic is housed in a building behind Cartref where rooms have been equipped for the individual examination of pupils and for remedial work with pupils. There is a laboratory for the statistical work involved in school service carried on by the department. In addition to intensive studies of individual children who are failing with school work, testing programs have been carried through in schools, and complete psychological service has been supplied to one large school. The clinic is prepared to extend this service to other schools. In the clinic there is a collection of tests for these purposes together with measurement devices of all types and it is equipped also with remedial materials.

FREE ELECTIVE COURSES

Full Year Courses.

Educational Measurement: Dr. Rogers. *Credit: One unit.*

(Given in each year)

This course is designed to give advanced students training in the use of tests and scales of mental abilities and in the interpretation of their results. It is open to students who have taken the course in Mental Tests and Measurement or its equivalent (see page 90).

Child Psychology: Dr. Forest.* *Credit: One-half unit.*

(Given in each year)

This course deals with the mental and emotional characteristics of growing children, with special reference to the problems of training and guidance arising at various age levels. First year psychology is a prerequisite.

Students wishing to take the course for a full unit of credit may do so by special arrangement with the instructor for additional reading and observation in nursery schools.

Principles of Education: Dr. Forest.* *Credit: One unit.*

(Given in each year)

This course treats of the principles basic to educational procedure. During the first semester the origin and significance of present controversies in education is presented through a study of the rise and development of educational institutions. During the second semester special emphasis is placed upon the philosophy and the practice of modern progressive schools.

* Granted leave of absence for the year 1934-35. The courses offered by Dr. Forest will be given by an Instructor to be announced later.

1st Semester Course.

Educational Psychology: Dr. Rogers.

Credit: One-half unit.

The aim of this course is to give a knowledge of the facts and laws of Psychology that are essential to an understanding of the educative process and the critical evaluation of methods of instruction. It is designed to be helpful to prospective teachers and is accepted in partial fulfillment of State requirements for teachers.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses.*

English

PROFESSORS:

LUCY MARTIN DONNELLY, A.B.

SAMUEL CLAGGETT CHEW, Ph.D.

ASSOCIATE PROFESSORS:

STEPHEN JOSEPH HERBEN, JR., Ph.D.

CLARA MARBURG KIRK, Ph.D.

ASSOCIATES:

ENID GLEN, Ph.D.

CORNELIA LYNDE MEIGS, A.B.

NON-RESIDENT LECTURERS:

SAMUEL ARTHUR KING, M.A.

MINOR WHITE LATHAM, Ph.D.

INSTRUCTORS:

HORTENSE FLEXNER KING, M.A.

MARY KATHARINE WOODWORTH, M.A.

MARGARET PALFREY, A.B.

The undergraduate instruction offered in English includes lectures and recitations on English Composition, required of every candidate for the Bachelor's degree, six units of first year, second year and advanced English; three units of free elective work; one unit of elective work in English diction and honours work.

Students majoring in English must offer Greek or Latin for the required work in Literature and must complete one unit of first year work, two units of second year work and one unit of advanced work. Students who wish to specialize in the field of Old or Middle English must take at least one course in the later period and students specializing in modern literature must take one course in the earlier period. Any of the second year courses, and in special cases any of the advanced courses, may be taken separately as free electives by students who have completed the first year course.

COMPREHENSIVE EXAMINATION

A comprehensive examination over the general field of English Literature will be required of all students electing English as a major.

Allied Subjects:

History

History of Art

Any language or literature

Philosophy

ENGLISH COMPOSITION

*Credit: One unit**Full Year Courses.***Required Courses**

English Composition: Dr. Kirk, Dr. Glen, Miss Woodworth, Miss Meigs, Miss Palfrey. *Credit: One unit.*

A study of the forms of composition based upon reading in the prose and poetry of the Nineteenth Century and the present time.

The Principles of Articulation: Mr. King.

This course deals with a system of oral gymnastics, by which a distinct, firm and fluent articulation can be acquired. The means of instruction for improving the quality of the speaking voice and for acquiring a correct production are pointed out. Special attention is paid to the cure of nasality and other vicious habits of speaking. The common errors of articulation and the vulgarisms constantly heard in everyday speech are clearly defined. *This course is required for the degree and must be taken by all students registered for the course in English Composition, but does not count in the required fifteen units.*

FIRST YEAR

*Credit: One unit**Full Year Course.***Major Course**

English Literature: Dr. Herben, Dr. Glen, Miss Woodworth.

Credit: One unit.

A survey of English literature from the Early English Period to the Romantic Movement. The lectures are supplemented by class discussions and written tests. The reading includes the best and most representative works in the field of the lectures.

SECOND YEAR

*Credit: Two units**Full Year Courses.*

English Literature of the Middle Ages: Dr. Herben. *Credit: One unit.*

Sufficient instruction is given in Middle English to enable the student to read ordinary texts intelligently. Lectures and recitations deal with the important currents of medieval English literature with special emphasis upon Chaucer and his contemporaries. Reports are required from each student.

Tudor and Stuart Drama: Dr. Chew.

*Credit: One unit.**(Given in 1934-35 and again in 1936-37)*

A review of the earlier periods of the drama is followed by more detailed study of the dramatists from Lyly and Marlowe to Ford and Shirley. The lectures deal in part with aspects of contemporary life as reflected in the drama. Reports are required from each student.

English Literature of the Romantic Period: Dr. Chew. *Credit: One unit.*

(Given in 1935-36)

The eighteenth-century background; the poetry of the period; the essay and novel and the influence of continental literature upon English literature are the chief topics in the course. Reports are required from each student.

ADVANCED UNDERGRADUATE COURSES

*Full Year Courses.***Advanced Courses**

English Literature of the Victorian Period: Miss Donnelly.

*Credit: One unit.**(Given in 1934-35)*

The poets, critics and novelists are the chief subjects of the course. Reports are required from each student.

English Literature from Dryden to Johnson: Miss Donnelly.

*Credit: One unit.**(Given in 1935-36)*

Dryden, Swift, Pope, Addison, Johnson and other writers are studied, in connection with the development of classicism. Reports are required from each student.

English Literature of the Seventeenth Century: Dr. Glen.

*Credit: One unit.**(Given in 1934-35 and again in 1936-37)*

The poetry of Donne and his school; Milton; and the writings of Burton and Browne are the chief subjects of the course. Reports are required from each student.

Elizabethan Drama: Dr. Glen.

*Credit: One unit.**(Given in 1935-36)*

The course is mainly a detailed study of the plays of Shakespeare. The predecessors are briefly reviewed and some time is devoted to Jacobean dramatists whose work is important for an understanding of Shakespeare. Reports are required from each student.

Old English Literature; Beowulf: Dr. Herben.

*Credit: One unit.**(Given in 1935-36)*

The first part of the course is devoted to an outline of Old English grammar. Graded selections of Old English prose and poetry are read, followed by the *Beowulf* entire.

Private Reading.

Credit: One-half unit.

For students who elect English as a major. Reading under direction to supplement the regular courses for which a time allowance is made. Occasional conferences are held.

FREE ELECTIVE COURSES

Full Year Courses.

Literary History of the Bible: Dr. Chew.

*Credit: One-half unit.**(Given in 1934-35)*

A general course on the contents of the English Bible (including apocryphal writings) studied from the viewpoint of literary forms and origins and aiming to enable the student to recognize the influence of the Bible on art, literature and other aspects of civilization.

The Modern Novel: Dr. Kirk.

*Credit: One-half unit.**(Given in 1934-35)*

A study of the novel from the mid-Nineteenth Century to the present time.

Technique of Composition: Miss Donnelly.

*Credit: One-half unit.**(Given in each year)*

A study of the principles of writing; illustrative reading from modern prose; and practice in writing according to the interest of each student. The number of students admitted to the course is limited.

Contemporary Verse: Mrs. King.

*Credit: One-half unit.**(Given in each year)*

A study of significant poets from 1912 to the present. Reports will be given by students and original verse (not required) will be discussed.

Criticism: Dr. Kirk.

*Credit: One-half unit.**(Given in each year)*

Discussion of the principles of criticism; practice in writing articles and reviews.

**Free
Elective
Courses**

Experimental Writing: Miss Meigs. Credit: One-half unit
 (Given in each year)

Practice in various forms of writing according to the interests of each student.

Fiction: Miss Meigs. Credit: One-half unit.
 (Given in 1934-35)

A study of the short story and the novel, reading in contemporary fiction, and writing exercises in both forms.

Play Writing: Dr. Latham. Credit: One-half unit.
 (Given in each year)

The modern drama is studied in connection with the writing of plays.

HONOURS WORK

Honours In the second year and advanced courses work in special fields or subjects is offered to students who are recommended by the department for honours in English. Such work is related to the courses the student is following but adapted to her individual interests. It consists of independent reading, reports and conferences, followed by special examinations.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

French

PROFESSOR AND DEAN OF THE

GRADUATE SCHOOL:	EUNICE MORGAN SCHENCK, Ph.D.
NON-RESIDENT PROFESSOR:	GRACE FRANK, A.B.
ASSOCIATE PROFESSORS:	*JEAN M. F. CANU, <i>Agrégé</i> MARGARET GILMAN, Ph.D.
ASSOCIATE:	MADELEINE SOUBEIRAN, <i>Agrégée</i>
NON-RESIDENT LECTURER IN DICTION:	MAUD REY
INSTRUCTOR:	MARGARET DENT DAUDON, M.A.

The undergraduate instruction offered in this department covers five and one-half units of lectures and recitations a week; it includes two and one-half units of undergraduate first and second year work; two units of advanced courses, open only to graduates and to undergraduates who have completed the major course in French and one unit of free elective. All the courses in French except the elective course and the seminaries in Old French are conducted in the French language.

ADVANCED STANDING

An advanced standing examination in French, that is an examination taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Students who are successful in this examination will receive credit for one-half unit of elective work in French and may be allowed to enter the second year French course.

UNDERGRADUATE STUDY IN FRANCE

Students who have chosen French as their major subject and who have at the end of their Sophomore year completed the major course may by

* Granted leave of absence for the year 1934-35.

a joint recommendation of the Dean of the College and the Department of French be allowed to spend their Junior year in France according to the "Delaware Foreign Study Plan."

This plan provides for one year's supervised undergraduate study. The year is divided into two periods, a three-month preliminary period, from the last week in July to the last week in October and the regular French academic session of eight months, November 1 to June 30. The preliminary period is spent at the University of Nancy. The regular session is spent in Paris, at the University of Paris and the Ecole Libre des Sciences Politiques.

The list of subjects available includes literature, history, history of art and economics. The formal lecture system of the French universities is supplemented by tutorial system classes arranged for the Foreign Study group. Private lessons in composition and diction are given throughout the year.

The students live in French families where they speak the language and gain some knowledge of French life. They also have the advantage of a carefully arranged programme of "extra-curriculum activities," which includes operas and plays, as well as excursions in France and adjacent countries.

Only those students will be recommended who have shown a natural aptitude for the French language, have a high average in their college work and seem in the opinion of the Dean and the Department of French well qualified to represent the college.

Allied Subjects:

History
History of Art
Any language
Philosophy

MAJOR COURSE

Entrance to the major course in French presupposes as much knowledge as is required to pass the matriculation examination in this subject.

*Major
Course*

FIRST YEAR

Credit: One unit

Full Year Course.

Introduction to the study of French Literature with practical exercises in the French language.

*1st Semester: Mr. Canu.**

2nd Semester: Dr. Gilman.†

Students are assigned to divisions after an aural test.

* Granted leave of absence for the year 1934-35. This course will be given by Dr. Gilman.

† This course will be given in the year 1934-35 by Miss Soubeiran.

SECOND YEAR

*Credit: One and one-half units**Full Year Course.**1st Semester.*

The History of French Literature of the Seventeenth Century, accompanied by collateral reading: Miss Soubeiran.

Practical Exercises in the French Language.

Division A. Miss Soubeiran.

Division B. Mrs. Daudon.

2nd Semester.

The History of French Literature of the Eighteenth Century, accompanied by collateral reading: Mr. Canu.*

Practical Exercises in the French Language.

Division A. Mrs. Daudon.

Division B. Dr. Gilman.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

Full Year Courses.

French Lyric Poetry of the Nineteenth Century: Dr. Gilman.

*Credit: One unit.**(Given in 1934-35)*

French Literature of the Sixteenth Century: Miss Soubeiran.

*Credit: One unit.**(Given in 1935-36)*

Introduction to Medieval Literature and Philology.†

*Credit: One unit.**(Given in 1935-36)*

Studies in the Historical Background of French Literature: Mr. Canu.

*Credit: One unit.**(Given in 1936-37)*

FREE ELECTIVE COURSE

*Free Elective Course**Full Year Course.*

Modern Tendencies in French Literature: Dr. Schenck.

*Credit: One-half unit.**(Given in each year)*

Lectures, class discussion and reports are in English; the reading in connection with the course is in French.

Only those students will be admitted who have completed the course in First Year English Literature or the second year course in French Literature.

* Granted leave of absence for the year 1934-35. This course will be given by Dr. Schenck.

† This course was given in 1933-34 by Miss Berthe Marti. The announcement of the instructor for 1935-36 will be made later.

HONOURS WORK

After the completion of the second year course a student may be recommended by the department for honours in French. Such students work in special fields adapted to their own interests under the direction of members of the department.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Geology

ASSOCIATE PROFESSORS:	EDWARD H. WATSON, Ph.D. LINCOLN DRYDEN, Ph.D.
ASSOCIATE:	DOROTHY WYCKOFF, Ph.D.
DEMONSTRATOR:	ELIZABETH JEANNE ARMSTRONG, A.B.

Undergraduate work in this department includes two and one-half units in first and second year work and a possible maximum of four and one-half units of advanced work. To major in geology an undergraduate must take the first and second year courses, and at least four additional units in advanced geology and allied subjects, of which at least one unit must be in the major subject. All students majoring in geology are strongly advised to take at least one course in an allied subject.

Allied Subjects:

Biology
Chemistry
Physics

Other subjects may be accepted in special cases

FIRST YEAR

Credit: One unit

*Full Year Course.**1st Semester.*

Physical Geology: Dr. Watson.

Field Work and Laboratory Work: Dr. Watson, Dr. Wyckoff, Miss Armstrong.

*Major
Course*

During the first semester the lectures deal primarily with the processes that alter the form of the surface of the earth. The effects of wind, rivers, glaciers, oceans, volcanoes and mountain building forces are considered. During October and November a field excursion is taken once a week to localities of geologic interest. These trips illustrate the composition, origin, folding and erosion of rock masses. In the laboratory, which is held during December and January an elementary study of minerals, rocks and land forms as illustrated by topographic maps is undertaken.

2nd Semester.

Historical Geology: Dr. Dryden.

Laboratory Work: Dr. Dryden and Miss Armstrong.

During the second semester the history of the earth is sketched from the cosmogonies of Chamberlin and Jeans to the beginnings of historical times. The rock series from

Archean to Pleistocene are described, particularly as to: their mode of formation; climatic and geographic conditions shown by their character; the organic forms contained in them; and the economic products which have often rendered them valuable. In the laboratory, especial attention is devoted to study of fossils typical of the various ages. Work with areal geologic maps is utilized to show the methods of using such publications. In the Spring a field trip of a few days' duration will replace several laboratory periods.

SECOND YEAR

Credit: One and one-half units

The work of the first semester is divided into two parts which are independent and run concurrently.

1st Semester Courses.

Introductory Paleontology: Dr. Dryden.

Laboratory Work: Dr. Dryden.

Four lectures and one afternoon of laboratory work weekly.

The course is essentially a study of the morphology of different fossil groups, their distribution in, and relation to, the enclosing sediments. A general review of the biology of the groups is undertaken and their ecology treated by reference to similar modern forms. The laboratory consists of (1) systematic examination and discussion of the fossil collections; (2) reports dealing with various phases related to the lecture subjects.

Crystallography: Dr. Wyckoff.

One lecture and one afternoon of laboratory work weekly.

The general principles of crystallography are first considered, including the derivation of the thirty-two classes of crystals. The symmetry of crystal forms is illustrated in the laboratory at first by the study of models, and later by practice in crystal measurement with the two circle goniometer, and in crystal projection and crystal drawing. The course in crystallography is open to students majoring in chemistry or physics who have had no previous work in geology.

2nd Semester Course.

Descriptive and Determinative Mineralogy: Dr. Watson.

Laboratory Work: Dr. Watson.

Three lectures and two afternoons of laboratory weekly.

In the lectures a systematic discussion of all the important mineral groups is undertaken, illustrated from the large mineral collection of the College. In the laboratory minerals are studied and determined by means of blow-pipe analysis and chemical tests. In the spring field trips to nearby mineral localities will replace some of the laboratory work.

It is advisable that the student have a knowledge of elementary chemistry before taking this course. Students majoring in chemistry may enter without having had a previous course in geology.

ADVANCED UNDERGRADUATE COURSES

Certain of the advanced undergraduate courses are designed to give a general training in geology, whereas others provide special training for independent work. All of the courses listed are not given in any one year, and the content of some of them may be varied to meet the interests and training of the students.

Full Year Courses.

Advanced General Geology: Dr. Watson, Dr. Dryden, Dr. Wyckoff.

*Credit: One unit.**(Given in 1934-35)*

This course is open to students who have had the first and second year geology. Students who have had only the first year course may be admitted at the discretion of the department. It is intended to give a broader conception of the science of geology as a whole than can be gained from the more specialized courses that are offered by the department. Many of the topics introduced in First Year Geology are reconsidered in a more fundamental way, the chief emphasis being laid upon the theories underlying modern research methods in geology, and upon the relation of all these fields of research to each other and to other sciences.

Topics such as the following may be considered in the course: isostasy and mountain building; continental drift; radioactivity and geology; the nature and origin of rocks; the distribution of mineral deposits; evolution in geologic time; geologic climates; the problems of petroleum; methods of correlation in geology; seismology and the character of the earth's interior.

Each member of the department will conduct that part of the course which lies within his own field of work.

Optical Mineralogy: Dr. Wyckoff.

Credit: One and one-half units.

Two lectures and eight hours of laboratory weekly.

The first part of the course is devoted to lectures and laboratory work on the optical properties of crystals, the theory of the petrographic microscope and the elements of petrographic methods. This is followed by a discussion of the constitution of the silicates, as indicated by their chemical composition, and their crystalline structure as revealed by the use of x-rays. In the latter part of the course, a systematic discussion of the silicates is given, with particular emphasis on their chemistry and optical properties. The laboratory work deals with the determinative mineralogy of the silicates, especially by optical methods. Practice is given in the determination of crushed material by the immersion method, and in the study of thin sections of rocks.

Crystallography and determinative mineralogy are prerequisite to this course.

Physiography: Dr. Dryden.

Credit: One unit, or one-half unit.

Laboratory Work: Dr. Dryden.

Three lectures and one afternoon of laboratory a week. Special emphasis is placed on a study of the physiographic provinces of the United States. The basis of this study, however, is the general areal geology of the regions discussed, and their physiography will be considered as surface expression of the underlying formations, as modified by constructive and destructive processes. Regular reports on general geology, structure, glaciation, etc., are an important part of the work. Physical and historical geology are prerequisite to this course.

Full Year Course.

Field Methods in Geology.

*Credit: One unit.**1st Semester.*

Geological Surveying: Dr. Watson.

Two lectures and at least one afternoon period will be given weekly. During milder weather in the Spring and Fall an additional afternoon period will be employed. The work consists of the theory and practice of geologic mapping, including the making of pace and compass traverses and plane-table surveying. Special instrumental methods, such as the use of the barometer and range-finder will also be considered and some practice in photography as applied to geology. Later in the term a discussion of the geometrical problems of field geology will be discussed. The main emphasis in the course will be placed on the individual practice and manipulation by the students of the methods and instruments discussed.

2nd Semester.

Structural and Field Geology: Dr. Wyckoff and Dr. Watson.

In the second semester there will be two lectures each week dealing with the problems of structural geology. These are supplemented by reading, by the solution of problems and later by the discussion of special types of problems (possibly some concerning metamorphic rocks) which arise in connection with the students' own field investigations. In the Spring each student is assigned a small field problem of her own, which is worked out under the direction of one of the members of the staff and is made the subject of a final report. More advanced students may be given the opportunity of enlarging the scope of their field problem to include more detailed work in stratigraphy or petrology.

HONOURS WORK

Honours work in any of the advanced fields is offered to any student who has completed the first two years in geology with distinction.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

German

ASSOCIATE PROFESSORS:

MAX DIEZ, Ph.D.

FRITZ MEZGER, Ph.D.

ASSOCIATE:

MYRA RICHARDS JESSEN, Ph.D.

INSTRUCTORS:

MARTHA MEYSENBURG DIEZ, M.A.

STELLA DUEINGER WELLS, M.A.

The instruction offered in this department covers eight units; it includes one unit of elementary German; two and one-half units of undergraduate first and second year work and two and one-half units of advanced courses, open to graduates and to undergraduates who have completed the major course in German. All the courses in German except the elementary reading course are conducted in the German language.

ADVANCED STANDING

An advanced standing examination in German, that is an examination taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college after consultation with the department.

Allied Subjects:

English

History

History of Art

History of Music

Any language

Philosophy

ELEMENTARY COURSES

Full Year Courses.

Elementary German.

*Credit: One unit.**Elementary Courses*

A class for beginners, conducted in five sections.

The purpose of this course is to lay the foundation for a reading knowledge of German. Students are expected to complete this reading knowledge before coming up for the

general language examination in German, either by private reading during the summer or, during the following year, under the direction of the German Department in the course in Supervised Reading.

Students of exceptional ability (85 or over) are given an opportunity to complete the development of their reading knowledge during the second semester of the course by devoting more time to reading, meeting the instructor twice a week for conference instead of attending classes.

Elementary German Reading: Dr. Diez, Mrs. Wells. *Credit: One-half unit.*

The course is designed to develop the student's reading knowledge of German, preparatory to the German language examination.

Open to freshmen who have had two years of German in high school and to seniors who have failed to pass the general language examination. Seniors will not receive credit for this course.

MAJOR COURSE

The major course in German is open to students who have passed the matriculation examination in this subject (Cp. 3) or the Bryn Mawr general reading examination in German or who have passed the course in Elementary German with the grade of 85 or over.

*Major
Course*

FIRST YEAR

Credit: One unit

Full Year Course.

The Age of Goethe: Dr. Diez and Mrs. M. M. Diez.

The course includes lectures on the history of German Literature in the Classical and Romantic Periods; collateral reading of the principal works of Goethe, Lessing, Schiller, Kleist, Grillparzer and the Romantics; intensive study in class of Goethe's shorter poems and Faust. There are exercises in German Composition with private conferences.

SECOND YEAR

Credit: One and one-half units

Full Year Course.

German Literature: Dr. Diez.

The course includes lectures on the History of German Literature from the beginning to the present time.

1st Semester.

During the first semester the work is devoted largely to the literature of the Hohenstaufen period.

2nd Semester.

During the second semester the period from Goethe's death to the present time is covered.

Full Year Course.

Reading and Composition: Dr. Jessen.

Karl Remme: Deutschland is used throughout the year.

1st Semester.

During the first semester the course takes up various phases of "Heimatkunst": the "Dorageschichte" of Brentano, Gotthelf, Droste-Hülshoff and Keller.

2nd Semester.

During the second semester, Anzengruber, Storm and Schmidtbonn are studied.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work.

*Advanced
Courses*

Full Year Course.

Germanic Philology and Literature: Dr. Mezger.

Credit: One unit.

*(Given in 1935-36 or in 1934-35 as a substitute for the course in German Literature from 1850-1930)**1st Semester.*

Introduction to German Philology.

2nd Semester.

Middle High German Literature.

During the second semester Wolfram von Eschenbach, Gottfried von Strassburg, Hartmann von Aue, Walther von der Vogelweide and Nibelungenlied will be studied.

Full Year Courses.

German Literature from 1850-1930: Dr. Mezger.

Credit: One unit.

(Given in 1934-35)

Selected works of Keller, Meyer, Storm, Thomas Mann, Stehr; Hauptmann, George, Rilke will be read. The main trend of modern German thought will be studied.

The German "Novelle" from the time of Goethe to the period of Expressionism: Dr. Jessen.

Credit: One unit.

(Given in 1934-35)

This course deals with the influence of Boccaccio and Cervantes on the development of the "Novelle" in Germany, with the theories of Goethe, the Romanticists and the Realists, and the changing phases of this form of writing in the Nineteenth Century and the first decade of the Twentieth Century.

The German Drama: Dr. Jessen.

Credit: One unit.

(Given in 1935-36)

The German Lyric and Ballad: Dr. Jessen.

Credit: One unit.

(Given in 1936-37)

Advanced Composition: Dr. Jessen.

Credit: One-half unit.

(Given in 1934-35, or in other years if desired)

HONOURS WORK

Honours

Special work for honours is offered to students of unusual ability.

Students wishing to become candidates for honours in German should present themselves for a comprehensive examination on the history of German literature in the autumn of the year in which they wish to begin their honours work.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Greek

PROFESSORS:

HENRY NEVILL SANDERS, Ph.D.

RHYS CARPENTER, Ph.D.

INSTRUCTOR:

RUTH FAIRMAN, M.A.

The undergraduate instruction offered in this department includes two and one-half units of first and second year work and four units of advanced undergraduate work open to graduates and to undergraduates who have

completed the major course in Greek. Honours work is offered by this department.

The Greek courses may not be offered for examination for advanced standing without class attendance.

Allied Subjects:

Ancient History
Archæology
Any language
Philosophy

ELEMENTARY COURSES

Elementary courses are provided for those students who wish to begin the study of Greek. *Elementary Courses*

Full Year Courses.

Part I, Grammar and Composition and Xenophon's *Anabasis*: Miss Fairman. *Credit: One unit.*

Part II, Homer: Miss Fairman. *Credit: One-half unit.*

Part II must be taken by students entering First Year Greek if they have not already completed matriculation in Homer.

FIRST YEAR

Credit: One unit

Full Year Courses.

1st Semester.

Plato, *Apology* or *Protagoras* or *Phaedo* and Greek Prose Composition: Dr. Sanders. *Major Course*

Sophocles, *Antigone*: Dr. Sanders.

Private reading:

Euripides, *Alcestis*, ll. 1 to end. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

2nd Semester.

Euripides, *Medea* and Greek Prose Composition: Dr. Sanders.

Herodotus: Dr. Sanders.

Private reading:

Sophocles *Philoctetes*, ll. 1-1080 and 1218-1313. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

SECOND YEAR

Credit: One and one-half units

Full Year Course.

1st Semester.

Demosthenes and Æschylus: Dr. Sanders.

Credit: One unit.

During the first semester work in Greek prose composition is given in connection with the lectures on Demosthenes and Thucydides.

2nd Semester.

Thucydides and Sophocles: Dr. Sanders.

Full Year Course.

1st Semester.

Aristophanes: Dr. Carpenter.

Credit: One-half unit.

2nd Semester.

Plato, Republic: Dr. Carpenter.

Private reading:

1st Semester.

Æschylus, Persae. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

2nd Semester.

Euripides, Electra. Examinations on the private reading must be taken at the scheduled time during the semester by all students pursuing the Greek courses.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The following courses are offered for advanced work and honours, for selection by students in consultation with the department. Each course counts for one-half unit and is given for one semester and it includes an assignment of private reading in Greek texts or work in syntax. One unit of advanced work is the minimum requirement for students who offer Greek as a major subject.

Attic Tragedy;	Plato;
Pindar and Bacchylides;	Pindar;
Attic Orators;	Melic Poets;
Historians;	Homer;
Rhetoricians: Dr. Sanders.	Lucian: Dr. Carpenter.

HONOURS WORK

Honours

Honours work is offered in this department to qualified students.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses.*

History

PROFESSORS:	HOWARD LEVI GRAY, Ph.D.
	WILLIAM ROY SMITH, Ph.D.
	CHARLES WENDELL DAVID, Ph.D.
DEAN OF THE COLLEGE:	HELEN TAFT MANNING, Ph.D.
ASSOCIATE PROFESSOR OF LATIN:	THOMAS R. S. BROUGHTON, Ph.D.
ASSOCIATE:	CAROLINE ROBBINS, Ph.D.
INSTRUCTOR:	JOSEPHINE McCULLOCH FISHER, A.B.

The undergraduate instruction offered in this department comprises seven and one-half units; it includes five units of first and second year work; two units of advanced work (open only to graduates and undergraduates who have completed the major course in history) and one unit of honours work.

Undergraduate instruction offered in history comprises a general course in the history of Europe followed by several somewhat specialized courses. The first is a prerequisite to any of the others except the courses in ancient history. Students not majoring in history may elect the general course and afterward any of the second year courses. Of the specialized courses two are devoted to the civilization of the middle ages and the renaissance,

two to continental Europe from the sixteenth to the nineteenth century, three to the history of England and the British Empire and two to the history of the United States. Somewhat more advanced are courses in England in the nineteenth century, Europe since 1870 and the United States since 1898. Concurrent with these is study preparatory for honours.

Whether the courses are general or specialized an attempt is made to teach history as a record of the development of man in his political, economic and social relations. The courses are, therefore, supplementary to other college study of a linguistic, literary, archæological or artistic nature. Lectures are supplemented by reading of a varied character with little use of summary texts. To develop the student's initiative and independence of judgment, emphasis is put, after the first year, on the preparation of reports and upon the discussion of subjects studied.

For students who have shown marked ability in the first two years of their historical study provision is made for honours work. At the end of the senior year a general examination in history is offered and the satisfactory passing of this examination will entitle the student to receive her degree with Distinction in History.

Allied Subjects:

Economics and Politics
 English
 French
 German
 History of Art
 Philosophy

FIRST YEAR

Credit: One unit

Full Year Course.

Mediæval and Modern Europe: Dr. Gray, Dr. David, Dr. Manning and Dr. Robbins.

Major Course

1st Semester.

This course is designed not to give a summary view of European history but to select and enlarge upon such aspects of it as are essential to the understanding of the modern world. In consequence, more attention is devoted to the period beginning with the French Revolution than to the preceding centuries. During the first semester the ideal of a united Christendom as embodied in the Holy Roman Empire and the Catholic Church, the causes and effects of the Crusades, the rise of national states, the Reformation and the Counter Reformation, the maintenance of a European balance of power, the progress of colonization, the rise of Prussia and of Russia are among the topics considered.

2nd Semester.

During the second semester the political and social transformation of Europe which was initiated by the French Revolution is studied. The outcome of the Revolution, the career of Napoleon, the absolutist reaction of the early Nineteenth Century, the successive revolts against this, the formation of modern constitutional governments, the creation of the German Empire and the Kingdom of Italy, the extension of European influence to Asia and Africa, the causes and progress of the World War and the treatment of social problems of today are among the topics considered. The instruction is given by means of lectures, required reading and discussion.

SECOND YEAR

The second year work in history is arranged in semester courses and the credit for each is one-half unit. The student majoring in history must select as a minimum four of these semester courses and for them she will receive two units of credit.

1st Semester Courses.

History of the Renaissance: Dr. Gray.

Credit: One-half unit.

An endeavor is made to indicate in what ways mediæval life and thought were transformed into those of modern Europe. Political, economic, literary, artistic and scientific changes, therefore, are studied. Since Italians were prominent in the new movements, most attention is given to Italian history, but the innovations of the North, especially those connected with the new Burgundian State, are not neglected. The period extends in a general way from 1250 to 1527.

History of England to 1485: Dr. David.

Credit: One-half unit.

This course deals with English history in all its more important aspects from earliest times to the establishment of the Tudor monarchy. The following topics are among those considered: the civilization and institutions of the Anglo-Saxon period, the Norman Conquest and the development of the Anglo-Norman empire, the feudal régime and the national state, English relations with the church, Magna Carta, the origin and growth of Parliament, the rise of the towns and commerce, the Hundred Years' War and the Wars of the Roses, the social, economic and religious aspects of the fourteenth and fifteenth centuries.

Continental History from the Sixteenth to the Eighteenth Centuries:
Dr. Robbins.

Credit: One-half unit.

This period provides opportunity for study of selected topics on the history of European institutions and cultural development in the Baroque Age. The influence of scientific discovery on thought and its relation to the religious, educational and economic controversies of the period: the part played by the Jesuits in contemporary politics: the growth of Spain and France: the decline of the Empire and the rise of Prussia: the spread of French culture in Germany: Italian society and politics during the "stagnant years": the reign of Solyman in Turkey: the duel of Russia under Peter and Catharine II with the Ottomans will be amongst the subjects read about and discussed in class.

As far as possible the course will supplement the narrative given in the first year history course and diplomatic history will, to a large extent, be omitted except in so far as it is necessary to explain changes in government, etc.

American History to 1789: Dr. W. R. Smith.

Credit: One-half unit.

This course deals primarily with the English colonization of America, but some attention is also paid to the early history of Spanish, Portuguese, Dutch and French imperial expansion. The latter part of the semester is devoted to the American Revolution and the period of transition from 1783 to 1789.

2nd Semester Courses.

Mediæval Civilization: Dr. David.

Credit: One-half unit.

(Given in 1935-36 and again in 1936-37)

Building upon the brief treatment of the first year course, this course is designed to give a broader and deeper knowledge of the Middle Ages through a study of selected topics, among which the following may be mentioned: the transformation of ancient culture and of Christianity in their transition from antiquity to the early Middle Ages, the effects of the Germanic invasions, the political, economic and social changes of the ninth and tenth centuries, the Carolingian revival of learning, Byzantine and Moslem civilizations and their influence upon the culture of western Europe, the Vikings and the Sagas, the revival of commerce and the rise of cities, the culmination of mediæval civilization in the twelfth and thirteenth centuries.

History of England since 1485: Dr. Robbins.

Credit: One-half unit.

Attention is given to the rise and character of Tudor and Stuart absolutism, parliamentary and local government, dynastic ambitions, foreign trade, the prosperity of the towns and the yeomen, the progress of the Reformation and the complications of affairs arising from religious changes.

British Imperialism: Dr. W. R. Smith.

Credit: One-half unit

This course deals with the external history of the English people: the sea-rovers of the Sixteenth Century; the beginnings of American colonization; the contrast between the old colonial system and the new; the history of Canada, Australasia, South Africa, India, Egypt and other colonies and dependencies; the new imperialism of Beaconsfield and Chamberlain; the present position of England as a world power.

History of the United States since 1789: Dr. W. R. Smith.

Credit: One-half unit.

The aim of this course is to present the historical background necessary to enable students to discuss intelligently the more important social, industrial, political and diplomatic problems of the present day. The chief emphasis is placed upon the period since 1850.

The French Revolution and Napoleon: Dr. David.

Credit: One-half unit.

This course treats of the history of France and of Europe from 1789 to 1815. Attention is paid to the broad background of the eighteenth century out of which the French Revolution developed, to the course of the Revolution itself and to the political, economic and social transformation of France and of Europe which resulted from it, to the rise of the military dictatorship under Napoleon and to the course of his long struggle with a hostile Europe, to the influence of Napoleon upon the institutions of France and of Europe and finally to the situation created by his overthrow.

ADVANCED UNDERGRADUATE COURSES

The advanced course is designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect this course.

*Advanced
Courses**1st Semester Courses.*

The United States since 1898: Dr. Smith.

Credit: One-half unit.

This course deals mainly with the imperial problems that followed the Spanish-American War, the expansion of American influence in the Caribbean and in the Pacific and the growth of the United States as a world power.

English History in the Nineteenth Century: Dr. Robbins.

*Credit: One-half unit.**(Given in 1934-35)*

This course is planned as one in English domestic history from the ministries of the younger Pitt to the death of Edward VII. Reading will be assigned mainly from the excellent biographical material available and from the memoirs of the period. Amongst topics studied will be: the careers of Pitt, Wellington, Peel, Palmerston, Prince Albert, Gladstone, Manning, Disraeli and Joe Chamberlain; the cause of Parliamentary reform, Francis Place and the Suffragette movement; the Darwinian theories, the Oxford Movement and the reform of educational institutions; England's activity in Africa and Arabia, her relations with European powers and alliances; the connection between history and English literature during the period as shown by the political activities and literary figures. A short paper will be expected from each member of the class but most attention will be given to reading and class discussion. Each member of the class will, as far as possible, have opportunity to study that aspect of the period most interesting to herself.

2nd Semester Course.

Europe since 1870: Dr. Gray.

*Credit: One-half unit.**(Given in 1934-35)*

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbours, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles and the fortunes of old and new states in post-war Europe are among the subjects studied. A reading knowledge of French is required.

FREE ELECTIVE COURSE

Full Year Course.

Civilization of the Ancient World: Dr. Broughton.

*Credit: One unit.**(Given in 1935-36)**Free
Elective
Course*

Special attention is paid to Greece and Rome; but consideration is also given to the subject of pre-history, to the early civilizations of western Asia, Egypt and the Ægean region and to the influence of environment, race and culture upon human development. The course is planned to cover the period from earliest times to the Fourth Century A. D.

(This course may be taken as a free elective and if elected must be continued throughout the year.)

HONOURS WORK

Honours

Honours Work: Dr. Gray, Dr. W. R. Smith, Dr. David and Dr. Robbins.

Credit: One unit.

Students admitted to this work meet the instructor each week for the discussion of reading on a selected period of history or on some phase of history considered throughout an extended period. Reports on assigned subjects are required and at the end of the year there is a general examination on selected fields.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

History of Art

PROFESSOR:

GEORGIANA GODDARD KING, M.A.

ASSOCIATE PROFESSOR:

ERNST DIEZ, Ph.D.

LECTURERS:

RICHARD BERNHEIMER, Ph.D.

HAROLD WETHEY, Ph.D.

READER:

DOROTHEA CAROLINE SHIPLEY, M.A.

DEMONSTRATOR:

HENRIETTA HUFF, A.B.

The undergraduate instruction offered in this department covers twelve units. It includes four units of undergraduate first and second year work and six units of advanced undergraduate work open to graduate students and to undergraduates who have completed the major course in history of art. Honours work is offered by the department. Courses begun in the first semester must be continued in the second semester.

All the courses are illustrated with lantern slides, a large collection of photographs is used in the course of study and the photographs are available for review and comparison.

The Art Club, a student organization, offers an extra-curriculum course in drawing and painting on Saturday mornings. The students work individually also during the week.

Allied Subjects:

Classical Archæology
English
French
German
History

FIRST YEAR

Credit: One unit

Full Year Course.

Italian Painting of the Renaissance from the Middle of the Thirteenth to the Middle of the Sixteenth Century: Miss King and Miss Shipley.

Major Course

1st Semester.

During the first semester the Italian primitives are studied, chiefly in the schools of Florence, Siena and Umbria.

2nd Semester.

During the second semester the work is devoted to the painters of the High Renaissance, with special attention to those of Venice and the north of Italy, ending with an introduction to Baroque.

SECOND YEAR

Credit: Two units

Full Year Course.

Painting since the Renaissance.

Credit: One unit.

1st Semester.

Northern Painting: Dr. Wethey.

During the first semester the Flemish primitives and the great masters of Spain and the Low Countries in the Seventeenth Century are studied carefully; some acquaintance with the French and German primitives and with the art of the Eighteenth Century in France and England is also comprehended in the plan.

2nd Semester.

Modern Painting: Miss King.

During the second semester the course deals with the history of painting between 1780 and 1880. Students are expected to make trips to Philadelphia and the neighbourhood to study pictures as often as may seem necessary.

Full Year Course.

Mediæval Art: Dr. Diez and Dr. Bernheimer.

Credit: One unit.

Throughout the course the allied arts, such as mosaic, sculpture and stained glass, are studied in some detail. While concerned primarily with the architectonic arts the course affords an introduction to the study of manuscript illumination.

1st Semester.

During the first semester the work is devoted to the various aspects of Early Christian architecture in the West, in Syria and Asia Minor, the rise of the Byzantine and the evolution of Romanesque architecture in France, Italy, Germany and Spain.

2nd Semester.

During the second semester the work of the first semester is continued, carrying the subject of mediæval architecture to its conclusions. The goal is principally French and German Gothic of the Thirteenth and Fourteenth Century but the development in England receives full attention and that in Italy and Spain somewhat less. The course terminates with the end of the Middle Ages.

ADVANCED UNDERGRADUATE COURSES

*Full Year Course.***Advanced Courses**

Spanish Architecture:* Miss King.

*Credit: One unit.**(Given in 1935-36)*

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic churches have been considered, the greater part of the year is devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

Full Year Course.

Renaissance Sculpture: Miss King.

*Credit: One unit.**(Given in 1936-37)**1st Semester.*

During the first semester the work is devoted to the sculpture of the Italian Renaissance.

2nd Semester.

During the second semester the work is devoted partly to Northern art and in especial to figure sculpture in France and Spain from the finishing of the cathedrals to the close of the Renaissance. The great sculptors of Germany are reserved for an advanced course in German Art, to be announced later.

Full Year Courses.

Spanish Primitives: Miss King.

*Credit: One unit.**(Not given in 1934-35)*

The work begins with a consideration of the Mozarabic and proto-Mudéjar manuscripts and is occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting are taken into account and the study stops arbitrarily at 1500.

Renaissance and Baroque Architecture in Italy and the Northern Countries: Dr. Diez.

*Credit: One unit**(Given in 1934-35)*

This course begins with Early Renaissance Architecture in Italy and proceeds to Baroque. The influence of Italian Renaissance architecture, especially of Palladio, on France, Germany and England will be studied as well as the eighteenth century Baroque style in Austria and Germany in connection with its sculpture and ceiling painting.

Sociology of Art: Dr. Diez.

*Credit: One unit.**(Given in 1935-36)*

The main function of any work of art is the expression of emotions and their communication to the observer, who thus feels emotionally exalted. Accordingly the investigation of this eminent social function is the subject of Sociology of Art. There are two sections in this field, the intellectual and the emotional, which complement each other. Thus the social feeling (*Gemeinschaftsgefühl*) as a result of the social-economic conditions in the various periods of human culture will be discussed and the varying sense of style will be demonstrated as the adequate formal frame for the realization of art as the emotional expression of each period.

* In 1934-35 this course will be given only during the first semester and will deal with a selected portion of the matter.

Philosophy of Art: Dr. Diez.

Credit: One unit.

(Given in 1936-37)

In contradistinction to the abstract study of the aestheticians, the course in philosophy of art is based on the historical manifestations of art and searches for the laws of the historical way that art has taken. As an introduction, the first part of this course will deal with the methods of looking at works of art and the explanation of the leading terms including the recent terminology in modern art. The second part will deal with the genesis of space by means of lines, planes, colours and chiaroscuro and the corresponding evolution of style in four grades, namely ornamental, plastic, tectonic and pictorial. This evolution occurred in accordance with the historical evolution of human culture.

French Art in the Seventeenth and Eighteenth Centuries: Dr. Wethey.

Credit: One unit.

(Given in 1934-35)

The course will offer a comprehensive study of architecture, sculpture and painting from the reign of Henry IV up to the French Revolution. Particular emphasis will be given to the place of art in the courts of Louis XIV and Louis XV.

German Art of the Middle Ages and the Renaissance.

Credit: One unit.

(Not given in 1934-35)

Beginning with the great manuscript schools and the earliest sculptures, the course traces the development of German architecture, sculpture and painting through the sixteenth century, emphasizing especially the phases which are most characteristically German and aiming to give a clear and comprehensive understanding of German art as a definite and individual unit in the general history of art.

FREE ELECTIVE COURSES

Full Year Courses.

Modern Art: Dr. Diez.

Credit: One-half unit.

(Given in 1934-35)

The course is intended to give all students the chance of acquiring a sound knowledge and understanding of the Fine Arts of our days.

As a foundation for its understanding the various revolutionary phases of paintings since the middle of the Nineteenth Century, such as Naturalism, Impressionism, Pleinairism, Pointillism, Cubism, Futurism and Expressionism will be discussed. Stress will be laid on the works of the most prominent living painters in America and Europe. Modern architecture and sculpture will also be considered thoroughly.

Art of the Far East: Dr. Diez.

Credit: One-half unit.

(Given in 1935-36 and again in 1937-38)

Students majoring in history of art are expected to elect this course before being admitted to advanced work.

1st Semester.

The art of India, Ceylon, Java, Birma, Siam and Cambodia will be studied in the first semester.

2nd Semester.

The work of the second semester will be entirely dedicated to the art of China and Japan, with stress on the painting.

History of Prints.

Credit: One-half unit.

(Not given in 1934-35)

The course begins with the earliest German block-prints of the first half of the fifteenth century and traces the history of woodcuts, engravings and etchings through the work of the great masters at the close of the nineteenth century. Lithography, mezzotint and other allied processes are considered briefly.

**Free
Elective
Courses**

HONOURS WORK

Honours

Special work is offered to students recommended by the department for honours in history of art, in either Oriental Art, Mediæval Archæology or Renaissance and Modern Art. It involves a scheme of reading and individual conferences and includes the preparation of reports and special examinations.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Italian

ASSOCIATE PROFESSOR:

ANGELINE HELEN LOGRASSO, Ph.D.

The undergraduate instruction offered in this department includes two and one-half units of undergraduate first and second year work; one unit of free elective work and two and one-half units of advanced undergraduate work.

An advanced standing examination in Italian, that is, an examination in translation and composition taken without attendance on the college classes, may be taken by students in the first three weeks after entering college. Depending on the result of this examination credit will be given for all or part of the first or second year Italian courses. Credit thus received may not be counted as part of the major course if Italian is elected as a major subject; more advanced courses in Italian chosen with the approval of the Department of Italian must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Italian as a major subject.

Allied Subjects:

History
History of Art
Any language

FIRST YEAR

*Credit: One unit**Full Year Course.*

Italian Grammar and Composition with reading in Modern Italian Authors: Dr. Lograsso.

1st Semester.

Attention is given to practice in the spoken idiom.

2nd Semester.

During the second semester part of the time is given over to lectures in Italian and class reading in Nineteenth Century Italian authors, accompanied by collateral reading.

Major Course

SECOND YEAR

*Credit: One and one-half units**Full Year Courses.*

Reading of Classics in Italian Literature, accompanied by a survey of Italian Literary History and Collateral Reading: Dr. Lograsso.

Credit: One unit.

Italian is used as much as is feasible during the class recitation.

Intermediate Italian Composition: Dr. Lograsso. *Credit: One-half unit.*

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary and undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the unit course before entering the seminary.

*Advanced Courses**Full Year Courses.*

Dante: Dr. Lograsso. *Credit: One unit.*

(Given in each year)

All of the *Vita Nuova* and the *Divine Comedy* will be read and discussed. Attention will be given also to Dante's other works in Italian and in Latin.

Advanced Italian Composition: Dr. Lograsso. *Credit: One-half unit.*

(Given in each year)

The Italian Literature of the Rinascimento: Dr. Lograsso.

*Credit: One unit**(Given in each year)*

FREE ELECTIVE COURSE

Full Year Course.

The Italian Literature of the Nineteenth Century: Dr. Lograsso.

*Credit: One unit.**(Given in each year)**Free Elective Course*

Only those students will be admitted who have completed the course in general English Literature and have a wider knowledge of Italian than is acquired in the first year course.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses.*

Latin

PROFESSOR:	*LILY ROSS TAYLOR, Ph.D.
ASSOCIATE PROFESSOR:	THOMAS ROBERT SHANNON BROUGHTON, Ph.D.
LECTURER:	LOUISE ADAMS HOLLAND, Ph.D.
INSTRUCTORS:	RUTH FAIRMAN, M.A.
	AGNES KIRSOPP LAKE, M.A.

The undergraduate instruction offered in this department includes one unit of first year work; two units of second year work and two unit courses in advanced undergraduate work, given in alternate years. For qualified students the instruction also includes special work for honours.

* Granted leave of absence for the year 1934-35.

Allied Subjects:

Ancient History
 Biblical Literature
 Classical Archaeology
 Greek
 Any modern language or literature

FIRST YEAR

*Credit: One unit**Full Year Course.**Major Course*

Latin Literature: Dr. Broughton, Dr. Holland, Miss Fairman, Miss Lake.

A study of Latin Literature of the Republic and of the Augustan Age, with a consideration of its relation to Greek Literature and its influence on modern literature. The reading includes a play of Plautus, a play of Terence, selections from: Cicero's letters, the shorter poems of Catullus, Livy's first decade, Horace's Odes and Epodes and Vergil's Eclogues and Georgics. In addition to the regular meetings of the class, the students have frequent meetings in conferences. In the second semester selections from mediæval Latin are read in the conferences and assigned for private reading.

SECOND YEAR

Credit: Two units

Students offering a major in Latin must take the unit course and one of the half-unit courses. The course in Latin Prose Style is required of all candidates for Honours in Latin.

Full Year Course.

The Development of Latin Literature.

Credit: One unit.

1st Semester: Dr. Holland.

2nd Semester: Dr. Broughton.

The history of Latin Literature from its earliest beginnings to the time of Marcus Aurelius. The course is conducted by lectures, reading, chiefly in the original, and reports. In the first semester the literature of the Republic and of the Augustan Age is studied with special emphasis upon the material not covered in the first year course. In the second semester the literature of the Silver Age is the subject of the course.

Full Year Courses.

Latin Prose Style: Miss Fairman.

Credit: One-half unit.

Weekly exercises in the writing of Latin prose combined with the reading of Cicero, Cæsar and Livy and the study of their style.

Rapid Reading Course: Miss Lake.

*Credit: One-half unit.**(Given in 1934-35)*

In the first semester the reading will be from Livy and Ovid with study of early Roman traditions and Roman topography. In the second semester selections from Petronius, Martial and Pliny the Younger will be read with study of Roman private life.

Mediæval Latin Literature.

*Credit: One-half unit.**(Given in 1935-36)*

A study of mediæval Latin Literature from the fourth to the fourteenth century. The reading is supplemented by lectures on the influence of classical culture on the Middle Ages and on the influence of Mediæval Latin Literature on early English and French Literature.

ADVANCED UNDERGRADUATE COURSES

1st Semester Course.

Cæsar and Cicero: Dr. Broughton.

*Credit: One-half unit.***Advanced
Courses***(Given in 1934-35)*

Extensive selections from Cicero's Orations and Letters and from Cæsar's Commentaries will be read. The chief emphasis will be upon the social and political history of the period.

2nd Semester Course.

Augustus and Tiberius: Dr. Holland.

*Credit: One-half unit.**(Given in 1934-35)*

The Monumentum Ancyranum, Suetonius, *Augustus*, and Tacitus, *Annals*, I-VI will form the basis of a study of the early imperial period.

1st Semester Course.

Lucretius and Cicero: Dr. Taylor.

*Credit: One-half unit.**(Given in 1935-36)*

The *De Rerum Natura* of Lucretius and selections from Cicero's philosophical works will be read. The work will include a study of the chief schools of philosophy in the period with special emphasis upon Epicureanism.

*2nd Semester Course.*Vergil's *Æneid*: Dr. Broughton.*Credit: One-half unit.**(Given in 1935-36)*

The poem will be studied as a whole, with consideration of its language, its structure and its place in the history of the epic.

HONOURS WORK

The department offers in each year work for honours which may be taken by seniors who have completed with distinction the major course including the course in Latin prose style. In general it is also desirable for the student to have completed one unit of advanced undergraduate work before entering upon the work for honours. The work will be adapted, as far as possible, to the needs of the individual student. At the conclusion of the work an examination will be given on the reading and writing of Latin and either on the history of Latin literature or on Roman history from the sources.

Honours

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Mathematics

PROFESSOR:	*ANNA PELL-WHEELER, Ph.D.
VISITING PROFESSOR:	EMMY NOETHER, Ph.D.
ASSOCIATE PROFESSOR:	GUSTAV A. HEDLUND, Ph.D.
ASSOCIATES:	MARGUERITE LEHR, Ph.D.
	WILLIAM WELCH FLEXNER, Ph.D.

The undergraduate instruction offered in this department includes six and one-half units, two and one-half units of undergraduate first and second year work and three units of advanced courses open only to graduates and to undergraduates who have completed the major course in mathematics and one-half unit of honours work.

In the second year course the students are able to gain a fair knowledge of the principal subjects belonging to the department of pure mathematics. The points of contact of mathematics with other sciences are indicated as far as possible throughout the course.

Allied Subjects:

Chemistry
Philosophy
Physics

FIRST YEAR

Credit: One unit

Full Year Course.

Introduction to Analytic Geometry and Calculus: Dr. Hedlund and Dr. Lehr.

Trigonometry is included in the first semester's work.

SECOND YEAR

Credit: One and one-half units

Full Year Courses.

Major Course

Differential and Integral Calculus: Dr. Lehr. *Credit: One unit.*

Algebra and Analytic Geometry: Dr. Flexner. *Credit: One-half unit.*

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses in mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students and a reading knowledge of French and German is presupposed.

The advanced courses given are selected from the following, with occasional modifications:

Full Year Courses.

Advanced Calculus: Dr. Flexner. *Credit: One unit.*

Advanced Geometry: Dr. Lehr. *Credit: One unit.*

Theory of Functions of a Complex Variable: Dr. Hedlund.

Credit: One unit.

* Granted leave of absence for the year 1934-35.

HONOURS WORK

Honours work is offered in this department to qualified students.

Honours

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Music

PROFESSOR:	HORACE ALWYNE, F.R.M.C.M.
ASSOCIATE:	ERNEST WILLOUGHBY, A.R.C.M.
READER:	MOLLY ATMORE TEN BROECK, A.B.

The undergraduate instruction offered in theoretical music covers four and one-half units. Courses begun in the first semester must be continued in the second semester.

The objects of the undergraduate course in music are to permit students to make music an integral part of a liberal education and to enable them, through the courses in Harmony and Counterpoint, to gain a knowledge of the technique of composition by actual experience in using its materials and, through the courses in History and Appreciation of Music, to realize the significance of great music æsthetically, historically and sociologically. In the latter courses a large number of compositions drawn from all forms of music are performed and discussed in the classes.

The Department of Music usually gives a series of concerts and recitals assisted by well-known artists, which is designed to supplement and amplify the work done in the Courses in History and Appreciation of Music.

The chapel choir of fifty members and the college glee club are organized under the direction of the Department of Music.

FREE ELECTIVE COURSES

Full Year Courses.

History and Appreciation of Music: Mr. Alwyne. *Credit: One unit.*
(Given in each year)

*Free
Elective
Courses*

This course consists of the study of the History of Music up to and including Beethoven, and of the masterpieces of music produced during that period. Characteristic examples of Early Church Music, in the form of Plain Chant, Organum, Discant, etc., and of Sixteenth Century vocal polyphony, Reformation Chorales and Bach choral works are illustrated by the College Choir in class. Compositions of the following composers are performed in class: Monteverdi, Corelli, Scarlatti, Rameau, Couperin, Bach, Handel, Haydn, Mozart and Beethoven. The forms included are folk-song, motet, madrigal, fantasia, toccata, early dance-forms, fugue, suite, rondo, variations, sonata and symphony. All study and analysis is based on the actual hearing of the music itself. The instruction is given by means of lectures, required reading, discussion, and by analysis by the students in class. At occasional meetings of the class, members of the Faculty of the Departments of History, Classical Archeology, History of Art, and English discuss social, artistic and literary movements which were of special importance in the history of the evolution of music

Advanced History and Appreciation of Music: Mr. Alwyne. *Credit: One unit.*
(Given in each year)

The course in History and Appreciation of Music is required for admission. The course consists of the study of the history of music from Schubert to the present

day and of the musical masterpieces produced during that period. The instruction follows the same plan as in the preceding course.

Third Year History and Appreciation of Music: Mr. Alwyne.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the two courses in History and Appreciation of Music.

This course consists of two special courses of one semester each in some particular period or aspect of Music. The subjects are Bach and Wagner, or Symphonic Music and Modern Music. These subjects are dealt with in a more detailed and amplified way than is possible in the two foregoing courses in History and Appreciation of Music. The instruction follows the same plan as in the preceding courses.

Elementary Harmony: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: knowledge of intervals, scales and keys, ability to sing simple melodies at sight.

This course is the beginning of composition. It does not impose upon the student the mere copying of a model but gives her some intellectual and æsthetic liberty.

Melodic movement and harmonic progression are studied concurrently. The student learns to write simple melodies based on poetic meters and the addition of a second melody to one already given with ornamentation by means of passing notes, neighbouring notes, etc. When some facility in horizontal writing has been obtained melodies are harmonized in four parts using major and minor triads in root positions and their inversions.

The importance of the student being able to hear what she writes is stressed by means of progressive ear training and musical dictation.

Advanced Harmony: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the course in Elementary Harmony; or the student must satisfy the instructor that she is qualified to enter.

This course is the continuation of the course in Elementary Harmony, from the Chord of the Dominant Seventh, and carries the student through modern harmonic relations. Original melodies are written and harmonized in both close and open score and the use of C clefs is studied when writing for strings. Modern compositions are analyzed. This course gives an opportunity for freedom of expression and calls for more original work on the part of the student.

Elementary Counterpoint: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the two courses in Harmony; or the student must satisfy the examiner that she is qualified to enter.

This course deals with the various modes of counterpoint to which the courses in Harmony have led in so far as it has been possible to bring about "horizontal" writing in those courses. This course consists of Strict Counterpoint in two parts up to and including Fifth Species and three-part Strict Counterpoint up to and including Third Species.

Advanced Counterpoint: Mr. Willoughby.

Credit: One-half unit.

(Given in each year)

Requirements for admission: the three preceding courses in Harmony and Counterpoint; or the student must satisfy the instructor that she is qualified to enter.

This course is a continuation of Elementary Counterpoint and carries the student through to Strict and Combined Counterpoint in three and four parts, later dealing with the stated contrapuntal forms. The course requires some originality on the part of the student and some facility in pianoforte playing.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Philosophy

PROFESSOR:	GRACE ANDRUS DE LAGUNA, Ph.D.
ASSOCIATE PROFESSORS:	PAUL WEISS, Ph.D. MILTON CHARLES NAHM, B.Litt., Ph.D.
INSTRUCTOR:	DOROTHY WALSH, M.A.
READER:	ISABEL SCRIBNER STEARNS, M.A.

The undergraduate instruction offered in this department includes a first year unit course, which is required for the degree, second year unit and half-unit courses, advanced unit and half-unit courses and honours work, which may be taken in conjunction with advanced courses by qualified students.

Allied Subjects:

Biology
Economics and Politics
English
Greek
History
Mathematics
Physics
Psychology
Certain courses in Biblical Literature and Social Economy

FIRST YEAR

Credit: One unit

Full Year Course.

History of Philosophic Thought: Dr. de Laguna, Dr. Weiss and Dr. Nahm.

*Required
Course*

This course will not attempt to cover the entire history of philosophy. Certain important periods will be selected each semester for special study.

1st Semester.

During the first semester there will be lectures and readings on Greek philosophy and its relations to the social and scientific developments of the time. Special attention will be paid to Plato and Aristotle and the students will read and discuss selections from their writings.

2nd Semester.

During the second semester, after a brief survey of the intervening periods of the Middle Ages and the Renaissance, the philosophy of the Seventeenth and Eighteenth centuries will be selected for special study. Students will read and discuss selections from such thinkers as Descartes, Spinoza, Locke and Berkeley. In the latter part of the semester some of the more characteristic movements of nineteenth century thought will be treated more briefly.

SECOND YEAR

Credit: One and one-half units

Full Year Course.

Logic: Dr. Weiss.

Credit: One-half unit.

*Major
Course*

The first part of the course will be devoted to Aristotelian and modern symbolic logic. The latter part will be devoted to the nature of scientific method and the presuppositions of the sciences. No special training in the sciences is presupposed.

1st Semester Courses.

Elementary Ethics: Dr. Nahm.

Credit: One-half unit.

Considerable attention is paid to a study of the morality of primitive peoples and the relations of group morality to the principles of historical ethical systems. The theory and problems of various types of ethics—such as hedonism, idealism, utilitarianism, etc.—are examined and compared.

Philosophical Problems: Miss Walsh.

Credit: One-half unit.

This is primarily a discussion course. Types of philosophical theory are studied and the student is introduced to some of the main issues of contemporary thought.

2nd Semester Course.

German Idealism: Dr. de Laguna.

Credit: One-half unit.

Open to students who have completed the course in Elementary Ethics or who are taking the Logic.

About half the course is devoted to the study of Kant. The systems of the post-Kantian idealists are treated more briefly.

ADVANCED UNDERGRADUATE COURSES

*Credit: One and one-half units***Advanced Courses**

These advanced courses are, in general, open only to students who have taken at least one unit of second year work.

Full Year Course.

Elementary Æsthetics: Dr. Nahm.

Credit: One-half unit.

The problem of the æsthetic response is examined historically and systematically. After this introduction to æsthetics, a study is made of the æsthetic types, such as the comic, the tragic, the sublime and the characteristic. The problems of the origins and classification of art will be approached by use of museum material and anthropological data. The conclusion of the course will involve a close study of the æsthetics of one or two of the arts.

1st Semester Course.

German Idealism: Dr. de Laguna.

Credit: One-half unit.

For the year 1934-35 this course will be consolidated with the Second Year course.

2nd Semester Course.

An Introduction to Metaphysics: Dr. Weiss.

Credit: One-half unit.

This course deals in detail with some of the fundamental problems of metaphysics—individuation, space, time, one and many, internal and external relations, etc.

HONOURS WORK

Honours

Honours work may be taken either in conjunction with the advanced courses or after their completion. It consists of independent private reading with frequent written reports and conferences with the instructor. The subjects chosen are not confined to the technical aspects of philosophy but on the contrary, emphasize its connection with general literature, history and politics, or with some special science in which the student is working.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Physics

ASSOCIATE PROFESSORS:	JANE MARY DEWEY, Ph.D. WALTER C. MICHELS, Ph.D.
DEMONSTRATORS:	BARBARA GOLDBERG RAINES, M.A. ELIZABETH KATHERINE MARSHALL, A.B. MARTHA COX, A.B.

The undergraduate instruction offered in this department includes at least three and one-half units, two and one-half units of undergraduate first and second year work and at least one unit of advanced work.

The first year of the major course gives a survey of the whole field of physics. The approach to the subject is descriptive, the elements of the theory being introduced to correlate the phenomena observed in the laboratory and in lecture demonstrations. No knowledge of mathematics beyond that required for entrance to Bryn Mawr is required. In the second year course more stress is laid on theory. The laboratory work is designed to familiarize the students with the use of physical apparatus with particular reference to methods of measurement of the fundamental quantities dealt with in physical investigations. It is accompanied by some study of methods of handling data and of the theory of errors. A knowledge of differential calculus is required and students are strongly advised to elect second-year mathematics as a parallel course.

Allied Subjects:

Chemistry
Mathematics

FIRST YEAR

Credit: One unit

Full Year Course.

1st Semester.

Mechanics, Heat, Sound and Properties of Matter: Dr. Michels. *Major Course*
Laboratory Work: Dr. Michels, Mrs. Raines and Miss Marshall.

2nd Semester.

Magnetism, Electricity and Light: Dr. Dewey.
Laboratory Work: Dr. Dewey, Mrs. Raines and Miss Marshall.

SECOND YEAR

Credit: One and one-half units

Full Year Course.

1st Semester.

Elements of Mechanics: Dr. Dewey.
Laboratory Work: Dr. Dewey and Miss Cox.

During the first semester this course gives an introduction to theoretical mechanics. A brief treatment of the special theory of relativity is included.

2nd Semester.

Elements of Electricity: Dr. Michels.

Laboratory Work: Dr. Michels and Miss Cox.

During the second semester the fundamental ideas of electricity and magnetism are developed and illustrated by problems. Particular attention is devoted to the application of electrical theory to modern theories of the structure of matter and the interaction of matter and radiation.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses give a more extensive treatment of the various branches of physics. The laboratory work is intended to familiarize the students with the design, adjustment and use of physical instruments. These courses are open only to graduates and undergraduates who have completed the major courses in physics and the course in differential and integral calculus.

A selection from the following courses is offered.

Full Year Courses.

Geometrical and Physical Optics: Dr. Dewey.

Credit: One or one and one-half units.

(Given in 1934-35)

Electricity and Magnetism: Dr. Michels.

Credit: One or one and one-half units.

(Given in 1935-36)

This course treats the problems of the electrostatic and magnetic fields, electrodynamics and electromagnetic waves. The laboratory work deals with fundamental electrical measurements and their application to physical experimentation.

Mechanics: Dr. Michels.

Credit: One or one and one-half units.

(Given when requested)

The lectures of this course develop the fundamental principles of theoretical mechanics, including the statics and dynamics of systems of particles and rigid bodies and include an introduction to generalized coördinates and Hamilton's principle.

FREE ELECTIVE COURSES

*Free Elective Courses**Full Year Courses.*

Astronomy: Dr. Michels.

Credit: One-half unit.

(Given when requested)

This course is elementary and mainly descriptive in nature. Part of the lectures, however, will be devoted to astrophysics. The course is open to juniors and seniors only, not to auditors or hearers. First year physics is prerequisite.

Physical Basis of Music: Dr. Michels.

Credit: One-half unit.

(Given when requested)

This course presents some of the physical principles utilized in the construction of musical instruments and underlying the general theory of musical scales, harmony, etc.

HONOURS WORK

Honours

Honours work may be taken by seniors recommended by the department. It consists of reading and experimental work on some problem of physics.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Psychology

PROFESSORS:	*HARRY HELSON, Ph.D. AGNES LOW ROGERS, Ph.D.
ASSOCIATE:	DONALD WALLACE MACKINNON, Ph.D.
LECTURER:	MILTON FRANKLIN METFESSEL, Ph.D.
INSTRUCTOR:	WILLIAM DONALD TURNER, Ph.D.

The undergraduate instruction offered in this department includes at least six units, three units of first and second year work and two units of advanced work. One unit of honours work is offered by members of the staff to students who have not only received high grades in the first two years work but have also shown ability for independent work and thinking.

The work of the first year is designed to introduce the student to the subject through a consideration of the fundamental principles underlying the several fields of psychology. While the course is primarily to prepare students to pursue further work in the subject, it may be taken with profit by students who are not majors in psychology and wish to become familiar with a scientific account of the problems of behavior. Topics of interest in daily life and psychological problems having a bearing on related subjects of knowledge receive their due share of attention. The work of the second year lays the foundation for advanced work and is required of all majors in the department. In the third year an attempt is made to round out and unify the student's knowledge and to offer her an opportunity for specialized work if she desires it.

Allied Subjects:

- Anthropology
- Biology
- Mathematics
- Philosophy
- Physics
- Sociology

FIRST YEAR

Credit: One unit

Full Year Course.

Lectures in General Psychology.

This course if begun in the first semester must be continued in the second semester.

1st Semester: Dr. MacKinnon.

2nd Semester: Dr. Helson.*

Laboratory: Dr. Turner and Dr. MacKinnon.

The aim of this course is to present the basic facts and principles from the various fields of psychology as they contribute to an understanding of the fundamental problems of behavior. Among the topics considered are learning and habit formation, memory and imagination, thinking, perceiving and willing, emotive behavior, the question of types, physiological foundations of behavior, personality and social conduct, intelligence and departures from normal behavior and the elementary theory of measuring the human variables. The laboratory exercises provide opportunity for the student to test and verify for herself the laws and principles elaborated in lectures and readings, besides acquainting her with the methods developed by psychologists for controlling and quantify-

* Granted leave of absence for the year 1934-35. The courses offered by Dr. Helson will be given by Dr. Metfessel.

ing their subject-matter. While the experimental part of the course deals with more or less particular problems it is fundamental and applicable to most questions concerning methods of predicting and controlling behavior. Emphasis is laid upon techniques for measuring various forms of behavior ranging from learning and memory to sensory, intellectual and social phenomena. Lecture and laboratory work supplement each other.

SECOND YEAR

Credit: Two units.

All of the work offered in the second year is required of majors in psychology, but any course may be taken as a free elective by others who have completed the first year work.

1st Semester Courses.

Experimental Psychology: Dr. Helson.*

Credit: One-half unit.

Laboratory: Dr. Turner.

The lectures are concerned with those topics which have lent themselves most readily to experimental methods, *e.g.*, sensory, perceptual, attentive and psychophysical phenomena. The theoretical and methodical aspects are critically discussed in lecture while the laboratory stresses the fundamental procedures developed for the measurement of psychological data. This course is a prerequisite for advanced work in any type of laboratory psychology.

Comparative Psychology: Dr. Turner.

Credit: One-half unit.

A survey of the chief types and problems of behavior from the lowest organisms to man from the comparative point of view. Motivation of action will be emphasized. Demonstrations of various aspects of animal behavior will be given.

2nd Semester Courses.

Mental Tests and Measurements: Dr. Rogers.

Credit: One-half unit.

This course provides a foundation for the theory and practice of mental tests and measurements. Demonstrations of the application of tests of general and special abilities will be given.

Social Psychology: Dr. MacKinnon.

Credit: One-half unit.

This course is a study of the psychological processes determining the social behavior of the individual. It seeks to provide the student with a psychological background for the study of other social sciences.

ADVANCED UNDERGRADUATE COURSES

Students majoring in psychology must take advanced work amounting to at least one unit from among the following courses.

Full Year Course.

Advanced Experimental Psychology: Dr. Helson* and Dr. Turner.

Credit: One unit

This course is intended for students who wish to be trained for research work, particularly for those planning to do graduate work. Opportunity is provided for working on some special problem agreed upon by student and instructor. About six weeks are devoted to a consideration of psychophysical and statistical methods, after which the student's time is given to experimental work as experimenter and observer. Problems in animal psychology may be engaged in under the direction of one of the instructors. Students must obtain the consent of the instructors before registering for this course.

1st Semester Course.

Abnormal Psychology: Dr. MacKinnon.

Credit: One-half unit.

This course will consist of a study of the main forms of mental disorder. Attention will also be given to the problems of individual differences, types of personality, methods

* Granted leave of absence for the year 1934-35. The courses offered by Dr. Helson will be given by Dr. Metfessel.

of investigation, borderline types of disturbances and the principles of psychotherapy. This course may be taken by those who have completed the first year work.

2nd Semester Course.

Psychological Theory: A systematic survey of the main types of psychological theory: Dr. Turner. *Credit: One-half unit.*

The concepts underlying the various approaches to the problems of psychology will be examined with special reference to the history of psychology. This course gives a survey of the various fields of psychology in the light of recent developments viewed in their historical setting. Two units of psychology are prerequisites.

HONOURS WORK

One unit of honours work may be taken by students recommended by the department. *Honours*

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses.*

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

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|---------------------------------|--------------------------------|
| PROFESSOR: | SUSAN MYRA KINGSBURY, Ph.D. |
| ASSOCIATE PROFESSOR: | MILDRED FAIRCHILD, Ph.D. |
| LECTURERS: | ALMENA DAWLEY, M.A. |
| | HERBERT ADOLPHUS MILLER, Ph.D. |
| SPECIAL NON-RESIDENT LECTURERS: | EVA WHITING WHITE, A.B. |
| | ALICE HAMILTON, M.D. |

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The undergraduate instruction offered in this department covers three units of free electives.

FREE ELECTIVE COURSES

Full Year Courses.

Social Investigation: Dr. Kingsbury. *Credit: One-half unit.*
(Given in each year)

*Free
Elective
Courses*

The object of the course is to give the students a knowledge of the principles of social investigation and of the steps that must be taken in conducting an investigation. The course also deals with the elements of statistics. It acquaints the student with the principles and methods of record keeping and filing which are applicable to municipal, state and federal offices, to business organizations and to social organizations.

The course is recommended to students of social economy, of economics, of psychology, and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Introduction to Sociology: Dr. Miller.*Credit: One-half unit.**(Given in each year)*

Relationships between personalities, the causes of social conflicts and the methods whereby maximum stimulation, release, facilitation and integration of the purposes and possibilities of all members of society may be attained, constitute the problems of the course. Specific applications to social relations in the family, in industry, between races and the like, are worked out. By means of laboratory experiments and objective observation of social phenomena, outstanding sociological theories are tested by attempting to apply them to concrete data. A course in some social science is prerequisite for this course.

Social Anthropology: Dr. Miller.*Credit: One unit.**(Given in each year)*

An anthropological approach to the study of the social process. The development of universal culture patterns will be traced from primitive man to modern society. The contemporary problems of race and nationality with the complexes of culture and the conflicts they offer throughout the world will be analysed both from the point of view of larger political relations and local American situations.

Labour Movements: Dr. Fairchild.*Credit: One unit.**(Given in each year)*

The present-day problems of labour considered with special reference to the history and growth of the labour movement form the subject matter of this course. A study of the critical episodes in labour's struggle for organization and status, especially in England and the United States, is made in order to understand present tendencies in trade unionism. Some of the topics considered are wages, economic security, conditions of work, technological change and social legislation, the use of the strike and lockout, employee representation and cooperative management. An effort is made to analyze the function of trade unionism in the labour movement of this and other countries. The influence of Socialism upon working-class organization and the significance of the Soviet Union are considered. In the study of workers' education, special reference is made to the Bryn Mawr Summer School for Women Workers.

GRADUATE WORK

Graduate work is offered in this department. Further information will be found in *The Calendar of Graduate Courses*.

Spanish**PROFESSOR:****JOSEPH E. GILLET, Ph.D.**

The instruction offered in this department includes two and one-half units of undergraduate first and second year courses and one and one-half units of advanced undergraduate courses.

An advanced standing examination in Spanish, that is, an examination in translation and composition taken without attendance on the college classes, may be taken by students in the first three weeks after entering the college. Depending on the result of this examination credit is given for all or a part of the first or second year Spanish courses. Credit thus received may not be counted as part of the major course if Spanish is elected as a major subject; more advanced courses in Spanish chosen with the approval of the Department of Spanish must be substituted for that part of the first or second year course for which credit has been given in the advanced standing examination by students taking Spanish as a major subject.

Allied Subjects:

History
 History of Art
 Any language

FIRST YEAR

*Credit: One unit**Full Year Course.*

Spanish Grammar and Composition; Reading of Modern Spanish Prose:
 Dr. Gillet.

*Major
 Course*

SECOND YEAR

*Credit: One and one-half units**Full Year Courses.*

Reading of Classics in Spanish Literature, accompanied by a Survey of
 Spanish Literary History from the Seventeenth to the Nineteenth Century:
 Dr. Gillet.

Credit: One unit.

Intermediate and Advanced Spanish Composition: Dr. Gillet.

Credit: One-half unit.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between
 the ordinary undergraduate studies and graduate work. Graduate students
 will usually find it advisable to elect these courses.

*Advanced
 Courses**Full Year Courses.*

Lectures on Spanish Literature of the Sixteenth Century and the Golden
 Age: Dr. Gillet.

Credit: One unit.

The course includes collateral reading and reports.

Advanced and Free Spanish Composition: Dr. Gillet. *Credit: One-half unit.*

GRADUATE WORK

Graduate work is offered in this department. Further information will
 be found in *The Calendar of Graduate Courses*.

Physical Education

DIRECTOR:

JOSEPHINE PETTS

ASSISTANT DIRECTOR:

MARNA V. BRADY, M.A.

INSTRUCTOR:

ETHEL M. GRANT

The Physical Education requirement for Freshmen consists of three
 hours of exercise a week. During the winter one of these periods will be
 given over to a class in which the fundamental principles of good move-
 ment will be studied. This class includes both theoretical and practical
 work.

For Sophomores the Physical Education requirement consists of two
 periods a week of exercise. In addition, one hour of Hygiene throughout
 one semester is required.

Sophomores

Physical Education classes are divided into three sections: Autumn
 (from the opening of college to the Thanksgiving holidays), Winter (from

the Thanksgiving holidays to the spring holidays), Spring (from the spring holidays to the end of college).

The required work in each section for two years must be satisfactorily completed for graduation as well as the Freshman Swimming Test, which consists of:

1. Dive—plain front.
2. Sink and come up twice.
3. Float for two minutes.
4. Swim for twenty minutes.

Autumn During the fall the required work for those students who have not passed the swimming test must be done in this sport. The only exceptions are made by the College Physician. The students who have passed the swimming test may choose their required work from the following list: Hockey, Tennis, Fencing and Dancing.

Winter The students who have passed the swimming test may choose their Physical Education classes from the following list: Swimming, Basket Ball, Tumbling, Fencing and Dancing.

Spring The spring program of Physical Education may be chosen from the following list: Tennis, Tumbling, Fencing and Dancing.

Upper-classmen All the required classes are open to Upperclassmen and the Department of Physical Education works with the Athletic Association in arranging extra hours of practise and games for Varsity teams, as well as additional hours of special advanced work for those who wish it.

Department of Health

1934-35

PRESIDENT OF THE COLLEGE:	MARION EDWARDS PARK, Ph.D., LL.D.
DEAN OF THE COLLEGE AND HEAD OF THE HEALTH DEPARTMENT:	HELEN TAFT MANNING, Ph.D.
DEAN OF THE GRADUATE SCHOOL:	EUNICE MORGAN SCHENCK, Ph.D.
DIRECTOR OF PHYSICAL EDUCATION:	JOSEPHINE PETTS
PHYSICIAN OF THE COLLEGE:	MARJORIE JEFFERIES WAGONER, M.D.
WARDENS:	CHARLOTTE BRANDON HOWE, M.A. ELOISE GALLUP RE QUA, A.B. CAROLINE PUTNAM WALKER, M.A. ELLEN WATSON FERNON, M.A. JOSEPHINE McCULLOCH FISHER, A.B. DOROTHY WALSH, M.A.
SENIOR RESIDENT:	CATHERINE PALMER ROBINSON, M.A.

All entering students are required to file at the office of the Dean of the College a report of a recent medical examination filled out and signed by a physician, on a blank to be secured from the College. *Health Certificate*

Every entering student must as well file a physician's certificate stating that she has been vaccinated against smallpox during the year preceding her registration at college and that she exhibited a typical or immune reaction to this vaccination. Students who do not certify to vaccination at entrance will be vaccinated by the College Physician, for which a fee of five dollars will be charged. There is no exception to this rule. *Vaccination*

Every student must file a certificate stating that her eyes have been examined by an oculist within six months before entrance and again before the beginning of her junior year. Failure to comply with the above rule entails an examination by one of the college consultants in ophthalmology for which the students will be charged as private patients by the ophthalmologist who makes the examination. If glasses are prescribed they must be obtained. *Oculist Certificate*

Every undergraduate student and hearer is examined each year by the Resident Physician of the College and twice each year by the Director of Physical Education with reference to physical development, strength of heart and lungs and general health. *Physical Examination*

Any student who at the time of the examination or at any other time during the year is not in good health is placed on the health supervision list. She is required to follow the special régime prescribed and her extra-curriculum activities may be limited. *Health Supervision*

The Director of Physical Education receives the reports of students under medical treatment, keeps records of the health of all students and

endeavors, by interviews and advice on personal hygiene, to maintain and improve the health of the students. All students are urged by the Health Department to take some out-of-door exercise in addition to their periods of physical training.

*Physicians
and
Nursing*

Eminent specialists practising in Philadelphia have consented to serve as consulting physicians of the college. The College Physician is in her office in the college infirmary daily and may be consulted by the students without charge.

Infirmary

The infirmary fee of \$20.00 paid by each resident undergraduate student entitles her to be cared for in the infirmary for four days (not necessarily consecutive) during the year and to attendance by the college physicians during this time and to nursing, provided her illness is not infectious. It also entitles her to the services of the nurses employed by the college during other temporary illness, provided one of the regular nurses is free at the time. In the case of an illness of longer duration and also in the case of all diseases of an infectious character the student must meet or, in case of two or more students with the same infectious disease, must share, the expense of a special nurse. She is responsible also for the infirmary fees which are \$6.00 a day and for hospital or sanitarium charges should she be removed from the college by order of the College Physician.

A special nurse for one student costs approximately \$8.30 per day or \$58.10 per week, which includes nurse's fee, board and laundry. When a student has not an infectious disease the infirmary fee of \$6.00 per day will include the nurse's fee provided it is possible for one of the college nurses to care for the student. The fees of the consulting physicians and surgeons and other specialists recommended by the college will be furnished on request.

All communications concerning the health of the students from parents and guardians, outside physicians and others, should be addressed to the Dean of the College, who will excuse students for absence before and after vacations on account of serious illness and from attendance on academic work during the time that they are in the infirmary or seriously ill at home. Any student who becomes ill when away from the college is asked to notify immediately the Dean of the College.

GENERAL INFORMATION

Plans and descriptions of the library and the undergraduate halls of residence, Denbigh, Merion Hall, Rockefeller Hall, Pembroke Hall East, Pembroke Hall West and Wyndham, with full information regarding the charges for rooms, are published as Part 3 of the Bryn Mawr College Calendar and may be obtained, by application, from the Secretary and Registrar of the College. A resident warden is in charge of each hall. Each hall has its separate kitchen and dining-room except Pembroke, which has a common dining-room and kitchen for the two wings and for Wyndham. Students from Wyndham take their meals in Pembroke. Each hall provides a separate room for each of its sixty or seventy students, except Wyndham, which has six double bedrooms and five single rooms and provides accommodation for seventeen students. All rooms are furnished with a bed, bureau, table desk, straight chair, desk chair and bookcase, but students are expected to furnish their own rugs, curtains and towels. All necessary service is supplied by the college. Though there are open fire-places in many studies and single rooms, all rooms are adequately heated by steam heat controlled by a thermostat. Because of the danger of infectious diseases personal laundry may be done only by laundries or laundresses recommended by the college.

*Halls of
Residence*

Every application for a room whether made by a student already in residence or by a candidate for admission must be accompanied by a deposit of ten dollars, otherwise the application will not be registered. The amount of this deposit will be deducted from the rent if the room assigned be occupied by the applicant. The deposit will not be refunded under any circumstances. An additional deposit of forty dollars must be made not later than August first by each upper class student who has enrolled for the following year. It will be credited on the first semester's room rent if the student returns to college but will not be returned in case of withdrawal after August first. Candidates for admission to the freshman class will be expected to pay this deposit when accepting notice of admission to college.

*Room
Reservation*

Every applicant who reserves a room after the first of September or who fails to withdraw her application by that date even though she does not occupy the room at all, or vacates it during the college year, prevents some other student from obtaining accommodation and consequently admission to the college; therefore unless formal notice of withdrawal of application for the ensuing academic year is received by the Secretary and Registrar of the College by the first of September the applicant is responsible for the rent for the whole year of the room assigned to her or for the minimum rent of two hundred dollars in case a definite assignment has not been made. The charge for room rent is not subject to remission or reduction unless the college re-rents the room. The applicant is not entitled to dispose of a room thus left vacant.

Withdrawal

Non-Resident Students

Accommodation is made for students living with their families in Philadelphia and vicinity. There is a club-room for non-resident students in Goodhart Hall, a coat room in Taylor Hall and one in the library and non-resident students also have the full use of the large Common Room in Goodhart Hall.

Non-resident students are liable in whole or in part for all undergraduate fees except those for residence in the halls and infirmary fees.

Expenses for Undergraduate Students

Fees for Tuition

Though the average cost of teaching each undergraduate student is estimated at about one thousand dollars, the tuition charge for undergraduate students and for hearers is five hundred dollars a year. The difference between the actual cost and the price of tuition must be met from the small endowment funds of the college and by private gifts. Voluntary contributions from parents able and willing to pay this additional five hundred dollars, in whole or part, will be used for scholarships for students unable to pay the regular tuition fee of five hundred dollars. No reduction of the tuition fee can be made on account of absence, illness, or dismissal, or for any other reason and no refund will be made in case of advance payment.

Fees for Board and Residence

The charge for board at the college is four hundred dollars a year, payable half-yearly in advance. The total fee for board and residence depends upon the room or rooms occupied by the student, the rental being based on the size and location of each room and varying from one hundred dollars to five hundred and fifty dollars. Room rent is payable yearly in advance. About one-fourth of the rooms in the college rent for one hundred dollars, making the cost of board, residence and tuition one thousand dollars; but since assignment of such a room is equivalent to the award of a small scholarship, these rooms will be reserved for students whose applications have been approved by the Director of Scholarships and the Scholarship Committee. Such students must have a good academic record and must fill out a special form of application stating that they are unable to afford rooms at a higher price.

Reduction of Fees on Account of Illness

In case of prolonged illness and absence from college extending over six weeks or withdrawal from the college for a period of six weeks or more, there will be a special proportionate reduction in the charge for board, provided that written notice be given to the Dean of the College and to the Comptroller at the time of withdrawal, or, in case the student is ill at home, as soon as possible after her illness is known. Verbal notice to wardens or instructors is not sufficient to secure the above allowance.

Residence in Vacations

Students who wish to remain at the college during the Christmas and Easter vacations should apply to the Warden for information in regard to rooms and rates. During the Christmas vacation the halls of residence are closed but accommodation may be obtained near the college campus.

During the Easter vacation one hall of residence is kept open and undergraduate students may occupy rooms in it at a fixed rate.

Students remaining during any part of the Christmas or Easter vacations in Bryn Mawr, or in the immediate neighborhood, not in their own homes, are required to take advantage of the arrangements made by the college and will be charged according to the length of stay. A student not going to her own home is required to inform the Warden of her hall in advance of her intention to spend the vacation elsewhere and to register her address with her Warden.

For undergraduate students taking one laboratory course of four or more hours a week there is an additional charge of fifteen dollars a semester for materials and apparatus; for students taking two laboratory courses of four or more hours a week a charge of twenty-five dollars a semester and for students taking three laboratory courses of four or more hours a week a charge of thirty dollars a semester. A charge of seven dollars and fifty cents a semester is made for students taking a laboratory course of less than four hours a week.

In courses in Geology each hour of field work is counted as one hour of laboratory work. Not more than one laboratory course is required of candidates for a degree.

Laboratory Fees

<i>Summary of Major Expenses for Undergraduate Students</i>				<i>Major Expenses</i>
	<i>Minimum</i>	<i>Mean</i>	<i>Maximum</i>	
Tuition for the academic year, payable October 1st.....	\$500.00	\$500.00	\$500.00	
Board for the academic year, payable in equal instalments, October 1st and February 1st.....	400.00	400.00	400.00	
Room-rent for the academic year, payable October 1st.....	200.00	375.00	550.00	
Tuition and residence for the academic year	\$1,100.00	\$1,275.00	\$1,450.00	

Special Rate

In certain cases students are awarded by the College a room at one hundred dollars, making the total of major expenses for the academic year one thousand dollars.

Special Rate

Minor Fees and Charges

Infirmiry fee for the academic year, payable October 1st.....	\$20.00
Fee for the upkeep of the athletic fields, payable October 1st....	10.00*
Laboratory fees for laboratory courses of less than four hours a week for the academic year.....	15.00
Laboratory fees for laboratory courses of four or more hours a week for the academic year.....	30.00

Minor Fees and Charges

In the courses in History and Appreciation of Music a charge of one dollar and twenty-five cents a semester is made for the purchase of necessary books and material.

* For non-resident students this fee is \$5.00.

Every student who enters the college must register her courses within two weeks after entrance. A charge of one dollar will be made for each change made in the course after it has been definitely registered.

Every student except a member of the freshman class who moves from one hall to another is charged a fee of ten dollars for moving and every student except a member of the freshman class who moves from one room to another in the same hall is charged a fee of five dollars. This fee entitles a student to have five pieces moved free of charge.

The graduation fee is twenty dollars, payable in the senior year.

*Regulation
on Fees*

The fees are due on the first day of each semester. Bills will be sent by the Comptroller and students whose fees are not paid before November first in the first semester or before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

SCHOLARSHIPS

Undergraduate Fellowship, Scholarships and Prizes Awarded for Distinction in Academic Work

The Bryn Mawr European Fellowship of the value of \$500 was founded in 1889. It is awarded annually to a member of the graduating class of Bryn Mawr College on the ground of excellence in scholarship. The fellowship is intended to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The Bryn Mawr European fellow receives in addition the Elizabeth S. Shippen foreign scholarship of the value of \$200.

*Bryn Mawr
European
Fellowship*

The Maria L. Eastman Brooke Hall Memorial Scholarship was founded in 1901, in memory of Maria L. Eastman, Principal of Brooke Hall School for Girls, Media, Pa., by the Alumnae and former pupils of the school. It is awarded each year on the ground of scholarship irrespective of the need of financial aid to the member of the junior class with the highest record to be held during the senior year. No application for the scholarship is necessary.

*Maria L.
Eastman
Brooke Hall
Memorial
Scholarship*

The Elizabeth Duane Gillespie Scholarship in American History of the value of \$60 was founded in 1903 by the Pennsylvania Society of Colonial Dames of America in memory of Elizabeth Duane Gillespie. It is awarded annually to a member of the sophomore or junior class on condition that the holder of the scholarship devote to the study of American history at least one unit of work for one year during the last two years of her college course. The candidate is to be selected by the Faculty of Bryn Mawr College on the ground of excellence in scholarship.

*Elizabeth
Duane
Gillespie
Scholarship*

The Charles S. Hinchman Memorial Scholarship of the value of \$500 was founded in 1917 in memory of the late Charles S. Hinchman of Philadelphia by his family. The holder will be nominated to the Faculty by the Undergraduate Scholarships Committee of the Faculty guided in its selection by (1) the student's record in her major subject, (2) written recommendations from the instructors in this subject, (3) evidence of the student's ability as shown by written work in her major subject together with a written estimate of the same by the instructor most directly concerned, such work to be submitted not later than March 15th of the year preceding the one in which the scholarship is to be awarded.

*Charles S.
Hinchman
Memorial
Scholarship*

The George Bates Hopkins Memorial Scholarship, consisting of the income of a gift of \$10,000 from Mrs. Elizabeth Hopkins Johnson, in memory of her father, is to be awarded each year at the discretion of the President and Faculty of the College to the student in the Department of Music who in their estimation most needs it and is most deserving of it.

*George
Bates
Hopkins
Memorial
Scholarship*

The Elizabeth S. Shippen Scholarships were founded in 1917 by the bequest of the late Elizabeth S. Shippen of Philadelphia. Three scholarships are awarded each year, one to the member of the senior class who

*Elizabeth S.
Shippen
Scholarships*

receives the Bryn Mawr European Fellowship and two to members of the junior class, as follows:

The Shippen Scholarship in Science of the value of \$100 is awarded to a member of the junior class, whose major subject lies in the Scientific Departments, viz., Physics, Chemistry, Geology, Biology, for excellence of work in one of these departments.

The Shippen Scholarship in Foreign Languages of the value of \$100 is awarded annually to a member of the junior class whose major subject lies in the Departments of Foreign Languages, viz., Greek, Latin, German, French, Italian, Spanish, for excellence of work in one of these departments. Work in elementary language courses is not counted.

No student shall be considered eligible for the Science or Foreign Language Scholarship who has not completed at least one-half of the second year course in the subject on which the computation is based. The winner of the Charles S. Hinchman Memorial Scholarship will not be eligible for the Shippen Scholarship in Science or in Foreign Languages.

*Sheelah
Kilroy
Memorial
Scholarships*

The Sheelah Kilroy Memorial Scholarships in English (the interest on \$5000) were founded in 1919 by Dr. and Mrs. Philip Kilroy in memory of their daughter Sheelah. These scholarships are awarded annually on the recommendation of the Department of English as follows: \$150 to a student for excellence of work in the Second Year or Advanced English; \$75 to a student for excellence of work in the First Year English and \$50 to the student in the Required English Composition who does the best written work during the year.

*Horace
White Prize*

The Horace White Prize in Greek Literature, a prize of \$50 founded by Miss Amelia Elizabeth White in 1919, is awarded to the best student in the second year class in Greek Literature, the nomination to be made by the Professor conducting the class.

Essay Prize

The President M. Carey Thomas Essay Prize of \$100 is awarded to the student whose writing in the opinion of the English Department is the best in the Senior Class.

Scholarships Awarded at Entrance and Tenable for Four Years

*Regional
Scholarships*

Regional Scholarships of \$300 to \$500 each, administered by local alumnae committees, are awarded at regular intervals in each district of the Alumnae Association of Bryn Mawr College to candidates of exceptional ability who are unable to meet in full the fees of the college. The conditions are:

1. Application on blanks obtainable from the Alumnae Scholarships and Loan Fund Committee, Taylor Hall, Bryn Mawr, Pa., should be made before April 1 of the academic year for which the scholarship is desired.

2. Awards of the scholarships are made as soon as possible after the returns of the College Entrance Board Examinations to candidates who have been admitted to Bryn Mawr College who are judged to be of the highest promise by Local Committees in consultation with the Faculty Committee on Entrance Examinations.

3. Candidates awarded Regional Scholarships and maintaining a high standard of conduct and scholarship may be assured of further scholarships from local Alumnae committees or direct from the College. Further information may be obtained from the chairman of the Alumnae Scholarships and Loan Fund, Taylor Hall, Bryn Mawr, Pa.

Eight free tuition scholarships,* two awarded each year and tenable for four consecutive years, were founded for students prepared in Philadelphia High Schools by the Trustees of Bryn Mawr College on the following terms:

The candidate shall have matriculated for Bryn Mawr College, having received all her preparation for entrance examination at a Philadelphia High School; she shall have been recommended by the Board of Education of Philadelphia subject to the approval of the Directors of Bryn Mawr College. Provided that the conduct and academic standing of the student shall be satisfactory to the college authorities, the scholarship will be renewed annually for three years.

Eight scholarships* of the value of \$175 similar to the trustees' scholarships are awarded to graduates of a Philadelphia High School by the Board of Public Education of Philadelphia.

The Charles E. Ellis Scholarships* of \$500 each, tenable for four years, were founded in 1909 by bequest of the late Charles E. Ellis and are awarded on the recommendation of the Superintendent of Public Schools of the City of Philadelphia, subject to the approval of the Board of Directors and Trustees of Bryn Mawr College, to students educated in the Philadelphia public schools who have matriculated for Bryn Mawr College.

In 1893 the Alumnae Association of the Girls' High and Normal School of Philadelphia founded at Bryn Mawr a scholarship,† tenable for four years, of the value of \$100, increased in 1924 to \$150. This scholarship is awarded every four years to the graduate of the Girls' High School who matriculates for Bryn Mawr College with the highest grade of that year.

In 1895 one scholarship* providing free tuition for a graduate of the Lower Merion High School was founded by the College and presented to the School Board of Education of Lower Merion Township, Montgomery County, Pa. In 1926 the Board of Directors of the College added three similar scholarships, one to be awarded each year to a student to be held for four consecutive years. The conditions of award are that the candidate having received all of her preparation for examination at the Lower Merion High School shall have matriculated for Bryn Mawr College and shall be recommended by the School Board of Education of Lower Merion Township subject to the approval of the Directors of Bryn Mawr College.

In 1900 one scholarship† providing free tuition for a graduate of Norristown High School was presented to the School Board of Education of Norristown, Pa., on the following terms: The candidate having received all of her preparation at the Norristown High School shall have matriculated

*Trustees
Scholarships*

*City
Scholarships*

*Charles E.
Ellis
Scholarships*

*L. C. B. Saul
Scholarship*

*Lower
Merion
Township
Scholarship*

*Norristown,
Haverford
Township
and Radnor
Scholarship*

* Information about these scholarships may be obtained at the schools.

† Information about this scholarship may be obtained at the school.

for Bryn Mawr College not later than the June preceding her entrance to the College and shall be nominated by the Superintendent of Schools or the Board of Education subject to the approval of the Board of Directors of the College. The award shall not be made twice to the same person unless the Superintendent of Schools shall file a statement with the President of the College that no other member of the graduating class is eligible for the scholarship. In 1932 this scholarship was made available for graduates of either the Haverford Township High School or of the Radnor High School.

*Minnie
Murdoch
Kendrick
Memorial
Scholarship*

The Minnie Murdoch Kendrick Memorial Scholarship providing a year's free tuition and tenable for four successive years was founded in 1916 by the bequest of the late George W. Kendrick, Jr. This scholarship is awarded by the Board of Directors of Bryn Mawr College to a candidate who has fulfilled the requirements for admission to Bryn Mawr College upon nomination by the Board of Public Education of Philadelphia.

*Foundation
Scholarship*

One competitive entrance scholarship of free tuition tenable for four years is open annually to members of the Society of Friends who are unable to pay the full charge for tuition and residence. The scholarship is awarded, as far as possible, under the same rules as those governing the competitive entrance scholarships of Bryn Mawr College.

*Frances
Marion
Simpson
Scholarships*

Four Frances Marion Simpson Scholarships,* entitling the holder to free tuition, were founded in 1912 by Justice Alexander Simpson, Jr., in memory of Frances Simpson Pfahler, of the class of 1906, one scholarship to be awarded in each October, to a candidate who receives her certificate of examination in the preceding spring matriculation examination period. Competition for these scholarships is open in the first place to residents of Philadelphia and Montgomery counties who have been prepared for Bryn Mawr College in the public schools of the said counties, or at home by their parents and guardians, or in Miss S. Janet Sayward's School at Overbrook Pennsylvania, so long as she shall be conducting the same; or in default thereof to residents of other counties in Pennsylvania. Only those students who are unable to pay the fees for tuition, or if living at a distance, the fees for tuition and board, in Bryn Mawr College are entitled to compete. † In special cases the scholarship may be awarded to a candidate from some other locality, in which case the restriction to preparation in public schools may also be relaxed, or it may be awarded to some one who can pay the charge for her tuition, or for her tuition and board in part.

The scholarships are tenable for four successive years and are meant exclusively for those students who take the full college course. Students holding the scholarships who become able to pay the tuition fees of Bryn Mawr College in whole or in part are required to do so and all holders of the scholarships are required to promise to repay for the benefit of other students in need of the scholarship, the advances made to them, when they can conveniently do so.

* Application for these scholarships should be made on a form obtainable at the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

The Chinese Scholarship was founded in 1917 by a group of Alumnae and friends of the College to bring a Chinese student to Bryn Mawr College. It consists of the annual income from a fund of \$20,000 and additional money if necessary. It is awarded by the College and is tenable for the four undergraduate years.

*Chinese
Scholarship*

Scholarships Awarded at Entrance to be Used in the Freshman Year

A fund of \$10,000 was given in 1930 by Mr. Percy Jackson in memory of his wife, Alice Day Jackson, the income to be used to assist able students to meet the expenses of the freshman year at Bryn Mawr College.

*The Alice
Day Jackson
Fund*

The Amy Sussman Steinhart Scholarship consisting of the income of a gift of \$5000 was founded in 1931 in memory of Amy Sussman Steinhart of the class of 1902. The scholarship will be awarded annually to an entering student coming from one of the states west of the Mississippi.

*Amy
Sussman
Steinhart
Scholarship*

The Louise Hyman Pollak Scholarship was founded in 1931 by the Trustees from a bequest of \$5000 to the College of Louise Hyman Pollak of the class of 1908. The income will be awarded annually as a scholarship to an entering student from Cincinnati or the Middle West.

*Louise
Hyman
Pollak
Scholarship*

Scholarships of \$500 each were founded in 1885 by the Board of Managers of the Bryn Mawr School, of Baltimore, Maryland. One of these scholarships is open annually to the graduate of the Bryn Mawr School who has completed the school course with the most distinction.

*Bryn Mawr
School
Scholarship*

The Kirk School Scholarship of \$100 was founded in 1929 by the Alumnae Association of the Kirk School in honour of the Misses Kirk. The Scholarship is awarded for the freshman year to a student who has been prepared by the Kirk School.

*Kirk
School
Scholarship*

Scholarships to be Used in the Sophomore Year

The James E. Rhoads Memorial Sophomore Scholarship* of \$500 for one year was founded in 1897 by the Alumnae Association of Bryn Mawr College in memory of the first President of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have attended lectures at Bryn Mawr College not less than one semester. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College and shall prove her need of financial aid to the satisfaction of the nominating committee. The nominating committee consists of the Faculty Committee on Undergraduate Scholarships and the members of the Scholarships and Loan Fund Committee of the Alumnae Association.

*James E.
Rhoads
Memorial
Sophomore
Scholarship*

Two Maria Hopper Scholarships* of \$200 each to be held in the soph-

*Maria
Hopper
Scholarships*

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

omore year were founded in 1901 by the bequest of the late Maria Hopper of Philadelphia. They are awarded on the ground of excellence in scholarship to two members of the freshman class who need financial assistance.

Scholarships to be Used in the Junior Year

*James E.
Rhoads
Memorial
Junior
Scholarship*

The James E. Rhoads Memorial Junior Scholarship* of \$500 for one year was founded in 1897 by the Alumnae Association of Bryn Mawr College in memory of the first president of the College, Dr. James E. Rhoads. The scholarship is open to those students only who have attended lectures at Bryn Mawr College not less than three semesters. To be eligible for this scholarship a student shall have attained a high degree of excellence in her work, shall express her intention of fulfilling the requirements for the degree of A.B. at Bryn Mawr College and shall prove her need of financial aid to the satisfaction of the nominating committee. In case the scholarship is awarded to a non-resident student, its value shall not exceed the tuition fee. The nominating committee is the same as for the James E. Rhoads Memorial Sophomore Scholarship.

*Mary E.
Stevens
Scholarship*

The Mary E. Stevens Scholarship* of the value of \$160 to be held in the junior year, founded in 1896 by former pupils of Miss Mary E. Stevens' School, is awarded on the nomination of the President of the College to a member of the sophomore class who needs financial assistance.

*Anna
Hallowell
Memorial
Scholarship*

The Anna Hallowell Memorial Scholarship* of \$100 was founded in 1912 by the family of the late Anna Hallowell. It is awarded to a member of the sophomore class in need of financial assistance to enable her to continue her studies during her junior year and is to be awarded by the Faculty to the student satisfying the above requirement who has the highest academic record, provided that this student does not hold any other scholarship. This provision may, however, be disregarded in case of great financial need.

Scholarships to be Used in the Senior Year

*Anna M.
Powers
Memorial
Scholarship*

The Anna M. Powers Memorial Scholarship* of \$200 to be held in the senior year was founded in 1902 by the late Mrs. J. Campbell Harris in memory of her mother, Anna M. Powers. The scholarship is open to members of the junior class who need financial aid in order to complete the work for the degree.

*Thomas H.
Powers
Memorial
Scholarship*

The Thomas H. Powers Memorial Scholarship* of \$200 was founded in 1910 by the late Mrs. J. Campbell Harris in memory of her father, Thomas H. Powers. This scholarship is open to members of the junior class who need financial aid in order to complete their senior year.

Scholarships to be Used in Any Year

*Mary Anna
Longstreth
Memorial
Scholarship*

The Mary Anna Longstreth Memorial Scholarship* providing free tuition was founded in 1913 by the Alumnae of the Mary Anna Longstreth School and the children of Alumnae and a few of her friends in grateful mem-

* Application for these scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

ory of Mary Anna Longstreth. The scholarship is to be awarded each year to a student who needs financial aid to begin or continue her college course.

The Anna Powers Memorial Scholarship* consisting of the income of a gift of \$2000 was founded in 1919 by Mrs. Charles Merrill Hough in memory of her sister, Anna Powers, of the Class of 1890. The award of the scholarship is to be made by the Faculty of Bryn Mawr College to a student of good scholarship in need of financial aid.

*Anna Powers
Memorial
Scholarship*

The Constance Lewis Memorial Scholarship,* of \$100 annually, was founded in 1919 by the Class of 1904 in memory of their classmate Constance Lewis. The award of the scholarship is to be made by the Faculty of Bryn Mawr College.

*Constance
Lewis
Memorial
Scholarship*

The Amelia Richards Scholarship* was founded in 1921 by the bequest of the late Mrs. Frank P. Wilson in memory of her daughter, Amelia Richards, of the class of 1918. The scholarship consists of the income of \$10,000 and is awarded annually by the Trustees on the nomination of the President of the College.

*Amelia
Richards
Scholarship*

The Elizabeth Wilson White Memorial Scholarship,* consisting of the income of a gift of \$7500, was founded in 1923 by Mr. Thomas Raeburn White in memory of his wife. The scholarship is awarded annually by the President of the College to a student who is in need of assistance to enter upon or continue her work at Bryn Mawr College.

*Elizabeth
Wilson
White
Memorial
Scholarship*

The Alice Ferree Hayt Memorial award of \$50, founded in 1922, is awarded each year by Mrs. E. Todd Hayt to a student in need of financial assistance.

*Alice Ferree
Hayt
Memorial
Award*

The Abby Slade Brayton Durfee Scholarship,* consisting of the income of a fund of \$2,000 was established in 1924 under the will of the late Randall Nelson Durfee in honour of his wife. In awarding the scholarship preference will be given to candidates of American or English descent and to descendants of the class of 1894 of Bryn Mawr College.

*Abby Slade
Brayton
Durfee
Scholarship*

The Leila Houghteling Memorial Scholarship was founded in 1929 in memory of Leila Houghteling of the Class of 1911, by members of her family and a group of her contemporaries in college. The scholarship, consisting of the income of \$10,000, is to be awarded every three years, on the nomination of the Alumnae Scholarships and Loan Fund Committee, to a member of the freshman class in need of financial assistance, to be held during the three remaining years of her college course.

*Leila
Houghteling
Memorial
Scholarship*

Two Evelyn Hunt Scholarships consisting of the income of \$10,000 were founded in 1932 by the bequest of the late Eva Ramsay Hunt in memory of Evelyn Hunt of the class of 1898. These scholarships will be awarded by the Faculty to two students on the basis of the excellence of their academic work.

*Evelyn
Hunt
Scholarships*

Several Book Shop Scholarships are contributed yearly from the profits of the Bryn Mawr Cooperative Society, to be awarded to students in need of financial assistance.

*Bookshop
Scholarships*

* Application for these Scholarships should be made on a form obtainable from the office of the Dean of the College and should be sent to the Dean before March 1st of the year preceding the academic year for which the scholarship is desired.

Scholarship at the Woman's Medical College of Pennsylvania

The Woman's Medical College of Pennsylvania presented to Bryn Mawr College in 1910 the scholarship to be awarded to a graduate of the college recommended by the President and Faculty as in their opinion qualified to take up the study of medicine. The holder is given free tuition for one year at the Woman's Medical College of Pennsylvania and the scholarship will be renewed for the three remaining years of the medical course if the holder's record prove satisfactory.

Students' Loan Fund

Students' Loan Fund

The Students' Loan Fund of the Alumnae Association of Bryn Mawr College was founded by the Class of 1890 for the use of students who need to borrow money in order to continue their college work and for the purpose of receiving contributions, no matter how small, from those who are interested in helping students to obtain an education.

This fund is managed by a committee consisting of the Dean of the College and the Alumnae Scholarships and Loan Fund Committee. The Committee in administering this money follows a definite policy, designed to serve the best interests of the students concerned. Loans may be used for any purpose approved by the Committee, which strongly recommends the borrowing of small sums to relieve undue financial pressure, or to meet special emergencies. While the Committee would be averse to imposing any undue burden upon applicants for scholarships, it is its earnest belief that the purpose of scholarships is best achieved when those to whom they are awarded have some share, however small it may be, in the financial responsibility for their education. As a rule, money is not loaned to Freshmen or to students in their first year of graduate work.

The terms under which money is loaned are as liberal as is consistent with business-like principles. Interest, which is at the rate of four per cent., begins when the student leaves college. The entire principal must be repaid within five years from the time when the student leaves college, according to the following system: ten per cent. in each of the first two years; fifteen per cent. each in the third and fourth years; fifty per cent. in the fifth year.

Contributions to the Loan Fund may be sent to the Chairman of the Scholarships and Loan Fund Committee, Alumnae Office, Taylor Hall, Bryn Mawr, Pennsylvania. Students who wish to borrow from the Loan Fund may obtain application blanks for this purpose from the Alumnae Office, which is situated on the third floor of Taylor Hall.

Parents' Fund

Parents' Fund

The Parents' Fund was founded and is supported by the contributions of parents and students who are able and willing to pay the full cost of tuition (approximately \$1,000). It is used in making grants to supplement the scholarship awards and to assist other students in need of financial aid.

THE BUREAU OF RECOMMENDATIONS

The college conducts a Bureau of Recommendations which assists alumnae and former undergraduate and graduate students by securing recommendations from their professors and forwarding these to individuals or agencies to whom they may apply for positions. It is not primarily a bureau of employment or appointments, although it is often instrumental in putting individuals directly in touch with positions. The bureau also helps graduate and undergraduate students to find summer work. A series of vocational lectures and conferences are conducted each year for the benefit of the undergraduate body. The services of the bureau are given free of charge to alumnae and former students of Bryn Mawr College.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest or award which is to be devoted to scholarships, fellowships or the endowment of professors' chairs in accordance to the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$10,000 yields sufficient income to provide the present tuition for one student at Bryn Mawr College.

Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
to be invested and preserved inviolably for the endowment of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Dates.....

LIBRARY

The Bryn Mawr College Library is designed to be as far as possible a library for special study. There are at present on its shelves about 145,000 bound volumes and 10,000 dissertations and pamphlets. Of special interest is the classical library of the late Professor Saupe of Göttingen, the Semitic library of the late Professor Amiaud of Paris, the mathematical library of the late Professor Charlotte Angas Scott, the Germanic library of the late Professor Karl Detlev Jessen and the geology library of former Professor Florence Bascom.

The library is open daily except Sundays from 8 A. M. to 10 P. M. and on Sunday from 9 A. M. to 10 P. M. Books may be taken out by the students unless specially reserved for library reference use.

The sum of over fifteen thousand dollars is expended yearly for books under the direction of the heads of the several collegiate departments and in addition to many gifts of single books, about thirty thousand dollars has been presented to the library during the past twenty years for expenditure in special departments.

Students may enjoy also the privileges of *Haverford College Library* and the following:

The *Library Company of Philadelphia*, which contains about 260,000 volumes, divided between the Locust Street Building and the Ridgway Branch. Its valuable collection of pamphlets is not included in the number of volumes as given above. The Library is open from 9 A. M. to 5.30 P. M. and is open to students for consultation freely during these hours. To take books from the building a deposit must be made or subscriptions will be received as follows: \$12.00 for one year, \$6.00 for six months, \$4.00 for three months.

The *Mercantile Library*, which contains about 215,000 volumes. Private subscription, \$6.00 a year for two separate works at a time.

The *Library of the Academy of Natural Sciences*, which contains about 90,000 volumes. The Council of the Academy has generously conceded the use of its library and of its museum to the students of Bryn Mawr College.

The *Library of the University of Pennsylvania*, which contains about 650,000 volumes and 50,000 pamphlets. The custodians of this library have always been liberal in extending to the College inter-library loan courtesies.

The *Free Library of Philadelphia*, which contains over 625,000 volumes and 415,000 pamphlets and unbound documents and is at all times open to the students for consultation.

The *American Philosophical Society Library*, which contains about 70,000 volumes, admission by card from a member.

The *Historical Society of Pennsylvania Library*, which contains over 150,000 bound volumes and 250,000 pamphlets is for reference only. The collection of manuscripts is one of the best in the country, comprising 7,000 volumes containing over 1,000,000 items. Every courtesy is extended to members of the college and students and members of the Faculty are specially invited to all lectures delivered at the Library.

Over six hundred publications and reviews in the English, Greek, French, Italian, Spanish, German and Swedish languages are received by the library, as follows:

General and Miscellaneous Periodicals

American Mercury.	Literary Digest.
American Review.	Living Age.
Asia.	London Mercury.
Atlantic Monthly.	Mercure de France.
Berlin. Preuss. Akademie der Wissen- schaften Sitzungsberichte.	Munich. Bayer. Akademie der Wissen- schaft. Abhandlungen und Sitzungs- berichte.
Bookman (English).	Musical Quarterly.
Book Review Digest.	Nation, N. Y.
Books Abroad.	Neue Rundschau.
Bookseller.	New Outlook.
*Bryn Mawr Alumnae Bulletin.	New Republic.
Bulletin of Bibliography.	New Statesman and Nation.
*Bulletin of the New York Public Library.	New York Times Index.
China Weekly Review.	Nineteenth Century.
Congressional Digest.	North American Review.
Contemporary Review.	Nouvelle Revue Française.
Cumulative Book Index.	Nuova Antologia.
Deutsche Rundschau.	Philadelphia Symphony Orchestra Pro- gram.
English Review.	Preussische Jahrbücher.
Foreign Affairs.	Public Affairs Information Service Bul- letin.
Foreign Policy Association Reports.	Publishers' Weekly.
Fortnightly Review.	Punch.
Forum and Century.	Quarterly Review.
Göttingen. Gesellschaft der Wissen- schaften. Abhandlungen und Nach- richten.	Reader's Guide to Periodical Literature.
Götttingische Gelehrte Anzeigen.	Review of Reviews.
Harper's Monthly Magazine.	Revista de Archivos.
Hound and Horn.	Revista de Occidente.
Illustrated London News.	Revista de la Biblioteca, Archiv y Museo.
L'Illustration.	Revue Belge de Philologie et d'Histoire.
International Index to Periodicals.	Revue Bleu.
Isis.	Revue Critique d'Histoire et de Littér- ature.
Jahresverzeichnis der an den deutschen Universitäten und Technischen Hoch- schulen erschienenen Schriften.	Revue de France.
Leipzig. Säch. Akademie der Wissen- schaften. Abhandlungen und Berichte.	Revue de Paris.
Library Journal.	Revue des Cours et Conférences.
Library Quarterly.	Revue des Deux Mondes.

* Presented by the Publishers.

Saturday Review, London.
 Saturday Review of Literature, N. Y.
 Scientia.
 Scribners Magazine.
 Sewanee Review.
 Spectator.

Theater Arts Monthly.
 *University of Missouri, Studies.
 *University of Nebraska, Studies.
 *University of Texas, Studies.
 *University of Washington, Studies.
 Yale Review.
 Zeitschrift für Ästhetik.

Newspapers

*College News, Bryn Mawr.
 El Sol.
 *Home News, Bryn Mawr
 London Times.

Le Temps.
 New York Times.
 Philadelphia Ledger.
 United States News.

Art and Archæology

Acropole.
 American Academy in Rome, Memoirs.
 American Journal of Archæology.
 American Magazine of Art.
 Die Antike.
 Antiquity.
 Archæologike Ephemeris.
 Archiv für Orientforschung.
 Archiv für Papyrusforschung.
 Archivo espanol de Arte y Arqueologia.
 Art and Archæology.
 Art Bulletin.
 Art in America.
 Art Index.
 L'Arte.
 Beaux Arts.
 Belvedere.
 Berliner Museen.
 Boletin de la Sociedad Española a Excursiones.
 British School at Athens, Annual.
 *Bulletin of the Cleveland Museum of Art.
 Bulletin of the Metropolitan Museum of Art, New York.
 *Bulletin of the Rhode Island School of Design.
 Bulletino della Commissione archeologica comunale de Roma.
 Burlington Magazine.

Cahiers d'Art.
 Capitolium.
 Chronique d'Egypte.
 Emporium.
 Gazette des Beaux Arts.
 Hesperia.
 Jahrbuch der preussischen kunstsammlungen.
 Jahrbuch des Archæologischen Institute.
 Jahreshefte des Österreichischen Archæologischen Instituts in Wien.
 Journal international d'archéologie numismatique.
 Journal of Egyptian Archæology.
 Journal of Hellenic Studies.
 Metropolitan Museum Studies.
 Mittheilungen des Deutschen Archæologischen Instituts, Athenische Abteilung und Römische Abteilung.
 Monumenti Antichi.
 Museum Journal.
 *Museum of Fine Arts Bulletin, Boston.
 Notizie degli Scavi di Anticbita.
 Parnassus.
 Revue archéologique.
 Revue de l'art.
 Syria.
 Zeitschrift des Deutschen Palastina Vereins.
 Zeitschrift für Kunstgeschichte.

Economics and Politics

- *Advocate of Peace.
- All Opinions of the U. S. Supreme Court.
- *American Association for International Conciliation, Publications.
- American City.
- American Economic Review.
- American Federationist.
- American Journal of International Law.
- American Political Science Review.
- Annalist.
- Annals of the American Academy of Political and Social Science.
- Citizens' Business.
- Columbia Law Review.
- *Congressional Record.
- Economic Journal.
- Economist, London.
- Federal Reserve Bulletin.
- Good Government.
- Great Britain, Consolidated List of Parliamentary Publications.
- Harvard Business Review.
- Harvard Law Review.
- Jahrbücher für Nationalökonomie und Statistik.
- Johns Hopkins University Studies in Historical and Political Science.
- *Journal du Droit international.
- Journal of Comparative Legislation.
- Journal of Criminal Law.
- Journal of Political Economy.
- Journal of the Royal Statistical Society.
- League of Nations Official Journal.
- League of Nations Treaty Series.
- National Municipal Review.
- Paix par le Droit.
- Political Quarterly.
- Political Science Quarterly.
- Polybiblion; Revue Bibliographique.
- Proceedings of the Academy of Political Science.
- Public Administration.
- Public Management.
- Publications of the American Economic Association.
- Quarterly Journal of Economics.
- *Revue de Droit international.
- Revue General de Droit international
- *U. S. Weekly Commerce Reports.
- Zeitschrift für National Ökonomie.
- Zeitschrift für Öffentliches Recht.

Social Economy and Social Research

- *Advance.
- *Advertising Age.
- American Child.
- American Child Health Association, Transactions.
- *American Flint.
- American Journal of Public Health.
- American Journal of Sociology.
- American Labor Legislation Review.
- American Management Association Publications.
- *Bakers' Journal.
- Better Times.
- *Bridgeman's Magazine.
- *Broom-makers' Journal.
- *Bulletin of the New York State Department of Labor.
- Bulletin of the Taylor Society.
- Business Week.
- *Carpenter.
- *Chase Economic Bulletin.
- Child Health Bulletin.
- *Cigar Makers' Journal.
- *Commercial Telegraphers' Journal.
- *Economic Review of the Soviet Union.
- *Electrical Workers' Journal.
- *Elevator Constructor.
- Eugenics Review.
- Factory.
- Family.
- *Garment Worker.
- *Granite Cutters' Journal.
- Housing.
- Human Factor.
- Independent Woman.
- Industrial Arts Index.
- Industrial Bulletin.
- Information Service.
- *International Engineer.
- International Labour Office Publications.
- International Labour Review.
- *International Musician.
- International Quarterly of Adult Education.
- *International Woodcarver.
- Journal of American Statistical Association.
- Journal of Educational Sociology.
- Journal of Heredity.
- Journal of Industrial Hygiene.
- Journal of Juvenile Research.
- Journal of Social Hygiene.
- *Journeyman Barber.
- Labor Advocate.

- *Labor Bulletin of the Massachusetts Bureau of Statistics.
 Labor News.
 Labour Magazine.
 Labour Monthly.
 Labour Record.
 *Leatherworkers' Journal.
 Life and Labor Bulletin.
 Locomotive Engineer's Journal.
 *Machinists' Monthly Journal.
 Mental Hygiene.
 *Metal Polishers' Journal.
 Ministry of Labour Gazette.
 Monthly Labor Review.
 National Consumers' League.
 National Conference of Social Work, Bulletin and Proceedings.
 New Leader.
 *Painter and Decorator.
 *Papermakers' Journal.
 *Patternmakers' Journal.
 *Paving Cutters' Journal.
 Personnel.
 *Plasterer.
 *Plumbers, Gas and Steam Fitters Journal.
 *Public Health, Michigan.
 *Quarry Workers' Journal.
 *Railroad Telegrapher.
 *Railway Carmen's Journal.
 *Railway Maintenance of Way Employees' Journal.
 Recreation.
 *Retail Clerks' International Advocate.
 Revue des Etudes Coöperative.
 Revue Internationale de Sociologie.
 *Shoeworkers' Journal.
 *Shop Review.
 Social Forces.
 Social Service Review.
 Sociological Review.
 Sociology and Social Research.
 *Specialty Salesman.
 *Stereotypers' and Electrotypers' Journal.
 Survey.
 *Tailor.
 *Teamsters', Chauffeurs', Stablemen and Helpers' Magazine.
 *Textile Worker.
 *Trade Union News.
 *Typographical Journal.
 Union Labor Record.
 *U. S. Bureau of Immigration, Publications.
 *U. S. Bureau of Labor Statistics, Bulletin.
 *U. S. Bureau of the Census, Publications
 *U. S. Children's Bureau, Publications.
 *U. S. Department of Health, Bulletin.
 *University of Illinois, Studies in Social Sciences.
 *University of Minnesota, Studies in Social Sciences.

Education and Psychology

- American Journal of Psychology.
 Année psychologique.
 Archives de Psychologie.
 Archives of Psychology.
 Archiv für die gesammte Psychologie.
 British Journal of Educational Psychology.
 British Journal of Medical Psychology.
 British Journal of Psychology.
 Bulletin de l'Institut Psychologique.
 Character and Personality.
 Child Development Abstracts.
 Comparative Psychology Monographs.
 Education.
 Education Index.
 Educational Administration.
 Educational Record.
 Elementary School Journal.
 Genetic Psychology Monographs.
 Harvard Monographs in Education.
 Industrial Education Magazine.
 Journal de Psychologie.
 Journal of Abnormal and Social Psychology.
 Journal of Applied Psychology.
 Journal of Comparative Psychology.
 Journal of Educational Psychology.
 Journal of Educational Research.
 Journal of Experimental Psychology.
 Journal of General Psychology
 Journal of Higher Education.
 Journal of Social Psychology.
 Journal of the American Association of University Women.
 National Education Association, Publications.
 National Society for the Study of Education, Yearbook.
 Neue Psychologische Studien.
 Pedagogical Seminary.
 Proceedings of the Society for Psychical Research.

Progressive Education.
 Psychological Abstracts.
 Psychological Bulletin.
 Psychological Clinic.
 Psychological Review.
 Psychological Review; Monograph Supplements.
 Psychological Review. Psychological Index.
 Psychologische Arbeiten.
 Psychologische Forschung.
 Review of Educational Research.
 Revue Internationale de l'Enseignement Supérieur.
 School and Society.

School Review.
 Supplementary Education Monographs.
 Teachers' College Contributions to Education.
 Teachers' College Record.
 U. S. Bureau of Education, Bulletin.
 University of California Publications, Education.
 Zeitschrift für angewandte Psychologie.
 Zeitschrift für pädagogische Psychologie.
 Zeitschrift für Psychologie und Physiologie der Sinnesorgane: 1. Abt., Zeitschrift für Psychologie. 2. Abt., Zeitschrift für Sinnesphysiologie.

History

American Historical Association, Reports.
 American Historical Review.
 Bulletin of the Institute of Historical Research.
 Camden Society, Publications.
 Current History.
 Economic History Review.
 English Historical Review.
 Great Britain, House of Commons, Parliamentary Debates.
 Historical Manuscripts Commission, Reports.
 Historische Vierteljahrschrift.
 Historische Zeitschrift.

History.
 *Illinois State Historical Society Journal.
 Journal of Modern History.
 Klio, Beiträge zur alten Geschichte.
 Mississippi Valley Historical Review.
 Pipe Roll Society, Publications.
 Rassegna Storica del Risorgimento.
 Révolution française.
 Revue des Questions historiques.
 Revue historique.
 Round Table.
 Royal Historical Society, Transactions.
 Selden Society, Publications.
 Surrey Record Society, Publications.

Philology and Literature, Classical

Egyptus.
 Bulletin de Correspondance hellénique.
 Classical Journal.
 Classical Philology.
 Classical Quarterly.
 Classical Review.
 Classical Weekly.
 Eranos.
 Glotta.
 Gnomon.
 Harvard Studies in Classical Philology.
 Hermes.
 Jahresbericht über die Fortschritte der klassischen Altertumswissenschaft.
 Journal of Roman Studies.

Mnemosyne.
 Neue Jahrbücher für Wissenschaft und Jugendbild.
 Philologische Wochenschrift.
 Philologus.
 Revue de Philologie.
 Revue des Études grecques.
 Rheinisches Museum für Philologie.
 Rivista di Filologia Classica.
 Sokrates.
 Studi Italiani di Filologia classica.
 Studi Storici per l'Antichità classica.
 Wiener Studien, Zeitschrift für klassische Philologie.
 Year's Work in Classical Studies.

Philology and Literature, General and Comparative

Acta Philologica Scandinavica.	Philologica.
American Journal of Philology.	Philological Quarterly.
Archiv für das Studium der neueren Sprachen.	Philological Society, London, Publications.
Arkiv for Nordisk Filologi.	Revue Celtique.
Dialect Notes.	Revue de Linguistique Romane.
Indogermanische Forschungen.	Studia Neophilologica.
Journal of English and Germanic Philology.	Studies in Philology.
Journal of Philology.	Transactions of the American Philological Association.
Medium Aevum.	Zeitschrift für romanische Philologie.
Neophilologus.	Zeitschrift für vergleichende Sprachforschung.

Philology and Literature, Modern

American Literature.	Jahrbuch des Vereins für niederdeutsche Sprachforschung
Anglia.	Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie.
Archivum Romanicum.	Language, journal.
Beiblatt zur Anglia.	L'Italia che scrive.
Beiträge zur Geschichte der deutschen Sprache und Literatur.	Literarisches Centralblatt.
Bibliographical Society of America, Publications.	Literaturblatt für germanische und romanische Philologie.
Bibliographical Society of London, Transactions.	Malone Society, Publications.
Bonner Studien zur englischen Philologie.	Materialien zur Kunde des älteren englischen Dramas.
British Society of Franciscan Studies.	Modern Language Journal.
Bulletin du Bibliophile.	Modern Language Notes.
Bulletin hispanique.	Modern Language Review.
Bulletin of Spanish Studies.	Modern Languages.
Chaucer Society Publications (both series).	Modern Philology.
Critica.	Muttersprache.
(La) Cultura.	Nouvelles Littéraires.
Deutsche Literaturzeitung.	Notes and Queries.
Deutsche Texte des Mittelalters.	Palaestra.
Early English Text Society, Publications (both series).	Poet-lore.
Englische Studien.	Praeger deutsche Studien.
English Journal.	Publications of the Modern Language Association.
Études italiennes.	Rassegna Bibliografica.
Euphorion.	Review of English Studies.
Forschungen zur neueren literaturgeschichte.	Revista de Filologia Española.
Germanic Review.	Revue des Langues Romanes.
Germanisch-romanische Monatschrift.	Revue de Linguistique romane.
Giornale Dantesco.	Revue de Litterature Comparée.
Giornale Storico della Letteratura italiana.	Revue de Philologie française.
Goethe Jahrbuch.	Revue d'Histoire Littéraire de la France.
Henry Bradshaw Society, Publications.	Revue Germanique.
Hispania.	Revue Hebdomadaire.
Jahrbuch der Deutschen Shakespeare Gesellschaft.	Revue Hispanique.
	Romania.
	Romanic Review.

Romanische Forschungen.
 Scottish Text Society, Publications.
 Société des Anciens Textes Française,
 Publications.
 Société des Textes Français Modernes,
 Publications.
 Speculum.
 Studi danteschi.
 Studi medievali.
 Studien zur englischen Philologie.

Wiener Beiträge zur englischen Philologie.
 Yale Studies in English.
 Year's Work in English Studies.
 Zeitschrift für celtische Philologie.
 Zeitschrift für Deutschkunde.
 Zeitschrift für deutsche Philologie.
 Zeitschrift für deutsches Altertum und
 deutsche Litteratur.
 Zeitschrift für französische Sprache und
 Litteratur.

Philology and Literature, Semitic

American Journal of Semitic Languages
 and Literatures.
 Jewish Quarterly Review.
 Journal of the Royal Asiatic Society.

Zeitschrift für ägyptische Sprache und
 Altertumskunde.
 Zeitschrift für Assyriologie.

Philosophy and Religion

American Friend.
 Analysis.
 Angelos.
 Anglican Theological Review.
 Annalen der Philosophie.
 Archiv für Geschichte der Philosophie.
 Archiv für Religionswissenschaft.
 Bulletin de la Société Française de Phil-
 osophie.
 Christian Faith.
 *Christian Register.
 Expository Times.
 Giornale Critico della Filosofia italiana.
 Harvard Theological Review.
 Hibbert Journal.
 International Journal of Ethics.
 Journal of Biblical Literature.
 Journal of Philosophy.
 Journal of Religion.
 Journal of Theological Studies.

Mind.
 Monist.
 Philosophical Review.
 Philosophy.
 Philosophy of Science.
 Proceedings of the Aristotelian Society.
 *Publications of the American Jewish
 Historical Society.
 Religious Education.
 Revue biblique.
 Revue d'histoire de la Philosophie
 Revue de l'histoire de Religions.
 Revue de Métaphysique.
 Revue philosophique.
 *Spirit of Missions.
 *Woman's Missionary Friend.
 Zeitschrift für Alttestamentliche Wissen-
 schaft.
 Zeitschrift für die Neutestamentliche Wis-
 senschaft.

Science, General

American Journal of Science.
 Atti della Reale Accademia delle Scienze
 di Torino.
 British Association for the Advancement
 of Science, Reports.
 Comptes Rendus des Séances de l'Aca-
 démie des Sciences.
 Journal of Scientific Instruments.
 Journal of the Washington Academy of
 Sciences.
 *Kansas University, Science Bulletin.
 Nature.
 Naturwissenschaften.
 *New York State Museum Bulletin.
 Philosophical Magazine.

Philosophical Transactions of the Royal
 Society of London, Series B.
 Proceedings of the American Philosophical
 Society.
 Proceedings of the National Academy of
 Sciences.
 Royal Society of London Proceedings,
 series A and B.
 Science.
 Scientific American.
 Scientific Monthly.
 *U. S. National Museum, Publications.
 *University of Missouri Studies, Sciences
 Series.

Science, Biology and Botany

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| <p>American Journal of Anatomy.
 American Journal of Physiology.
 American Naturalist.
 Anatomischer Anzeiger.
 Annual Review of Biochemistry.
 Archiv für die gesammte Physiologie.
 Archiv für Entwicklungsmechanik.
 Archiv für Protistenkunde.
 Biochemical Journal.
 Biochemische Zeitschrift.
 Biologisches Centralblatt
 Botanisches Centralblatt.
 Genetics.
 *Illinois Biological Monographs.
 Jahrbücher für wissenschaftliche Botanik.
 Journal de Physiologie.
 Journal of Biological Chemistry.
 Journal of Experimental Medicine.
 Journal of Experimental Zoology.
 Journal of General Physiology.
 Journal of Genetics.
 Journal of Morphology.</p> | <p>Journal of Physiology.
 Journal of the Royal Microscopical Society.
 *Midland Naturalist.
 Physiological Abstracts.
 Physiological Reviews.
 Physiological Zoology.
 Quarterly Journal of Microscopical Science.
 *U. S. Public Health Service, Publications.
 *University of California Publications, Physiology.
 *University of California Publications, Zoology.
 *University of Toronto Studies, Biological Series.
 Zeitschrift für Physiologische Chemie.
 Zeitschrift für wissenschaftliche Zoologie.
 Zeitschrift für Zellforschung und mikroskopische Anatomie.
 Zoologischer Anzeiger.</p> |
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Science, Geology and Geography

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| <p>American Association of Petroleum Geologists. Bulletin.
 American Mineralogist.
 Annales de Geographie.
 Annotated Bibliography of Economic Geology.
 Bulletin of the Geological Society of America.
 Centralblatt für Mineralogie.
 Economic Geology.
 Finlande Commission Geologique Bulletin.
 Geographical Journal.
 Geological Magazine.
 Geologisches Centralblatt.
 Geologists' Association, Proceedings.
 *Illinois Geological Survey Bulletin.
 Journal of Geology.</p> | <p>Journal of Sedimentary Petrology.
 Meteorologische Zeitschrift.
 Mineralogical Magazine.
 Mineralogische und Petrographische Mitteilungen.*
 National Geographic Magazine.
 Neues Jahrbuch für Mineralogie, Geologie und Paläontologie.
 Pan-American Geologist.
 Quarterly Journal of the Geological Society.
 Revue de Geologie.
 *U. S. Monthly Weather Review.
 *University of Toronto Studies, Geological Series.
 Zeitschrift der Deutschen Geologische Gesellschaft.</p> |
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Mathematics, Chemistry and Physics

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| <p>Acta Mathematica.
 American Journal of Mathematics.
 American Mathematical Monthly.
 Annalen der Chemie.
 Annalen der Physik.
 Annales de Chimie.
 Annales de l'Institut Henri Poincaré.
 Annales de Physique.
 Annales des Sciences de l'Université de Toulouse.</p> | <p>Annales scientifiques de l'Ecole Normale Supérieure.
 Annali di Matematica.
 Annals of Mathematics.
 Astrophysical Journal.
 Berichte der Deutschen Chemischen Gesellschaft.
 Bollettino di Matematica.
 British Chemical Abstracts.
 Bulletin de la Société Chimique de France.</p> |
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- Bulletin de la Société mathématique.
 Bulletin des Sciences mathématiques.
 Bulletin of the American Mathematical Society.
 Chemical Reviews.
 Chemisches Zentralblatt.
 Composito Mathematico.
 Ergebnisse der Mathematik.
 Faraday Society Transactions.
 Fundamenta Mathematica.
 Giornale di Matematiche.
 Helvetica Chimica Acta.
 Jahrbuch der Chemie.
 Jahresbericht der deutschen Mathematiker Vereinigung.
 Journal de Chimie physique.
 Journal de Mathématiques.
 Journal de Physique et de le Radium.
 Journal für die reine und angewandte Mathematik.
 Journal für praktische Chemie.
 Journal of Chemical Physics.
 Journal of Physical Chemistry.
 Journal of the American Chemical Society.
 Journal of the London Chemical Society.
 Journal of the London Mathematical Society.
 Journal of the Optical Society.
- Kolloidzeitschrift.
 London Mathematical Society Proceedings.
 Mathematische Annalen.
 Mathematische Zeitschrift.
 Monatshefte für Chemie.
 Physical Review.
 Physikalische Zeitschrift.
 Physikalische zeitschrift der Sowjetunion.
 Quarterly Journal of Mathematics.
 Recueil des Travaux Chimique des Pays-Bas.
 Rendiconti del Circolo Matematico di Palermo.
 Review of Scientific Instruments.
 Reviews of Modern Physics.
 Revue Semestrielle de Publications Mathématiques.
 Science Abstracts.
 Transactions of the American Mathematical Society.
 U. S. Bureau of Standards Journal of Research.
 Zeitschrift für anorganische Chemie.
 Zeitschrift für Elektrochemie.
 Zeitschrift für Physik.
 Zeitschrift für physikalische Chemie.
 Zentralblatt für Mathematik.

UNDERGRADUATE STUDENTS



UNDERGRADUATE STUDENTS

1933-1934

- ALLINSON, AGNES.....1933-34.
West Chester, Pa. Prepared by the Shipley School, Bryn Mawr.
- ANDEREGG, JEAN ELIZABETH.....*Major, French*, 1930-34.
Upper Montclair, N. J. Prepared by the Montclair High School. Junior year in France.
- ANDERSON, EDITH GOULD.....1932-34.
Brooklyn, N. Y. Prepared by Berkeley Institute, Brooklyn.
- ANDERSON, MARCIA LEE.....1933-34.
Durham, N. C. Transferred from Duke University, Durham, N. C. Alumnae Regional Scholar, 1933-34.
- ANDREWS, FRANCES WAPLES.....1933-34.
Newport, R. I. Prepared by the Ethel Walker School, Simsbury, Conn.
- ARCHBALD, MARION PRESOCIA.....1933-34.
Germantown, Philadelphia. Prepared by the Germantown Friends School.
- ARNZEN, DOROTHY LINCOLN.....1932-34.
Fall River, Mass. Prepared by the Walnut Hill School, Natick, Mass.
- ASKINS, MARY EMMET.....*Major, English*, 1932-34.
Easton, Md. Prepared by Oldfields, Glencoe, Md., and the Misses Kirk's School, Bryn Mawr. Alumnae Regional Scholar, 1932-24.
- ATKISS, RUTH ROBINSON.....1932-34.
Philadelphia. Prepared by the Philadelphia High School for Girls. Charles E. Ellis Scholar, 1932-34.
- AVERY, ALETHEA BURROUGHS.....*Major, French*, 1932-34.
Swarthmore, Pa. Prepared by the Shipley School, Bryn Mawr.
- BAKER, JOANE E.....*Major, Psychology*, 1931-34.
Narberth, Pa. Prepared by the Lower Merion Senior High School, Ardmore, Pa. Lower Merion High School Scholar, 1931-34.
- BALDWIN, HELEN ELIZABETH.....*Major, Politics*, 1930-34.
Montclair, N. J. Prepared by the Montclair High School.
- BALDWIN, JULIET CATHARINE.....1933-34.
Green Farm, Conn. Prepared by the Brearley School, New York.
- BALDWIN, ROSE GILLESPIE, JR.....1933-34.
Jacksonville, Fla. Prepared by St. Catherine's School, Richmond, Va.
- BALLARD, ELIZABETH S.....1933-34.
Hubbard Woods, Ill. Prepared by the Shipley School, Bryn Mawr.
- BARBER, JANET BARTON.....*Major, History of Art*, 1929-30; 1931-34.
Bethesda, Md. Prepared by the Madeira School, Greenway, Va. Charles S. Hinchman Memorial Scholar, 1933-34.
- BARNARD, KATHERINE ELIZABETH.....1933-34.
Pasadena, Calif. Prepared by the Ethel Walker School, Simsbury, Conn.
- BARNITZ, MARY ANNA.....*Major, Archaeology*, 1929-31; 1932-34.
Chestnut Hill, Philadelphia. Prepared by the Springside School, Chestnut Hill.
- BASSOE, ESTHER.....1932-34.
Evanston, Ill. Prepared by the Evanston Township High School. Matriculation Scholar for the Western States, 1932, and Alumnae Regional Scholar, 1932-34.
- BEACH, MARGARET RICHARDSON....*Hearer by Courtesy*, Sem. II, 1933-34.
Paoli, Pa.
- BEDINGER, MARY BUCHANAN.....1931-34.
Philadelphia, Pa. Prepared by the Baldwin School, Bryn Mawr.

- BELL, MARGARET COCHRAN.....1933-34.
Greensburg, Pa. Transferred from Westminster College, New Wilmington, Pa.
- BELL, MARJORIE ALLIS.....1933-34.
Bala-Cynwyd, Pa. Transferred from Vassar College, Poughkeepsie, N. Y.
- BELLAMY, FREDERICA EVA.....*Major, History of Art*, 1932-34.
Denver, Colo. Prepared by the Kent School for Girls, Denver.
- BENNETT, ROSANNE DUNLAP.....*Major, Geology*, 1932-34.
Wilkes-Barre, Pa. Prepared by the Greenwood School, Ruxton, Md.
- BERGSTEIN, MARJORIE LOUISE.....1932-34.
Cincinnati, Ohio. Prepared by the University School, Cincinnati.
- BEROLZHEIMER, MARGARET GELLA.....*Major, Biology*, 1931-34.
New York. Prepared by the Baldwin School, Bryn Mawr and the Fieldston School, New York.
- BERTOLET, RUTH.....*Major, Chemistry*, 1930-34.
Philadelphia. Prepared by the Philadelphia High School for Girls. Trustees' Scholar, 1930-34.
- BILL, CATHERINE ADAMS.....*Major, French*, 1931-34.
Cleveland, Ohio. Prepared by the Laurel School, Cleveland. Matriculation Scholar for the Western States, 1931; Alumnae Regional Scholar, 1931-34; Amelia Richards Memorial Scholar, 1932-33; Mary E. Stevens Scholar, 1933-34.
- BINGAY, ELIZABETH ROBERTA.....1933-34.
Perryville, Pa. Prepared by the Birmingham School, Birmingham, Pa.
- BINGHAM, ELIZABETH MARY.....1932-34.
Torresdale, Pa. Prepared by the Baldwin School, Bryn Mawr.
- BISHOP, BARBARA SWAN.....*Major, Classical Archaeology*, 1930-34.
Mt. Airy, Philadelphia. Prepared by the Springside School, Chestnut Hill, Philadelphia.
- BLAFFER, JANE STOTT.....1933-34.
Houston, Tex. Prepared by the Ethel Walker School, Simsbury, Conn.
- BLYTH, BEATRICE HAMILTON.....*Major, History*, 1931-34.
Dongan Hills, Staten Island, N. Y. Prepared by Dongan Hall, Staten Island.
- BOCK, BETTY.....1932-34.
Buffalo, N. Y. Prepared by the Buffalo Seminary. Alumnae Regional Scholar, 1932-34.
- BOWEN, LULA HOWARD.....*Major, Biology*, 1930-34.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1930-31.
- BOWIE, HELEN.....*Major, Economics*, 1930-34.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- BOYD, MARY KELLER.....*Major, French*, 1930-32; 1933-34.
Columbia, S. C. Prepared by St. Catherine's School, Richmond, Va. Junior year in France.
- BREDT, CATHERINE CORNTHWAITE.....*Major, English*, 1930-34.
West Orange, N. J. Prepared by the Shipley School, Bryn Mawr. Matriculation Scholar for Pennsylvania and the Southern States, 1930; Alumnae Regional Scholar, 1930-34; George Bates Hopkins Memorial Scholar in Music, 1931-32; Sheelah Kilroy Memorial Scholar in English, 1932-33.
- BRIDGMAN, MARION LOUISE.....*Major, Biology*, 1932-34.
New Canaan, Conn. Prepared by the Shipley School, Bryn Mawr. Sheelah Kilroy Memorial Scholar, 1933-34.
- BRIGHT, LOUISA.....1933-34.
Reading, Pa. Prepared by Springside School, Chestnut Hill, Philadelphia.
- BRIGHT, SARAH GILPIN.....1932-34.
Reading, Pa. Prepared by the Springside School, Chestnut Hill, Philadelphia.
- BROOKS, RACHEL WORTHINGTON.....1933-34.
Milton, Mass. Prepared by Milton Academy, Milton, Mass.
- BROWN, ANTOINETTE CHAPPELL.....*Major, French*, 1932-34.
Hubbard Woods, Ill. Prepared by the North Shore County Day School, Winnetka and the New Trier Township High School, Ill.

- BROWN, CAROLINE CADBURY.....*Major, History, 1932-34.*
Westtown, Pa. Prepared by the Westtown School. Matriculation Scholar for Pennsylvania and the Southern States, 1932; Foundation Scholar, 1932-34; Pennsylvania State Scholar, 1933-34.
- BROWN, CHRISTINE McLAREN.....*Major, History, 1930-34.*
Brooklyn, N. Y. Prepared by the Packer Collegiate Institute, Brooklyn.
- BROWN, HALLA.....*Major, French, 1930-32; 1933-34.*
Boston, Mass. Prepared by the Winsor School, Boston. Matriculation Scholar for the New England States, 1930. Junior year in France. Elizabeth S. Shippen Scholar in Foreign Languages, 1933-34.
- BROWN, MADELYN JOSEPHINE.....1932-34.
New York. Prepared by the Horace Mann School, New York.
- BROWN, MARY LETITIA.....1933-34.
Boston, Mass. Prepared by Westover School, Middlebury, Conn.
- BÙÈRE, HONORA.....1932-34.
New York. Prepared by the Shipley School, Bryn Mawr.
- BUCHER, NANCY LESLIE RUTHERFORD.....*Major, Chemistry, 1931-34.*
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1931-32.
- BULLITT, NORA IASIGI.....1933-34.
Louisville, Ky. Prepared by the Ethel Walker School, Simsbury, Conn.
- BURCH, JEHANNE ELLIOTT.....1933-34.
Washington, D. C. Prepared by the Madeira School, Greenway, Va.
- BUTLER, BEATRICE.....*Major, Mathematics, 1930-34.*
Boston, Mass. Prepared by the May School, Boston.
- CANADAY, DOREEN DAMARIS.....1932-34.
Toledo, Ohio. Prepared by Dongan Hall, Dongan Hills, Staten Island.
- CARPENTER, MARY DOUGLAS.....*Major, French, 1930-34.*
St. Louis, Mo. Prepared by the John Burroughs School, St. Louis and the Baldwin School, Bryn Mawr.
- CARTER, FRANCES.....*Major, Economics, 1930-34.*
Washington, D. C. Prepared by the Holton-Arms School, Washington.
- CARY, BARBARA LLOYD.....1932-34.
Mt. Airy, Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.
- CHAMBERLAYNE, ELIZABETH MANN.....*Major, Classical Archaeology, 1931-34.*
Richmond, Va. Prepared by St. Catherine's School, Richmond. Alumnae Regional Scholar, 1931-32; Sheelah Kilroy Memorial Scholar in English, 1932-33.
- CHAPMAN, MARIAN CLAIRE.....*Major, Psychology, 1932-34.*
Aurora, Ohio. Prepared by the Laurel School, Cleveland, Ohio.
- CHAPPELL, LORETTO LAMAR.....*Major, History, 1929-34.*
Columbus, Ga. Prepared by the Baldwin School, Bryn Mawr.
- CHARLTON, MARY ELIZABETH.....*Major, French, 1930-32; 1933-34.*
Proctorsville, Vt. Prepared by the National Cathedral School, Washington, D. C. Junior year in France.
- CHENEY, ELEANOR FAVILL.....*Major, Psychology, 1931-34.*
Winnetka, Ill. Prepared by the North Shore Country Day School, Winnetka.
- CHURCH, GABRIEL BROOKE.....*Major, Greek, 1930-34.*
Westport, Conn. Prepared by the Hillside School, Norwalk, Conn.
- CLUETT, FLORENCE.....*Major, History, 1931-34.*
Williamstown, Mass. Prepared by the Ethel Walker School, Simsbury, Conn.
- COHEN, ALICE HAGEDORN.....1932-34.
Pittsburgh, Pa. Prepared by the Winchester School, Pittsburgh. Maria Hopper Sophomore Scholar, 1933-34.
- COLBRON, BARBARA.....1933-34.
New Canaan, Conn. Prepared by the Madeira School, Greenway, Va.
- COLE, DOROTHY CORNELIA.....1933-34.
Cleveland, Ohio. Transferred from Swarthmore College, Swarthmore, Pa.

- COLE, MARGARET BURNS.....*Major, Latin*, 1931-34.
Philadelphia. Prepared by the Philadelphia High School for Girls. Trustees' Scholar, 1932-33.
- COLEGROVE, MARY JEANNETTE.....1932-34.
Corry, Pa. Prepared by the Corry High School and the Misses Kirk's School, Bryn Mawr.
- COLEMAN, CONSTANCE.....*Major, Latin*, 1930-34.
South Hingham, Mass. Prepared by the Hingham High School and Thayer Academy, South Braintree, Mass.
- COLIE, ELIZABETH SOPHIA.....*Major, History*, 1931-34.
South Orange, N. J. Prepared by the Columbia High School, South Orange.
- COLWELL, LOUISE SHERMAN.....1933-34.
Cynwyd, Pa. Prepared by Friends' Central School, Overbrook, Pa.
- COOKE, MARY WARNER.....*Major, Politics*, 1930-34.
Washington, D. C. Prepared by the National Cathedral School, Washington.
- COOKE, VIRGINIA PARKER.....*Major, History*, 1931-34.
Washington, D. C. Prepared by Rosemary Hall, Greenwich, Conn.
- COPE, SARAH PERKINS.....*Major, History*, 1931-34.
Mt. Airy, Philadelphia. Prepared by the Germantown Friends' School, Philadelphia.
- CORLISS, HELEN BALL.....*Major, Philosophy*, 1930-34.
Philadelphia. Prepared by the West Philadelphia High School and the Misses Kirk's School, Bryn Mawr. Book Shop Scholar, 1931-33.
- CORNISH, MIRIAM.....*Major, Politics*, 1930-34.
Little Rock, Ark. Prepared by the Little Rock High School and the Misses Kirk's School, Bryn Mawr.
- COTTON, HELEN ELIZABETH.....1933-34.
Jamaica Plain, Mass. Prepared by the Winsor School, Boston, Mass. Alumnae Regional Scholar, 1933-34.
- COUGHLIN, LENCHEN VERNER.....*Major, Economics*, 1930-34.
Wilkes-Barre, Pa. Prepared by the Wilkes-Barre Institute.
- COXE, MARIA MIDDLETON.....*Major, English*, 1930-34.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia. Sheelah Kilroy Memorial Scholar in English, 1933-34.
- CRENSHAW, ANNA CRAWFORD.....1932-34.
Huntington, W. Va. Prepared by the Huntington High School and the Misses Kirk's School, Bryn Mawr.
- CULBERTSON, JUNIA WILHELMINA.....*Major, Economics*, 1930-34.
Washington, D. C. Prepared by Santiago College, Santiago, Chile, and the Madeira School, Greenway, Va.
- CULBERTSON, MARGARET JANE.....*Major, French*, 1932-34.
Washington, D. C. Prepared by the Madeira School, Greenway, Va., Holton-Arms School, Washington and Santiago College, Santiago, Chile.
- DANIELS, SUSAN.....*Major, Psychology*, 1930-34.
Forest Hills, L. I., N. Y. Prepared by the Shipley School, Bryn Mawr.
- DANNENBAUM, MARGARET GIMBEL.....*Major, Latin*, 1930-34.
Oak Lane, Philadelphia. Prepared by the Oak Lane Country Day School.
- DAVIS, ELIZABETH LOUISE.....1933-34.
Port Huron, Mich. Prepared by the Baldwin School, Bryn Mawr.
- DAVIS, EMILY LOUISE.....*Major, History*, 1930-34.
New York. Prepared by the Fieldston School, New York. Alumnae Regional Scholar, 1930-32.
- DAVIS, ROSE GODDARD.....1932-34.
Cheshire, Conn. Prepared by the New Haven, Conn., High School. Frances Marion Simpson Scholar, 1932-34.
- DAVY, RUTH JOSEPHINE.....*Major, Politics*, 1931-34.
Princess Anne, Md. Prepared by the Bryn Mawr School, Baltimore.

- DETWILER, ALVA.....*Major, German*, 1930-34.
Philadelphia. Prepared by the Philadelphia High School for Girls. Trustees' Scholar,
1930-34. Thomas H. Powers Memorial Scholar and Elizabeth S. Shippen Scholar
in Foreign Languages, 1933-34.
- DE VARON, ANITA AURORA.....*Major, History of Art*, 1930-34.
Boston, Mass. Prepared by the Girls' Latin School, Boston. Special Alumnae Regional
Scholar, 1930-31; Alumnae Regional Scholar, 1931-34.
- DICKEY, LOUISE ATHERTON.....1933-34.
Oxford, Pa. Prepared by the Misses Kirk's School, Bryn Mawr. Alumnae Regional Scholar,
1933-34.
- DIEHL, JANET VIRGINIA.....1933-34.
Baltimore, Md. Prepared by the Roland Park Country School, Baltimore, Md.
- DOCKER, KATHRYN SWAIN.....1932-34.
Germantown, Philadelphia. Prepared by the Germantown High School. Philadelphia
City Scholar, 1932-33.
- DORSEY, VIRGINIA.....1933-34.
Germantown, Philadelphia. Prepared by the Germantown High School. Frances Marion
Simpson Scholar, 1933-34.
- DUANY, CARMEN.....*Major, Economics*, 1930-34.
New York. Prepared by the Nightingale-Bamford School, New York.
- DUBSKY, PHYLLIS ANNE.....1933-34.
Kenilworth, Ill. Prepared by the Harris School, Chicago.
- DUNCAN, BARBARA CAMPBELL.....1933-34.
Columbus, Ohio. Prepared by the Columbus School for Girls.
- EATON, ELIZABETH ANNE.....*Major, History*, 1931-34.
Northfield, Ohio. Prepared by the Hathaway-Brown School, Cleveland.
- EDDY, MARY-LOUISE.....1933-34.
West Newton, Mass. Prepared by the Brimmer School, Boston.
- EDWARDS, ANNE BOWEN.....1933-34.
McDonogh, Md. Prepared by the Bryn Mawr School, Baltimore, Md. Alumnae Regional
Scholar, 1933-34.
- EDWARDS, ELIZABETH MARGERY...*Major, Classical Archaeology*, 1931-34.
West Roxbury, Mass. Prepared by the Girls' Latin School, Boston. Book Shop Scholar,
1932-33; Alumnae Regional Scholar, 1931-34.
- EVANS, SYLVIA HATHAWAY, JR.....1933-34.
Germantown, Philadelphia. Prepared by the Germantown Friends' School.
- FABYAN, ELEANOR BROOKS.....1932-34.
Boston, Mass. Prepared by the Winsor School, Boston.
- FAETH, BETTY.....*Major, Biology*, 1931-34.
Kansas City, Mo. Prepared by the Sunset Hill School, Kansas City.
- FAIN, ELIZABETH.....*Major, French*, 1930-32; 1933-34.
Greenwich, Conn. Prepared by the Shipley School, Bryn Mawr. Junior year in France.
- FAIRBANK, LUCY FITZHUGH.....*Major, History*, 1931-34.
Chicago, Ill. Prepared by Miss Wright's School, Bryn Mawr.
- FAIRCHILD, EDITH HANSEN.....*Major, German*, 1932-34.
Milwaukee, Wis. Prepared by the Milwaukee-Downer Seminary, Milwaukee and the
Shipley School, Bryn Mawr.
- FAWCETT, LUCILLE.....1933-34.
Brooklyn, N. Y. Prepared by Rosemary Hall, Greenwich, Conn.
- FERGUS, LUCENE MARGUERITE.....*Sem. I*, 1933-34.
Searsdale, N. Y. Prepared by Miss Beard's School, Orange, N. J.
- FERRER, MARIE IRENE.....1933-34.
New York. Prepared by the Convent of the Sacred Heart, New York.
- FISHER, HELEN FRANCES.....1933-34.
Salt Lake City, Utah. Prepared by Rowland Hall, Salt Lake City. Amy Sussman
Steinhart Scholar, 1933-34.
- FLACH, JEAN RENDIGS.....1933-34.
Cincinnati, Ohio. Prepared by Walnut Hills High School, Cincinnati, Ohio. Louise
Hyman Pollak Scholar, 1933-34.

- FLANDERS, HELEN SAMPSON.....1933-34.
New York. Prepared by the Nightingale-Bamford School, New York.
- FLANDERS, SARAH ELIZABETH.....*Major, Biology*, 1931-34.
New York. Prepared by the Nightingale-Bamford School, New York.
- FORBES, AMELIA.....1933-34.
Milton, Mass. Prepared by Milton Academy, Milton, Mass.
- FOUILHOUX, ANITA CLARK.....*Major, Economics and Politics*, 1930-34.
Short Hills, N. J. Prepared by the Kent Place School, Summit, N. J.
- FOX, KATHERINE LOUISE.....*Major, Economics*, 1930-34.
Philadelphia. Prepared by Friends' Central School, Overbrook, Pa.
- FRANCHOT, GERTRUDE VAN VRANKEN.....*Major, English*, 1931-34.
Boston, Mass. Prepared by the Park School of Buffalo and Miss Lee's School, Boston.
Evelyn Hunt Scholar, 1932-33. Anna Hallowell Memorial Scholar and Sheelah Kilroy
Memorial Scholar in English, 1933-34.
- FRASER, SARAH.....*Major, Geology*, 1930-34.
Morristown, N. J. Prepared by the Brearley School, New York. Elizabeth S. Shippen
Scholar in Science, 1933-34.
- FULTON, LILLIAN JANE.....1933-34.
Pittsburgh, Pa. Prepared by Peabody High School, Pittsburgh. Frances Marion
Simpson Scholar, 1933-34.
- FULTZ, SARAH ANN.....1933-34.
Ardmore, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.
- FURNESS, ADELINE FASSITT.....*Major, Geology*, 1931-34.
Washington, D. C. Prepared by the Holton-Arms School, Washington.
- GAMBLE, MARIAN ELIZABETH.....1933-34.
Philadelphia. Prepared by the West Philadelphia High School. Trustees' Scholar,
1933-34.
- GARDNER, JULIA GOODALL.....*Major, History of Art*, 1930-34.
Brookline, Mass. Prepared by the Winsor School, Boston, Mass.
- GATESON, MARIANNE AUGUSTA.....*Major, English*, 1930-34.
Philadelphia, Pa. Prepared by the Bethlehem High School. Alumnae Regional Scholar,
1930-34; Mary Anna Longstreth Scholar, 1931-32; Sheelah Kilroy Memorial Scholar in
English, 1933-34.
- GILL, HELEN GERTRUDE.....*Major, French*, 1930-32; 1933-34.
Glence, Ill. Prepared by Ferry Hall, Ill. and the Baldwin School, Bryn Mawr. Junior
year in France.
- GIMBEL, HOPE ALVA.....1933-34.
Port Chester, N. Y. Prepared by Rosemary Hall, Greenwich, Conn.
- GLANCY, ETHEL ARNOLD.....*Major, Biology*, 1931-34.
Brookline, Pa. Prepared by the Haverford Township High School, Brookline. Pennsyl-
vania State Scholar, 1931-34; Professor James Leuba Scholar, 1933-34.
- GOLDMAN, MILDRED VIVIAN.....*Major, Chemistry*, 1932-34.
Harrisburg, Pa. Prepared by the William Penn High School, Harrisburg.
- GOLDWASSER, BETTI CAROLYN.....*Major, Economics*, 1930-34.
New York. Prepared by the Fieldston School, New York. Alumnae Regional Scholar,
1930-34; Maria Hopper Sophomore Scholar, 1931-32.
- GOLDWASSER, MARJORIE A.....*Major, Psychology*, 1932-34.
New York. Prepared by the Horace Mann School, New York.
- GOODHART, PHYLLIS WALTER.....*Major, Latin*, 1931-34.
Overbrook, Pa. Prepared by the Brearley School, New York. Matriculation Scholar for
New York, New Jersey and Delaware, 1931.
- GRANT, CLARA FRANCES.....*Major, History*, 1930-34.
Washington, D. C. Prepared by the Shipley School, Bryn Mawr.
- GRATWICK, LISA.....1933-34.
Buffalo, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn.
- GRAVES, ALICE MARY.....1933-34.
Kansas City, Mo. Prepared by the Southwest High School, Kansas City.

- GREENWALD, BEATRICE.....*Major, Chemistry, 1932-34.*
Brooklyn, N. Y. Prepared by the Erasmus Hall High School, Brooklyn.
- GRIBBEL, KATHARINE LATTA.....*Major, French, 1930-34.*
Chestnut Hill, Philadelphia. Prepared by the Springside School, Chestnut Hill and the Misses Kirk's School, Bryn Mawr.
- HAAS, MADGE NATHAN.....1933-34.
Mt. Kisco, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn.
- HALSEY, AGNES DURANT.....*Major, Economics, 1932-34.*
New York. Prepared by the Brearley School, New York.
- HALSTEAD, MARGARET.....*Major, History, 1932-34.*
Goshen, N. Y. Prepared by the Shipley School, Bryn Mawr.
- HALSTEAD, SUZANNE.....*Major, Classical Archaeology, 1930-34.*
New York. Prepared by the Hillside School, Norwalk, Conn. Special Alumnae Regional Scholar, 1930-31; Alumnae Regional Scholar, 1931-32; Sheelah Kilroy Memorial Scholar in English, 1931-32; Amelia Richards Memorial Scholar, 1932-34.
- HAM, JOSEPHINE BOND.....1933-34.
St. Davids, Pa. Prepared by Radnor Township High School, Wayne, Pa. Radnor High School Scholar, 1933-34.
- HAMILTON, ALICE RAMSEY.....1933-34.
Augusta, Ga. Transferred from Randolph Macon Woman's College, Lynchburg, Va.
- HANNAN, JANET ELIZABETH.....*Major, History, 1930-34.*
Albany, N. Y. Prepared by the Albany Academy for Girls. Matriculation Scholar for New York, New Jersey and Delaware, 1930; Alumnae Regional Scholar, 1930-34; Sheelah Kilroy Memorial Scholar in English, 1931-32.
- HANSELL, EVELYN EGEE CREAMER.....1932-34.
Narberth, Pa. Prepared by the Lower Merion Senior High School, Ardmore, Pa.
- HARDENBERGH, ESTHER.....1933-34.
Minneapolis, Minn. Prepared by Northrop Collegiate School, Minneapolis.
- HARRINGTON, ELIZABETH.....1932-34.
Whitemarsh, Pa. Prepared by the Germantown Friends' School, Philadelphia.
- HART, ELLEN NANCY.....*Major, History, 1930-34.*
Bloomfield, N. J. Prepared by the Bloomfield High School. Elizabeth Duane Gillespie Scholar in American History, 1933-34.
- HARVEY, HELEN BRANDEBURY.....1933-34.
Huntington, W. Va. Prepared by the Columbus School for Girls, Columbus, Ohio. Alumnae Regional Scholar, 1933-34.
- HARWOOD, MARY REED.....1933-34.
Brookline, Mass. Prepared by the Winsor School, Boston, Mass.
- HASKELL, MARGARET LOUISE.....*Major, French, 1930-32; 1933-34.*
Chestnut Hill, Mass. Prepared by the Brimmer School, Boston, Mass. Junior year in France.
- HAWKS, ANNE GOODRICH.....*Major, History, 1931-34.*
Summit, N. J. Prepared by the Kent Place School, Summit. Alumnae Regional Scholar, 1931-34.
- HEISKELL, JOSEPHINE ROYSTON.....1932-34.
Little Rock, Ark. Prepared by the Shipley School, Bryn Mawr.
- HEMPHILL, LYDIA CORNWELL.....*Major, History of Art, 1931-34.*
West Chester, Pa. Prepared by the Baldwin School, Bryn Mawr.
- HEMPHILL, SOPHIE DONALDSON.....1933-34.
West Chester, Pa. Prepared by the Baldwin School, Bryn Mawr. John Tyndale Philadelphia Scholar, 1933-34.
- HEMSATH, MARY ELIZABETH.....1932-34.
Mt. Airy, Philadelphia. Prepared by the Germantown High School, Philadelphia. Trustees' Scholar, 1932-34.
- HIRONS, CORNELIA POST.....*Major, Chemistry, 1930-34.*
New York. Prepared by Rosemary Hall, Greenwich, Conn. and the Spence School, New York.

- HIRSCHBERG, GRACE.....1932-34.
Glencoe, Ill. Prepared by the New Trier Township High School, Ill.
- HOLLANDER, BERTHA HUTZLER.....1932-34.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- HOLLOWAY, ANNE CASSEL.....*Major, French*, 1931-34.
Chevy Chase, Md. Prepared by the Madeira School, Greenway, Va.
- HOLZWORTH, ELIZABETH.....1933-34.
Port Chester, N. Y. Prepared by Greenwich Academy, Greenwich, Conn.
- HOLZWORTH, JEAN.....1932-34.
Port Chester, N. Y. Prepared by Greenwich Academy, Greenwich, Conn. Matriculation Scholar for the New England States, 1932.
- HONOUR, MARGARET CECELIA.....1932-34.
East Orange, N. J. Prepared by the East Orange High School. Alumnae Regional Scholar, 1932-34.
- HOOD, DOROTHY BLAKE.....1933-34.
Philadelphia. Prepared by Overbrook High School, Overbrook, Pa. Trustees' Scholar, 1933-34.
- HOPE, MARIAN TALCOTT.....*Major, History*, 1930-34.
New York. Prepared by the Ethel Walker School, Simsbury, Conn.
- HOPKINSON, JOAN.....*Major, History*, 1931-34.
Manchester, Mass. Prepared by the Winsor School, Boston.
- HORSBURGH, JANET COURTNEY.....1932-34.
Cleveland, Ohio. Prepared by the Hathaway-Brown School, Cleveland.
- HOUCK, MARGARET HETHERINGTON.....1933-34.
Schenectady, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn.
- HOWARD, ALBERTA ANNE.....*Major, Chemistry*, 1932-34.
Bellevue, Pa. Transferred from Wellesley College, Wellesley, Mass.
- HOWE, PRISCILLA.....*Major, Politics*, 1931-34.
Fulton, N. Y. Prepared by the Fulton High School and the Shipley School, Bryn Mawr.
- HOYT, ELIZABETH OUELLETTE.....1933-34.
Baltimore, Md. Prepared by Roland Park Country School, Baltimore.
- HOYT, ROSALIE CHASE.....1932-33; Sem. I, 1933-34.
Brentwood, L. I., N. Y. Prepared by Miss Chapin's School, Ltd., New York.
- HUEBNER, ETHEL ELIZABETH.....1933-34.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- HUNT, SOPHIE LEE.....1932-34.
Kendal Green, Mass. Prepared by Concord Academy, Concord, Mass. Alumnae Regional Scholar, 1932-34; Constance Lewis Memorial Scholar, 1933-34.
- HUNTER, PENELOPE ENGELBERT.....1933-34.
New York. Prepared by the Brearley School, New York. Ann Dunn Scholar, 1933-34.
- HURD, LAURA.....*Major, Psychology*, 1930-34.
Essex Falls, N. J. Prepared by the Kimberley School, Montclair, N. J. and the Mary C. Wheeler School, Providence, R. I.
- HUTCHINGS, MARY HINCKLEY.....1933-34.
Boston, Mass. Prepared by the Winsor School, Boston, Mass.
- INGBER, SELMA.....1933-34.
Philadelphia. Prepared by Overbrook High School, Overbrook, Pa.
- INGLIS, JEAN.....1932-34.
S. Euclid, Ohio. Prepared by the Laurel School, Cleveland.
- JACKSON, MARGARET GRACIE.....1933-34.
Dover, Mass. Prepared by the Winsor School, Boston, Mass.
- JACOBY, KATHRYN MOSS.....1933-34.
New York. Prepared by Hunter College High School, New York.
- JAMES, ROSELLA.....*Major, Biology*, 1931-34.
Philadelphia, Pa. Prepared by the Frankford High School, Philadelphia.

- JARRETT, OLIVIA HEATHER.....*Major, French*, 1930-34.
Princeton, N. J. Prepared by the Greenwood School, Ruxton, Md.
- JOHNSON, EMILY WILLIAMSON.....1933-34.
Indian Head, Md. Prepared by the Misses Kirk's School, Bryn Mawr.
- JONES, FRANCES FOLLIN.....*Major, Classical Archaeology*, 1930-34.
New York. Prepared by the Friends' Seminary, New York.
- JONES, MARY BEIRNE.....1933-34.
Staunton, Va. Prepared by Gunston Hall, Washington, D. C.
- JONES, MARY PAULINE.....*Major, French*, 1931-34.
Scranton, Pa. Prepared by the Central High School, Scranton. Scranton College Club Scholar, 1931-32; Alumnae Regional Scholar, 1931-34; Pennsylvania State Scholar, 1931-34; Maria Hopper Sophomore Scholar, 1932-33; Evelyn Hunt Scholar, 1933-34.
- JONES, SALLIE.....*Major, History*, 1930-34.
Granville, Ohio. Prepared by Rosemary Hall, Greenwich, Conn.
- JUSSEN, VIRGINIA MARIE.....1933-34.
Cincinnati, Ohio. Prepared by the Withrow High School, Cincinnati.
- KALBACH, DOROTHY LOUISE.....*Major, Psychology*, 1930-34.
Reading, Pa. Prepared by the Reading High School.
- KASSEBAUM, ELIZABETH.....1932-34.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1932-33.
- KELLOGG, HELEN STEWART.....*Major, French*, 1932-34.
Schenectady, N. Y. Prepared by the Brown School, Schenectady and Rosemary Hall, Greenwich, Conn.
- KENT, ELIZABETH.....1931-34.
Brookline, Mass. Prepared by the Winsor School, Boston. Maria Hopper Sophomore Scholar, 1932-33; Cary Page Memorial Scholar, 1933-34.
- KIBBEY, JULIET BECKFORD.....*Major, Mathematics*, 1931-34.
Sonora, Mexico. Prepared by the Bishop's School, La Jolla, Calif.
- KIDDER, MARGARET SLOAN.....1932-34.
New York. Prepared by the Brearley School, New York.
- KIMBALL, MILDRED MONTAGUE.....*Major, History of Art*, 1932-34.
Chattanooga, Tenn. Prepared by the Shipley School, Bryn Mawr.
- KIMBERLY, LUCY HUXLEY.....1933-34.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr School Scholar, 1933-34.
- KING, ALICE GORE.....1933-34.
New York. Prepared by the Brearley School, New York.
- KNAPP, ANNA ALLEN.....*Major, History*, 1929-31; 1932-34.
Rye, N. Y. Prepared by the Shipley School, Bryn Mawr.
- KNISKERN, KATHARINE SELDEN.....1933-34.
Petersburg, Va. Prepared by St. Catherine's School, Richmond, Va.
- KREMER, ANNE ELLIOTT.....1933-34.
Hartford, Conn. Prepared by the Oxford School, Hartford, Conn.
- LACY, MARGARET ROBINSON.....1933-34.
Dubuque, Iowa. Prepared by St. Katharine's School, Dubuque, Iowa. Alumnae Regional Scholar, 1933-34.
- LAIRD, MARGARET ELIZABETH.....*Major, Chemistry*, 1931-34.
Pittsburgh, Pa. Prepared by the Thurston Preparatory School, Pittsburgh.
- LAMSON, JEAN ATHONTON.....1933-34.
Winnetka, Ill. Prepared by the Ethel Walker School, Simsbury, Conn.
- LANDRETH, LOUISE SWAIN.....*Major, Latin*, 1930-34.
Bristol, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- LARNED, EMMA ELIZABETH.....1933-34.
Dongan Hills, S. I., N. Y. Prepared by Wykeham Rise, Washington, Conn.

- LAUDENBERGER, MARY ELIZABETH.....*Major, Mathematics*, 1930-34.
Phillipsburg, N. J. Prepared by the Phillipsburg High School. Maria Hopper Sophomore
Scholar, 1931-32. Book Shop Scholar, 1932-33; Frances Marion Simpson Scholar,
1933-34.
- LAUTZ, VIRGINIA HALL.....1933-34.
Evanston, Ill. Prepared by Kemper Hall, Kenosha, Wis.
- LEE, MARJORIE ELIZABETH.....*Major, English*, 1930-34.
West Chester, Pa. Prepared by the Shipley School, Bryn Mawr. Mary Anna Longstreth
Memorial Scholar, 1932-33.
- LEFFERTS, ISABELLA MACOMB.....1932-34.
New York. Prepared by Miss Chapin's School, Ltd., New York. Matriculation Scholar
for New York, New Jersey and Delaware, 1932.
- LEVI, RUTH.....1933-34.
Buffalo, N. Y. Prepared by the Buffalo Seminary.
- LEVIN, EVA LEAH.....*Major, Biology*, 1929-30; 1931-34.
Baltimore, Md. Prepared by the Forest Park High School, Baltimore. Alumnae Regional
Scholar, 1929-30; 1931-32; Elizabeth S. Shippen Scholar in Science, 1933-34.
- LEWIS, BARBARA.....*Major, Chemistry*, 1931-34.
New York. Prepared by the Brearley School, New York.
- LEWIS, MARY DEWHURST.....1933-34.
Hubbard Woods, Ill. Prepared by North Shore Country Day School, Winnetka, Ill.
- LITTLE, BETTY CLARK.....*Major, English*, 1931-34.
Griffin, Ga. Prepared by the Madeira School, Greenway, Va. Matriculation Scholar
for Pennsylvania and the Southern States, 1931.
- LITTLE, CATHERINE.....*Major, Economics*, 1931-34.
Boston, Mass. Prepared by the Winsor School, Boston.
- LITTLE, MYRA WILSON.....*Major, French*, 1929-31; 1933-34.
Evanston, Ill. Prepared by Roycemore School, Evanston and Les Fougères, Lausanne,
Switzerland. Junior Year in France.
- LIVINGSTON, MARY.....1933-34.
Washington, D. C. Prepared by the National Cathedral School, Washington, D. C.
- LOYD, MARY ELIZABETH.....1933-34.
Hazleton, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.
- LORD, ELIZABETH.....*Major, English*, 1931-34.
Peoria, Ill. Prepared by the King-Smith Studio School, Washington, D. C. and Kemper
Hall, Kenosha, Wis.
- LORD, MARJORIE WILLIAMS.....1933-34.
Clark's Summit, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.
- LUKENS, ANNE BROCKIE.....*Major, History of Art*, 1931-34.
Conshohocken, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- LYLE, ELIZABETH DUNCAN.....1933-34.
Gloucester, Mass. Prepared by the Gloucester High School, Gloucester. Alumnae
Regional Scholar, 1933-34.
- MACCURDY, NORA.....*Major, Geology*, 1931-34.
Pasadena, Calif. Prepared by the Bishop's School, La Jolla, Calif.
- MACKENZIE, ELIZABETH MURRAY.....*Major, English*, 1930-34.
Princeton, N. J. Prepared by the Allegheny High School, Pittsburgh. Alumnae Regional
Scholar, 1930-33; James E. Rhoads Sophomore Scholar, 1931-32; James E. Rhoads
Scholar and Sheelah Kilroy Memorial Scholar in English, 1932-33; Maria L. Eastman
Brooke Hall Memorial Scholar and Charles S. Hinchman Memorial Scholar, 1933-34.
- MACOMBER, JEANNE.....1933-34.
Squantum, Mass. Prepared by the Senior High School, Quincy, Mass.
- MANSEL, ELIZABETH HAMMOND.....1932-34.
Williamsport, Pa. Prepared by the National Cathedral School, Washington, D. C.
- MANSHIP, PAULINE FRANCES HOWARD.....1932-34.
New York. Prepared by the Brearley School, New York. Alumnae Regional Scholar,
1932-34.

- MARBURY, ANNE TASKER OGLE.....1933-34.
Laurel, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- MAREAN, LOIS.....1933-34.
Cambridge, Mass. Prepared by the Winsor School, Boston, Mass.
- MARSH, MARGARET.....*Major, History*, 1930-34.
Southport, Conn. Prepared by the Ethel Walker School, Simsbury, Conn.
- MARTIN, ALICE FRANCES.....1933-34.
Bala-Cynwyd, Pa. Prepared by the Lower Merion High School, Ardmore, Pa. Lower Merion High School Scholar, 1933-34.
- MATHER, ELIZABETH DAVIE.....*Major, English*, 1931-34.
Chicago, Ill. Prepared by the Baldwin School, Bryn Mawr.
- MATTESON, JANE SHERRERD.....*Major, Geology*, 1932-34.
Providence, R. I. Prepared by the Mary C. Wheeler School, Providence.
- MAURY, KATHERINE EMERY.....1933-34.
Memphis, Tenn. Prepared by Miss Hutchinson's School, Memphis.
- MAY, JANE HOPKINSON.....*Major, History*, 1931-34.
Baltimore, Md. Prepared by the Roland Park Country School, Baltimore.
- McCLATCHY, KATHERINE MARY.....1933-34.
Bala, Pa. Transferred from Radcliffe College, Cambridge, Mass.
- McCORMICK, CATHERINE CHRISTINE.....*Major, History*, 1931-34.
Harrisburg, Pa. Prepared by the Seiler School, Harrisburg.
- McCORMICK, LOUISE.....*Major, Classical Archaeology*, 1930-34.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- McELDOWNEY, HELEN.....*Major, Latin*, 1931-34.
Philadelphia, Pa. Prepared by Friends' Select School, Philadelphia.
- McIVER, CORA LOUISE.....*Major, French*, 1930-34.
Washington, D. C. Prepared by the Holton-Arms School, Washington.
- MEAD, ELIZABETH LADD . . .*Major, Economics*, 1929-33; Sem. II, 1933-34.
New York. Prepared by the Brearley School, New York.
- MEEHAN, GRACE WICKHAM.....*Major, History*, 1930-34.
New York. Prepared by the Academy of the Sacred Heart, New York and Kent Place School, Summit, N. J.
- MEIRS, ELIZABETH WALN, 3RD.....*Major, History*, 1931-34.
New Egypt, N. J. Prepared by St. Mary's Hall, Burlington, N. J.
- MENEELY, ELIZABETH LOUISE.....*Major, Mathematics*, 1930-34.
Troy, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn. George Bates Hopkins Memorial Scholar in Music, 1931-33; Anna M. Powers Memorial Scholar, 1933-34.
- MERCHANT, BARBARA.....1932-34.
Gloucester, Mass. Prepared by the Gloucester High School. Alumnae Regional Scholar, 1933-34.
- MEYER, MARY.....1933-34.
Huntington, L. I., N. Y. Prepared by St. Timothy's School, Catonsville, Md.
- MILES, SARA BACHE.....*Major, Psychology*, 1930-34.
Baltimore, Md. Prepared by the Roland Park Country Day School, Baltimore.
- MITCHELL, HARRIET JEAN.....*Major, Chemistry*, 1930-34.
Duluth, Minn. Prepared by the Duluth Central High School and the Misses Kirk's School, Bryn Mawr. Mary E. Stevens Scholar, 1932-33; Amelia Richards Memorial Scholar, 1933-34.
- MITCHELL, MARION GARDINER.....*Major, History*, 1930-34.
Rock Island, Ill. Prepared by Rosemary Hall, Greenwich, Conn. Elizabeth Duane Gillespie Scholar in American History and Evelyn Hunt Scholar, 1933-34.
- MONROE, ELIZABETH.....*Major, Mathematics*, 1931-34.
Rye, N. Y. Prepared by Concord Academy, Concord, Mass.
- MORGAN, DIANA SPOFFORD.....*Major, History*, 1931-32, 1933-34.
New York. Prepared by the Brearley School, New York.

- MORGAN, MARYALLIS.....1932-34.
Wyncote, Pa. Prepared by the Germantown Friends' School, Philadelphia.
- MORLEY, ESTHER HEALY.....*Major, Mathematics*, 1932-34.
Cleveland, Ohio. Prepared by the Laurel School, Cleveland.
- MORRISON, JEANNETTE.....*Major, History*, 1931-34.
Quincy, Mass. Prepared by Thayer Academy, S. Braintree, Mass. Alumnae Regional Scholar, 1931-32.
- MORROW, ELIZABETH MARGARET.....*Major, French*, 1931-34.
Caldwell, N. J. Prepared by the Grover Cleveland High School, Caldwell. Alumnae Regional Scholar, 1931-34.
- MORSE, SUSAN HALLOWELL.....*Major, History of Art*, 1931-34.
Weston, Mass. Prepared by the Winsor School, Boston.
- MULLER, OLGA.....1933-34.
Flushing, N. Y. Prepared by St. Agatha's, New York.
- MUSSER, LAURA MARION.....1933-34.
Akron, Ohio. Prepared by Rosemary Hall, Greenwich, Conn.
- NAKAMURA, SHIZU.....*Major, Mathematics*, 1931-34.
Tokyo, Japan. Prepared by Tsuda College, Japan, and the Misses Kirk's School, Bryn Mawr. The Misses Kirk's Scholar, 1931-32; Japanese Scholar, 1931-34.
- NELSON, DOROTHY HAVILAND.....*Major, Latin*, 1930-34.
San Francisco, Calif. Prepared by the Katharine Branson School, Ross, Calif. Matriculation Scholar for the Western States, 1930; Alumnae Regional Scholar, 1930-34.
- NICHOLS, MARY BLAKE.....*Major, Psychology*, 1930-34.
Garden City, L. I., N. Y. Prepared by the Shipley School, Bryn Mawr. Undergraduate and Glee Club Scholar, 1933-34.
- NICOLL, CUYLER.....*Major, French*, 1932-34.
Hewlett, L. I., N. Y. Prepared by the Shipley School, Bryn Mawr.
- NOBLE, EDITH.....1932-34.
New Canaan, Conn. Prepared by Rosemary Hall, Greenwich, Conn.
- O'NEILL, PATRICIA.....1933-34.
Binghamton, N. Y. Prepared by the Central High School, Binghamton. Alumnae Regional Scholar, 1933-34.
- OTT, HELEN LOUISE.....*Major, Economics*, 1932-34.
New York. Prepared by the Packer Collegiate Institute, Brooklyn, N. Y.
- PARK, SARA BEVAN.....*Major, French*, 1932-33; Sem. I, 1933-34.
Rodgers Forge, Md. Prepared by the Bryn Mawr School, Baltimore, Md. and the Roland Park Country School, Baltimore.
- PARNELL, GERTRUDE ANNETTA.....*Major, Mathematics*, 1930-34.
Germantown, Philadelphia. Prepared by the Germantown High School. Frances Marion Simpson Scholar, 1930-33; Pennsylvania State Scholar, 1930-33; Anna Hallowell Memorial Scholar, 1932-33; George Bates Hopkins Memorial Scholar, 1933-34.
- PARSONS, ESTHER JANE.....*Major, Biology*, 1930-34.
Weehawken, N. J. Prepared by Miss Ransom and Miss Bridges' School, Piedmont, Calif.
- PATTERSON, EVELYN MACFARLANE.....*Major, Classical Archæology*, 1930-34.
Evanston, Ill. Prepared by the Roycemore School, Evanston and Miss Wheeler's School, Providence, R. I.
- PEIRCE, CHARLOTTE TOWNSEND.....1933-34.
Winnetka, Ill. Prepared by Kemper Hall, Kenosha, Wis.
- PERKINS, EMILY WAINWRIGHT.....*Major, French*, 1932-34.
Boston, Mass. Prepared by the Winsor School, Boston.
- PERRY, REBECCA.....*Major, History*, 1931-34.
Dover, Mass. Prepared by the Westtown School, Westtown, Pa. and the Winsor School, Boston, Mass.
- PETERS, MARY IDELLE.....1933-34.
Lancaster, Ohio. Prepared by the Ethel Walker School, Simsbury, Conn.
- PHELPS, JANET MARIE.....1933-34.
Havana, Ill. Prepared by Ferry Hall, Lake Forest, Ill.

- PILLSBURY, ELIZABETH ELDRIDGE.....*Major, French*, 1932-34.
Washington, D. C. Prepared by the Ethel Walker School, Simsbury, Conn.
- PLAUT, EMMA LOUISE.....*Major, History of Art*, 1932-34.
Cincinnati, Ohio. Transferred from the University of Cincinnati, Cincinnati, Ohio.
- PLEASANTON, FRANCES.....*Major, Physics*, 1930-34.
Brookline, Mass. Prepared by the Lee School, Boston, Mass. Special Alumnae Regional Scholar, 1930-31; Alumnae Regional Scholar and Book Shop Scholar, 1931-32; Abby Slade Brayton Durfee Scholar, 1933-34.
- POLACHEK, JANE EVELYN.....*Major, French*, 1930-34.
New York. Prepared by the Horace Mann High School, New York.
- PORCHER, FRANCES CALLOWAY.....1932-34.
Cocoa, Fla. Prepared by the Cocoa High School and the Misses Kirk's School, Bryn Mawr. Alumnae Regional Scholar, 1932-33; Mary Anna Longstreth Memorial Scholar, 1933-34.
- PORTER, JEAN CORNELIA.....*Major, Classical Archaeology*, 1931-34.
Rumson, N. J. Prepared by Miss Chapin's School, New York.
- POWELL, MARY LEE.....1933-34.
Cambridge, Mass. Prepared by the Winsor School, Boston, Mass.
- PUTNAM, ELIZABETH DUNCAN.....*Major, English*, 1932-34.
Washington, D. C. Prepared by the Madeira School, Greenway, Va.
- RAYNOR, ALICE RUSSELL.....*Major, English*, 1932-34.
Yonkers, N. Y. Prepared by Miss Beard's School, Orange, N. J. Alumnae Regional Scholar, 1932-34; Alice Ferree Hayt Memorial Scholar, 1933-34.
- REED, MARY ELIZABETH.....1933-34.
Norwich, Conn. Prepared by the Norwich Free Academy, Norwich. Alumnae Regional Scholar, 1933-34.
- REED, PAULINE FOSTER.....1933-34.
Cincinnati, Ohio. Prepared by the International School, Geneva, Switzerland.
- REESE, ANNE ELIZABETH.....1932-34.
Baltimore, Md. Prepared by the Roland Park Country School, Baltimore. Alumnae Regional Scholar, 1932-34.
- RHOADS, GERALDINE EMELINE.....*Major, English*, 1931-34.
Belleville, N. J. Prepared by the Belleville High School. American Chemical Society Scholar, 1931-34.
- RICE, LILLIE EDNA.....1932-34.
Philadelphia. Prepared by the Frankford High School, Philadelphia. Trustees' Scholar, 1932-34.
- RICHARDS, MARIE ANN.....*Major, Physics*, 1931-34.
Philadelphia, Pa. Prepared by the Gordon-Roney School, Philadelphia and the Agnes Irwin School, Philadelphia.
- RIGGS, MARY MAYNARD.....*Major, Classical Archaeology*, 1931-34.
New York. Prepared by the Brearley School, New York.
- RIGHTER, MARGARET MITCHELL...*Major, Classical Archaeology*, 1930-34.
Princeton, N. J. Prepared by Miss Fine's School, Princeton.
- RIPLEY, HELEN.....*Major, French*, 1931-34.
Andover, Mass. Prepared by Abbot Academy, Andover and La Marjolaine, Geneva, Switzerland.
- RITTER, LUCILLE GERALDINE.....1933-34.
Upper Darby, Pa. Prepared by the Friends' Select School, Philadelphia.
- ROBERTS, ANNE LEGATE.....1933-34.
Colorado Springs, Colo. Prepared by Brownell Hall, Omaha, Neb.
- ROBINSON, ALETHEA STEWART.....1933-34.
Charleston, W. Va. Prepared by the Charleston High School.
- ROBINSON, CONSTANCE BAYLES.....*Major, History of Art*, 1930-34.
Charleston, W. Va. Prepared by the Western High School, Washington and the Northampton School for Girls, Mass.

- ROBINSON, NANCY MACMURRAY..... *Major, History*, 1931-34.
Washington, D. C. Prepared by Rosemary Hall, Greenwich, Conn.
- ROSE, EDITH..... 1933-34.
Mexico City, Mexico. Prepared by Westover School, Middlebury, Conn.
- ROTHERMEL, JOSEPHINE BRYANT..... *Major, History*, 1930-34.
Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- RUSSELL, LILLIAN ALFREBELLE..... *Major, Chemistry*, 1930-34.
Roxbury, Mass. Prepared by the Girls' Latin School, Boston, Mass. Alumnae Regional Scholar, 1930-34.
- SAFFORD, WINIFRED BOLLONS..... 1933-34.
New Orleans, La. Prepared by the Madeira School, Greenway, Va.
- SALE, VIRGINIA HARPER..... *Major, Politics*, 1932-34.
Buffalo, N. Y. Prepared by the Buffalo Seminary.
- SAUL, LIDIE BOWER..... *Major, English*, Sem. II, 1932-33; 1933-34.
Philadelphia. Transferred from Radcliffe College, Cambridge, Mass.
- SCHWAB, CAROLINE OGDEN..... *Major, Economics*, 1930-34.
New York. Prepared by Milton Academy, Milton, Mass.
- SCHWABLE, PAULINE GERTRUDE..... *Major, Biology*, 1932-34.
Scarsdale, N. Y. Prepared by the Emma Willard School, Troy, N. Y.
- SCOTT, EMMA ZIMMERMAN..... 1933-34.
Lansford, Pa. Prepared by the National Cathedral School, Washington, D. C.
- SCOTT, HENRIETTA..... *Major, Philosophy*, 1932-34.
Chestnut Hill, Philadelphia. Prepared by the Agnes Irwin School, Philadelphia.
- SELTZER, ISABELLE MARGARET..... 1933-34.
Overbrook, Pa. Prepared by the Misses Kirk's School, Bryn Mawr, Pa.
- SEYMOUR, BETTY LUCILLE..... *Major, Philosophy*, 1931-34.
Salamanca, N. Y. Prepared by the Salamanca High School.
- SHAMES, MILDRED..... Sem. II, 1933-34.
Wynnefield, Pa. Transferred from Cornell University, Ithaca, N. Y.
- SHOVLIN, ELIZABETH CLAIRE..... 1932-34.
Overbrook, Pa. Prepared by the Overbrook High School, Philadelphia and the Misses Kirk's School, Bryn Mawr.
- SIGLER, EILEEN..... 1933-34.
Lakewood, N. J. Prepared by the Knox School, Cooperstown, N. Y.
- SIMONS, EURETTA ANDREWS..... *Major, Philosophy*, 1932-34.
Wynnewood, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- SIMPSON, ELIZABETH JANE..... 1933-34.
Elizabeth, N. J. Prepared by the Vail-Deane School, Elizabeth, N. J. Alumnae Regional Scholar, 1933-34.
- SIMPSON, MARGARET FLORENCE..... *Major, History*, 1931-34.
Columbus, N. J. Prepared by Miss Harris' Florida School, Miami.
- SIMS, BARBARA ELIZABETH..... 1933-34.
New York. Prepared by the Brearley School, New York.
- SKEDS, BERTHA MARY..... 1932-34.
Orange, N. J. Prepared by Miss Beard's School, Orange, N. J.
- SMEDLEY, ELIZABETH..... 1932-34.
Narberth, Pa. Prepared by the Lower Merion High School, Ardmore, Pa. Lower Merion High School Scholar, 1932-34.
- SMITH, BARBARA ELEANOR..... *Major, History*, 1930-34.
Brooklyn, N. Y. Prepared by the Packer Collegiate Institute, Brooklyn.
- SMITH, ELEANOR COPE..... 1933-34.
Haverford, Pa. Prepared by the Agnes Irwin School, Philadelphia.
- SMITH, ESTHER ELIZABETH..... *Major, Biology*, 1930-34.
St. Paul, Minn. Prepared by Milwaukee-Downer Seminary, Wis., and L'Ecole International, Switzerland. Holder of the Susan Shober Carey Memorial Award, 1932-34.

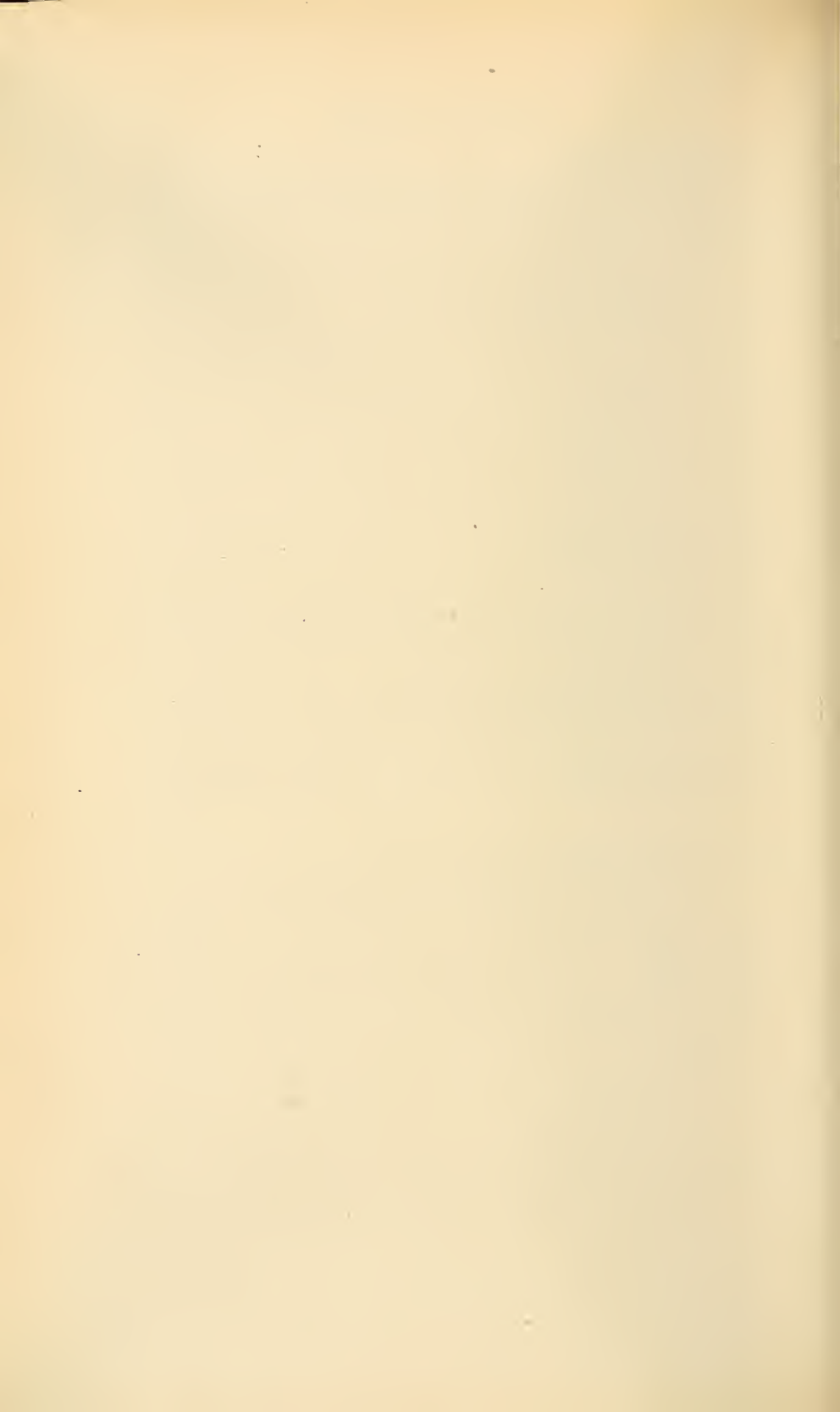
- SMITH, MILDRED MARLIN.....1931-34.
Altoona, Pa. Prepared by the Germantown High School, Philadelphia. Trustees' Scholar, 1931-34; Maria Hopper Sophomore Scholar, 1932-33.
- SNYDER, EMMALEINE ALBERTA.....*Major, Mathematics*, 1930-34.
Shamokin, Pa. Prepared by the Shamokin High School and the Misses Kirk's School, Bryn Mawr.
- SNYDER, MARY RUTH.....*Major, Chemistry*, 1930-34.
Brookville, Pa. Prepared by the Baldwin School, Bryn Mawr. Book Shop Scholar, 1933-34.
- SPAFFORD, LUCILLE.....1932-34.
New York. Prepared by Miss Wright's School, Bryn Mawr and the Ethel Walker School, Simsbury, Conn.
- STANTON, BETTY ANNE.....1933-34.
Lewiston, Pa. Prepared by the Misses Kirk's School, Bryn Mawr.
- STARK, MARGARET LOUISE.....1933-34.
Bala-Cynwyd, Pa. Prepared by the Baldwin School, Bryn Mawr.
- STEINHARDT, LEIGH DAVIS.....1933-34.
New York. Prepared by the Horace Mann High School for Girls, New York.
- STEINHART, LOUISE EMILY.....1933-34.
San Francisco, Calif. Prepared by Miss Burke's School, San Francisco.
- STENGEL, LOUISE EUGENIA.....1933-34.
Washington, D. C. Prepared by Western High School, Washington, D. C.
- STERN, JEAN.....*Major, Economics*, 1932-34.
New York. Prepared by Miss Todhunter's School, New York and the Knox School, Cooperstown, N. Y.
- STERN, JULIET LIT.....1933-34.
Haddonfield, N. J. Transferred from Wellesley College, Wellesley, Mass.
- STEVENSON, NANCY.....*Major, History*, 1930-34.
Yonkers, N. Y. Prepared by the Shipley School, Bryn Mawr.
- STEWART, ALICIA BELGRANO.....*Major, French*, 1932-34.
Washington, D. C. Prepared by the Maret School, Washington.
- STOKES, RUTH KONOVER.....1932-34.
Allenhurst, N. J. Prepared by the Asbury Park High School, N. J. and the Misses Kirk's School, Bryn Mawr.
- STONE, CORDELIA.....1933-34.
Brooklyn, N. Y. Prepared by the Packer Collegiate Institute, Brooklyn.
- STONE, ELLEN BALCH.....1932-34.
Jamaica Plain, Mass. Prepared by the Winsor School, Boston, Mass.
- SUPPES, SARA ANN DIBERT.....*Major, History of Art*, 1930-34.
Johnstown, Pa. Prepared by the Harcum School, Bryn Mawr.
- SWAB, FLORENCE MILLER.....*Major, Politics*, 1931-34.
Lancaster, Pa. Prepared by the Stevens High School, Lancaster and the Shippen School, Lancaster.
- SWIFT, MARIE FITZGERALD.....1932-34.
Chicago, Ill. Prepared by the Ethel Walker School, Simsbury, Conn. and the Florentine School for Girls, Florence, Italy.
- TAGGART, JOSEPHINE BROWN.....1932-34.
Watertown, N. Y. Prepared by the Madeira School, Greenway, Va. and Rosemary Hall, Greenwich, Conn.
- TATE-SMITH, DIANA.....*Major, Economics*, 1931-34.
New York. Prepared by the Brearley School, New York. Alumnae Regional Scholar, 1931-32; James E. Rhoads Scholar, 1932-34.
- TERRY, ELIZABETH MAHN.....1932-34.
Sewickley, Pa. Prepared by the Sewickley High School and the Misses Kirk's School, Bryn Mawr.

- THOMPSON, EVELYN HASTINGS.....*Major, English*, 1931-34.
Brookline, Mass. Prepared by the Winsor School, Boston. Alumnae Regional Scholar, 1931-32; Sheelah Kilroy Memorial Scholar in English, 1932-33, Leila Houghteling Memorial Scholar, 1932-34.
- THOMSON, LAURA GAMBLE.....1933-34.
Cincinnati, Ohio. Prepared by Hillsdale School, Cincinnati.
- TILLINGHAST, SARA HENRY.....*Major, Economics*, 1932-34.
Providence, R. I. Prepared by the Mary C. Wheeler School, Providence.
- TING, VUNG-YUIN.....*Major, Chemistry*, 1931-34.
Shanghai, China. Prepared by the McTyeire School, China and the Shipley School, Bryn Mawr. Chinese Scholar, 1931-34.
- TOBIN, ELEANORE FLORA.....1933-34.
Chicago, Ill. Prepared by the Baldwin School, Bryn Mawr. Directors' Scholar, 1933-34.
- TOBIN, MARGARET LINBURG.....*Major, German*, 1931-34.
Trenton, N. J. Prepared by the Ethel Walker School, Simsbury, Conn.
- TODD, SARAH HELEN.....*Major, English*, 1932-34.
New Bethlehem, Pa. Prepared by the New Bethlehem High School and the National Cathedral School, Washington, D. C.
- TROWBRIDGE, VIRGINIA ELVIRA...*Major, Classical Archaeology*, 1930-34.
Bedford Hills, N. Y. Prepared by the Shipley School, Bryn Mawr.
- TURNER, LOUISE CLEWELL.....*Major, English*, 1930-34.
Roanoke, Va. Prepared by the Jefferson High School, Roanoke and the Misses Kirk's School, Bryn Mawr. The Misses Kirk's Scholar, 1930-31; Book Shop Scholar, 1931-33.
- VALL-SPINOSA, ELAINE ARMSTRONG.....1933-34.
Parkersburg, W. Va. Prepared by Hannah More Academy, Reisterstown, Md.
- VANAUKEN, EDITH DUNCAN.....*Major, History*, 1931-34.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia. Charles E. Ellis Scholar, 1931-34.
- VANKEUREN, FRANCES CUTHBERT.....*Major, French*, 1931-34.
Chevy Chase, Md. Prepared by the Madeira School, Greenway, Va. Alumnae Regional Scholar, 1931-34.
- VAN VECHTEN, ANNE SANDS.....1932-34.
Elizabeth, N. J. Prepared by the Kent Place School, Summit, N. J.
- VAN VECHTEN, MARIE-LOUISE.....*Major, History*, 1931-34.
Elizabeth, N. J. Prepared by the Kent Place School, Summit, N. J.
- VEEDER, MARGARET DE WITT.....1932-34.
New York. Prepared by the Brearley School, New York.
- WALDENMEYER, ALMA IDA AUGUSTA.....*Major, Physics*, 1931-34.
Philadelphia, Pa. Prepared by the Philadelphia High School for Girls. Trustees' Scholar, 1931-34; Athletic Association Scholar, 1933-34.
- WALKER, VIRGINIA JOHNSTON.....1933-34.
Nashville, Tenn. Prepared by Ward-Belmont School, Nashville.
- WALSH, DOROTHY DREXEL.....*Major, Economics*, 1932-34.
Montclair, N. J. Prepared by the Montclair High School.
- WALTER, ELIZABETH ALLEN.....*Major, English*, 1930-34.
Allentown, Pa. Prepared by the Hamilton Preparatory School, Allentown.
- WASHBURN, ELIZABETH.....1933-34.
New York. Prepared by the Brearley School, New York.
- WATSON, FRANCES ELLEN.....*Major, History*, 1931-34.
Garden City, N. Y. Prepared by Pine Manor Junior College, Wellesley, Mass.
- WATSON, JANE.....1933-34.
New York. Prepared by the Ethel Walker School, Simsbury, Conn.
- WELD, ELIZABETH MINOT.....*Major, History of Art*, 1931-34.
New York. Prepared by Concord Academy, Concord, Mass.
- WERNICK, FLORA SYLVIA.....1933-34.
Philadelphia. Prepared by West Philadelphia High School.

- WHITING, ANNE FRANCES.....1932-34.
Cumberland, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- WHITNEY, HELEN CATHERINE.....*Major, Economics*, 1931-34.
Garden City, N. Y. Prepared by the Ethel Walker School, Simsbury, Conn.
- WICKERSHAM, ELIZABETH HOPE.....1932-34.
Ventnor, N. J. Prepared by the Westtown School, Westtown, Pa. Foundation Scholar, 1933-34.
- WILDER, DOROTHEA FALES.....1933-34.
New York. Prepared by the Brearley School, New York.
- WILSON, VIRGINIA NANCY.....*Major, Mathematics*, 1932-34.
St. Davids, Pa. Transferred from Vassar College, Poughkeepsie, N. Y.
- WINTERNITZ, JEANNE.....*Major, Classical Archaeology*, 1932-34.
Wayne, Pa. Prepared by the Radnor High School, Wayne.
- WOODWARD, ANNE.....1932-34.
Council Bluffs, Ia. Prepared by Brownell Hall, Omaha, Nebraska.
- WOODWARD, RUTH EARLE.....1933-34.
Fall River, Mass. Prepared by the Madeira School, Greenway, Va.
- WOODWARD, VIRGINIA.....1932-34.
Toms River, N. J. Prepared by the Toms River High School and the Misses Kirk's School, Bryn Mawr.
- WRIGHT, AMELIA KENNARD.....1933-34.
Easton, Md. Prepared by the Misses Kirk's School, Bryn Mawr. Alumnae Regional Scholar and Misses Kirk Scholar, 1933-34.
- WRIGHT, ANN BLOSE.....1932-34.
Douglaston, L. I., N. Y. Prepared by the Cathedral School of St. Mary, Garden City, L. I. and the Misses Kirk's School, Bryn Mawr. The Misses Kirk Scholar, 1932-33.
- WYCKOFF, CORNELIA ANN.....1933-34.
New York. Prepared by the Brearley School, New York.
- WYCKOFF, ELIZABETH PORTER.....1932-34.
New York. Prepared by the Brearley School, New York. Anne Dunn Scholar, 1932-33; James E. Rhoads Sophomore Scholar, 1933-34.
- WYLIE, MARGARET CAROLYN.....*Major, English*, 1932-34.
Dorchester, Mass. Prepared by the Girls' Latin School, Boston, Mass. Alumnae Regional Scholar, 1932-34.

SUMMARY OF UNDERGRADUATE STUDENTS

	Total for the Year
Class of 1934.....	89
Class of 1935.....	73
Class of 1936.....	96
Class of 1937.....	123
Hearer.....	1
Total.....	<hr/> 382



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Hour	Course	DAY	
			FRIDAY
9	ELEMENTARY	German, Div. I (Diez) N Greek (Fairman) M	German, Div. II (Jessen) A Div. III (M. M. Diez) N German Reading, Div. I (M. Diez) E Greek: Homer (Fairman) M
	FIRST YEAR	*Chemistry (Creddon) K *French (Gilman) L *Geology (Wats) M †Greek: Plato (Creddon) K *History, Div. I (Lund) S Mathematics, Div. I (F) F *Philosophy, Div. I (F) F	Latin, Div. III (—) K *Philosophy, Div. II (de Laguna) F *Politics (Fenwick) S
	SECOND YEAR	Economics: Banking (Anderson) K *History of Art since the Renaissance (Wethey) G Mathematics: Lehr) C Spanish: Literature	History of Art: Mediæval Art (E. Diez, Bernheimer) G Mathematics: Geometry (Flexner) C *Politics (Wells) B
	ADVANCED	†History: U. S. (W. R. Smith) D †Psychology: Psychology (MacKinnon) Library	Biology: Advanced Physiology (Blanchard) Dalton Chemistry: Organic (Cope) Dalton History: English History in the 19th Century (Robbins) D
	ELECTIVE	English: The Music: Secondary and Appreciation (Alwyne) G	Social Economy: Introduction to Sociology (Miller) L
10	FIRST YEAR	*Biology (Gardner) S *Economics, Div. I (erson) S *Physics (Mich) S Spanish (Gillet) N	*Biology (Gardiner) Dalton †Classical Archaeology: Greek Sculpture (Carpenter, Swindler) G Spanish (Gillet) N
	SECOND YEAR	English: Tudor Drama (Chew) E *French: Literature (Siran) A *Geology (Dryden) T †German: Literature (Diez) T †History: Renaissance (Ray) D †Italian (Gardner) S †Donnelly) S †(Hilloughby) S †(Houghby) S †(Kingsbury) S	English: Middle English (Herben) E *French Language: Div. I (Soubeiran) A Div. II (Daudon) B *Geology (Dryden) Dalton German: Reading and Composition (Jessen) L †History: Continental (Robbins) D †Italian (Gardner) S

* Instructor changes second semester.

SCHEDULE OF UNDERGRADUATE COURSES, 1929-30

SEMESTER I
(The letter following the name of the instructor indicates the class room in Taylor Hall in which the class is conducted.)

Days	Courses	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY			
		A	B	A	B	A	B	A	B	A	B		
9	EXERCISES	German, Div. I (M. H. Dool) N	German, Div. II (Lester) A Div. III (M. M. Dool) N German Reader (L. Dool) E Greek, Reader (Forslund) M	German, Div. II (Lester) A Div. III (M. M. Dool) N German Reader (L. Dool) E Greek, Reader (Forslund) M	German, Div. I (M. H. Dool) N	German, Div. I (M. H. Dool) N	German, Div. I (M. H. Dool) N	German, Div. I (M. H. Dool) N	German, Div. I (M. H. Dool) N	German, Div. I (M. H. Dool) N	German, Div. II (Lester) A Div. III (M. M. Dool) N Greek, Reader (Forslund) M		
	FIRST YEAR	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D	Chemistry (General) Dulles Physics (General) Dulles Geometry (General) Dulles Greek, Latin (Hess) D History, Div. I (Hess) D Mathematics, Div. I (Hess) D Philosophy, Div. I (Hess) D
	SECOND YEAR	Language, History and Reading (Anderson) K History of Art, Painting from the Renaissance (Hess) D Mathematics, Calculus (Lohr) C Physical Literature	History of Art, Painting from the Renaissance (Hess) D Mathematics, Calculus (Lohr) C Physical Literature	History of Art, Painting from the Renaissance (Hess) D Mathematics, Calculus (Lohr) C Physical Literature	History of Art, Painting from the Renaissance (Hess) D Mathematics, Calculus (Lohr) C Physical Literature	History of Art, Painting from the Renaissance (Hess) D Mathematics, Calculus (Lohr) C Physical Literature	History of Art, Painting from the Renaissance (Hess) D Mathematics, Calculus (Lohr) C Physical Literature	History of Art, Painting from the Renaissance (Hess) D Mathematics, Calculus (Lohr) C Physical Literature	History of Art, Painting from the Renaissance (Hess) D Mathematics, Calculus (Lohr) C Physical Literature	History of Art, Painting from the Renaissance (Hess) D Mathematics, Calculus (Lohr) C Physical Literature	History of Art, Painting from the Renaissance (Hess) D Mathematics, Calculus (Lohr) C Physical Literature	History of Art, Painting from the Renaissance (Hess) D Mathematics, Calculus (Lohr) C Physical Literature	
	ADVANCED	History—U. S. since 1800 (W. R. Sisk) D Psychology—Elementary Psychology (Hess) D Psychology—Advanced Psychology (Hess) D	History—U. S. since 1800 (W. R. Sisk) D Psychology—Elementary Psychology (Hess) D Psychology—Advanced Psychology (Hess) D	History—U. S. since 1800 (W. R. Sisk) D Psychology—Elementary Psychology (Hess) D Psychology—Advanced Psychology (Hess) D	History—U. S. since 1800 (W. R. Sisk) D Psychology—Elementary Psychology (Hess) D Psychology—Advanced Psychology (Hess) D	History—U. S. since 1800 (W. R. Sisk) D Psychology—Elementary Psychology (Hess) D Psychology—Advanced Psychology (Hess) D	History—U. S. since 1800 (W. R. Sisk) D Psychology—Elementary Psychology (Hess) D Psychology—Advanced Psychology (Hess) D	History—U. S. since 1800 (W. R. Sisk) D Psychology—Elementary Psychology (Hess) D Psychology—Advanced Psychology (Hess) D	History—U. S. since 1800 (W. R. Sisk) D Psychology—Elementary Psychology (Hess) D Psychology—Advanced Psychology (Hess) D	History—U. S. since 1800 (W. R. Sisk) D Psychology—Elementary Psychology (Hess) D Psychology—Advanced Psychology (Hess) D	History—U. S. since 1800 (W. R. Sisk) D Psychology—Elementary Psychology (Hess) D Psychology—Advanced Psychology (Hess) D	History—U. S. since 1800 (W. R. Sisk) D Psychology—Elementary Psychology (Hess) D Psychology—Advanced Psychology (Hess) D	
	EXERCISES	English—The Modern Novel (Hess) D Modern Social Year History and Appreciation (Hess) D	English—The Modern Novel (Hess) D Modern Social Year History and Appreciation (Hess) D	English—The Modern Novel (Hess) D Modern Social Year History and Appreciation (Hess) D	English—The Modern Novel (Hess) D Modern Social Year History and Appreciation (Hess) D	English—The Modern Novel (Hess) D Modern Social Year History and Appreciation (Hess) D	English—The Modern Novel (Hess) D Modern Social Year History and Appreciation (Hess) D	English—The Modern Novel (Hess) D Modern Social Year History and Appreciation (Hess) D	English—The Modern Novel (Hess) D Modern Social Year History and Appreciation (Hess) D	English—The Modern Novel (Hess) D Modern Social Year History and Appreciation (Hess) D	English—The Modern Novel (Hess) D Modern Social Year History and Appreciation (Hess) D		
FOURTH YEAR	History (General) Dulles	History (General) Dulles	History (General) Dulles	History (General) Dulles	History (General) Dulles	History (General) Dulles	History (General) Dulles	History (General) Dulles	History (General) Dulles	History (General) Dulles			

Reference change annual schedule. I. Degree change annual schedule, see schedule.

BRYN MAWR COLLEGE

CALENDAR

GRADUATE COURSES

1934

BRYN MAWR, PENNSYLVANIA

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BRYN MAWR COLLEGE CALENDAR

1934

- Number 1. Undergraduate Courses.
- Number 2. Graduate Courses.
- Number 3. Address Book of Alumnae and Former Students.
- Number 4. The Library and Halls of Residence, Plans and Descriptions.

BRYN MAWR COLLEGE

1934							1935														1936															
JULY							JANUARY							JULY							JANUARY							JULY								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
1	2	3	4	5	6	7			1	2	3	4	5	1	2	3	4	5	6	5	6	7	8	9	10	11	5	6	7	8	9	10	11			
8	9	10	11	12	13	14	6	7	8	9	10	11	12	7	8	9	10	11	12	13	12	13	14	15	16	17	18	12	13	14	15	16	17	18		
15	16	17	18	19	20	21	13	14	15	16	17	18	19	14	15	16	17	18	19	20	19	20	21	22	23	24	25	19	20	21	22	23	24	25		
22	23	24	25	26	27	28	20	21	22	23	24	25	26	21	22	23	24	25	26	27	26	27	28	29	30	31	26	27	28	29	30	31				
29	30	31					27	28	29	30	31			28	29	30	31											26	27	28	29	30	31			
AUGUST							FEBRUARY							AUGUST							FEBRUARY							AUGUST								
5	6	7	8	1	2	3	4	3	4	5	6	7	8	1	2	4	5	6	7	8	9	10	2	3	4	5	6	7	8	2	3	4	5	6	7	8
12	13	14	15	16	17	18	10	11	12	13	14	15	16	11	12	13	14	15	16	17	9	10	11	12	13	14	15	9	10	11	12	13	14	15		
19	20	21	22	23	24	25	17	18	19	20	21	22	23	18	19	20	21	22	23	24	16	17	18	19	20	21	22	16	17	18	19	20	21	22		
26	27	28	29	30	31		24	25	26	27	28			25	26	27	28	29	30	31	23	24	25	26	27	28	29	23	24	25	26	27	28	29		
																												30	31							
SEPTEMBER							MARCH							SEPTEMBER							MARCH							SEPTEMBER								
2	3	4	5	6	7	1	3	4	5	6	7	1	2	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7		
9	10	11	12	13	14	15	10	11	12	13	14	15	16	8	9	10	11	12	13	14	8	9	10	11	12	13	14	6	7	8	9	10	11	12		
16	17	18	19	20	21	22	17	18	19	20	21	22	23	15	16	17	18	19	20	21	15	16	17	18	19	20	21	13	14	15	16	17	18	19		
23	24	25	26	27	28	29	24	25	26	27	28	29	30	22	23	24	25	26	27	28	22	23	24	25	26	27	28	20	21	22	23	24	25	26		
30							31							29	30						29	30	31					27	28	29	30					
OCTOBER							APRIL							OCTOBER							APRIL							OCTOBER								
7	8	9	10	11	12	13	7	8	9	10	11	12	13	6	7	8	9	10	11	12	5	6	7	8	9	10	11	4	5	6	7	8	9	10		
14	15	16	17	18	19	20	14	15	16	17	18	19	20	13	14	15	16	17	18	19	12	13	14	15	16	17	18	11	12	13	14	15	16	17		
21	22	23	24	25	26	27	21	22	23	24	25	26	27	20	21	22	23	24	25	26	19	20	21	22	23	24	25	18	19	20	21	22	23	24		
28	29	30	31				28	29	30					27	28	29	30	31			26	27	28	29	30			25	26	27	28	29	30	31		
NOVEMBER							MAY							NOVEMBER							MAY							NOVEMBER								
4	5	6	7	8	1	2	3	5	6	7	8	9	10	11	1	2	3	4	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9	1	2
11	12	13	14	15	16	17	12	13	14	15	16	17	18	10	11	12	13	14	15	16	10	11	12	13	14	15	16	15	16	17	18	19	20	21		
18	19	20	21	22	23	24	19	20	21	22	23	24	25	17	18	19	20	21	22	23	17	18	19	20	21	22	23	22	23	24	25	26	27	28		
25	26	27	28	29	30		26	27	28	29	30	31	24	25	26	27	28	29	30	24	25	26	27	28	29	30	29	30								
DECEMBER							JUNE							DECEMBER							JUNE							DECEMBER								
2	3	4	5	6	7	1	2	3	4	5	6	7	1	1	2	3	4	5	6	7	1	2	3	4	5	6	1	2	3	4	5	6	7			
9	10	11	12	13	14	15	9	10	11	12	13	14	15	8	9	10	11	12	13	14	7	8	9	10	11	12	13	6	7	8	9	10	11	12		
16	17	18	19	20	21	22	16	17	18	19	20	21	22	15	16	17	18	19	20	21	14	15	16	17	18	19	20	13	14	15	16	17	18	19		
23	24	25	26	27	28	29	23	24	25	26	27	28	29	22	23	24	25	26	27	28	21	22	23	24	25	26	27	20	21	22	23	24	25	26		
30	31						30							29	30	31					28	29	30					27	28	29	30	31				

The fiftieth academic year will close with the conferring of Degrees at eleven o'clock, on June 5, 1935.

COLLEGE CALENDAR

1934-35

FIRST SEMESTER

College Entrance Board Condition Examinations begin	September 17
College Entrance Board Condition Examinations end	September 21
Halls of Residence open to the entering class at 3 P. M.	September 26
Registration of Freshmen	September 27
Radnor Hall opens to new Graduate Students at 9 A. M.	September 29
Registration of new Graduate Students	September 29
Halls of Residence open to all students at 8 P. M.	September 30
Registration of students	October 1
Examinations for advanced standing begin	October 1
Deferred and condition examinations begin	October 1
The work of the fiftieth academic year begins at 8.45 A. M.	October 2
Examination in German for Seniors conditioned, 9-10.30 A. M.	October 6
Examination in German for M.A. candidates, 9-10.30 A. M.	October 6
Deferred and condition examinations end	October 6
Examinations for advanced standing end	October 6
Examination in French for Seniors conditioned, 9-10.30 A. M.	October 13
Examination in French for M.A. candidates, 9-10.30 A. M.	October 13
Examination in German for M.A. candidates, 8-9.30 P. M.	November 21
Examination in French for M.A. candidates, 9-10.30 A. M.	November 24
Thanksgiving vacation begins at 12.45 P. M.	November 28
Thanksgiving vacation ends at 9 A. M.	December 3
Ph.D. Language examinations	December 8
Christmas vacation begins at 12.45 P. M.	*December 21
Christmas vacation ends at 9 A. M.	January 7
Last day of lectures	January 18
Half-yearly collegiate examinations begin	January 21
Ph.D. Language examinations	January 21
Collegiate examinations end	February 1
Vacation	February 4

SECOND SEMESTER

The work of the second semester begins at 9 A. M.	February 5
Announcement of Graduate European Fellowships	March 15
Spring vacation begins at 12.45 P. M.	*March 29
Spring vacation ends at 9 A. M.	April 8
Deferred and condition examinations begin	April 8
Deferred and condition examinations end	April 13
Ph.D. Language examinations	April 13
Examinations in French for Juniors	April 27
Examinations in German for Juniors	May 4
Last day of lectures	May 17
Collegiate examinations begin	May 20
Collegiate examinations end	May 31
Baccalaureate Sermon	June 2
Conferring of degrees and close of fiftieth academic year	June 5

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict students will be required to make up the work in the free hours.

COLLEGE CALENDAR

1935-36

FIRST SEMESTER

College Entrance Board Condition Examinations begin	September 16
College Entrance Board Condition Examinations end	September 20
Halls of Residence open to the entering class at 3 P. M.	September 25
Registration of Freshmen	September 26
Radnor Hall opens to new Graduate Students at 9 A. M.	September 28
Registration of new Graduate Students	September 28
Halls of Residence open to all students at 8 P. M.	September 29
Registration of students	September 30
Examinations for advanced standing begin	September 30
Deferred and condition examinations begin	September 30
The work of the fifty-first academic year begins at 8.45 A. M.	October 1
Examination in German for Seniors conditioned, 9-10.30 A. M.	October 5
Examination in German for M.A. candidates, 9-10.30 A. M.	October 5
Deferred and condition examinations end	October 5
Examinations for advanced standing end	October 5
Examination in French for Seniors conditioned, 9-10.30 A. M.	October 12
Examination in French for M.A. candidates, 9-10.30 A. M.	October 12
Examination in German for M.A. candidates, 8-9.30 P. M.	November 20
Examination in French for M.A. candidates, 9-10.30 A. M.	November 23
Thanksgiving vacation begins at 12.45 P. M.	November 27
Thanksgiving vacation ends at 9 A. M.	December 2
Ph.D. Language examinations	December 7
Christmas vacation begins at 12.45 P. M.	*December 20
Christmas vacation ends at 9 A. M.	January 6
Last day of lectures	January 17
Half-yearly collegiate examinations begin	January 20
Ph.D. Language examinations	January 20
Collegiate examinations end	January 31
Vacation	February 3

SECOND SEMESTER

The work of the second semester begins at 9 A. M.	February 4
Announcement of Graduate European Fellowships	March 20
Spring vacation begins at 12.45 P. M.	*March 27
Spring vacation ends at 9 A. M.	April 6
Deferred and condition examinations begin	April 6
Deferred and condition examinations end	April 11
Ph.D. Language examinations	April 11
Examinations in French for Juniors	April 25
Examinations in German for Juniors	May 2
Last day of Lectures	May 15
Collegiate examinations begin	May 18
Collegiate examinations end	May 29
Baccalaureate Sermon	May 31
Conferring of degrees and close of fifty-first academic year	June 3

* Friday Laboratory will be transferred to Wednesday of the same week and in case of conflict students will be required to make up the work in the free hours.

BRYN MAWR COLLEGE

BRYN MAWR COLLEGE was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his lifetime the site of the college at Bryn Mawr, five miles west of Philadelphia, was purchased and the buildings were begun. At his death in January, 1880, he left the greater part of his estate for the foundation and maintenance of an institution of higher education for women. In 1880 the college was incorporated under the laws of Pennsylvania and was invested with the power to confer degrees; in 1883 the trustees issued a circular of information; in 1884 a President, Dr. James E. Rhoads, and a Dean of Faculty, Miss M. Carey Thomas, were elected, plans were matured and academic appointments were made. In the spring of 1885 the first catalogue was issued and in the autumn of the same year the college began its first academic year.

On the death of President Rhoads in 1893, Dean Thomas was elected to the presidency, which office she held until she reached the age of retirement in 1922. President Marion Edwards Park was elected to the presidency in 1922.

Bryn Mawr College has believed always in the value of small classes and limits the total enrollment of undergraduates to about four hundred and resident graduates to less than one hundred. From the first it has been the policy of the trustees to organize no department in which they could not provide for graduate as well as undergraduate study offered by the same faculty.

Bryn Mawr College confers the degrees of Bachelor of Arts, Master of Arts and Doctor of Philosophy.

The departments of the college are:

Biblical Literature	History
Biology	History of Art
Chemistry	Italian
Classical Archæology	Latin
Comparative Philology and Linguistics	Mathematics
Economics and Politics	Music
Education	Philosophy
English	Physics
French	Psychology
Geology	Social Economy
German	Spanish
Greek	

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OWEN D. YOUNG
FRANCES FINCKE HAND§
VIRGINIA KNEELAND FRANTZ††
Alumnæ Director, 1929-34
VIRGINIA McKENNEY CLAIBORNE§§
Alumnæ Director, 1930-35
FLORANCE WATERBURY
Alumnæ Director, 1931-36
LOUISE FLEISCHMANN MACLAY***
Alumnæ Director, 1932-37
GERTRUDE DIETRICH SMITH†††
Alumnæ Director, 1933-38

ELEANOR LITTLE ALDRICH†††
Alumnæ Director-elect, December, 1934-39

* Mrs. Henry Goddard Leach.
** Mrs. Rustin McIntosh.
† Mrs. F. Louis Slade.
‡ Mrs. William G. Hibbard.
§ Mrs. Learned Hand.

†† Mrs. Angus Macdonald Frantz.
§§ Mrs. Robert W. Claiborne.
*** Mrs. Alfred B. Maclay.
††† Mrs. Herbert Knox Smith.
††† Mrs. Talbot Aldrich.

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 FRANCES FINCKE HAND
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 VIRGINIA McKENNEY CLAIBORNE
 LOUISE FLEISCHMANN MACLAY
 GERTRUDE DIETRICH SMITH

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and Grounds*

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*Chairman of Sub-Committee on
Halls*
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 PARKER S. WILLIAMS

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OFFICERS OF ADMINISTRATION

ACADEMIC YEAR, 1933-34

President

MARION EDWARDS PARK, PH.D., LL.D. Office: Taylor Hall.

President Emeritus

M. CAREY THOMAS, PH.D., LL.D., L.H.D.

Dean

HELEN TAFT MANNING, PH.D. Office: Taylor Hall.

Dean of the Graduate School

EUNICE MORGAN SCHENCK, PH.D. Office: The Library.

Director of Publication

CAROLINE CHADWICK-COLLINS, A.B. Office: Taylor Hall.

Secretary and Registrar

BARBARA GAVILLER, A.B., B.Sc. Office: Taylor Hall.

Director of Admissions and Assistant to the Dean

JULIA WARD, A.B. Office: Taylor Hall.

Assistant to the President

DOROTHY MACDONALD, A.B. Office: Taylor Hall.

Director of Halls

CHARLOTTE BRANDON HOWE, M.A. Office: Rockefeller Hall.

Wardens of the Halls of Residence

CHARLOTTE BRANDON HOWE, M.A., Rockefeller Hall (*Head Warden*).

EDITH GRANT, A.B., Rockefeller Hall (*Assistant*).

ROSAMOND CROSS, A.B., Denhigh Hall.

ELLEN WATSON FERNON, M.A., Merion Hall.

JOSEPHINE McCULLOCH FISHER, A.B., Pembroke Hall East.

DOROTHY WALSH, M.A., Pembroke Hall West.

KATHERINE MARY PEEK, M.A., Wyndham.

CATHERINE PALMER ROBINSON, M.A., Radnor Hall (*Senior Resident*).

College Physician

MARJORIE JEFFERIES WAGONER, M.D. Office: The Infirmary.

Consultant in Psychiatry and Mental Hygiene

EARL D. BOND, M.D., 707 Old Lancaster Road, Bryn Mawr.

Director of Physical Education and Supervisor of Health

JOSEPHINE PETTS. Office: The Gymnasium.

Director of the Bureau of Recommendations

LOUISE FROST HODGES CRENSHAW, A.B. Office: Taylor Hall.

Librarian

LOIS ANTOINETTE REED, A.B., B.L.S. Office: The Library.

Comptroller

SANDY LEE HURST. Office: Taylor Hall.

Superintendent

JOHN J. FOLEY. Office: Rockefeller Hall

ACADEMIC APPOINTMENTS

ACADEMIC YEAR, 1933-34

TEACHING

MARION EDWARDS PARK, PH.D., LL.D., *President of the College.*

A.B. Bryn Mawr College 1898, M.A. 1899 and Ph.D. 1918. Holder of the Bryn Mawr European Fellowship, 1898-99 and Graduate Student, Bryn Mawr College, 1898-99, 1912-14, 1916-17; American School of Classical Studies, Athens, Greece, 1901-02; Instructor in Classics, Colorado College, 1902-06 and Assistant Professor of Classics, 1914-15; Teacher in Miss Wheeler's School, Providence, R. I., 1906-09; Acting Dean of Bryn Mawr College, 1911-12; Dean of Simmons College, 1918-21; Dean of Radcliffe College, 1921-22; President of Bryn Mawr College, 1922—.

M. CAREY THOMAS, PH.D., LL.D., L.H.D., *President Emeritus of the College.*

A.B. Cornell University 1877; Ph.D. University of Zurich 1882. Studied at the Johns Hopkins University, 1877-78; University of Leipsic, 1879-81. Student in the Sorbonne and Collège de France, 1883; Dean of the Faculty of Bryn Mawr College and Professor of English, 1885-94 and President of the College and Professor of English, 1894-1922.

HELEN TAFT MANNING, PH.D., *Dean of the College.*

A.B. Bryn Mawr College 1915; M.A. Yale University 1916 and Ph.D. 1924. Dean of Bryn Mawr College, 1917-19 and 1925—, Acting President, 1919-20 and 1929-30.

EUNICE MORGAN SCHENCK, PH.D., *Professor of French and Dean of the Graduate School and Holder of a Special Grant.*

A.B. Bryn Mawr College 1907 and Ph.D. 1913. Graduate Student, Bryn Mawr College, 1909, Graduate Scholar, 1909-10 and Fellow in Romance Languages, 1912-13; President's European Fellow and Student in the Sorbonne, Collège de France, University of Grenoble and in Madrid, 1910-12; Reader in French, Bryn Mawr College, 1913-14, Associate in French, 1914-16, Dean of the College and Associate Professor of French, 1916-17, Associate Professor, 1917-25, Professor, 1925— and Dean of the Graduate School, 1929—.

FLORENCE BASCOM, PH.D., *Professor Emeritus of Geology.*

A.B. University of Wisconsin 1882, B.Sc. 1884 and M.A. 1887; Ph.D. Johns Hopkins University 1893. Assistant in Geology and Instructor in Petrography, Ohio State University, 1893-95; Reader in Geology, Bryn Mawr College, 1895-96, Lecturer, 1896-98, Associate, 1898-1903, Associate Professor, 1903-06 and Professor, 1906-1928.

WILLIAM BASHFORD HUFF, PH.D., *Professor Emeritus of Physics.*

A.B. University of Wisconsin 1889; M.A. University of Chicago 1896; Ph.D. Johns Hopkins University 1900. Lecture Assistant in Physics, Johns Hopkins University, 1899-1900, Assistant, 1900-01 and Instructor, 1901-02; Associate in Physics, Bryn Mawr College, 1902-06, Associate Professor, 1906-09 and Professor, 1909-32.

WILMER CAVE WRIGHT, PH.D., *Professor Emeritus of Greek.*

Girton College, University of Cambridge, England, 1888-92; Graduate in Honours, Cambridge Classical Tripos, 1892; Ph.D., University of Chicago, 1895. Fellow in Greek, Bryn Mawr College, 1892-93; Fellow in Latin, University of Chicago, 1893-94 and Fellow in Greek, 1894-95; Reader in Greek and Latin, University of Chicago, 1895-96; Reader in Classical Literature, Bryn Mawr College, 1897-99, Associate in Classical Literature, 1899-1901, Associate in Greek, 1901-04 and 1905-07, Associate Professor, 1907-1921 and Professor, 1921-33.

JAMES H. LEUBA, PH.D., *Professor Emeritus of Psychology.*

B.S. University of Neuchatel 1886; Ph.D. Clark University 1896. Scholar in Psychology, Clark University, 1892-93 and Fellow in Psychology, 1893-95. Associate in Psychology and Education, Bryn Mawr College, 1897-1904, Associate Professor 1904-06 and Professor, 1906-33.

REGINA KATHARINE CRANDALL, PH.D., *Professor Emeritus of English Composition.*

A.B. Smith College 1890; Ph.D. University of Chicago 1902. Graduate Student, University of Chicago, 1893-94 and Fellow in History, 1894-96; Assistant in History, Smith College, 1896-99; Instructor in History, Wellesley College, 1899-1900; Reader in English, Bryn Mawr College, 1902-16, Director of English Essay Work, 1913-16, Associate in English, 1916-17, Associate Professor of English Composition 1917-18 and Professor, 1918-33.

- HENRY NEVILL SANDERS, PH.D., *Alumnæ Professor of Greek.*
 Edinburgh University, 1887-88; Göttingen University, 1894-95. A.B. Trinity University, Toronto, 1894 and M.A. 1897; Ph.D. Johns Hopkins University 1903. Fellow in Greek, Johns Hopkins University, 1897-98; Lecturer in Greek, Latin and Sanskrit, McGill University, 1898-1902; Associate Professor of Greek, Bryn Mawr College, 1902-05 and Professor, 1905—.
- WILLIAM ROY SMITH, PH.D., *Professor of History.*
 A.B. University of Texas 1897 and M.A. 1898; Ph.D. Columbia University 1903. Acting Professor of History and Political Science, University of Colorado, 1900-01; Lecturer in History, Barnard College, 1901-02; Reader in History, Bryn Mawr College, 1902-03, Associate, 1903-07, Associate Professor, 1907-14 and Professor, 1914—.
- LUCY MARTIN DONNELLY, A.B., *Mary Elizabeth Garrett Memorial Alumnæ Professor of English and Holder of the Lucy Martin Donnelly Grant.*
 A.B. Bryn Mawr College 1893. University of Oxford and University of Leipsic, 1893-94; Sorbonne and Collège de France and University of Leipsic, 1894-95; Reader in English, Bryn Mawr College, 1896-1903, Lecturer, 1903-08, Associate Professor, 1908-11 and Professor, 1911—.
- DAVID HILT TENNENT, PH.D., *Professor of Biology and Holder of a Julius and Sarah Goldman Grant.*
 B.S. Olivet College 1900; Ph.D. Johns Hopkins University 1904. Fellow, Johns Hopkins University, 1902-04; Bruce Fellow, Johns Hopkins University, 1904 and 1912; Lecturer in Biology, Bryn Mawr College, 1904-05, Associate, 1905-06, Associate Professor, 1906-12 and Professor, 1912—, Visiting Professor, Keio University, 1930-31.
- MARION PARRIS SMITH, PH.D., *Professor of Economics.*
 A.B. Bryn Mawr College 1901 and Ph.D. 1907. Graduate Student, Bryn Mawr College, 1902-03, Fellow in Economics and Politics, 1905-06; Bryn Mawr College Research Fellow and Student in Economics and Politics, University of Vienna, 1906-07; Reader in Economics and Politics, Bryn Mawr College, 1907-08, Associate in Economics, 1908-12, Associate Professor, 1912-16 and Professor, 1916—.
- GRACE MEAD ANDRUS DE LAGUNA, PH.D., *Professor of Philosophy.*
 A.B. Cornell University 1903 and Ph.D. 1906. Sage Scholar in Philosophy, Cornell University, 1903-05; Reader in Philosophy, Bryn Mawr College, 1907-08, Associate 1911-16, Associate Professor, 1916-29 and Professor, 1929—.
- SAMUEL CLAGGETT CHEW, PH.D., *Professor of English Literature and Holder of The Mary Hill Swope Grant.*
 A.B. Johns Hopkins University 1909 and Ph.D. 1913. Fellow, Johns Hopkins University, 1910-12; Associate in English, Bryn Mawr College, 1914-16, Associate Professor, 1916-20 and Professor, 1920—.
- SUSAN MYRA KINGSBURY, PH.D., *Carola Woerishoffer Professor of Social Economy and Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research.*
 A.B. College of the Pacific 1890; M.A. Leland Stanford Jr. University 1899; Ph.D. Columbia University 1905. University Fellow, Columbia University, 1902-03; Holder of the European Fellowship of the Women's Education Association, Boston, Mass., 1903-04; Instructor in History, Vassar College, 1904-05; Director of Investigation, Massachusetts Commission on Industrial and Technical Education, 1905-06; Instructor in History and Economics and Head of Department, Simmons College, 1906-07; Assistant, Associate and Professor in Economics, Simmons College and Director of the Department of Research, Women's Educational and Industrial Union, Boston, 1907-15; Carola Woerishoffer Professor of Social Economy and Social Research, Bryn Mawr College, 1915—.
- GEORGIANA GODDARD KING, M.A., *Professor of the History of Art and Holder of a Special Grant.*
 A.B. Bryn Mawr College 1896 and M.A. 1897. Fellow in Philosophy, Bryn Mawr College, 1896-97 and Fellow in English, 1897-98; Studied at Collège de France, Semester I, 1898-99; Reader in English, Bryn Mawr College, 1906-10, Reader in English and Lecturer in Art, 1910-11, Lecturer in History of Art and Comparative Literature, 1911-15, Associate Professor of History of Art, 1915-16 and Professor, 1916—.
- RHYS CARPENTER, PH.D., *Professor of Classical Archaeology and Greek and Holder of a Julius and Sarah Goldman Grant.*
 A.B. Columbia University 1911 and Ph.D. 1916; B.A. University of Oxford 1911 and M.A. 1914. Rhodes Scholar, Balliol College, Oxford, 1908-11; Drisler Fellow in Classics, Columbia University, 1911-13; Student, American School of Classical Studies at Athens, 1912-13. Lecturer in Classical Archaeology, Bryn Mawr College, 1913-15, Associate Professor, 1915-18 (absent for military service, 1917-19) and Professor,

- 1918—. Attached to American Commission to Negotiate Peace at Paris, 1918-19. (On leave of absence to fill the post of Annual Professor at the American Academy in Rome, 1926-27 and Director of the American School of Classical Studies at Athens, 1927-32.)
- CHARLES GHEQUIERE FENWICK, PH.D.,** *Professor of Political Science.*
A.B. Loyola College 1907; Ph.D. Johns Hopkins University 1912. Student of Political Science, Johns Hopkins University, 1909-11; Law Clerk, Division of International Law in the Carnegie Endowment for International Peace, 1911-14; University of Freiburg, Summer, 1913; Lecturer on International Law, Washington College of Law, 1912-14; Lecturer in Political Science, Bryn Mawr College, 1914-15, Associate Professor, 1915-18 and Professor, 1918—.
- HOWARD LEVI GRAY, PH.D.,** *Marjorie Walter Goodhart Professor of History and Holder of the Marjorie Walter Goodhart Grant.*
A.B. University of Rochester 1897; A.B. Harvard University 1898, M.A. 1900 and Ph.D. 1907. Instructor in History, Harvard University, 1909-13 and Assistant Professor, 1914-15; Professor of History, Bryn Mawr College, 1915— (absent for government service, 1918-19).
- JAMES LLEWELLYN CRENSHAW, PH.D.,** *Professor of Physical Chemistry.*
A.B. Centre College 1907 and M.A. 1908; Ph.D. Princeton University 1911. Assistant Chemist in the Geophysical Laboratory of the Carnegie Institution, Washington, D. C., 1910-15; Associate in Physical Chemistry, Bryn Mawr College, 1915-18, Associate Professor, 1918-25 (absent for military service, 1917-19) and Professor, 1925—.
- SAMUEL ARTHUR KING, M.A.,** *Non-resident Lecturer in English Diction.*
M.A. University of London 1900. Special Lecturer in Public Speaking, Johns Hopkins University, 1901; Special Lecturer in Speech, University of California, 1902; Non-resident Lecturer in English Diction, Bryn Mawr College, 1902—.
- ANNA PELL-WHEELER, PH.D., SC.D.,** *Professor of Mathematics.*
A.B. University of South Dakota 1903; M.S. University of Iowa 1904; M.A. Radcliffe College 1905; Ph.D. University of Chicago 1910. Instructor in Mathematics, Mount Holyoke College, 1911-14 and Associate Professor of Mathematics, 1914-18; Associate Professor of Mathematics, Bryn Mawr College, 1918-25, Professor, 1925-27, Non-resident Lecturer, 1928-30 and Semester II, 1930-31 and Professor, 1931—.
- CHARLES WENDELL DAVID, PH.D.,** *Professor of European History.*
A.B. University of Oxford 1911; M.A. University of Wisconsin 1912; Ph.D. Harvard University 1918. Rhodes Scholar, University of Oxford, 1908-11. Instructor in History, University of Washington, 1915-18; Associate Professor of European History, Bryn Mawr College, 1918-27 and Professor, 1927—.
- MARY HAMILTON SWINDLER, PH.D.,** *Professor of Classical Archaeology.*
A.B. University of Indiana 1905 and M.A. 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Greek, Bryn Mawr College, 1906-07 and Fellow in Greek, 1907-09; Mary E. Garrett European Fellow and Student, University of Berlin and the American School of Classical Studies in Athens, 1909-10; Acting Dean of Women, University of Indiana, summers, 1911, 1913; Reader in Latin and Demonstrator in Art and Archaeology, Bryn Mawr College, 1912-16, Instructor in Latin and Classical Archaeology, 1916-21, Associate, 1921-25, Associate Professor, 1925-31 and Professor of Classical Archaeology, 1931—. Editor-in-Chief, *American Journal of Archaeology*, 1932—.
- HORACE ALWYNE, F.R.M.C.M.,** *Professor of Music and Director of the Department of Music.*
Holder of Sir Charles Hallé Memorial Scholarship, 1909-12, Gold Medallist and graduate (with distinction) of Royal Manchester College of Music, England, 1912. Honorary Fellow, Royal Manchester College of Music, 1924. Director of Music, Manchester Grammar School, 1911-12; Head of Piano Department, Skidmore School of Arts, Saratoga Springs, N. Y., 1914-21; Student of Professor Max Mayer (England) and Professor Michael von Zadora (Berlin); Associate Professor of Music, Bryn Mawr College, 1921-27 and Professor, 1927—.
- ROGER HEWES WELLS, PH.D.,** *Professor of Economics and Politics.*
A.B. Northwestern University 1916; M.A. Harvard University 1921 and Ph.D. 1923. Teacher in the High School, Quincy, Illinois, 1916-17; On military service, 1917-19; Assistant in Government, Harvard University, 1920-22; Austin Teaching Fellow in Government, Harvard University, 1922-23; Assistant in Government, Radcliffe College, 1922-23; Associate in Economics and Politics, Bryn Mawr College, 1923-27; Associate Professor, 1927-33 and Professor, 1933—. Guggenheim Fellow in Germany, 1927-28.
- JOSEPH E. GILLET, PH.D.,** *Professor of Spanish.*
Ph.D. University of Liège 1910. Assistant Lecturer in French, University of Edinburgh, 1910-11; Student in the Universities of Paris, Leyden, Munich and Berlin, 1911-13; Instructor in German, University of Wisconsin, 1913-15; Associate in Comparative Literature and Romance Languages, University of Illinois, 1915-18 (absent for military service, 1918-19); Student in Spain, 1919-20; Assistant Professor of Romance Languages, University of Minnesota, 1921-24; Visiting Professor, Princeton University, Semester I, 1928-29 and 1929-30. Associate Professor of Spanish, Bryn Mawr College, 1924-29 and Professor, 1929—.

- AGNES LOW ROGERS,* PH.D., *Professor of Education and Psychology*.
M.A. St. Andrews University, Scotland, 1908; Graduate in Honours, Moral Sciences Tripos, University of Cambridge, 1911; Ph.D. Columbia University 1917. Marion Kennedy Student and Research Scholar, Columbia University, 1914-15, Research Fellow, 1915-16 and Lecturer in Educational Psychology, 1916-18; Professor of Education, Goucher College, 1918-23; Professor of Education and Psychology, Smith College, 1923-25; Professor of Education and Psychology, Bryn Mawr College, 1925—.
- MAX DIEZ, PH.D., *Associate Professor of German Literature*.
A.B. Washington University 1909 and M.A. 1910; Ph.D. University of Texas 1916. Fellow in German, Washington University, 1909-10; Assistant in German, University of Wisconsin, 1910-11; Instructor in German, Washington University, 1911-15; Assistant Professor of German, University of Texas, 1915-18; (war service, 1918-19); Professor of German, Centre College, 1921-25; Associate in German, Bryn Mawr College 1925-27 and Associate Professor, 1927—.
- HENRY JOEL CADBURY, PH.D., *Professor of Biblical Literature and Holder of the Rufus M. Jones Grant*.
A.B. Haverford College 1903; M.A. Harvard University 1904 and Ph.D. 1914. Master in Westtown School, 1905-08; Instructor, Assistant Professor and Associate Professor in Biblical Literature, Haverford College, 1910-19; Instructor in Greek, 1910-11; Associate Professor of Greek, 1918-19; Lecturer and Assistant Professor of New Testament Interpretation, Andover Theological Seminary, 1919-26; Lecturer on the Old Testament, Episcopal Theological School, Cambridge, 1924-26; Assistant Professor of New Testament Interpretation, Harvard University, 1922-26; Professor of Biblical Literature, Bryn Mawr College, 1926-34.
- LILY ROSS TAYLOR,† PH.D., *Professor of Latin*.
A.B. University of Wisconsin 1906; Ph.D. Bryn Mawr College 1912. Graduate Scholar in Latin, Bryn Mawr College, 1906-07, Fellow, 1907-08, Reader, 1908-09 and Reader and Demonstrator in Archaeology, 1910-12; Instructor in Latin, Vassar College, 1912-19; Fellow of the American Academy in Rome, 1917-18, 1919-20; Assistant Professor of Latin, Vassar College, 1919-22, Associate Professor, 1922-25 and Professor, 1925-27. Professor of Latin, Bryn Mawr College, 1927—.
- GRACE FRANK, A.B., *Non-resident Professor of Old French Philology*.
A.B. University of Chicago 1907. Graduate Student, Bryn Mawr College, 1908-10, 1913-16; Universities of Göttingen and Berlin, 1911; University of Pennsylvania, 1918-19; Lecturer in Romance Philology, Bryn Mawr College, 1926-27, non-resident Associate Professor of Old French Philology, 1927-33 and non-resident Professor, 1933—.
- EMMY NOETHER, PH.D., *Visiting Professor of Mathematics*.
University of Erlangen, Germany, 1907; Privat dozent, Göttingen, Germany, 1919 and Associate Professor, 1922-23. Visiting Professor of Mathematics, Bryn Mawr College, 1933—.
- MARGARET GILMAN,‡ PH.D., *Associate Professor of French*.
A.B. Bryn Mawr College 1919, M.A. 1920 and Ph.D. 1924. Graduate Scholar in French, 1919-20 and Fellow in French, 1920-22; Fellow, Ecole Normale Supérieure de Sèvres and Student, University of Paris, 1922-23; Instructor in French, Bryn Mawr College, 1923-26, Associate, 1926-30 and Associate Professor, 1930—.
- ILSE FOREST,§ PH.D., *Associate Professor of Education*.
B.S. Teachers College, Columbia University, 1922 and M.A. 1923; Ph.D. Columbia University 1927. Teacher and Critic, Kindergarten and Elementary Grades, 1915-23; Demonstration Teacher, State Normal School, New Paltz, New York, 1923-24; Laura Spelman Rockefeller Fellow, Columbia University, 1925-26; Professor of Child Psychology, Iowa State Teachers College, 1926-27; Associate in Education, Bryn Mawr College, 1927-28 and Associate Professor, 1928—.
- STEPHEN JOSEPH HERBEN, JR., PH.D., *Associate Professor of English Philology*.
B.Litt. Rutgers University 1920; M.A. Princeton University 1921 and Ph.D. 1924. Graduate Student, Columbia University, summer, 1922; Fellow of the American Scandinavian Foundation, University of Copenhagen, 1922-23; Special Coach in Old English, Oxford University, 1923-24. Contributing consultant for C. and G. Merriam and Company, 1926-27. Instructor in English, Princeton University, 1924-28. Associate Professor of English Philology, Bryn Mawr College, 1928—.
- FRITZ MEZGER, PH.D., *Associate Professor of Germanic Philology*.
Ph.D. University of Berlin 1921. Studied at the University of Tübingen, 1911-12, University of Munich, 1912-13, University of Geneva, 1913, University of Paris, 1913-14, University of Munich, 1919, University of Berlin, 1920-22. Instructor in German, Harvard University, 1927-28; Associate Professor of Germanic Philology, Bryn Mawr College, 1928—.

* On leave of absence for the years 1932-34.

† Granted leave of absence for the year 1934-35 to be Acting Professor in charge of the School of Classical Studies of the American Academy in Rome.

‡ On leave of absence Semester II of the year 1933-34.

§ Granted leave of absence for the year 1934-35.

THOMAS ROBERT SHANNON BROUGHTON, PH.D., Associate Professor of Latin.

B.A. University of Toronto 1921 and M.A. 1922; Ph.D. Johns Hopkins University 1928. Student, University of Chicago, spring 1922 and 1923 and summer 1925. Rogers Fellow, Johns Hopkins University, 1925-26 and 1927-28; Instructor in Greek, Amherst College, 1926-27; Associate in Latin, Bryn Mawr College, 1928-30 and Associate Professor, 1930—.

JEAN M. F. CANU,* Agrégé de l'Université, Associate Professor of French.
Licencié-ès-lettres, 1917 and *Agrégé de l'Université*, University of Paris, 1920. Professor, Lycée of Alger, 1920-21, Lycée of Beauvais, 1921-23, Lycée of Bordeaux, 1923-26; Laura Spelman Rockefeller Memorial Fellow, 1926-28; Associate Professor of French, Bryn Mawr College, 1928—.

HARRY HELSON,* Ph.D., Professor of Experimental Psychology.

A.B. Bowdoin College 1921; M.A. Harvard University 1922 and Ph.D. 1924. Instructor in Psychology, Cornell University, 1924-25; Instructor in Psychology, University of Illinois, 1925-26; Assistant Professor of Psychology, University of Kansas, 1926-28; Associate Professor of Experimental Psychology, Bryn Mawr College, 1928-33 and Professor, 1933—.

ERNEST WILLOUGHBY, A.R.C.M., Associate in Music.

A.R.C.M. London 1922. Organist and Choir Master, Ross Parish Church, 1913-15. Suborganist and Choir Director, Hereford Cathedral, Music Master, Hereford Cathedral School, England; Assistant Director, Hereford Choral Society and Hereford Orchestral Society and Hereford Musical Festival, 1918-22. Instructor in Music, Bryn Mawr College, 1923-29 and Associate, 1929—.

MARGUERITE LEHR, PH.D., Associate in Mathematics.

A.B. Goucher College 1919; Ph.D. Bryn Mawr College 1925. Reader and Graduate Student in Mathematics, Bryn Mawr College, 1919-21, President's European Fellow and Fellow in Mathematics, 1921-22, Fellow by Courtesy and Graduate Scholar in Mathematics, 1922-23; American Association of University Women Fellow and Student, University of Rome, 1923-24; Instructor in Mathematics, Bryn Mawr College, 1924-29 and Associate, 1929—.

MARY SUMMERFIELD GARDINER, PH.D., Associate Professor of Biology.

A.B. Bryn Mawr College 1918, M.A. 1924 and Ph.D. 1927. Information Secretary, Y. W. C. A. Hostess House, Camp Mills, L. I., 1918-19; Secretary and Social Worker, Henry Street Settlement, New York City, 1920-21; Warden of Denbigh Hall, Bryn Mawr College, 1921-24 and of Pembroke Hall West, 1925-27. Graduate Student, Bryn Mawr College, 1922-24 and 1925-27 and University Student, London, 1924-25; Instructor in Biology, Bryn Mawr College, 1927-29 and Assistant to the Dean, Semester II, 1928-29, Associate in Biology and Assistant to the Dean, 1929-30, Associate in Biology, 1930-31 and Associate Professor, 1931—.

ENID GLEN, PH.D., Associate in English.

A.B. University of Manchester 1923; University Teachers' Diploma 1924 and Ph.D. 1926. Graduate Scholar in English, University of Manchester, 1923-24 and John Bright Fellow in English Literature, 1925-26; Frances Riggs Fellow, University of Michigan, 1926-27. Instructor in English, Vassar College, 1927-28; Staff Tutor in Literature, Loughborough College (University of Nottingham), 1928-29; Associate in English, Bryn Mawr College, 1929—.

MADELEINE SOUBEIRAN,† Agrégée de l'Université, Associate in French.

École Normale Supérieure de Sèvres 1924-27. *Agrégée de l'Université*, University of Paris, 1927. Teacher in Lycée, Aix-en-Provence, 1927-29; Associate in French, Bryn Mawr College, 1929—.

CAROLINE ROBBINS, PH.D., Associate in History.

A.B. University of London 1924 and Ph.D. 1926. Christie Research Fellow in History at Royal Holloway College and the Institute of Historical Research, London, 1924-26; Riggs Fellow at the University of Michigan, 1926-27; Instructor in History, College for Women, Western Reserve University, 1927-28; Instructor in History, Bryn Mawr College, Semester II, 1928-29 and 1929-30 and Associate, 1930—.

GUSTAV A. HEDLUND,‡ Ph.D., Associate and Associate Professor-elect of Mathematics.

A.B. Harvard University 1925 and Ph.D. 1930; M.A. Columbia University 1927. Instructor in Mathematics, Hunter College, 1925-27; Part-time Instructor in Mathematics and Graduate Student, Harvard University, 1927-30; Instructor in Mathematics, Radcliffe College, 1928-30; Associate in Mathematics, Bryn Mawr College, 1930-33 and Associate Professor-elect, 1934.

* Granted leave of absence for the year 1934-35.

† On leave of absence Semester I of the year 1933-34.

‡ On leave of absence for the year 1933-34.

ANGELINE HELEN LOGRASSO, PH.D., Associate Professor of Italian.

A.B. University of Rochester 1917 and M.A. 1918; Ph.D. Radcliffe College, 1927. Graduate Student in Romance Languages, Columbia University, summers 1919, 1920 and 1923. Graduate Student in History, Harvard University, summer, 1921. Rebecca Greene Fellow, Radcliffe College, 1925-26 and 1926-27; Augustus Anson Whitney Travelling Fellow in England, France and Italy, 1927-28; Instructor in Romance Languages, University of Rochester and the East High School, Rochester, 1917-25; Assistant Professor of French and Italian, University of Rochester, 1928-30; Associate Professor of Italian, Bryn Mawr College, 1930—.

EDWARD H. WATSON, PH.D., Associate Professor of Geology.

A.B. Johns Hopkins University 1925 and Ph.D. 1929. Instructor in Geology, Johns Hopkins University, 1928-30; Associate in Geology, Bryn Mawr College, 1930-33 and Associate Professor, 1933—.

NELSON KELLOGG RICHTMYER, PH.D., Associate in Chemistry.

A.B. Harvard University 1923, M.A. 1925 and Ph.D. 1927. Research Assistant in Chemistry, Harvard University, 1927-28 and 1929-30; Research Student, University of Heidelberg, 1928-29; Associate in Chemistry, Bryn Mawr College, 1930-34.

MILDRED FAIRCHILD, PH.D., Associate and Associate Professor-elect of Social Economy.

A.B. Oberlin College 1916 and M.A. 1925; Ph.D. Bryn Mawr College 1929. On Staff of Fisk University, 1916-18; War Camp Community Service, 1918-20; Playground and Recreation Association of America, 1920-22; Oberlin College Campaign Field Organizer, 1923. Fellow in Social Economy and Social Research, Bryn Mawr College, 1925-27; Research Assistant in Social Economy and Graduate Student, Bryn Mawr College, 1927-28. Gamma Phi Beta Fellow of the American Association of University Women and Student, London School of Economics, 1928-29. Traveller in Russia and Research Worker on the Condition of Women in Industry under the auspices of the Society for the Advancement of Cultural Relations with Russia 1929-30; Associate in Social Economy and Social Research, Bryn Mawr College, 1930-34 and Associate Professor-elect, 1934.

LINCOLN DRYDEN, PH.D., Associate and Associate Professor-elect of Geology.

A.B. Johns Hopkins University 1925 and Ph.D. 1930. Geologist with the Maryland Geological Survey, summers 1927, 1929; Assistant Geologist with the Sinclair Exploration Company in Venezuela, 1928; Associate in Geology, Bryn Mawr College, 1930-34 and Associate Professor-elect, 1934.

MILTON CHARLES NAHM, B.LITT., PH.D., Associate and Associate Professor-elect of Philosophy.

A.B. University of Pennsylvania 1925 and M.A. 1926; B.A. Oxford University 1928 and B.Litt. 1929; Ph.D. University of Pennsylvania 1932. Rhodes Scholar, 1926-29. Instructor in Philosophy, University of Pennsylvania, 1929-30; Lecturer in Philosophy, Bryn Mawr College, 1930-31, Associate, 1931-34 and Associate Professor-elect, 1934.

VALENTIN MÜLLER, PH.D., Associate Professor of Classical Archaeology.

Ph.D. University of Berlin 1915. Student at the University of Göttingen, 1908, at Munich, 1909, at Bonn, 1910-12 and at Berlin, 1913-15. Assistant at the Archaeological Seminary of the University of Berlin, 1919-21; Fellow Traveller of the German Archaeological Institute at Rome, 1921-23; Privatdozent, University of Berlin, 1923-29; Extraordinary Professor, University of Berlin, 1929-31. Associate Professor of Archaeology, Bryn Mawr College, Semester II, 1931-32, 1932—.

JANE MARY DEWEY, PH.D., Associate Professor of Physics.

A.B. Barnard College 1922; Ph.D. Massachusetts Institute of Technology 1925. Barnard College International Fellow, University Institute of Theoretical Physics, Copenhagen, 1925-26; Rask-Orsted Foundation Fellow, Copenhagen, 1926-27; National Research Council Fellow, Princeton University, 1927-29; Research Fellow, University of Rochester, 1929-31; Associate in Physics, Bryn Mawr College, 1931-33 and Associate Professor, 1933—.

PAUL WEISS, PH.D., Associate Professor of Philosophy.

B.S.S. College of the City of New York 1927; M.A. Harvard University 1928 and Ph.D. 1929. University Scholar, Harvard University, 1927-28; Sears Scholar in Philosophy, 1928-29; Sears Travelling Scholar in Philosophy at Freiburg, Germany and the Sorbonne, 1929-30; Instructor and Tutor in Philosophy, Harvard University and Instructor, Radcliffe College, 1930-31; Associate in Philosophy, Bryn Mawr College, 1931-33 and Associate Professor, 1933—.

ERNEST WESLEY BLANCHARD, PH.D., Associate Professor of Biology.

Ph.B. Brown University 1927; M.S. State University of Iowa 1929; Ph.D. Princeton University 1930. Graduate Assistant in Zoology, State University of Iowa, 1927-29; Instructor, summer session, Iowa University, 1929; Research Assistant, Princeton University, 1929-30; Assistant Professor of Zoology, University of Maryland, 1930-31; Associate in Biology, Bryn Mawr College, 1931-33 and Associate Professor, 1933—.

WILLIAM WELCH FLEXNER, Ph.D., Associate in Mathematics.

B.S. Harvard University 1926; M.A. Princeton University 1927 and Ph.D. 1930. Fellow in Mathematics, Princeton University, 1927-28, Proctor Fellow, 1928-29, Research Associate, 1929-30 and Instructor, 1930-31. Lecturer in Mathematics, Bryn Mawr College, 1931-32 and Associate, 1932-34.

MYRA RICHARDS JESSEN, Ph.D., Associate in German.

A.B. Bryn Mawr College 1915 and Ph.D. 1932. Teacher, Friends Central School, Philadelphia, 1920-21, the Baldwin School, Bryn Mawr, 1921-24; Graduate Student, Bryn Mawr College, 1922-24 and 1926-28, University of Hamburg, Semester II, 1924-25; Anna Ottendorfer Memorial Research Fellow studying at the University of Berlin, 1928-29; Instructor in German, Bryn Mawr College, 1923-28 and 1929-32; Associate, 1932—.

WALTER C. MICHELS, Ph.D., Associate and Associate Professor-elect of Physics.

E.E. Rensselaer Polytechnic Institute 1927; Ph.D. California Institute of Technology 1930. Teaching Assistant in Physics, California Institute of Technology, 1927-29 and Teaching Fellow, 1929-30; National Research Fellow in Physics, Princeton University, 1930-32. Associate in Physics, Bryn Mawr College, 1932-34 and Associate Professor-elect, 1934.

LELAH MAE CRABBS, Ph.D., Lecturer in Education.

B.S. Columbia University 1917, M.A. 1922 and Ph.D. 1925. Assistant Principal, Harvard Demonstration Primary School, Milton, Mass., 1914-16; Principal, Elementary Department, Mary C. Wheeler Town and Country School, Providence, R. I., 1916-20; Associate, Elementary Education, Measurements and Research, Teachers College, Columbia University, 1922-23; Supervisor psychology and educational measurements, Rutherford, N. J., 1922-24; Lecturer, Elementary Education, 1923-25; Psychologist and Psychological Research Worker, Merrill-Palmer Home Training School, Detroit, Mich., 1925-28; Research Associate in Psychology and Assistant Professor in Education, Teachers College, Columbia University, 1928-30. Lecturer in Education, Bryn Mawr College, 1932-34.

ERNST DIEZ, Ph.D., Associate Professor of the History of Art.

Ph.D., University of Graz, Styria, 1902. Assistant in the Department of Mohammedan Art, Kaiser Friedrich Museum, Berlin, 1908-11; Assistant in the Department of History of Art, Vienna University, 1911-18; Privat dozent, 1919 and Associate Professor, 1924-26. Acting Professor of History of Art, Western Reserve University, 1930-32. Associate Professor of History of Art, Bryn Mawr College, 1926-30 and 1933—.

CLARA MARBURG KIRK, Ph.D., Associate Professor of English Composition on the Margaret Kingsland Haskell Foundation.

A.B. Vassar College 1920; M.A. University of Pennsylvania 1921; Ph.D. University of Chicago, 1929. Holder of Vassar College Fellowship 1920-21, of Committee on Belgian Relief Fellowship, 1921-23, of the Mary Richardson and Lydia Pratt Babbitt Fellowship of Vassar College, 1926-27; Graduate Fellow at the University of Chicago 1927-28. Instructor in English, Vassar College, 1923-26 and 1928-29 and Assistant Professor, 1929-33. Associate Professor of English Composition, Bryn Mawr College, 1933—.

DONALD WALLACE MACKINNON, Ph.D., Associate in Psychology.

A.B. Bowdoin College 1925; M.A. Harvard University 1926 and Ph.D. 1933. Instructor in Psychology, University of Maine, 1927-28; Instructor in Abnormal and Dynamic Psychology, Harvard University, 1928-30; Frederick Sheldon Travelling Fellow of Harvard University at the University of Berlin, 1930-31; Instructor in Abnormal and Dynamic Psychology and Tutor in the Division of Philosophy, Harvard University and Radcliffe College, 1931-33. Associate in Psychology, Bryn Mawr College, 1933—.

CORNELIA LYNDE MEIGS, A.B., Associate in English.

A.B. Bryn Mawr College, 1908. Principal of a Private School, Keokuk, Iowa, 1908-10. Teacher of English, St. Katharine's School, Davenport, Iowa, 1912-13. Writer of Stories for Children for the MacMillan Company, New York, 1913—, for Little Brown and Company, Boston, 1927—. Instructor in English, Bryn Mawr College, 1932-33 and Associate, 1933—.

DOROTHY WYCKOFF, Ph.D., Associate in Geology.

A.B. Bryn Mawr College 1921; M.A. 1928 and Ph.D. 1932. Graduate Scholar in Geology, Bryn Mawr College, 1921-22 and Graduate Student, 1922-23 and 1925-26; Teacher in the Misses Kirk's School, Bryn Mawr, 1922-25; Demonstrator in Geology and Graduate Student, Bryn Mawr College, 1925-28; Fanny Bullock Workman Fellow, studying at the Kongelige Frederiks Universitet, Oslo, Norway, 1928-29 and Fellow of the American Scandinavian Foundation, Oslo, 1929-30; Fellow in Geology, Bryn Mawr College, 1930-31, Demonstrator, 1931-32, Instructor, 1932-33 and Associate, 1933—.

HERBERT ADOLPHUS MILLER, PH.D., Lecturer in Social Economy.

A.B. Dartmouth College 1899 and M.A. 1902; Ph.D. Harvard University 1905; studied at University of Chicago 1911. Assistant Professor of Philosophy and Sociology, Olivet College, 1905-07, Professor 1907-14; Professor of Sociology, Oberlin College, 1914-25; Professor of Sociology, Ohio State University, 1924-31; University of California summer 1922; Lecturer, Yenching University, Peiping, China and Universities of China, India and Syria 1929-30. Lecturer in Social Economy, Bryn Mawr College, 1933—.

ADRIENNE CAROLINE GOBERT,

Licenciée-ès-lettres, Docteur en droit, Lecturer in French.

Licenciée-ès-lettres University of Poitiers 1915; *Licenciée-en-droit* University of Paris 1919 and *Docteur en droit* 1925. Teacher in secondary schools in England, France and Turkey, 1916-22; Sous-directrice et Professeur au Lycée de Jeunes Filles, Cairo, Egypt, 1925-27; Professeur de Français à l'École Secondaire de Jeunes Filles Egyptienne de Choubrah, Cairo, 1927-29; Lectrice à la Faculté des Lettres, Cairo, 1929-31; Instructor in French, Hunter College, 1931-33. Lecturer in French, Bryn Mawr College, 1933-34.

LOUISE ADAMS HOLLAND, PH.D., Lecturer in Latin.

A.B. Barnard College 1914 and M.A. 1915; Ph.D. Bryn Mawr College 1920. Instructor in Latin, Smith College, 1918-21 and Assistant Professor of Latin, 1921-23, with leave of absence as Fellow at the American Academy in Rome, 1922-23; Assistant Professor of Latin, Vassar College, 1925-27. Lecturer in Latin, Bryn Mawr College, 1928-30, Semester II, 1931-32, Semester II, 1932-33 and 1933—.

ARTHUR CLAY COPE, PH.D., Associate-elect in Chemistry.

B.S. Butler University 1929; Ph.D. University of Wisconsin 1932. Undergraduate Assistant in Chemistry, Butler University, 1926-29; Assistant in Chemistry, University of Wisconsin, 1929-31 and Fellow, 1931-32; National Research Fellow, Harvard University, 1932-34. Associate-elect in Chemistry, Bryn Mawr College, 1934.

KARL L. ANDERSON, PH.D., Associate-elect in Economics and Politics.

B.Sc. Allison University, New Brunswick, Canada, 1928; M.A. Harvard University 1930 and Ph.D. 1932. Lecturer in Economics, Maritime Summer School, Sackville, New Brunswick, Canada, July and August, 1929 and July and August, 1930; Instructor in Economics and Tutor in the Division of History, Government and Economics, Harvard University, 1930-34. Associate-elect in Economics and Politics, Bryn Mawr College, 1934.

MILTON FRANKLIN METFESSEL, PH.D., Lecturer-elect in Psychology.

A.B. Iowa State Teachers College 1921; M.A. State University of Iowa 1924 and Ph.D. 1925. Fellow in Psychology, State University of Iowa, 1923-25; National Research Fellow in Psychology, State University of Iowa and European universities, 1925-28; Associate Professor of Psychology, State University of Iowa, 1928-29; Professor of Psychology, University of Southern California, 1929-34. Lecturer-elect in Psychology, Bryn Mawr College, 1934.

HOWARD HAINES BRINTON, PH.D., Lecturer-elect in Biblical Literature.

A.B. Haverford College 1904 and M.A. 1905; M.A. Harvard University 1909; Ph.D. University of California 1924. Instructor, Friends Boarding School, Barnesville, Ohio, 1906-08, Pickering College, Newmarket, Ontario, Canada, 1909-15; Professor of Mathematics, Guilford College, Guilford, N. C., 1915-19, Acting President, 1917-18, Dean, 1918; Publicity Director, American Friends Service Committee, 1919-20; Director of Child Feeding in plebiscite area, Upper Silesia, 1920-21; Professor of Physics, Earlham College, 1922-23; Professor of Religion, Mills College, 1928-1934; Swarthmore Lecturer, London, 1931; Research Fellow, Woodbrook College, Selly Oak College, England, autumn 1931; Lecturer in Philosophy, Haverford College, spring 1932; Acting Director of Pendle Hill, Wallingford, Pa., 1934—. Lecturer-elect in Biblical Literature, Bryn Mawr College, 1934.

FRANCES M. CLARKE, PH.D., Lecturer-elect in Education.

A.B. Barnard College 1924; M.A. Teachers College 1925 and Ph.D. 1929. Instructor, Bradford Academy and Junior College, 1925-26; Assistant in Education, Teachers College, 1926-28, Instructor in Education, Child Education Foundation Training School, 1927-28; Instructor in Education, Bryn Mawr College, 1928-29; Assistant Head of Department of Education, Genesee Normal School, 1929-31; Assistant Professor of Education, Connecticut College, 1931-34. Lecturer-elect in Education, Bryn Mawr College, 1934.

ELEANOR LANSING DULLES, PH.D., Non-resident Lecturer in Economics.

A.B. Bryn Mawr College 1917 and M.A. 1920; Ph.D. Radcliffe College 1926. Relief Worker in Paris 1917-18; Reconstruction Worker, American Friends Service Committee in France, 1918-19; Intercollegiate Community Service Association Fellow, Bryn Mawr College, 1919-20; Employment Manager, S. Gembly, Long Island City, 1920-21; Graduate Student, London School of Economics, 1921-22 and Harvard University, 1922; Instructor in Economics, Simmons College, 1924-25; Student, University of Paris, 1925-26; Research Assistant, Bureau of International Research, Harvard University and Radcliffe College, 1926-27; Instructor in Economics, Simmons College, 1927-28. Research Associate, Industrial Research Department, University of Pennsylvania, 1932-

34. Associate in Social Economy and Social Research, Bryn Mawr College, 1928-30, Lecturer in Economics, Semester II, 1931-32 and non-resident Lecturer, 1932-34.
- ALMENA DAWLEY, M.A.,** *Non-resident Lecturer in Social Economy.*
A.B. Oberlin College 1912; M.A. University of Chicago 1915. Statistical Worker, Metropolitan Life Insurance Company, New York, 1912-13; Sociologist, Laboratory of Social Hygiene, Bedford Hills, New York, 1915-18; Assistant to the Director, in charge of Research, Interdepartmental Social Hygiene Board, Washington, D. C., 1918-19; Director, Department of Research and Investigation, Women's Coöperative Alliance, Minneapolis, 1919-20; Director of Investigation, Committee to Study Visiting Nursing, 1922-23; Supervisor, Department of Social Investigation, Pennsylvania School of Social and Health Work, 1920-25; Chief Social Worker, Philadelphia Child Guidance Clinic, 1925—. Non-resident Lecturer in Social Economy, Bryn Mawr College, 1928—.
- MINOR WHITE LATHAM, Ph.D.,** *Non-resident Lecturer in English.*
A.B. Mississippi State College for Women 1901; M.A. Columbia University 1912 and Ph.D. 1930. Graduate Student, Bryn Mawr College, 1902-04; Graduate Student, University of Mississippi, 1907-08; Graduate Student, Columbia University, 1911-15. Instructor in English, Mississippi State College for Women, 1908-10 and Head of the English Department, 1910-11. Lecturer in English, Barnard College, Columbia University, 1914-15, Instructor 1915-29; Instructor in Playwriting, Columbia University, 1918-29 and summers, 1918-22, 1924, 1926-28; Assistant Professor in English, Barnard College, Columbia University, 1929—. Non-resident Lecturer in English, Bryn Mawr College, 1932—.
- HOWARD HAWKS MITCHELL, Ph.D.,** *Non-resident Lecturer in Mathematics.*
Ph.B. Marietta College 1906; Ph.D. Princeton University 1910. Fellow in Mathematics, Princeton University, 1908-10; Instructor in Mathematics, Yale University, 1910-11; Instructor in Mathematics, University of Pennsylvania, 1911-14, Assistant Professor 1914-21 and Professor 1921—. Non-resident Lecturer in Mathematics, Bryn Mawr College, 1933-34.
- RICHARD BERNHEIMER, Ph.D.,** *Lecturer in History of Art.*
Ph.D. University of Munich 1929. Studied History of Art, Archaeology and Asiatic Ethnology in Munich, Rome and Berlin, 1925-29. Lecturer in History of Art, Bryn Mawr College, 1933—.
- MAUD REY, Non-resident Lecturer-elect in French Diction.**
Brevet supérieur, University de Rennes, 1908. Studied at the Sorbonne and Université Catholique, Paris; Pupil of Jacques Copeau, Directeur du Théâtre du Vieux-Colombier and of A. Dullin, Directeur du Théâtre de l'Atelier, Paris; Head of the French Department, the Baldwin School, Bryn Mawr, 1916—. Non-resident Lecturer-elect in French Diction, Bryn Mawr College, 1934.
- EDITH HAMILTON LANMAN, M.A.,** *Instructor in Chemistry.*
A.B. Radcliffe College 1914; M.A. University of California 1915. Graduate Student, University of California, 1914-15; Demonstrator in Chemistry, Bryn Mawr College, 1915-18 and Instructor, 1918-19 and 1922—.
- MARTHA MEYENBURG DIEZ, M.A.,** *Instructor in German.*
A.B. University of Texas 1918; M.A. Bryn Mawr College 1928. Instructor in German, Bryn Mawr College, 1925—.
- HORTENSE FLEXNER KING, M.A.,** *Instructor in English.*
A.B. University of Michigan 1907 and M.A. 1910. Instructor in English, Bryn Mawr College, 1926-27, Semester II, 1927-28 and 1928—.
- MARGARET DENT DAUDON, M.A.,** *Instructor in French.*
A.B. Bryn Mawr College 1920 and M.A. 1933. Teacher of French, the Thorne School, Bryn Mawr, 1928-31; Part-time Instructor in French, Bryn Mawr College, 1927—.
- RUTH FAIRMAN, M.A.,** *Instructor in Greek and Latin.*
A.B. Mount Holyoke College 1927; M.A. Bryn Mawr College 1928. Scholar in Latin, Bryn Mawr College, 1927-28, Fellow in Latin, 1928-29 and Helene and Cecil Rubel Fellow (studying abroad), 1929-30. Instructor in Latin, Bryn Mawr College, 1930-31 and Instructor in Greek and Latin, 1931—.
- MARY KATHARINE WOODWORTH, M.A.,** *Instructor in English.*
A.B. Bryn Mawr College 1924 and M.A. 1927. Teacher of English, the Thorne School, Bryn Mawr, 1925-29. Studying abroad, 1929-30; Instructor in English, Bryn Mawr College, 1930—.
- ELIZABETH H. NORTON POTTER, M.A.,** *Instructor in the History of Art.*
A.B. Bryn Mawr College 1927; M.A. Radcliffe College 1929. Instructor in History of Art, Bryn Mawr College, 1930-34.
- BERTHE-MARIE MARTI, M.A.,** *Instructor in Latin and French.*
Licenciée-es-lettres University of Lausanne 1925; M.A. Bryn Mawr College 1926 and Ph.D., to be conferred, 1934. Swiss Scholar in Latin and English, Bryn Mawr College, 1925-26 and 1929-30. Teacher of French, the Thorne School, Bryn Mawr and Graduate Student, Bryn Mawr College, 1926-28; Instructor in Latin, Bryn Mawr College, 1930-31 and Instructor in Latin and French, 1931-34.

- J. GORDON CARLSON, A.B., *Instructor in Biology*.
A.B. University of Pennsylvania 1930. Demonstrator in Biology, Bryn Mawr College, Semester II, 1929-30 and 1930-31 and Instructor, 1931—.
- E. LOUISE HAMILTON, PH.D., *Assistant Director of the Educational Clinic and Instructor in Education*.
B.S. Connecticut College for Women 1925; M.A. Columbia University 1926 and Ph.D. 1928. Graduate Student, Columbia University, 1925-28; Assistant in Psychology, Columbia University, 1926-27; Clinical Psychologist, New York Post-Graduate Hospital, 1927-28; Assistant Director of the Educational Clinic, Bryn Mawr College, 1928-33; Demonstrator in Education, 1930-31 and Instructor 1931-34.
- WILLIAM DONALD TURNER, PH.D., *Instructor in Psychology*.
A.B. University of Illinois 1926; M.A. Harvard University 1928 and Ph.D. 1929. Instructor in Psychology, Tufts College, 1928-29; Social Science Research Council Fellow, Vienna, 1929-30; Instructor in Psychology, Kansas State College, 1930-31. Instructor in Psychology, Bryn Mawr College, 1931—.
- KATHRINE KOLLER, PH.D., *Instructor in English*.
A.B. Wittenberg College 1924; Ph.D. Johns Hopkins University 1932. Teacher of French and English in the High Schools, Plymouth, Ohio, 1924-26 and Tiffin, Ohio, 1926-28. Instructor in English, Bryn Mawr College, 1932-34.
- EMILY KATHARINE TILTON, M.A., *Instructor in Italian*.
A.B. Wellesley College 1928; M.A. Radcliffe College 1931. Student, University of Florence, Italy, 1928-29 and Radcliffe College, 1930-32. Instructor in Italian, Bryn Mawr College, 1932-34.
- FLORENCE WHYTE, PH.D., *Instructor in Spanish*.
A.B. University of California 1915; M.A. University of Oregon 1924; Ph.D. Bryn Mawr College 1930. Professor of Modern Languages, Linfield College, 1919-20; Instructor in Spanish and Graduate Student, University of Oregon, 1920-24. Graduate Scholar in Spanish, Bryn Mawr College, 1924-25 and Fellow in Romance Languages, 1925-26; Helene and Cecil Rubel Foundation Fellow in Europe, 1926-27; Assistant Professor of Spanish, Milwaukee-Downer College, 1927-29; Professor of Modern Languages, Queens College, 1929-30; Instructor in Spanish, Mt. Holyoke College, 1931-33. Instructor in Spanish, Bryn Mawr College, 1933-34.
- DOROTHY WALSH, M.A., *Instructor in Philosophy*.
A.B. University of British Columbia 1923; M.A. University of Toronto 1924. Graduate Student, University of Toronto, 1923-25; Fellow in Philosophy, Bryn Mawr College, 1925-26; Reader in Philosophy and Graduate Student, Bryn Mawr College, 1927-28; Instructor in Philosophy, Hood College, 1928-30 and Assistant Professor, 1930-31. Mary Elizabeth Garrett European Fellow studying at the University of Berlin, 1931-32; Fellow in Philosophy, Bryn Mawr College, 1932-33; Instructor in Philosophy, Bryn Mawr College and Warden of Pembroke West, 1933—.
- STELLA DUERINGER WELLS, M.A., *Instructor in German*.
A.B. Northwestern University 1915; M.A. Bryn Mawr College 1931. Teacher of German, Lawrenceville High School, Illinois, 1915-17; Graduate Student, Radcliffe College, 1922-23, University of Berlin, 1927-28 and Bryn Mawr College, 1925-27 and 1929-31. Instructor in German, Bryn Mawr College, 1933—.
- JOSEPHINE McCULLOCH FISHER, A.B., *Instructor in History*.
A.B. Bryn Mawr College 1922. Student, Newnham College, Cambridge, 1923-24, Johns Hopkins University, 1925-26, London School of Economics, 1926-27; Warden of Pembroke Hall, Bryn Mawr College, 1927-31; Warden of Merion Hall, Semester I, 1932-33; Instructor in History and Political Science, Mount Holyoke College, Semester II, 1932-33; Warden of Pembroke East and Instructor in History, Bryn Mawr College, 1933—.
- MARGARET PALFREY, A.B., *Instructor-elect in English*.
A.B. Smith College 1929. Tutor and substitute Teacher, The Winsor School, Boston, 1931-32; Teacher of English, Katharine Branson School, Ross, California, 1932-34. Instructor-elect in English, Bryn Mawr College, 1934.
- AGNES KIRSOPP LAKE, M.A., *Instructor-elect in Latin*.
A.B. Bryn Mawr College 1930; M.A. 1931 and Ph.D., to be conferred, 1934. Non-resident Graduate Scholar in Biblical Literature, Bryn Mawr College, 1930-31; Fellow at the American Academy in Rome, 1931-33; Fellow in Latin, Bryn Mawr College, 1933-34 and Instructor-elect, 1934.
- HAROLD WETHEY, M.A., *Instructor-elect in History of Art*.
A.B. Cornell University 1923; M.A. Harvard University 1931 and Ph.D., to be conferred, 1934. Assistant in History of Art, Harvard University, 1933-34. Instructor-elect in History of Art, Bryn Mawr College, 1934.
- MAUDE M. FRAME, A.B., *Reader in Philosophy*.
A.B. University of Pennsylvania 1927. Reader in Philosophy, Bryn Mawr College, 1928-30, Scholar 1930-31 and Reader, 1931-34.

- MOLLY ATMORE TEN BROECK, A.B., *Reader in Music*.
A.B. Bryn Mawr College 1932. Reader in Music, Bryn Mawr College, 1932—.
- DOROTHEA CAROLINE SHIPLEY, M.A., *Reader in History of Art*.
A.B. Bryn Mawr College 1925 and M.A. 1929. Fellow in History of Art, Bryn Mawr College, 1929-30, Fellow by Courtesy, 1930-31 and Reader, 1933—.
- ROSAMOND CROSS, A.B., *Reader in Economics and Politics*.
A.B. Bryn Mawr College 1929 and M.A., to be conferred, 1934. Teacher of History, Concord Academy, Concord, Massachusetts, 1929-32; Warden of Denbigh Hall, Bryn Mawr College, 1932-34 and Reader in Economics and Politics 1933-34.
- ISABEL SCRIBNER STEARNS, M.A., *Reader-elect in Philosophy*.
A.B. Smith College 1931; M.A. Bryn Mawr College 1933. Graduate Student, Bryn Mawr College, 1931-32 and Graduate Scholar, 1932-33; Graduate Scholar in Philosophy, Radcliffe College, 1933-34. Reader-elect in Philosophy, Bryn Mawr College, 1934.
- EDITH FINCH, M.A., *Reader-elect in English*.
A.B. Bryn Mawr College 1922; B.A. Oxford University 1924 and M.A. 1928. Reader in English, Bryn Mawr College, 1924-25; Student in Paris with Professor Lucien Foulet 1925-26; Graduate Student, Bryn Mawr College, 1926-27; Instructor in English 1928-30 and Reader-elect 1934.
- LOUISE FROST HODGES CRENSHAW, A.B., *Demonstrator in Chemistry*.
A.B. Bryn Mawr College 1918. Warden of Pembroke East, 1922-23; Secretary of the Thorne School, Bryn Mawr, 1923-25, 1926-28 and 1929-30. Demonstrator in Chemistry, Bryn Mawr College, 1930—.
- MARJORIE STARR BEST ABBEY, M.A., *Demonstrator in Geology*.
A.B. Smith College 1930; M.A. Bryn Mawr College 1932. Demonstrator in Geology, Bryn Mawr College, 1930-34.
- BARBARA GOLDBERG RAINES, M.A., *Demonstrator in Physics*.
A.B. Hunter College 1929; M.A. Columbia University 1931. Instructor in Physics, Hunter College, 1929-February 1932 and Instructor in Mathematics February-June 1932. Demonstrator in Physics, Bryn Mawr College, 1932—.
- HENRIETTA HUFF, A.B., *Demonstrator in History of Art and Classical Archaeology*.
A.B. Bryn Mawr College 1918. Demonstrator in History of Art and Classical Archaeology, Bryn Mawr College, 1932—.
- GLADYS WHITE, M.A., *Demonstrator in Physics*.
A.B. Duke University 1928 and M.A. 1929. Instructor in Physics, Winthrop College, 1929-31. Fellow in Physics, Bryn Mawr College, 1931-33 and Demonstrator, 1933-34.
- NETTIE HELENA COY, A.B., *Demonstrator in Physics*.
A.B. University of New Brunswick 1928. Assistant in Physics, Vassar College, 1928-29 and Instructor, 1929-33. Demonstrator in Physics, Bryn Mawr College, 1933-34.
- ELIZABETH KATHERINE MARSHALL, A.B., *Demonstrator-elect in Physics*.
A.B. Wilson College 1932. Graduate Student, Cornell University, 1932-33; Graduate Scholar in Physics, Bryn Mawr College, 1933-34 and Demonstrator-elect 1934.
- MARTHA COX, A.B., *Demonstrator-elect in Physics*.
A.B. Cornell University, 1929. Research Assistant, Taylor Instrument Company, 1929-30; Instructor in Physics, Huguonot University College of the University of South Africa, 1930-33. Demonstrator-elect in Physics, Bryn Mawr College, 1934.
- ELIZABETH JEANNE ARMSTRONG, A.B., *Demonstrator-elect in Geology*.
A.B. Barnard College 1933; M.A. Bryn Mawr College, to be conferred, 1934. Graduate Scholar in Geology, Bryn Mawr College, 1933-34 and Demonstrator-elect, 1934.

NON-TEACHING

- CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director of Publication*.
A.B. Bryn Mawr College 1905. Graduate Student, Bryn Mawr College, 1921-22, Alumnae Secretary, 1922-23 and Director of Publication, 1923—.
- BARBARA GAVILLER, A.B., B.Sc., *Secretary and Registrar of the College*.
A.B. University of Toronto, 1912; B.Sc., Simmons College, 1917. Secretary to the Secretary and Registrar of Bryn Mawr College, 1917-26, Acting Secretary and Registrar of the College, 1926-27 and Secretary and Registrar, 1927—.
- JULIA WARD, A.B., *Director of Admissions and Assistant to the Dean*.
A.B. Bryn Mawr College 1923. Teacher, Weaver School for Boys, Newport, R. I., 1923-24. Graduate Student, Bryn Mawr College, 1924-27 and 1928-30. Warden of East House, 1924-25, of Rockefeller Hall, 1925-27 and 1928-30. Holder of Fanny Bullock Workman European Fellowship, 1927-28; Director of Scholarships and Assistant to the Dean, Bryn Mawr College, 1930-33; Director of Admissions and Assistant to the Dean, 1933—.

DOROTHY MACDONALD, A.B., *Assistant to the President.*

A.B. Bryn Mawr College 1917. Secretary to the President of Bryn Mawr College 1919-26 and Assistant to the President, 1926—.

LOUISE FROST HODGES CRENSHAW, A.B.,

Director of the Bureau of Recommendations.

A.B. Bryn Mawr College 1918. Warden of Pembroke East, 1922-23; Secretary of the Thorne School, Bryn Mawr, 1923-25, 1926-28 and 1929-30; Demonstrator in Chemistry, Bryn Mawr College, 1930— and Director of the Bureau of Recommendations, 1931—.

LOIS ANTOINETTE REED, A.B., B.L.S., *Librarian.*

A.B. University of Illinois 1909; B.L.S. New York State Library School 1904. Librarian, Western College, Oxford, Ohio, 1905-07; Cataloguer and Order Department Assistant, Library of the University of Illinois, 1907-10; Assistant Librarian, University of Rochester, 1910-12. Head Librarian, Bryn Mawr College, 1913—.

MARY LOUISE TERRIEN, A.B., B.S., *Circulation and Reference Librarian.*

A.B. Smith College 1905. Simmons College Library School, Boston, Mass., 1914-15. Circulation and Reference Librarian, Bryn Mawr College, 1915—.

HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer.*

A.B. Radcliffe College 1905; B.S. Simmons College Library School, 1910. Seminar Librarian, University of Illinois, 1910-12; Head Cataloguer, Bryn Mawr College Library, 1912-18. Librarian, Second National Bank of Boston, 1919-23; Head Cataloguer, Boston University, College of Liberal Arts, 1925-28. Head Cataloguer, Bryn Mawr College Library, 1923—.

MAE EDNA LITZENBERGER CRAIG, A.B., B.S., *Assistant Cataloguer.*

A.B. Mount Holyoke College 1924; B.S. Simmons College 1925. Assistant Cataloguer, Bryn Mawr College Library, 1925—.

MAUDE LOIS HASKELL SLAGLE, A.B., B.S., *Assistant Cataloguer.*

A.B. Mount Union College 1927; B.S. in L.S. School of Library Science, Western Reserve University, 1928. Assistant Cataloguer, Bryn Mawr College Library, 1928—.

ANNA FOSTER ALLEN, Ph.B., B.S., *Assistant to the Circulation and Reference Librarian.*

Ph.B. Muhlenberg College 1927; B.S. in L.S. Drexel Institute, 1931. Assistant to the Circulation and Reference Librarian, Bryn Mawr College, 1931—.

HALLS OF RESIDENCE

CHARLOTTE BRANDON HOWE, M.A.,

Director of Halls, Head Warden and Warden of Rockefeller.

A.B. Radcliffe College 1922 and M.A. 1929. Hall Mistress, Whitman Hall, Radcliffe College, 1928-30. Warden of Wyndham, Bryn Mawr College, 1930-32; Director of Halls 1930—, Head Warden and Warden of Rockefeller, 1933—.

EDITH GRANT, A.B., *Assistant Warden of Rockefeller Hall.*

A.B. Bryn Mawr College 1930 and M.A., to be conferred, 1934. Assistant Warden of Pembroke Hall, Bryn Mawr College, Semester I, 1932-33 and Assistant Warden of Rockefeller Hall, 1933-34.

ROSAMOND CROSS, A.B., *Warden of Denbigh Hall.*

A.B. Bryn Mawr College 1929 and M.A., to be conferred, 1934. Teacher of History, Concord Academy, Concord, Massachusetts, 1929-32. Warden of Denbigh Hall, Bryn Mawr College, 1932-34 and Reader in Economics and Politics, 1933-34.

ELLEN WATSON FERNON, M.A., *Warden of Merion Hall.*

A.B. Swarthmore College 1931. M.A. Bryn Mawr College 1933. Teacher of History, the Misses Kirk's School, Bryn Mawr, 1931-32; Graduate Student in History, Bryn Mawr College, 1931— and Warden of Merion Hall, 1933—.

JOSEPHINE McCULLOCH FISHER, A.B., *Warden of Pembroke East.*

A.B. Bryn Mawr College 1922. Student, Newnham College, Cambridge, 1923-24; Johns Hopkins University, 1925-26; London School of Economics, 1926-27. Warden of Pembroke Hall, Bryn Mawr College, 1927-31, Warden of Merion Hall, Semester I, 1932-33 and Warden of Pembroke East and Instructor in History, 1933—. Instructor in History and Political Science, Mt. Holyoke College, Semester II, 1932-33.

DOROTHY WALSH, M.A., *Warden of Pembroke West.*

A.B. University of British Columbia 1923; M.A. University of Toronto 1924. Graduate Student, University of Toronto, 1923-25; Fellow in Philosophy, Bryn Mawr College, 1925-26. Reader and Graduate Student, 1927-28; Instructor in Philosophy, Hood College, 1928-30 and Assistant Professor 1930-31; Mary Elizabeth Garrett European Fellow studying at the University of Berlin 1931-32; Fellow in Philosophy, Bryn Mawr College, 1932-33, Instructor in Philosophy and Warden of Pembroke West, 1933—.

KATHERINE MARY PEEK, M.A., *Warden of Wyndham.*

A.B. Bryn Mawr College 1922, M.A. 1929 and Ph.D., to be conferred, 1934. Editorial Assistant, Crowell Publishing Company, New York City, 1922-24. Instructor in English, Bryn Mawr College, 1925-27, Warden of Merion Hall, 1927-30; studying abroad, 1930-31. Head Warden of Pembroke Hall, Bryn Mawr College, 1931-33 and Warden of Wyndham, 1933-34.

CATHERINE PALMER ROBINSON, M.A., *Senior Resident of Radnor Hall.*

A.B. Bryn Mawr College 1920 and M.A. 1921. Teacher, Rosemary Hall, Greenwich, Conn., 1921-22; Student at the Sorbonne, 1922-23; Marine Insurance, 1924-29. Senior Resident of Radnor Hall and Secretary to the Dean of the Graduate School, Bryn Mawr College, 1929—.

CAROLINE PUTNAM WALKER, M.A., *Warden-elect of Denbigh Hall.*

A.B. Smith College 1926; M.A. Bryn Mawr College 1927. Teacher of History, The Ethel Walker School, Simsbury, Conn., 1927-34. Warden-elect of Denbigh Hall, Bryn Mawr College, 1934.

ELOISE GALLUP RE QUA, A.B., *Assistant Warden-elect of Rockefeller Hall.*

A.B. Bryn Mawr College 1924. Student at University of Chicago, summer 1926 and Sem. II, 1931-32; studied abroad, 1927-30; Director of Library of International Relations and of Children's International Library, The Century of Progress, Chicago, 1933-34. Assistant Warden-elect of Rockefeller Hall, Bryn Mawr College, 1934.

DEPARTMENT OF PHYSICAL EDUCATION

JOSEPHINE PETTS, *Director of Physical Education.*

Graduate of the Department of Hygiene and Physical Education, Wellesley College, 1914. Instructor in Physical Education, Miss Madeira's School, Washington, 1914-19; Instructor in Physical Education, Central School of Hygiene and Physical Education, New York, 1919-22; Instructor in Physical Education, Teachers College, Columbia University, 1922-28. Director of Physical Education, Bryn Mawr College, 1928—.

MARNA V. BRADY, M.A., *Assistant Director of Physical Education.*

B.S. University of Cincinnati 1925; M.A. Teachers College, Columbia University, 1928. Instructor in Physical Education, University of Cincinnati, 1925-27 and Columbia University, summer, 1928. Assistant Director of Physical Education, Bryn Mawr College, 1928—.

ETHEL M. GRANT, *Instructor in Physical Education.*

Honors Diploma with Distinction, Liverpool Physical Training College, 1923. Instructor in Physical Education in schools of England, 1923-26; Instructor in Physical Education, the Gordon-Roney School, Philadelphia, 1926-30. Instructor in Physical Education, Bryn Mawr College, 1930—.

HEALTH DEPARTMENT

MARION EDWARDS PARK, Ph.D., *Ex-officio.*

HELEN TAFT MANNING, Ph.D., *Head of Health Department.*

MARJORIE JEFFERIES WAGONER, M.D., *College Physician.*

A.B. Bryn Mawr College 1918; M.D. University of Pennsylvania 1922. Interne, Philadelphia General Hospital, 1920-24. College Physician, Bryn Mawr College, 1924—.

JOSEPHINE PETTS, *Director of Physical Education.*

Consultant Physicians

A number of physicians, resident in Philadelphia and representing the principal special divisions of medicine and surgery, have consented to act as consultants when called on by the Health Department.

DEPARTMENT OF BUSINESS ADMINISTRATION

CHARLOTTE BRANDON HOWE, M.A., *Director of Halls.*

SANDY LEE HURST, *Comptroller.*

JOHN J. FOLEY, *Superintendent.*

LAURA M. S. HOWARD, *Chief Clerk.*

HILDA ROBINS, *Supervisor of Culinary Department.*

WINFIELD DAUGHERTY, *Fire Chief.*

FACULTY COMMITTEES

STANDING COMMITTEES OF THE FACULTY

1934-35

Faculty Representatives on the Board of Directors

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PROFESSOR DE LAGUNA
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Committees on Language Examinations

French—
PROFESSOR GILMAN
PROFESSOR BLANCHARD
PROFESSOR HERBEN
German—
PROFESSOR M. DIEZ
PROFESSOR GARDINER
DR. WYCKOFF

* Substitute for Professor Taylor.

† Substitute for Professor Forest.

Committee on Libraries

PROFESSOR WEISS
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 PROFESSOR CHEW

Committee on Housing

PROFESSOR FAIRCHILD
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Committee on Learned Publications

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STANDING COMMITTEES OF THE SENATE

1933-34

Executive Committee

PRESIDENT PARK, *Chairman*
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ex-officio
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 PROFESSOR TENNENT
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Judicial Committee

PRESIDENT PARK, *Chairman*
 DEAN MANNING, *ex-officio*
 PROFESSOR DE LAGUNA
 PROFESSOR CHEW
 PROFESSOR GRAY

COLLEGE REPRESENTATIVES

The following graduates of Bryn Mawr College have kindly consented to act as representatives of the College in cities in which they live and will be glad at any time to answer questions about the College.

CALIFORNIA

- PASADENA, Miss Kate Williams, 485 Palmetto Drive.
SAN FRANCISCO, Mrs. Edward B. Hill, *District Councillor of the Alumnae Association*, Glenwood Avenue, Ross.

COLORADO

- DENVER, Mrs. Harry E. Bellamy, 1174 Race Street.

CONNECTICUT

- FARMINGTON, Mrs. Herbert Knox Smith, *Alumnae Director of Bryn Mawr College*.
NEW HAVEN, Mrs. Charles McLean Andrews, 424 St. Ronan Street.

DISTRICT OF COLUMBIA

- WASHINGTON, Baroness Serge Alexander Korff, 2308 California Street.
Mrs. Robert S. Pickens, *District Councillor of the Alumnae Association*, 4926 Glenbrook Road.

ILLINOIS

- CHICAGO, Mrs. Stephen S. Gregory, *District Councillor of the Alumnae Association*, Box N, Winnetka.
Mrs. William G. Hibbard, *Director of Bryn Mawr College*, 840 Willow Road, Winnetka.

INDIANA

- INDIANAPOLIS, Mrs. Frank Nicholas Lewis, 3216 North Pennsylvania Street.

MARYLAND

- BALTIMORE, Mrs. Anthony Morris Carey, 4311 Rugby Road, Guilford.

MASSACHUSETTS

- BOSTON, Mrs. Talbot Aldrich, *Alumnae Director-elect of Bryn Mawr College*, 59 Mt. Vernon Street.
Miss Mary Parker, *District Councillor of the Alumnae Association*, 135 Charles Street.
CAMBRIDGE, Mrs. Everett N. Case, *Recording Secretary of the Alumnae Association*, 6 Mercer Circle.
FALL RIVER, Mrs. Randall Nelson Durfee, 19 Highland Avenue.

MINNESOTA

- MINNEAPOLIS, Mrs. Clarence M. Hardenbergh, 1788 Fremont Avenue South.

MISSOURI

- St. LOUIS, Mrs. George Gellhorn, 4366 McPherson Avenue.
Miss Mary B. Taussig, *District Councillor of the Alumnae Association*, 50 Westmoreland Avenue.

NEW YORK

NEW YORK,

Mrs. Robert W. Claiborne, *Alumnæ Director of Bryn Mawr College*, 128 East 60th Street.

Mrs. Angus M. Frantz, *Alumnæ Director of Bryn Mawr College*, 1185 Park Avenue.

Mrs. Learned Hand, *Director of Bryn Mawr College*, 142 East 65th Street.

Mrs. Alfred B. Maclay, *Alumnæ Director of Bryn Mawr College*, 16 East 84th Street.

Mrs. Howard Phipps, *District Councillor of the Alumnæ Association*, 465 East 57th Street.

Mrs. William L. Savage, *Vice-President of the Alumnæ Association*, 106 East 85th Street.

Mrs. F. Louis Slade, *Director of Bryn Mawr College*, 49 East 67th Street.

Miss Florance Waterbury, *Alumnæ Director of Bryn Mawr College*, The Savoy-Plaza.

OHIO

CINCINNATI,

Mrs. Jacob M. Plaut, *Director-at-large of the Alumnæ Association*, 656 Forest Avenue, Avondale.

Mrs. Russell Wilson, *District Councillor of the Alumnæ Association*, 2726 Johnstone Place.

OREGON

PORTLAND,

Mrs. Henry Minor Esterly, Inwood, Hewett Boulevard, Route 5.

PENNSYLVANIA

PITTSBURGH,

Mrs. Alexander Johnston Barron, Glen Osborne, Sewickley.

VIRGINIA

RICHMOND,

Mrs. Wyndham Bolling Blanton, 3015 Seminary Avenue.

WISCONSIN

MADISON,

Mrs. Moses Stephen Slaughter, 633 North Francis Street.

ENGLAND

The Hon. Mrs. B. Russell, 11 St. Leonard's Terrace, Chelsea, London, S. W. 3.

THE GRADUATE SCHOOL

The Graduate School of Bryn Mawr College exists to give advanced instruction and to foster research in the fields of ancient and modern languages and literature, the social sciences, philosophy and psychology, mathematics and the natural sciences, music, art and education. Bryn Mawr College offers special opportunities to its graduate students for the working out of research problems in small seminars under the personal direction of the heads of departments. The degrees of Master of Arts and Doctor of Philosophy are conferred and in addition to these degrees first and second year certificates are awarded by the Carola Woerishoffer Graduate Department of Social Economy and Social Research.

From the first it has been the policy of the Trustees of Bryn Mawr College to organize no department in which they could not provide for graduate as well as undergraduate study. In each department (except the Department of Music) a consecutive series of graduate courses pursued throughout three years provides preparation in the chief or major subject of the examination for the degree of Doctor of Philosophy.

Admission

Application for admission to the Graduate School should be made to the Dean of the Graduate School, Bryn Mawr College, Bryn Mawr, Pennsylvania.

Application

Graduate students must present a diploma from some college of acknowledged standing. They must satisfy the several instructors of their ability to profit by the courses they desire to follow and may be required to pursue certain introductory or auxiliary studies before they are admitted to the advanced or purely graduate courses.

Graduate Students

Graduates of Bryn Mawr College and graduates of other colleges satisfying the Academic Council that the course of study for which they have received the degree of Bachelor of Arts is equivalent to that for which that degree is given at Bryn Mawr, or who have made up any deficiency, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts, or Doctor of Philosophy and Master of Arts; admission to the graduate school does not automatically qualify a student to become a candidate for these degrees. Students not studying for these degrees are, however, entitled to personal guidance and supervision from the instructors of the Graduate School.

The most distinguished place in the Graduate School is held by the resident fellows and graduate scholars, who must live in Radnor Hall, the graduate hall of the college, during the academic year. There are offered annually in the Graduate School three fellowships for study in Europe, one special foundation fellowship for study in an American college, twenty-one resident fellowships and twenty-three resident graduate scholarships.*

Fellows and Scholars

* For details of these awards, see pages 40-42.

Residence

Residence for Graduate Students

Residence in Radnor Hall, the graduate hall, is optional except for holders of resident fellowships and scholarships. Every student has a separate room. The charge of \$100 for room-rent is payable on registration and includes all expenses of furnishing, service, heat and light.* Those who do not reside in the graduate hall are expected to make arrangements which are satisfactory to the college.

Plans and descriptions of Radnor Hall are published in Part 3 of the Bryn Mawr College Calendar.

Application for Rooms

Application for rooms must be made as early as possible. The demand for graduate rooms is very great and since unnecessarily reserving a room may prevent some other student from entering the college, a deposit of ten dollars is required in order that the application may be registered. In case the applicant enters the college in the year for which the room is reserved, the amount of the deposit is deducted from the first college bill. If she changes the date of her application or files formal notice of withdrawal at the Office of the Secretary and Registrar before August first of the year for which the application is made, the deposit will be refunded. If, for any reason whatever, the change or withdrawal be made later than August first, the deposit will be forfeited to the college. Students making application for a room for the second semester forfeit the deposit if they do not file notice of withdrawal at the Secretary's office before January first of the academic year for which the room is reserved. In order to make application for a room it is necessary to sign a room-contract which will be sent on application and return it with the fee of ten dollars to the Secretary and Registrar of the college. A deposit of ten dollars must also be made by each student in residence in order to insure the tenure of her room for the following academic year. This sum will be forfeited if formal notice of withdrawal is not filed at the office of the Secretary and Registrar on or before August first of the current year.

With- drawal

Every applicant who reserves a room after the first of September or who fails to withdraw her application by that date and either does not occupy the room at all or vacates it during the college year prevents some other student from obtaining admission as a resident student to the college. Therefore, unless formal notice of withdrawal of application for the ensuing academic year is received by the Secretary and Registrar of the college by the first of September (or in the case of an application for the second semester only, by the first of January) the applicant is responsible for the rent of the room for the whole year. The charge for room-rent is not subject to remission or deduction unless the college is able to re-rent the room. The applicant is not entitled to dispose of the room thus left vacant.

Board

The charge for board is four hundred dollars a year, one-half being payable on registration and the other half at the beginning of the second semester.

* Students are expected to provide their own rugs—although upon request they will be supplied—curtains and towels, but in every other respect the rooms are completely furnished. No part is taken by the students in the care of their own rooms.

In case of prolonged illness and absence from the college extending over six weeks or more, there will be a proportionate reduction in charge for board.

Accommodation is provided for graduate students who wish to remain at the college during the Christmas and Easter vacations at fifteen dollars a week. At Christmas the college halls are closed, but accommodation may be obtained near the college campus. At Easter graduate students may occupy a room on the campus at the above rate. Any student remaining in Bryn Mawr or nearby and not in the college or in her own home for all or part of the vacation must make arrangements satisfactory to the Dean of the Graduate School.

Accommodation for Vacations

The college reserves the right to exclude at any time and to cancel the fellowships and scholarships of students whose conduct or academic standing renders them undesirable members of the college community. In such cases fees due or paid in advance will not be refunded or remitted in whole or in part.

College Regulations

In case of emergency the college assumes the right to take all responsibility.

Expenses

Tuition

The charge for tuition for graduate students is \$250 a year, one-half being payable on registration and the other half at the beginning of the second semester.*

Tuition Fee

In cases where a full-time registration is not made, tuition fees for graduate students are as follows:

For one graduate seminary or for any graduate course meeting two hours a week.....	\$100
For any graduate course meeting one hour a week.....	50
For any undergraduate course†.....	125

The tuition fee for the semester becomes due as soon as the student is registered in the college office. No reduction of this fee will be made on account of absence, dismissal or any reason during a semester, or year covered by the fee in question. If a graduate student is admitted to residence or to attendance on lectures after the beginning of a semester a proportionate reduction is made in the charges for board and room-rent and for tuition. Every student who enters the college must register immediately at the Comptroller's office and must register her courses at the Office of the Dean of the Graduate School within two weeks after entrance. Permission to make any change in registration must be received from the Dean of the Graduate School.

Students whose fees are not paid before November first in the first semester and before March first in the second semester are not permitted to continue in residence or in attendance on their classes.

* For Laboratory fees see page 32.

† A reduced charge of \$100 is made to candidates for the degree of Master of Arts for the advanced undergraduate work that may be offered in partial fulfilment of the requirements for that degree.

Laboratory Fees

Students registered for laboratory work only are charged a fee of \$25 a semester for 5 hours or less a week of laboratory work, with an additional charge of \$5 an hour for each additional hour.

Students in the departments of Physics, Chemistry, Geology, Biology and Psychology, whose laboratory or field work is done in connection with a graduate course or an advanced undergraduate course that may be counted for an advanced degree, shall be charged a laboratory fee of \$10 a semester for each course, the maximum fee charged not to exceed \$25. The fee for laboratory work done in connection with a first or second year undergraduate course is \$15 a semester.

Carola Woerishoffer Fees

All graduate students, including fellows and scholars, taking two courses or a course which requires field work in the Department of Social Economy and Social Research are charged a laboratory fee of \$10 a semester, and may also be required to provide themselves with four twenty-five-trip tickets between Bryn Mawr and Philadelphia costing \$4.59 each and to meet their traveling and incidental expenses while working in the field during the semester and vacations. The fee for the certificate is five dollars and all fellows and scholars are expected to complete work for a certificate or an advanced degree and are charged the fee.

Infirmary Fee

The infirmary fee of \$20.00 paid by each resident graduate student entitles her to be cared for in the infirmary for four days (not necessarily consecutive) during the year and to attendance by the college physicians during this time and to nursing, provided her illness is not infectious. It also entitles her to the services of the nurses employed by the college during other temporary illness, provided one of the regular nurses is free at the time. In the case of an illness of longer duration and also in the case of all diseases of an infectious character the student must meet or, in case of two or more students with the same infectious disease, must share the expense of a special nurse. She is responsible also for the infirmary fees which are \$6.00 a day and for hospital or sanitarium charges should she be removed from the college by order of the College Physician.

A special nurse for one student costs approximately \$8.30 per day or \$58.10 per week, which includes nurse's fee, board and laundry. When a student has not an infectious disease the infirmary fee of \$6.00 per day will include the nurse's fee, provided it is possible for one of the college nurses to care for the student. The fees of the consulting physicians and surgeons and other specialists recommended by the college will be furnished on request.

Any resident graduate student becoming ill while away from college is asked to communicate immediately with the Dean of the Graduate School.

Graduation Fee

The graduation fee for Doctors of Philosophy and Masters of Arts is twenty dollars.

Summary of Expenses

Summary of Total Expenses for the Academic Year

Tuition fee*	\$250
Room-rent	100
Board	400
Infirmary fee†	20
Total	\$770

* For Laboratory fees see top of page.

† This fee entitles the student to four days' (not necessarily consecutive) resident care in the Infirmary and to consultations with the College Physician during her office hours.

DEPARTMENT OF HEALTH

A Health Committee, consisting of the President of the College, the Dean of the College, who is Chairman of the Committee, the Dean of the Graduate School, the Director of Physical Education, the Physician of the College, the Wardens and the Senior Resident of Radnor Hall, has charge of the health of the students.

Health

The department of health requires that every student file a certificate of a recent medical examination signed by the student's physician.

A certificate of vaccination within one year of entering college is also demanded, otherwise students must be vaccinated by one of the college physicians. The fee for such vaccination is five dollars.

Every student must file a certificate stating that her eyes have been examined by an oculist within six months before entrance. Failure to comply with the above rule entails an examination by one of the college consultants in ophthalmology for which the student will be charged as a private patient by the ophthalmologist who makes the examination. If glasses are prescribed they must be obtained.

Eminent specialists practising in Philadelphia have consented to act as consulting physicians to the college; their fees will be furnished upon request. Students may consult the College Physician without charge at her office in the college Infirmary during the regular office hours.

Students ill in the graduate hall are required to report their illness immediately to the Senior Resident. Such cases will always be investigated and if the College Physician believes it advisable, the student will be admitted to the Infirmary. Outside physicians will not be permitted to visit students in the graduate hall, unless called in special cases by the College Physician.

Graduate Association

In 1893 the Bryn Mawr Graduate Association was organized by the graduate students then in residence, its object being to further the social life of the graduate students. In 1925 it took over the regulation of matters in regard to the conduct of the graduate students in cases not purely academic or affecting hall management or the student body as a whole. All resident students in the Graduate School are members of this association.

*Graduate
Association*

THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

The Degree of Master of Arts

The Degree of Master of Arts

The degree of Master of Arts in no case will be conferred by the college as an honorary degree, but only upon the completion of the following requirements:

A graduate student who desires to become a candidate for the M.A. degree should make application, if possible, before October 1st of the academic year in which she expects to take the degree. With her application she should submit her complete academic record, including matriculation credits, in order that the Committee on Graduate Students may estimate her work and advise her as to the removal of any deficiencies.

The Committee on Graduate Students has power to grant special consideration to foreign students whose previous training has been of a different character from that required for the A.B. degree in the United States. In such cases, however, the committee may reserve its decision until the student has given satisfactory evidence of her ability in graduate work at Bryn Mawr.

Any deficiency in the preliminary requirements must be made up according to the specifications of the Committee on Graduate Students not later than the last year in which courses are taken for the degree.

PRELIMINARY REQUIREMENTS

Preliminary Requirements

(a) *Admission to courses.*

Preliminary training equivalent to two and one-half units* of undergraduate work at Bryn Mawr College in the subject of the course is in general required for admission to a course to be counted for the M.A. degree. In special cases, with the approval of the department concerned, work in related subjects of equivalent value in preparation may be accepted. In all such cases, however, the candidate must have taken in some one subject the equivalent to two and one-half units of undergraduate work at Bryn Mawr College.

(b) *Knowledge of Literature, Philosophy, Psychology, Laboratory Science, Mathematics.*

A candidate is required to present credits for at least eight semester hours (or one Bryn Mawr undergraduate unit) of Literature based on a preparation of three college-entrance units or their equivalent in college work. A candidate is required to present credits for sixteen semester hours

* Counted by semester hours this amounts to approximately 20 semester hours. For admission to graduate seminaries in the Department of English, however, approximately thirty-two semester hours are required.

(or two Bryn Mawr undergraduate units) of undergraduate work in two or more of the following subjects: Philosophy, Psychology, Laboratory Science (i.e. Physics, Chemistry, Geology, or Biology, accompanied by laboratory work), or Mathematics. Not more than eight semester hours may be in any one of these subjects and sixteen hours may not be entirely in Philosophy and Psychology. If the candidate has no college or matriculation credit in a laboratory science she will be required by the Committee on Graduate Students to make up her deficiency by taking in Bryn Mawr College, or in another institution approved by the committee, at least six semester hours of laboratory science, which may be counted in the above sixteen hours.

(c) *Knowledge of Latin.*

A candidate must be able to read Latin prose of moderate difficulty. This requirement will ordinarily be met by the presentation of three units of matriculation credit. A candidate who falls short of this requirement must make up her deficiency in a way prescribed by the Committee on Graduate Students.

(d) *Knowledge of French and German.*

A candidate must prove her ability to read French and German by passing written examinations. The Bryn Mawr undergraduate examinations in French and German are accepted as fulfilling this requirement in the case of graduates of Bryn Mawr College.

Examinations in French and German are held each year within two weeks after the opening of college and candidates must present themselves for examination at this time. For candidates who fail in this examination a second examination is held before Thanksgiving. No student may receive the Master of Arts degree in the following June who has not passed these examinations by this date. These examinations shall be of the type of the Bryn Mawr General Language Examinations for the A.B. degree, and shall be conducted by the Committees on General Language Examinations.

If five years have passed between the date of a candidate's language examination and the autumn of the year in which she proposes to present herself for the degree she shall be re-examined unless the department in which she is working recommends to the Graduate Committee to excuse her from further examination on the ground of her proficiency in French and German, or French, or German. This shall apply to Bryn Mawr graduates as to all other candidates.

(e) *Ability to Use English.*

A candidate must be able to give a report and carry on discussion in satisfactory English. A candidate who is unable to write correct English will be required by the Committee on Graduate Students to make up her deficiencies in this respect by doing special work under the direction of the Department of English.

REQUIREMENTS

Requirements for the Degree of Master of Arts

Courses.—Every candidate must attend at Bryn Mawr College three unit graduate courses* or two unit graduate courses and one and one-half units of advanced undergraduate work.† These courses must be taken in a field established by one of the accepted combinations of Major and Allied Subjects for the degree of Doctor of Philosophy.‡

Examinations.—Every candidate is required to take examinations on the courses offered. These examinations are held in the first week of the May examination period. The examination books together with the examiner's estimate of them as "satisfactory" or "unsatisfactory" shall be sent to the Committee on Graduate Students which shall report to the Academic Council.

The work for the degree need not be taken in one year, but examinations on all the courses offered must be taken in the May examination period of the year in which the degree is conferred.

The Degree of Doctor of Philosophy and Master of Arts

Upon completion of the requirements stated below, the degree of Doctor of Philosophy and Master of Arts may be conferred upon graduates of Bryn Mawr College, and upon those graduates of other colleges who shall have satisfied the Committee on Graduate Students either that the course of study for which they received a degree is equivalent to that for which the degree of Bachelor of Arts is given at Bryn Mawr College, or that it has been adequately supplemented by subsequent study. The degree of Doctor of Philosophy will in no case be conferred by the College as an honorary degree.

Application

A student may ask to be accepted as a candidate for the Ph.D. degree in the spring of her first year of graduate work at Bryn Mawr College provided she is at that time nearing the completion of at least two graduate units.§ The applicant must submit to the Committee on Graduate Students in writing an account of her general preparation, stating in particular the extent of her knowledge of French, German and Latin, stating also the subjects she wishes to offer as major and allied subjects for the degree, and the amount and character of the work already done in these subjects. If this statement is satisfactory she will be registered as a candidate and a committee will be appointed to supervise her work.

* A graduate seminary counts as one graduate unit.

† Undergraduate work thus substituted, while counting for the M.A. degree, may not be counted for the Ph.D. degree.

‡ In exceptional cases for students who have already proved their ability in graduate or advanced undergraduate work in their chief subject of study, a special plan of independent work may be recommended by the department concerned as a substitute for one of the unit graduate courses or for all or part of the one and one-half units of undergraduate work. The recommendation of students for this plan is entirely within the discretion of the department.

§ For definition of graduate unit, see paragraph IV, page 37.

REQUIREMENTS

I. *Time*.—The candidate shall devote to work for the degree the equivalent of at least three full years. This minimum will usually be exceeded.

II. *Residence*.—Two full years of work at Bryn Mawr College are required.* The remainder of the work may be done at other institutions approved by the Committee on Graduate Students. In special cases the Committee may accept work done under the direction of scholars not directly connected with a college or university.

III. *Subjects*.—The course of study shall consist of one principal or *Major* subject and, in general, one *Allied* subject which shall be in another department. In individual cases the Committee on Graduate Students may, upon recommendation of the Supervising Committee, give permission to a candidate to confine her field to her *Major* subject or to add a second *Allied* subject.†

IV. *Units of Graduate Work*.—There are no formal course requirements after a student has been accepted as a candidate for the degree. Candidates are strongly advised, however, to complete at least seven Units of graduate work, including five Graduate Courses. The Supervising Committee will advise candidates as to the distribution of their time between Graduate Seminars or Courses, Units of Independent Work, and the dissertation.

Units of Graduate Work are of two sorts:

1. The Graduate Course or Seminary.
2. An independent Unit of work, equivalent to a Graduate Course or Seminary, planned and examined by an instructor but carried on independently by the student. Such work may consist in reading with assigned reports, research with results submitted, or a combination of both.

A student offering less than seven units for the degree shall submit to her Supervising Committee before she presents herself for the Preliminary Examination a statement of the work that she has done outside of Graduate Units in preparation for the degree.

Graduate Seminars or Courses and Units of Independent Work must be registered at the Office of the Dean of the Graduate School.

Journal Clubs.—Every candidate is urged to take part in the work of the Journal Clubs of her Major and Allied subjects.

V. *Tests in French and German*.—Every candidate must pass a written examination in the translation of French and German texts in the field

* (a) Candidates who hold academic appointments at Bryn Mawr College for at least two years may be allowed, upon recommendation of their Supervising Committee, to reduce the residence requirement to the equivalent of one full year of graduate work at Bryn Mawr College.

(b) Graduates of Bryn Mawr College may reduce to one year the time spent at Bryn Mawr in order to broaden their academic experience by spending a larger proportion of their time elsewhere. A graduate of Bryn Mawr College who intends to spend only one year in the Bryn Mawr Graduate School may be accepted, on the recommendation of her department, by the Committee on Graduate Students provisionally as a candidate for the Ph.D. degree before any graduate work has been done at Bryn Mawr College.

† A list of approved combinations of Major and Allied subjects is issued by the Academic Council in a pamphlet presenting in detail the general requirements for the Ph.D. degree and the special requirements made by the various departments.

Requirements for the Degree of Doctor of Philosophy and Master of Arts

Units of Graduate Work

Language Examinations

of her Major subject. These examinations should be taken as early as possible* and in any case not later than one calendar year before the date of the Final Examination.† In case of failure, the Committee on Graduate Students may allow a candidate to present herself again but not later than at an early date in the academic year in which she is to complete the requirements for the degree. If the candidate's Major or Allied subject is modern French or German, she will be excused from the corresponding test.

Dissertation

VI. *Dissertation*.—The dissertation must be the result of independent investigation in the field covered by the Major subject. It must contain new results, or it must present accepted results in a new light. It shall be in English or Latin, or, by special permission of the Committee on Graduate Students, in the language of the candidate, but if this is other than French or German, an English translation must be appended.

The candidate must present a dissertation satisfactory in content and suitable in form for publication and the acceptance of the dissertation implies permission to publish. She shall not be entitled to use the degree, however, until her dissertation shall have been published:

a. As submitted.

b. In revised form, i. e., with changes or additions recommended by the Supervising Committee and approved by the Committee on Graduate Students.

c. In part. In special cases, upon recommendation of the Supervising Committee, the Committee on Graduate Students may accept as satisfying the requirements for publication, the publication of the dissertation in a somewhat condensed form or the publication of important parts of the dissertation. When such permission is given, three typed copies of the original in permanent binding shall be deposited in the Bryn Mawr library and reference to the availability of these copies shall be made in the published form. The final form for publication must be approved by the Supervising Committee and the Committee on Graduate Students.

d. Upon recommendation of the Supervising Committee and with the approval of the Committee on Graduate Students, as part of a larger work.

In any of the above cases, the publication must include a statement that it is a dissertation or part of a dissertation accepted by Bryn Mawr College.

The dissertation must be published within three years from the Commencement at which the degree is awarded unless a special extension of time is granted by the Committee on Graduate Students.

One hundred and fifty copies of the printed dissertation, of which two copies shall be bound in a form specified by the Library, must in general be supplied to the College. The Committee on Graduate Students shall have power, however, to reduce the number of copies required.

*Certain departments do not accept students as candidates for the Ph.D. degree until they have passed these examinations.

† A candidate who is abroad during the academic year preceding that in which the final examination is to be taken may present herself at an early date in the year in which the final examination is to be taken.

VII. *Examinations.*—There shall be two examinations known respectively as the Preliminary and the Final.

Certain options are allowed with regard to the time and character of the Preliminary and Final Examinations, but the following principles must be borne in mind:

The candidate is expected to have a knowledge of her subjects rather than of particular courses.

The candidate's general knowledge of her subjects shall be tested at a time when she is well advanced in her work. Since the regulations permit the Preliminary Examinations, if departments so choose, to come at too early a date to accomplish this, the Final Examination shall in such cases be partly general in character.

There must be at least one oral examination and if only one is given it must be partly general in character.

1. The Preliminary Examination.

The Preliminary Examination shall be on fields established for each candidate by the Director of her work with the approval of her Supervising Committee and meeting the requirements for the Major and Allied subjects laid down by her department.

2. The Final Examination.

a The Final Examination shall be given after the dissertation has been completed.

b The form and content of the Final Examination may as a rule be determined by the department in which the major work is being done. In form it may be oral or oral and written. In content it may cover a general field, or it may be of a searching character on a delimited part of the Major subject.

FELLOWSHIPS AND GRADUATE SCHOLARSHIPS

Date of Application for Fellowships and Scholarships

Application for resident fellowships or scholarships should be made as early as possible to the Dean of the Graduate School and must be made not later than the first of March preceding the academic year for which the fellowship or scholarship is desired. Blank forms of application will be forwarded to the applicants. A definite answer will be given within a few weeks from the latest date set for receiving applications. Any original papers, printed or in manuscript, which have been prepared by the applicant and sent in support of her application, will be returned when stamps for that purpose are enclosed or specific directions for return by express are given. Letters or testimonials from professors and instructors will be filed for reference.

European Traveling Fellowships

Bryn Mawr European Fellowship

The Bryn Mawr European Fellowship of the value of \$500 was founded in 1889. It is awarded annually to a member of the graduating class of Bryn Mawr College on the ground of excellence in scholarship. The fellowship is intended to be applied toward the expenses of one year's study and residence at some foreign university, English or Continental. The choice of a university may be determined by the holder's own preference, subject to the approval of the Faculty. The Bryn Mawr European fellow receives in addition the Elizabeth S. Shippen foreign scholarship of the value of \$200.

Mary Elizabeth Garrett European Fellowship

*The Mary Elizabeth Garrett European Fellowship** of the value of \$1,000, founded by Miss Garrett of Baltimore, is awarded annually on the ground of excellence in scholarship. The holder must be a graduate student at Bryn Mawr College and a candidate for the degree of Doctor of Philosophy of Bryn Mawr College. The fellowship is to be applied to the expenses of one year's study or research abroad, or, in special cases, in the United States.

Anna Ottendorfer Memorial Research Fellowship

The Anna Ottendorfer Memorial Research Fellowship in German and Teutonic Philology of the value of \$1,000 was founded in 1907 by Mrs. Anna Woerishoffer of New York City in memory of her mother. It is to be applied towards the expenses of one year's study and residence at some German university and is offered annually † to a graduate student who has completed at least one year of graduate study at Bryn Mawr College but is not necessarily still in residence when making application for the fellowship. The fellowship will be awarded to the candidate who shows such proficiency in her studies or in independent work as to furnish reason to believe that she will be able to conduct independent investigations in the

* By vote of the Trustees of Bryn Mawr College in February, 1927, the President M. Carey Thomas European Fellowship of the value of \$500, founded by Miss Garrett in 1896, and the Mary Elizabeth Garrett European Fellowship of the value of \$500, founded by Miss Garrett in 1894, are offered jointly as one fellowship of the value of \$1000.

† This fellowship was not offered for the year 1934-35.

field of Teutonic Philology or German. The choice of a university may be determined by the holder's own preference subject to the approval of the Faculty.

The *Fanny Bullock Workman Fellowship* yielding from \$1,000 to \$1,500 is offered annually for a year of study or research abroad. The holder of the fellowship must be a candidate for the degree of Doctor of Philosophy at Bryn Mawr College who could not have the advantages of such a year without assistance. At the discretion of the Faculty the fellowship for any one year may be divided between two students or the same student may hold the fellowship for more than one year.

*Fanny
Bullock
Workman
Fellowship*

Resident Fellowships

The *Helen Schaeffer Huff Memorial Research Fellowship* founded in 1913 of the value of \$1,200, is offered from time to time to a student desiring to carry on research in either Physics or Chemistry, to be held during one year's work at Bryn Mawr College.

*Helen
Schaeffer
Huff
Memorial
Research
Fellowship*

Applicants for this fellowship must be students who have done advanced graduate work at some college or university of recognized standing and have shown capacity for research. The award of the fellowship will depend primarily upon the applicant's record as a research student. Where equally good candidates are considered, preference will be given to a student working on problems which may be considered to lie along the borderline between Chemistry and Physics. The fellowship may under exceptional circumstances be awarded in consecutive years to the same student or the fellowship may be given to a graduate student studying at Bryn Mawr College to be held during one year's work at some other American college or university if in the opinion of the Committee it is imperative for that student to go elsewhere in order to complete an important piece of investigation.

Twenty-one resident fellowships, of the value of \$860 each, are offered annually in Biblical Literature, Biology, Chemistry, Classical Archaeology, Economics and Politics (the Justus C. Strawbridge Fellowship), Education, English, Geology, German, Greek, History, History of Art, Latin, Mathematics, Philosophy, Physics, Psychology, Romance Languages (two fellowships) and two Carola Woerishoffer Memorial Fellowships in Social Economy and Social Research. They are open for competition to graduates of any college of good standing and will be awarded only to candidates who have completed at least one year of graduate work after obtaining their first degree.*

*Department
Fellowships*

Fellows who continue their studies at the college after the expiration of the fellowship, may, by a vote of the Directors, receive the rank of Fellows by courtesy.

DUTIES OF RESIDENT FELLOWS

Fellows are expected to attend all college functions, to assist in the conduct of examinations and to give about an hour a week to the care of

*Duties of
Resident
Fellows*

* Any student who has received the M.A. degree from a college or university of recognized standing shall be eligible for a resident fellowship.

special libraries in the seminaries; they are not permitted while holding the fellowship to teach or to undertake any other duties in addition to their college work. They are expected to uphold the college standards of scholarship and conduct and to conform to the Self-Government regulations. They are required to reside in the graduate hall and are assigned rooms by the Secretary and Registrar of the College. They are charged the usual fee of seven hundred and seventy dollars for tuition, board, room rent and infirmary fee.

The holder of a fellowship is expected to devote at least one-half her time to the department in which the fellowship is awarded and to show by the presentation of a thesis or in some other manner that her studies have not been without result.

Resident Graduate Scholarships

Resident Scholarships *Twenty Graduate Scholarships*, of the value of \$400 each, may be awarded to candidates next in merit to the successful candidates for the fellowships; they are also open for competition to graduates of any college of good standing.

Robert G. Valentine Memorial Scholarship *The Robert G. Valentine Memorial Scholarship* in Social Economy of the value of \$400 is offered annually by Mrs. Frank W. Hallowell of Chestnut Hill, Massachusetts, to be awarded by the President and Faculty of Bryn Mawr College on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research to a candidate approved by the donor. It is open to graduates of any college of good standing.

Grace H. Dodge Scholarship *One Grace H. Dodge Scholarship* in Social Economy for work in Industrial Relations of the value of \$400 is offered annually and is open for competition to graduates of any college of good standing.

Society of Pennsylvania Women in New York Scholarship *The Scholarship of the Society of Pennsylvania Women in New York*, founded in 1925, of the value of \$750, is offered annually to a candidate born in Pennsylvania to whom the pursuit of advanced studies would be impossible without financial assistance.

DUTIES OF RESIDENT SCHOLARS

Scholars are expected to reside in the graduate hall, to attend all college functions and to assist in the conduct of examinations. It is understood that they will uphold the college standards of scholarship and conduct and conform to the Self-Government regulations. They may undertake while holding a scholarship only a very limited amount of teaching or other paid work approved in advance by the Dean of the Graduate School. Scholars are charged the usual fee of seven hundred and seventy dollars for tuition, board, room rent and infirmary fee.

Graduate Prize

Susan B. Anthony Memorial Prize *The Susan B. Anthony Memorial Prize* of the value of \$500 commemorates the great work for women of Susan B. Anthony. It was founded in 1910 by her friend Anna Howard Shaw and her niece Lucy E. Anthony.

From 1910 to 1928 the Memorial of Susan B. Anthony was a graduate scholarship in Social Economy or Politics of the value of \$250 awarded annually to the student who agreed to complete for publication a study on some phase of the woman question. With the consent of the surviving donor, Miss Lucy E. Anthony, the form of the memorial has been changed to a prize.

It is awarded every two years to a graduate student of Bryn Mawr College who has published (or submitted in final form for publication approved by the Committee) the best study dealing with the industrial, social, economic, or political position of women in the past, present or future. The next award will be made in June 1935.

The award will be made by the President of the College, acting as chairman and four members of the teaching staff appointed by her.

STUDENTS' LOAN FUND

The Students' Loan Fund of the Alumnae Association of Bryn Mawr College was founded by the Class of 1890 for the use of students who need to borrow money in order to continue their college work and for the purpose of receiving contributions, no matter how small, from those who are interested in helping students to obtain an education.

*Students'
Loan Fund*

This fund is managed by a committee consisting of the Dean of the College and the Alumnae Scholarships and Loan Fund Committee. The Committee in administering this money follows a definite policy, designed to serve the best interests of the students concerned. Loans may be used for any purpose approved by the Committee, which strongly recommends the borrowing of small sums to relieve undue financial pressure, or to meet special emergencies. While the Committee would be averse to imposing any undue burden upon applicants for scholarships, it is its earnest belief that the purpose of scholarships is best achieved when those to whom they are awarded have some share, however small it may be, in the financial responsibility for their education. As a rule, money is not loaned to Freshmen or to students in their first year of graduate work.

The terms under which money is loaned are as liberal as is consistent with business-like principles. Interest, which is at the rate of four per cent., begins when the student leaves college. The entire principal must be repaid within five years from the time when the student leaves college, according to the following system: ten per cent. in each of the first two years; fifteen per cent. each in the third and fourth years; fifty per cent. in the fifth year.

Contributions to the Loan Fund may be sent to the Chairman of the Scholarships and Loan Fund Committee, Alumnae Office, Taylor Hall, Bryn Mawr, Pennsylvania. Students who wish to borrow from the Loan Fund may obtain application blanks for this purpose from the Alumnae Office, which is situated on the third floor of Taylor Hall.

THE BUREAU OF RECOMMENDATIONS

The college conducts a Bureau of Recommendations which assists students, alumnæ and former undergraduate and graduate students by securing recommendations from their professors and forwarding these to individuals or agencies to whom they may apply for positions. It is not primarily a bureau of employment or appointments, although it is often instrumental in putting individuals directly in touch with positions. The bureau also helps graduate and undergraduate students to find summer work. A series of vocational lectures and conferences is conducted each year. The services of the bureau are given free of charge to students, alumnæ and former students of Bryn Mawr College.

COURSES OF STUDY

Graduate courses, which are open only to graduate students, are offered in Comparative Philology and Linguistics, Greek, Latin, English Philology, including Anglo-Saxon, Early and Middle English, English Literature, Modern and Old French, Italian, Spanish, German Literature, Gothic, Teutonic Philology, Old Norse, Old High German, Middle High German, Old Saxon, Biblical Literature, History, Economics and Politics, Social Economy and Social Research, Philosophy, Psychology, Education, Classical Archæology, History of Art, Music, Mathematics, Physics, Physical and Organic Chemistry, Geology, Mineralogy, Palæontology, Morphology and Physiology.

Graduate Courses

Advanced undergraduate courses to which graduate students are admitted are offered in all departments.

REGULATIONS

Lists of approved major and allied subjects for all departments will be found in the Regulations of the Academic Council.

Regulations

Books needed by the graduate students are collected in the seminary library of each department.

Biblical Literature

LECTURER:

HOWARD HAINES BRINTON, Ph.D.

GRADUATE COURSES

Graduate work usually is offered in this department, but for the year 1934-35 no graduate courses will be given. Graduate students desiring to work in this field will be advised to register for courses at the University of Pennsylvania.

Graduate Courses

FREE ELECTIVE COURSES

Full Year Courses.

The Literary History of the Bible.

Credit: One-half unit.

(Given in 1934-35)

A general course on the contents of the English Bible (including apocryphal writings) studied from the viewpoint of literary forms and origins and aiming to enable the student to recognize the influence of the Bible on art, literature and other aspects of civilization.

This course will be given in 1934-35 by Professor Chew of the Department of English (see p. 57).

Free Elective Courses

History of Religions: Dr. Brinton.

Credit: One-half unit.

(Given in 1934-35)

Comparative study of the living religions, including Hinduism, Buddhism, Confucianism, Taoism, Shintoism, Zoroastrianism and Mohammedanism. Readings from the great religious writings.

Biology

PROFESSOR: DAVID HILT TENNENT, Ph.D.
 ASSOCIATE PROFESSORS: MARY SUMMERFIELD GARDINER, Ph.D.
 ERNEST WESLEY BLANCHARD, Ph.D.

GRADUATE COURSES

Graduate Courses

Ten hours a week of seminary work and graduate lectures are offered to graduate students of biology accompanied by the direction of private reading, laboratory work and original research. The advanced undergraduate courses of the department may be elected by graduate students. These courses are varied from year to year, so as to form a consecutive course for students who wish to make biology one of the chief subjects of the examination for the degree of Doctor of Philosophy. Such students may specialize either in animal morphology under the guidance of Dr. Tennent or in physiology or biochemistry under the guidance of Dr. Blanchard.

Seminary in Zoölogy: Dr. Tennent. *Three hours a week throughout the year.*
(Given in each year)

1934-35: Embryology of Invertebrates.

The work includes a systematic survey of the normal development of invertebrates; of the problems of germinal organization, cleavage and differentiation and a discussion of the bearing of these questions on evolution and inheritance.

1935-36: Cytology.

The work deals with the anatomy of the cell and the relations and functions of its various structures in unicellular and multicellular organisms. Special attention is given to the phenomena of spermatogenesis and oögenesis and the theories connected therewith.

Seminary in Biochemistry: Dr. Blanchard.
Three hours a week throughout the year.
(Given in 1934-35)

This course consists of supervised reading, lectures and discussions on selected topics. It provides also pre-research training in laboratory methods. In certain cases a special problem may be undertaken. The advanced undergraduate course or its equivalent is prerequisite. Some knowledge of organic and physical chemistry is assumed.

Seminary in Physiology: Dr. Blanchard.
Three hours a week throughout the year.
(Given in 1935-36)

This course consists of supervised readings, lectures and discussions on selected topics. In order to introduce the student to the methods of physiological research it is recommended that each student undertake some special problem. The advanced course in physiology, or its equivalent, is a prerequisite. A knowledge of the elements of organic, physical, and biochemistry is assumed.

Laboratory Work: Dr. Tennent, Dr. Gardiner and Dr. Blanchard.

There is no regular course of laboratory instruction for graduates. Each student desiring to devote a considerable portion of her time to such work is given an experimental problem for verification or extension. The nature of the work depends in each case on the qualifications of the student.

Journal Club

Biological Journal Club: Dr. Tennent, Dr. Gardiner and Dr. Blanchard.
One hour a week throughout the year.

The advanced students and the instructors meet for the presentation and discussion of topics of current biological literature.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

Full Year Courses.

Cytology: Dr. Tennent.

Credit: One unit.

(Given in 1934-35)

This course consists of a study of the structure of protoplasm, the structure of the cell, the phenomena of cell division, maturation and fertilization. Both plant and animal cells are studied and instruction is given in methods of preparing cytological material for microscopical examination. At least six hours of laboratory work are required.

Embryology of Vertebrates: Dr. Tennent.

Credit: One unit.

(Given in 1935-36)

This course consists of lectures, assigned reading and laboratory work on the embryology of vertebrates. The lectures deal with the development of specific forms and with theoretical questions of embryological interest. The department has material for the study of the development of Amphioxus, Ascidian, Amia, Lepidosteus, Squalus, Ctenolabrus, Necturus, Rana, Chrysemys, Chick and Pig. At least six hours of laboratory work are required.

Theories of Heredity: Dr. Gardiner.

Credit: One unit.

(Given in 1934-35)

This course presents a survey of the experimental work upon heredity and includes a consideration of Mendelism and subsequent theories of inheritance. There are two lectures a week; the remainder of the student's time is divided between laboratory work covering a study of chromosomes and simple breeding experiments, and reading assignments from original papers.

Advanced Physiology: Dr. Blanchard.

Credit: One unit.

(Given in 1934-35)

A study of the vital functions of living organisms from the chemical and physical as well as from the biological standpoint. During the second semester the stress is placed upon mammalian physiology. The laboratory work is planned to develop a knowledge of the technique of physiological experimentation as well as to present the facts in a form in which they may be easily grasped by the student. It is expected, except in special instances, that the student will have had the equivalent of two years of chemistry. There are two hours of lectures and a minimum of six hours of laboratory work per week. Students may, with the permission of the instructor, perform a certain amount of independent investigation.

Biochemistry: Dr. Blanchard.

Credit: One unit.

(Given in 1935-36)

This course deals with the simpler aspects of the chemistry of living organisms. The properties and reactions of the substances of biological importance are studied. Under ordinary circumstances it is expected that a student will have had organic chemistry. There are two lectures and six hours of laboratory work per week.

Chemistry

PROFESSOR:	JAMES LLEWELLYN CRENSHAW, Ph.D.
ASSOCIATE:	ARTHUR CLAY COPE, Ph.D.
INSTRUCTOR:	EDITH HAMILTON LANMAN, M.A.

GRADUATE COURSES

*Graduate
Courses*

The graduate courses in chemistry consist of lectures upon inorganic, organic and physical chemistry, seminars, reports upon current chemical literature and laboratory work. A reading knowledge of French and German is indispensable.

The lecture courses are varied from year to year to meet the requirements of students and to form a consecutive course for those who wish to make chemistry the major subject in the examination for the degree of Doctor of Philosophy. Such students may specialize either in physical or inorganic chemistry under the direction of Dr. Crenshaw or in organic chemistry under the direction of Dr. Cope.

Chemical Seminary, Physical Chemistry: Dr. Crenshaw.

Two hours a week throughout the year.

(Given in each year)

In the lectures no attempt is made to give a general survey of the subject but certain selected portions of the science are treated in detail and the student is made familiar with problems of current interest. Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The laboratory work consists of physico-chemical measurements.

Inorganic Chemistry: Dr. Crenshaw.

One hour a week throughout the year.

(Given in each year)

The work of the seminary consists of lectures, required reading and reports on various topics. The needs of the individual students are considered in selecting the subjects for discussion.

Chemical Seminary, Organic Chemistry: Dr. Cope.

One hour a week throughout the year

(Given in each year)

This is intended primarily for students who are carrying on research in organic chemistry and consists of reports on assigned topics which are usually related to the research in which the student is engaged.

Graduate Organic Chemistry: Dr. Cope.

One hour a week throughout the year.

(Given in each year)

Lectures, reading and occasional reports cover the historical developments and present status of subjects of current interest.

Students counting this course as the equivalent of a seminary are required to do enough laboratory work to make the work of the course occupy fourteen hours a week. The nature of this work depends so largely on the past training of the student that no definite statement can be made regarding it. A sufficiently advanced student may be assigned a problem to investigate.

Chemical Journal Club: Dr. Crenshaw, Dr. Cope and Miss Lanman.

One hour a week throughout the year

*Journal
Club*

The advanced students and the instructors meet to hear reports and discuss recent scientific articles.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

Full Year Courses.

Physical Chemistry: Dr. Crenshaw.

Credit: One and one-half units.

(Given in each year)

The aim of the lectures is to extend the student's knowledge of physical chemistry and to lay a foundation for independent work in this subject. The lectures are supplemented by assigned reading and reports and are intended to give a general outline of the subject. The solution of a large number of problems is required.

The laboratory work is designed to prepare the students for physico-chemical research. By special arrangement this course may count for more than one and one-half units of credit.

Advanced Organic Chemistry: Dr. Cope.

(Given in each year)

The course consists of lectures and assigned reading with occasional reports and laboratory work. During the past year the following subjects received particular emphasis: quaternary ammonium compounds, simple types of unsaturation, the ketenes, conjugated systems, non-benzenoid cyclic hydrocarbons, the properties of aromatic compounds, heterocyclic systems, the carbohydrates, stereochemistry. The laboratory work includes a study of the more important synthetical reactions of organic chemistry.

By special arrangement this course may count for more than one unit of credit.

Inorganic Chemistry: Miss Lanman.

Credit: One unit.

(Given in each year)

Selected topics in inorganic chemistry are discussed in detail and parallel reading is required. The laboratory work consists of advanced quantitative analyses. By special arrangement this course may count for more than one unit of credit.

Classical Archæology

PROFESSORS:

RHYS CARPENTER, Ph.D.

MARY HAMILTON SWINDLER, Ph.D.

ASSOCIATE PROFESSOR:

VALENTIN MÜLLER, Ph.D.

GRADUATE COURSES

Three seminars in archæology of two hours a week each throughout the year and a journal club in archæology are offered to graduate students in addition to the undergraduate courses which are open also to graduate students. *A good reading knowledge of both French and German is indispensable* and familiarity with both Greek and Latin, though not required except for candidates for the doctor's degree in archæology, is of the utmost value for graduate work.

*Graduate
Courses*

In connection with graduate courses the students have access to the collections belonging to the department containing replicas of Greek and Roman coins, facsimiles of gems and seals and a collection of original vase fragments.

The seminaries are open only to graduate students who have had some previous training in classical archæology. The order of the subjects may be changed in accordance with the needs of the students.

Archæological Seminary: Dr. Carpenter. *Two hours a week throughout the year.*
(Given in each year)

1934-35: Epigraphical Archæology. (Open only to students with some knowledge of Greek.)

1935-36: Greek Sculpture of the Fifth Century.

1936-37: Hellenistic Sculpture.

Archæological Seminary: Dr. Swindler. *Two hours a week throughout the year.*
(Given in each year)

1934-35: Ancient Painting. Some phase of painting in ancient times will be the subject of the seminary.

1935-36: Problems in Greek Vase-Painting.

Archæological Seminary: Dr. Müller *Two hours a week throughout the year.*
(Given in each year)

Interrelations between Oriental and Mediterranean Art and Critical Problems in Roman Art are given in alternate years or according to the needs of the students.

*Journal
Club*

Archæological Journal Club: Dr. Carpenter, Dr. Swindler and Dr. Müller. *One and a half hours a fortnight throughout the year.*

The graduate students and the instructors meet for the presentation and discussion of topics of current archæological literature.

ADVANCED UNDERGRADUATE COURSE

*Advanced
Course*

Full Year Course.

Ancient Architecture: Dr. Müller.

Credit: One unit.

Special attention is given to Greek architecture, beginning with the Geometric period. For comparison Egyptian, Oriental and Roman architecture are dealt with, to repeat and to supplement the material treated in other courses, so that a complete picture of ancient architecture as a background of ancient civilization is afforded.

Comparative Philology and Linguistics

This department is under the joint direction of the professors in charge of philological work in the language departments. Comparative Philology and Linguistics may be offered as an allied subject but not as a Major subject for the Ph.D. Graduate students in the language departments, if so directed by the department of major work, may take any of the courses listed below and count them as a part of their philology in the major department. Undergraduate preparation entitling a student to do graduate work in any of the language departments will entitle her to work in this department.

The following courses are offered:

Sanskrit: Dr. Mezger. *Two hours a week during one semester.*
(Given in 1934-35)

Sounds and forms of Sanskrit are studied on a comparative basis.

Old and Middle Welsh: Dr. Mezger. *Two hours a week during one semester.*
(Given in 1934-35)

Comparative grammar. Reading of the Mabinogion.

Old and Middle Irish: Dr. Mezger. *Two hours a week during one semester.*
(Given in 1935-36)

Comparative grammar of Old Irish. Interpretation of texts. For students of comparative philology or such as want to read the tales of the Cuchulinn and Finn cycles.

Introduction to Indo-European Linguistics: Dr. Mezger.
Two hours a week during one semester.
(Given in 1935-36)

After a general introduction to linguistic science, the relations of the principal languages of the Indo-European group will be studied with respect to sounds, inflection, syntax and word formation. One dialect (preferably Lithuanian or Church Slavonic) will be dealt with more closely.

The following courses are described in the announcements of the several language departments, but may also be offered as a part of the work in Comparative Philology:

ENGLISH PHILOLOGY

Old English. *Two hours a week throughout the year.*
Middle English. *Two hours a week throughout the year.*
English Historical Grammar. *Two hours a week throughout the year.*

Graduate
Courses

ROMANCE PHILOLOGY

Introduction to Old French Philology. *Two hours a week throughout the year.*
Old Italian. *Two hours a week throughout the year.*
Spanish Philology and Old Spanish Readings.
Two hours a week throughout the year.

GERMANIC PHILOLOGY

Old Norse. *Two hours a week throughout the year.*
Seminary in Germanic Philology. *Two hours a week throughout the year.*
Introduction to Germanic Philology. *Two hours a week throughout the year.*
Old Saxon and Old Frisian. *Two hours a week during one semester.*

Economics and Politics

PROFESSORS:

MARION PARRIS SMITH, Ph.D.

CHARLES GHEQUERE FENWICK, Ph.D.

ROGER HEWES WELLS, Ph.D.

ASSOCIATE:

KARL L. ANDERSON, Ph.D.

GRADUATE COURSES

*Graduate
Courses*

Two or three seminars are offered each year in addition to the direction of private reading and original research. Advanced undergraduate courses which may be elected by graduate students are also given in each year. Students may offer economics or politics as their major subject for the degree of Doctor of Philosophy.

Seminary in Economics: Dr. M. P. Smith or Dr. Anderson.

*Two hours a week throughout the year.**(Given in each year)*

The object of the seminary is to train students in the methods of research and in the organization of material. Through short reports and longer papers, members of the seminary are given practice in using original sources and in critical study of secondary sources. The seminary discussion is supplemented by occasional lectures. Each student receives individual direction according to her particular needs and interests. The graduate studies pursued in the seminary are designed to assist in fulfilling the requirements for the higher degrees, in qualifying the student for teaching or further research in economics and in preparing for various government civil service examinations.

1934-35: International Trade and Finance: Dr. Anderson.

1935-36: Modern Problems of Distribution: Dr. M. P. Smith.

1936-37: (Topic to be announced later.): Dr. Anderson.

1937-38: Economic Thought in the 19th Century: Dr. M. P. Smith.

1938-39: Industrial Revolution: Dr. M. P. Smith.

Seminary in Politics: Dr. Fenwick.

*Two hours a week throughout the year.**(Given in each year)*

The methods of the seminary are designed to guide advanced students in special research work along the lines indicated by the titles of the courses. Some lectures are given but the main attention is devoted to the presentation and criticism of the results of studies made by the students themselves.

1934-35: The Constitutional Law of the United States.

1935-36: International Law.

1936-37: Constitutional Questions Involved in Modern Economic and Social Problems.

Seminary in Politics or Economics: Dr. Wells.

*Two hours a week throughout the year.**(Given in each year)*

1934-35: Municipal Political and Economic Problems.

1935-36: Comparative Government and Administration.

1936-37: The History of Western Political Thought.

*Journal
Club*

Economics and Politics Journal Club: Dr. Marion Parris Smith, Dr. Fenwick, Dr. Wells and Dr. Anderson.

Two hours once a fortnight throughout the year.

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussion, comment and criticism.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges, graduate students frequently find it advisable to elect some of these courses.

Full Year Courses.

Problems of Economic Recovery: Dr. M. P. Smith. *Credit: One unit.*

(This course is open only to students who have completed the first and second year courses in economics or in politics.)

The object of this course is to give advanced students training in the use of source material for studies in economic problems and in research methods useful for graduate or professional studies. The topics studied will vary from year to year according to the needs and interests of the students in the class, or as political and economic problems become centers of public attention.

Contemporary Politics: Dr. Wells. *Credit: One unit.*

The subject matter of this course will be determined from year to year according to the needs of the class.

FREE ELECTIVE COURSE

Full Year Course.

Elements of Law: Dr. Fenwick. *Credit: One-half unit.*

(Given in 1934-35)

Free Elective Course

The object of this course is to familiarize the student with the principles and technical terms of those branches of private law with which the ordinary citizen is brought into contact. The topics covered include Persons and Domestic Relations, Contracts, Torts, Real and Personal Property and the chief forms of procedure. The lectures are supplemented by a study and discussion of court cases bearing on the subject.

This course may be elected only by students who have completed the first year course in politics or in economics or in history.

Education

PROFESSOR: AGNES LOW ROGERS, Ph.D.

ASSOCIATE PROFESSOR: *ILSE FOREST, Ph.D.

LECTURER: FRANCES M. CLARKE, Ph.D.

The department offers graduate courses designed to meet the needs of two types of students—graduate students who desire to qualify for a teacher's certificate and graduate students who have had sufficient undergraduate training in education to qualify them for graduate work leading to a higher degree.

The degree of Master of Arts in Education and the degree of Doctor of Philosophy in Education are open to graduates of all colleges of high standing under the general conditions prescribed for these degrees.

Students offering themselves as candidates for these degrees in Education must have studied in undergraduate courses: Psychology for 10 semester hours; Principles of Education for 4 semester hours; Sociology, Statistics or Education singly or in any combination for 6 semester hours.

* Granted leave of absence for the year 1934-35. The seminars announced by Dr. Forest will be given by Dr. Clarke.

GRADUATE COURSES

Graduate Courses

Six hours a week of seminary work are offered in each year to graduate students of education.

The Department of Education maintains a clinic for the mental and educational examination of school children. It offers psychological service to the schools of the vicinity.

The clinic is housed in a building behind Cartref where rooms have been equipped for the individual examination of pupils and for remedial work with pupils. There is a laboratory for the statistical work involved in school service carried on by the department. In addition to intensive studies of individual children who are failing with school work, testing programs have been carried through in schools and complete psychological service has been supplied to one large school. The clinic is prepared to extend this service to other schools. In the clinic there is a collection of tests for these purposes together with measurement devices of all types. It is equipped also with remedial materials.

A selection from the following seminaries will be given in accordance with the need and preparation of the students.

Seminary in Mental Measurement: Dr. Rogers.

Two hours a week throughout the year.

This seminary is devoted to the critical investigation of specific problems in the field of mental measurement.

Seminary in Educational Psychology: Dr. Rogers.

Two hours a week throughout the year.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers.

Three hours a week throughout the year.

This seminary gives training in the diagnosis of educational difficulties at all levels and practical experience in giving remedial treatment. Critical study is made of the diagnostic and remedial methods now in use. The seminary is recommended to students preparing for work in child guidance clinics, in child welfare and as school supervisors, visiting teachers and school counselors.

Seminary in Psychology of Speech: Dr. Rogers.

Two hours a week throughout the year.

This seminary gives a systematic presentation of the psychology of speech, the physiological basis of speech, speech defects and methods of correction.

Seminary in Problems in Preschool Education: Dr. Forest.

Two hours a week throughout the year.

(Given in 1935-36)

This seminary is intended for qualified students who have had adequate experience and training in the preschool field. A thorough study is made of the investigations which have contributed to present knowledge concerning the young child's behavior and this theoretical study is supplemented by observation and record taking in neighboring nursery schools.

Seminary in Principles of Education: Dr. Forest.*

Two hours a week throughout the year.

(Given in each year)

This seminary is devoted to the study of modern educational theory and to a consideration of the issues involved in actual and proposed solutions of present educational

* Granted leave of absence for the year 1934-35. The seminaries announced by Dr. Forest will be given by Dr. Clarke.

problems. Practical problems of curriculum, method and school administration directly in line with the interests of individual students will be discussed in the seminary and will, in so far as possible, determine the content of the theoretical readings in the philosophy of education. The content of the seminary will vary from year to year according to the preparation of the students.

Journal Club in Education: Dr. Rogers, Dr. Forest,* and Dr. Clarke.

*Journal
Club*

Two hours once a fortnight throughout the year.

The instructors and students meet to report on and discuss recent reviews and articles and the results of special investigations are presented for comment and criticism

FREE ELECTIVE COURSES

*Free
Elective
Courses*

Full Year Courses.

Mental and Educational Measurement;

Credit: One unit.

Laboratory Work: Dr. Rogers.

(Given in each year)

A broad survey of the aims, methods and results of mental measurement in education at various levels.

Major Topics: significance of the testing movement. Available tests and scales, critical evaluation of tests; technique of administering tests, methods of scoring and interpreting results, use of results in classification of pupils and other problems.

It prepares the student for more specialized practical work in the application of tests in educational problems, vocational guidance, etc. This course is open to students who have taken the second year undergraduate course in Mental Tests and Measurements or its equivalent.

Child Psychology: Dr. Forest.*

Credit: One-half unit.

(Given in each year)

This course deals with the mental and emotional characteristics of growing children, with special reference to the problems of training and guidance arising at various age levels. First-year psychology is a prerequisite.

Students wishing to take the course for a full unit of credit may do so by special arrangement with the instructor for additional reading and observation in nursery schools.

Principles of Education: Dr. Forest.*

Credit: One unit.

(Given in each year)

This course treats of the principles basic to educational procedure. During the first semester the origin and significance of present controversies in education is presented through a study of the rise and development of educational institutions. During the second semester special emphasis is placed upon the philosophy and the practice of modern progressive schools.

1st Semester Course.

Educational Psychology: Dr. Rogers.

Credit: One-half unit.

The aim of this course is to give a knowledge of the facts and laws of Psychology that are essential to an understanding of the educative process and the critical evaluation of methods of instruction. It is designed to be helpful to prospective teachers and is accepted in partial fulfillment of State requirements for teachers.

English

PROFESSORS:

LUCY MARTIN DONNELLY, A.B.

SAMUEL CLAGGETT CHEW, Ph.D.

ASSOCIATE PROFESSORS:

STEPHEN JOSEPH HERBEN, JR., Ph.D.

CLARA MARBURG KIRK, Ph.D.

ASSOCIATE PROFESSOR
OF GERMAN:

FRITZ MEZGER, Ph.D.

ASSOCIATE:

ENID GLEN, Ph.D.

* Granted leave of absence for the year 1934-35. The seminaries and courses announced by Dr. Forest will be given by Dr. Clarke.

GRADUATE COURSES

Graduate Courses

Six seminars are offered each year in English literature and language, accompanied by the direction of private reading and original research. These seminars are varied from year to year so as to enable candidates for the degree of Doctor of Philosophy to pursue graduate work for three or more successive years.

Each seminary meets for one session of two hours weekly.

Seminary in English Literature: Miss Donnelly.

Two hours a week throughout the year.

(Given in each year)

1934-35: Age of Johnson.

1935-36: Problems in Eighteenth Century Literature.

Seminary in English Literature: Dr. Chew.

Two hours a week throughout the year.

(Given in each year)

1934-35: Tudor and Stuart Drama.

1935-36: Victorian Literature.

1936-37: Romanticism.

Seminary in English Literature: Dr. Glen.

Two hours a week throughout the year.

(Given in 1935-36)

Seventeenth Century Poetry: Donne, His Contemporaries and Successors.

Seminary in Old English: Dr. Herben.

Two hours a week throughout the year.

(Given in each year)

This seminary is open to graduate students who have already taken the course in Old English grammar and reading of Old English, or its equivalent.

1934-35: *Beowulf* and The Old English Lyrics.

1935-36: Old English Christian Poetry.

Seminary in Middle English: Dr. Herben.

Two hours a week throughout the year.

(Given in each year)

1934-35: Middle English Romances.

1935-36: Chaucer.

Seminary in Philology: Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

1934-35: Introduction to Germanic Philology.

1935-36: English Historical Grammar.

Journal Club

Journal Club: Miss Donnelly, Dr. Chew, Dr. Herben, Dr. Mezger, Dr. Kirk and Dr. Glen.

One and one-half hours in alternate weeks throughout the year.

ADVANCED UNDERGRADUATE COURSES

*Full Year Courses.**Advanced Courses*

English Literature of the Victorian Period: Miss Donnelly.

Credit: One unit.

(Given in 1934-35)

The poets, critics and novelists are the chief subjects of the course. Reports are required from each student.

English Literature from Dryden to Johnson: Miss Donnelly.

*Credit: One unit.**(Given in 1935-36)*

Dryden, Swift, Pope, Addison, Johnson and other writers are studied, in connection with the development of classicism. Reports are required from each student.

English Literature of the Seventeenth Century: Dr. Glen.

*Credit: One unit.**(Given in 1934-35 and again in 1936-37)*

The poetry of Donne and his school; Milton; and the writings of Burton and Browne are the chief subjects of the course. Reports are required from each student.

Elizabethan Drama: Dr. Glen.

*Credit: One unit.**(Given in 1935-36)*

The course is mainly a detailed study of the plays of Shakespeare. The predecessors are briefly reviewed and some time is devoted to Jacobean dramatists whose work is important for an understanding of Shakespeare. Reports are required from each student.

Old English Literature; Beowulf: Dr. Herben.

*Credit: One unit.**(Given in 1935-36)*

The first part of the course is devoted to an outline of Old English grammar. Graded selections of Old English prose and poetry are read, followed by the *Beowulf* entire.

Private Reading.

Credit: One-half unit.

For students who elect English as a major. Reading under direction to supplement the regular courses for which a time allowance is made. Occasional conferences are held.

FREE ELECTIVE COURSES

*Full Year Courses.***Free
Elective
Courses**

Literary History of the Bible: Dr. Chew.

*Credit: One-half unit.**(Given in 1934-35)*

A general course on the contents of the English Bible (including apocryphal writings) studied from the viewpoint of literary forms and origins and aiming to enable the student to recognize the influence of the Bible on art, literature and other aspects of civilization.

The Modern Novel: Dr. Kirk.

*Credit: One-half unit.**(Given in 1934-35)*

A study of the novel from the mid-Nineteenth Century to the present time.

Technique of Composition: Miss Donnelly.

*Credit: One-half unit.**(Given in each year)*

A study of the principles of writing; illustrative reading from modern prose; and practice in writing according to the interest of each student. The number of students admitted to the course is limited.

Criticism: Dr. Kirk.

*Credit: One-half unit.**(Given in each year)*

Discussion of the principles of criticism; practice in writing articles and reviews.

French

PROFESSOR AND DEAN
OF THE GRADUATE
SCHOOL:

EUNICE MORGAN SCHENCK, Ph.D.

NON-RESIDENT PROFESSOR:

GRACE FRANK, A.B.

ASSOCIATE PROFESSORS:

*JEAN M. F. CANU, *Agrégé*.

MARGARET GILMAN, Ph.D.

ASSOCIATE:

MADELEINE SOUBEIRAN, *Agrégée*.

GRADUATE COURSES

Graduate Courses

Nine hours a week of seminary work and graduate lectures are offered each year to graduate students of French, accompanied by the direction of private reading and original research. The courses, covering the field of Old and Modern French Language and Literature, are arranged to form a triennial cycle. The work of each year centers about one main topic to be studied as a part of the history of French literature in its various relations to the general literature and civilization of the period concerned. Students may enter a seminary in any year and pursue it during three or more consecutive years.

Seminary in French Literature of the Eighteenth and Nineteenth Centuries: Dr. Schenck and Dr. Gilman. *Two hours a week throughout the year.*

(Given in each year)

1934-35: French Drama of the Eighteenth Century.

1935-36: French Poetry of the Nineteenth Century.

1936-37: Flaubert.

Seminary in the Literature and Historical Background of the Sixteenth and Seventeenth Centuries: Mr. Canu* and Miss Soubeiran.

Two hours a week throughout the year.

(Given in each year)

1934-35: The Evolution of Poetic Doctrine in the Classic Period: Miss Soubeiran.

1935-36: The Development of the Reformation and the Renaissance in France (1547-1598).

1936-37: The Preparation of Classicism and Its Historical Background.

Seminary in Mediæval French Literature: Mrs. Frank.

Two hours a week throughout the year.

(Given in each year)

1934-35: The Lyric, including the Courtly Lyric of Provence.

1935-36: Old French Narrative Poetry as represented by the *Chansons de Geste* and the *Romans Courtois*.

1936-37: The Dramatic Literature of Mediæval France.

Introduction to Old French Philology: Mrs. Frank.

Two hours a week throughout the year.

(Given in each year)

This course is equivalent to a full seminary and counts as such.

Journal Club

Romance Languages Journal Club: Dr. Schenck, Dr. Gillet, Mrs. Frank, Dr. Gilman, Mr. Canu,* Dr. Lograsso and Miss Soubeiran.

One and one-half hours a fortnight throughout the year.

The journal club is intended to acquaint the students with the results of contemporary research in the Romance languages and literature.

* Granted leave of absence for the year 1934-35.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

Full Year Courses.

French Lyric Poetry of the Nineteenth Century: Dr. Gilman.

Credit: One unit.

(Given in 1934-35)

French Literature of the Sixteenth Century: Miss Soubeiran.

Credit: One unit.

(Given in 1935-36)

Introduction to Medieval Literature and Philology.*

Credit: One unit.

(Given in 1935-36)

Studies in the Historical Background of French Literature: Mr. Canu.

Credit: One unit.

(Given in 1936-37)

FREE ELECTIVE COURSE

Full Year Course.

Modern Tendencies in French Literature: Dr. Schenck.

Credit: One-half unit.

(Given in each year)

Lectures, class discussion and reports are in English; the reading in connection with the course is in French.

Only those students will be admitted who have completed the course in First Year English Literature or the second year course in French Literature.

*Free
Elective
Course*

Geology

ASSOCIATE PROFESSORS: EDWARD H. WATSON, Ph.D.

LINCOLN DRYDEN, Ph.D.

ASSOCIATE:

DOROTHY WYCKOFF, Ph.D.

GRADUATE COURSES

The graduate courses in geology consist of lectures, reports and laboratory work in the general fields of petrologic and stratigraphic geology. They are intended for students who have had undergraduate courses in general geology, paleontology and mineralogy. A reading knowledge of French and German is necessary.

*Graduate
Courses*

All of the courses listed below will not be given in any one year, and their content may vary somewhat to meet the interests and requirements of the students. In general, work in petrology and mineralogy will be under the supervision of Dr. Watson, work in stratigraphy and sedimentation under Dr. Dryden and work in metamorphism under Dr. Wyckoff. The main purpose of all of the seminaries given is to focus the attention of the students on independent work of their own, preferably that leading to the doctor's degree.

* This course was given in 1933-34 by Miss Berthe Marti.

For students wishing to specialize in petrology, mineralogy or metamorphism courses in general chemistry, general physics and physical chemistry are desirable; for those specializing in stratigraphy or sedimentation, general biology and general chemistry are desirable.

Seminary in Petrology;

Laboratory Work: Dr. Watson.

Three hours a week throughout the year.

(Given in each year)

Three lectures will be given weekly. The selection of subjects will be dependent somewhat on the interests of the students and may be varied from year to year. In general, they will include the petrology of the igneous rocks, their structure, physical chemistry and theories of origin. Regional studies will be made, and formal reports given by the students. The laboratory work will consist of the application of petrographic methods to the crystalline rocks, including the use of the Federov stage, microchemical tests, and immersion methods. Also, systematic examination will be made of the extensive rock and thin-section collections of the department.

Seminary in Sedimentation or Stratigraphy: Dr. Dryden.

Three hours a week throughout the year.

(Given in each year)

Lectures in sedimentation will be subordinated to laboratory procedure and personal investigation. The work will fall under three heads:

(1) Mechanical analysis of sediments: the theory of elutriation, theory and practice of analysis by sifting, and the application of the results so obtained to correlation, processes of sedimentation, and paleo-geography.

(2) Study of detrital minerals: methods of separation, microscopic study of heavy residues, and application to correlation and questions of provenance.

(3) A general consideration of the utility of sedimentary studies in general geology and to detailed zoning of formations. Optical mineralogy is prerequisite to this course.

The lectures in stratigraphy will be devoted to regional geology and correlation, with especial reference to North America. Certain areas will be studied in detail by synthesizing geologic literature pertaining thereto. Newer methods of work, involving differentiation of very small units, will be included. Reports and conferences will be considered an integral part of the course.

Seminary in Metamorphism: Dr. Wyckoff.

Two hours a week throughout the year.

(Given in alternate years)

The course will be conducted by means of lectures, reports by students, and informal discussions, dealing with the materials and classification of metamorphic rocks, and with the processes of metamorphism. In the laboratory various types of metamorphic rocks will be studied under the microscope.

Prerequisites for the course are general chemistry, determinative and optical mineralogy.

Journal Club

Geological Journal Club: Dr. Watson, Dr. Dryden and Dr. Wyckoff.

Two hours once a fortnight throughout the year.

The graduate students and the instructors meet for the presentation and discussion of recent geological literature.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

Certain of the advanced undergraduate courses are designed to give a general training in geology, whereas others provide special training for independent work. All of the courses listed are not given in any one year and the contents of some of them may be varied to meet the interests and training of the students.

Full Year Courses.

Advanced General Geology: Dr. Watson, Dr. Dryden, Dr. Wyckoff.

Credit: One unit.

(Given in 1934-35)

This course is open to students who have had the first and second year geology. Students who have had only the first year course may be admitted at the discretion of the department. It is intended to give a broader conception of the science of geology as a whole than can be gained from the more specialized courses that are offered by the department.

Many of the topics introduced in First Year Geology are reconsidered in a more fundamental way, the chief emphasis being laid upon the theories underlying modern research methods in geology, and upon the relation of all these fields of research to each other and to other sciences.

Topics such as the following may be considered in the course: isostasy and mountain building; continental drift; radioactivity and geology; the nature and origin of rocks; the distribution of mineral deposits; evolution in geologic time; geologic climates; the problems of petroleum; methods of correlation in geology; seismology and the character of the earth's interior.

Each member of the department will conduct that part of the course which lies within his own field of work.

Optical Mineralogy: Dr. Wyckoff.

Credit: One and one-half units.

Two lectures and eight hours of laboratory weekly.

The first part of the course is devoted to lectures and laboratory work on the optical properties of crystals, the theory of the petrographic microscope and the elements of petrographic methods. This is followed by a discussion of the constitution of the silicates, as indicated by their chemical composition, and their crystalline structure as revealed by the use of x-rays. In the latter part of the course, a systematic discussion of the silicates is given, with particular emphasis on their chemistry and optical properties. The laboratory work deals with the determinative mineralogy of the silicates, especially by optical methods. Practice is given in the determination of crushed material by the immersion method, and in the study of thin sections of rocks.

Crystallography and determinative mineralogy are prerequisite to this course.

Physiography: Dr. Dryden.

Credit: One unit, or one-half unit

Laboratory Work: Dr. Dryden.

Three lectures and one afternoon of laboratory a week. Special emphasis is placed on a study of the physiographic provinces of the United States. The basis of this study, however, is the general areal geology of the regions discussed, and their physiography will be considered as surface expression of the underlying formations, as modified by constructive and destructive processes. Regular reports on general geology, structure, glaciation, etc., are an important part of the work. Physical and historical geology are prerequisite to this course.

Full Year Course.

Field Methods in Geology.

Credit: One unit.

1st Semester.

Geological Surveying: Dr. Watson.

Two lectures and at least one afternoon period will be given weekly. During milder weather in the Spring and Fall an additional afternoon period will be employed. The work consists of the theory and practice of geologic mapping, including the making of pace and compass traverses and plane-table surveying. Special instrumental methods, such as the use of the barometer and range-finder will also be considered and some practice in photography as applied to geology. Later in the term a discussion of the geometrical problems of field geology will be discussed. The main emphasis in the course will be placed on the individual practice and manipulation by the students of the methods and instruments discussed.

2nd Semester.

Structural and Field Geology: Dr. Wyckoff and Dr. Watson.

In the second semester there will be two lectures each week dealing with the problems of structural geology. These are supplemented by reading, by the solution of problems and later by the discussion of special types of problems (possibly some concerning metamorphic rocks) which arise in connection with the student's own field investigations. In the Spring each student is assigned a small field problem of her own, which is worked out under the direction of one of the members of the staff and is made the subject of a final report. More advanced students may be given the opportunity of enlarging the scope of their field problem to include more detailed work in stratigraphy or petrology.

German

ASSOCIATE PROFESSOR:

FRITZ MEZGER, Ph.D.

ASSOCIATE:

MYRA RICHARDS JESSEN, Ph.D.

GRADUATE COURSES

Graduate Courses

Three or four seminars of two hours a week each throughout the year are offered to graduate students of German Literature and Germanic Philology. In addition individual students will be directed in special work by means of private conferences. The subjects or the order of the subjects may be changed in accordance with the needs of the students.

Seminary in German Literature: Dr. Jessen.

Two hours a week throughout the year.

(Given in each year)

1934-35: Topics from the field of the "Novelle" in the periods of Romanticism and Realism.

GERMANIC PHILOLOGY

The English and the German departments together have provided for a complete course in Germanic Philology, comprising both the study of the individual languages (Gothic, Norse, Anglo-Saxon, Old Saxon, Old High German, Middle High German, Middle Low German, etc.) and the study of general Comparative Philology.

Students intending to elect Germanic Philology are advised to study Greek for at least one year during their undergraduate course.

Old Norse: Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

1934-35: Edda.

1st Semester.

The Family Saga.

2nd Semester.

Introduction to Germanic Philology: Dr. Mezger.

Two hours a week throughout the first semester.

(Given in 1934-35)

Gothic and West Germanic sounds and inflection are studied on a comparative basis.

Old Saxon and Old Frisian: Dr. Mezger.

Two hours a week throughout the second semester.

(Given in 1934-35)

This seminary is given when no seminary in Comparative Philology is given.

Seminary in Germanic Philology: Dr. Mezger.

Two hours a week throughout the year.

(Given in each year)

Open to students who have had at least one year of Germanic or Indo-European philology.

1934-35: Studies in Comparative Germanic Philology: Syntax and Word formation; Problems of Word-Geography.

1935-36: Studies in the History of the German Language. Interpretation of Old High German, Middle High German and Old Saxon Texts. Topics in Old High German and Middle High German Literature.

1936-37: Walther von der Vogelweide und die Dichter des Minnesangs.

1st Semester.

Studies in semantics and word formation.

2nd Semester.

German Journal Club: Dr. Mezger and Dr. Jessen.

One and one-half hours once a fortnight throughout the year.

*Journal
Club*

At the meetings recent books and articles are reviewed and the results of special investigations presented for discussion, comment and criticism.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect some of these courses.

*Advanced
Courses*

Full Year Course.

Germanic Philology and Literature: Dr. Mezger.

Credit: One unit.

(Given in 1935-36 or in 1934-35 as a substitute for the course in German Literature from 1850-1930)

1st Semester.

Introduction to German Philology.

2nd Semester.

Middle High German Literature.

During the second semester Wolfram von Eschenbach, Gottfried von Strassburg, Hartmann von Aue, Walther von der Vogelweide and Nibelungenlied will be studied.

Full Year Courses.

German Literature from 1850-1930: Dr. Mezger.

Credit: One unit.

(Given in 1934-35)

Selected works of Keller, Meyer, Storm, Thomas Mann, Stehr; Hauptmann, George, Rilke will be read. The main trend of modern German thought will be studied.

The German "Novelle" from the time of Goethe to the period of Expressionism: Dr. Jessen.

Credit: One unit.

(Given in 1934-35)

This course deals with the influence of Boccaccio and Cervantes on the development of the "Novelle" in Germany, with the theories of Goethe, the Romanticists and the Realists, and the changing phases of this form of writing in the Nineteenth Century and the first decade of the Twentieth Century.

The German Drama: Dr. Jessen.

Credit: One unit.

(Given in 1935-36)

The German Lyric and Ballad: Dr. Jessen.

Credit: One unit.

(Given in 1936-37)

Advanced Composition: Dr. Jessen.

Credit: One-half unit.

(Given in 1934-35, or in other years if desired)

Greek

PROFESSORS:

HENRY NEVILL SANDERS, Ph.D.

RHYS CARPENTER, Ph.D.

GRADUATE COURSES

Five hours a week of seminary work are offered each year to graduate students of Greek, accompanied by the direction of private reading and original research.

The graduate courses in Greek are varied from year to year in two series, Attic Tragedy, Orators and Historians; the Homeric Question,

Plato, Aristophanes and Herodotus, in order that they may be taken in consecutive years. A large part of the work expected of graduate students consists of courses of reading pursued under the direction of the department and reports on this reading are from time to time required of the students. A reading knowledge of French and German is required. The course in Comparative Philology is recommended to graduate students of Greek. For graduate courses in Classical Archæology, which may be offered as an associated or independent minor by students taking Greek as a major for the degree of Doctor of Philosophy, see page 50.

Graduate Courses

Greek Seminary: Dr. Sanders.

Three hours a week throughout the year.

(Given in each year)

1934-35: Greek Orators.

The work consists of the reading of large portions of all the orators and the critical interpretation of a selected part of each. Lectures are given on legal antiquities, the syntax and the style of the various authors, in conjunction with which Dionysius of Halicarnassus and the Greek rhetoricians are studied. The later rhetoricians are treated and their criticisms of antiquity investigated. Students are expected to provide themselves with the Teubner text editions of Antiphon, Andocides, Lysias, Isocrates, Isæus, Æschines, Hyperides and Demosthenes. The classical library is well equipped with works on the orators.

1935-36: Greek Historians.

Thucydides is studied in detail and reports are made on data of history contained in Greek literature in general. Lectures are given by the instructor on subjects connected with Greek historiography, such as the composition of Thucydides' history, the syntax and style of Thucydides, the history of early prose, Greek historical inscriptions.

1936-37: Attic Tragedy.

The work of the seminary in textual criticism is devoted to Sophocles. Members of the seminary report on assigned subjects and give critical summaries of current classical literature.

Greek Seminary: Dr. Carpenter.

Two hours a week throughout the year.

(Given in each year)

1934-35: Herodotus: the literary, historical, philological and archæological aspects of his history.

1935-36: The Homeric Question.

The work consists of a review of the discussions of the Homeric question since the publication of Wolf's *Prolegomena*. The various tests that have been applied to the poems by archæologists, linguists, historians of myths and æsthetic critics are taken up and criticized in detail.

Journal Club

Greek Journal Club: Dr. Sanders and Dr. Carpenter.

One and one-half hours once a fortnight throughout the year.

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges, graduate students frequently find it advisable to elect some of these courses. The value of each course is one-half unit and each course continues through one semester.

Attic Tragedy;
Pindar and Bacchylides;
Attic Orators;
Historians;
Rhetoricians: Dr. Sanders.

Plato;
Pindar;
Melic Poets;
Homer;
Lucian: Dr. Carpenter.

History

PROFESSORS:	HOWARD LEVI GRAY, Ph.D.
	WILLIAM ROY SMITH, Ph.D.
	CHARLES WENDELL DAVID, Ph.D.
DEAN OF THE COLLEGE:	HELEN TAFT MANNING, Ph.D.
ASSOCIATE PROFESSOR OF LATIN:	THOMAS R. S. BROUGHTON, Ph.D.
ASSOCIATE:	CAROLINE ROBBINS, Ph.D.

GRADUATE COURSES

Apart from the direction of private reading and original research, seminars and graduate courses in Mediæval and Modern European History and in American History are offered to graduate students. European History or American History may be offered as a major subject for the degree of Doctor of Philosophy.

*Graduate
Courses*

Seminary in Mediæval and Modern European History: Dr. Gray.

Two or three hours a week throughout the year.

(Given in each year)

1934-35: Topics in the History of England from 1450 to 1600.

Among these are the significance of the War of the Roses, the reconstructed administration of Yorkists and Tudors, the agrarian and industrial problems of the sixteenth century, new international ambitions after 1485, the renunciation of papal authority by the English church, the consequent dogmatic and social changes, the maintenance of Protestantism under Elizabeth, commercial rivalry with Spain and the defeat of the Armada.

1935-36: Topics in the History of Europe since 1870.

Among these are the Bismarckian system, the rise of the third French Republic, the development of industrial England, the policy of the Tsars, the genesis and progress of the World War, the treaty of Versailles and the problems of post-war Europe.

1936-37: Topics in the History of England from 1250 to 1450.

Among these are national resistance to papal encroachments, the military, financial and legal innovations of Edward I, the causes of the Hundred Years War, the conduct of the war by Edward III, the rôle of Italians and Hansards in English economic life, the rise of the woolen industry and of a native merchant class, the consequences of the Great Pestilence, the doctrines advocated by Wycliffe, the Council of Constance, the loss of English possessions on the Continent and the development of Parliament.

Seminary in American History: Dr. William Roy Smith.

Two hours a week throughout the year.

(Given in each year)

1934-35: The Revolution, the Confederation and the Constitution.

American history from 1776 to 1789 is discussed primarily from the local point of view as a step in the conflict between the seaboard aristocracy and the democracy of the frontier. The social and economic forces which led to the adoption of the Federal Constitution and the subsequent formation of national political parties are investigated.

1935-36: The Civil War and Reconstruction.

Special stress is laid upon the social, economic and political reorganization of the South, the North and the West and also of the nation as a whole during the period from 1861 to 1877.

1936-37: The Colonial Period.

The course begins with a brief survey of the European background and the period of discovery and then deals more fully with the origins of the English continental colonies, the expansion of the frontier, the intercolonial wars and the relations with the mother country before 1763.

Graduate Course in Historical Bibliography and Criticism and the Auxiliary Sciences: Dr. David. *Two or three hours a week throughout the year.*

(Given in 1934-35)

This graduate course should be elected by all students who are preparing themselves for the Ph.D. degree with History as a Major.

The principal subjects studied are historical bibliography, historical criticism, the history of history, and the auxiliary sciences, chronology, palæography, and diplomatics. The course consists of lectures, assigned reading and problem work. Adjustments are made to meet the needs of individual students.

Graduate Course in the Constitutional History of England from earliest times to the accession of Edward I: Dr. David.

Two or three hours a week throughout the year.

(Given in 1935-36)

The course is based upon a wide reading of the sources, particularly those collected in *Select Charters and Other Illustrations of English Constitutional History*, arranged and edited by William Stubbs and on a careful examination of the older and the more recent theories of English constitutional development which are contained in an extensive secondary literature. The topics studied include: the origin of early English institutions, the institutions of the Anglo-Saxon period, the consequences of the Norman Conquest, the introduction of feudalism and its influence on constitutional development, the growth of the Anglo-Norman monarchy, legal and administrative institutions under Henry II, the exchequer, finance and taxation, Magna Carta, municipal institutions, the rise of a national spirit, the struggle between the king and the barons and the attempts to devise constitutional checks upon royal power during the reign of Henry III.

Seminary on the Age of the French Revolution: Dr. David.

Two or three hours a week throughout the year.

(Given in 1936-37)

The subject matter of the course is chosen with reference to the needs and interests of the students who take it, the principal emphasis usually being placed upon France, but sometimes upon England. Topics are selected with a view to illustrating different kinds of historical problems and gaining an acquaintance with the principal printed sources and secondary works and extending the student's knowledge of the whole era from about 1750 to 1815. Attention is paid to social and economic as well as to political problems. The intellectual background of the revolutionary and reform efforts is also considered.

Seminary in Social and Constitutional History of England Under the Stuarts, 1603-1714: Dr. Robbins.

Two hours a week throughout the year.

(Given in 1934-35)

Both domestic and foreign policies will be studied as far as possible from source material. The classes will consist of some preliminary discussion of the structure of English history in the period; of its chief historians, early and modern; and of some special topics, or important problems. These last will be dealt with according to suitability and occasion by the instructor and the students either individually or in class discussion. While much of the time allotted to the course will bear immediate relation to that joint work listed above, due allowance will be made for private reading on aspects of the subjects interesting to any member of the class.

Seminary in Western European History, from the accession of Isabella in Castile, 1474, to the meetings of the States-general in France, 1789: Dr. Robbins.

Two hours a week throughout the year.

(Given in 1935-36)

The development of society, institutions, religion and overseas enterprise in France, Spain and Germany will be studied. Attention will be given to the decline of the Cortes of Spain, the estates in France and the diet in Germany; to the rise and spread of the Jesuits; to the Protestant Reformation; to the growth of absolutism. The colonial efforts of France and Spain will be compared and their relation to similar movements

elsewhere. If time permits, the changing attitude of European writers to their own history and to education generally will be studied from contemporary sources. A reading knowledge of French is essential for this course.

Historical Journal Club: Dr. Gray, Dr. William Roy Smith, Dr. David, Dean Manning and Dr. Robbins.

*Journal
Club*

The instructors in the department of history and the graduate students who are pursuing advanced courses in history meet once a fortnight to make reports upon assigned topics, review recent articles and books, and present the results of special investigations.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Since the amount of time given to undergraduate subjects differs in different colleges graduate students frequently find it advisable to elect this course.

*Advanced
Courses*

1st Semester Courses.

The United States Since 1898: Dr. Smith.

Credit: One-half unit.

This course deals mainly with the imperial problems that followed the Spanish-American War, the expansion of American influence in the Caribbean and in the Pacific and the growth of the United States as a world power.

English History in the Nineteenth Century: Dr. Robbins.

Credit: One-half unit.

(Given in 1934-35)

This course is planned as one in English domestic history from the ministries of the younger Pitt to the death of Edward VII. Reading will be assigned mainly from the excellent biographical material available and from the memoirs of the period. Amongst topics studied will be: the careers of Pitt, Wellington, Peel, Palmerston, Prince Albert, Gladstone, Manning, Disraeli and Joe Chamberlain; the cause of Parliamentary reform, Francis Place and the Suffragette movement; the Darwinian theories, the Oxford Movement and the reform of educational institutions; England's activity in Africa and Arabia, her relations with European powers and alliances; the connection between history and English literature during the period as shown by the political activities and literary figures. A short paper will be expected from each member of the class but most attention will be given to reading and class discussion. Each member of the class will, as far as possible, have opportunity to study that aspect of the period most interesting to herself.

2nd Semester Course.

Europe since 1870: Dr. Gray.

Credit: One unit.

(Given in 1934-35)

This course is designed for students who wish to know the genesis and setting of contemporary social and political problems. It is of necessity largely concerned with the causes, progress and effects of the World War. The rise of Germany as a unified industrial state, her rivalry with her neighbors, the consequent formation of alliances, the immediate antecedents of the war, the military and industrial conduct of it, the appearances of revolutionary governments in central and eastern Europe, the consequences of the peace of Versailles and the fortunes of old and new states in post-war Europe are among the subjects studied. A reading knowledge of French is required.

FREE ELECTIVE COURSE

Full Year Course.

Civilization of the Ancient World: Dr. Broughton.

Credit: One unit.

(Given in 1935-36)

Special attention is paid to Greece and Rome; but consideration is also given to the subject of pre-history, to the early civilizations of western Asia, Egypt and the Aegean region, and to the influence of environment, race and culture upon human development. The course is planned to cover the period from earliest times to the Fourth Century A. D.

(This course may be taken as a free elective and if elected must be continued throughout the year.)

*Free
Elective
Course*

History of Art

PROFESSOR:	GEORGIANA GODDARD KING, M.A.
ASSOCIATE PROFESSOR:	ERNST DIEZ, Ph.D.
LECTURERS:	RICHARD BERNHEIMER, Ph.D. HAROLD WETHEY, Ph.D.
READER:	DOROTHEA CAROLINE SHIPLEY, M.A.

Graduate Courses

GRADUATE COURSES

Six hours a week of seminary work are offered each year to graduate students of History of Art accompanied by the direction of private reading and original research and the courses are varied from year to year so that they may be pursued by students through three or more successive years. In addition to the graduate seminaries announced, other courses will be provided as need for them arises, and individual students will be directed in special work by means of private conferences. History of Art may be offered as a major for the degree of Doctor of Philosophy. The first and second year courses of the department amounting to four and one-half units may be elected by graduate students as well as two units of advanced undergraduate work.

Seminary in History of Art: Miss King. *Two hours a week throughout the year.*
(Given in each year)

1935-36: Spanish Painting; The Golden Century.

In this two-year course the sources and development of Spanish painting are considered from the early miniature down to the work of living painters, a single epoch being selected in any one year. Students are expected to learn something about the Spanish character and history and to make short trips to see paintings on exhibition in America.

1936-37: Romanesque Origins; Sculpture.

The sources of Romanesque figure-sculpture are studied and its development traced with due consideration of priority, influence and outcome. The details of this course will be announced later.

Graduate work in modern painting will also be arranged for any student who wishes to combine History of Art with English or French literature and a course, if needed, offered in Sources and Problems of Modern Art. While the order of the courses may be altered to suit the needs of individual students, certain canons of art and certain æsthetic problems will be considered in successive years.

Seminary in Essential Problems of Late Baroque Art: Dr. Diez.

Two hours a week throughout the year.

(Given in 1934-35)

The problems of the unification of all categories of arts, and of their subordination to architecture will be the leading theme of discussion. Town, garden and palace planning will be studied at first. The discussion of the formation of the main types of profane buildings and of their interior decoration, especially the formation of walls and ceilings will follow. The close connection of sculpture, wall and panel painting and ornament as decorative allies of architecture to the effect of universal art works will be considered.

Seminary in Mediæval Wall Painting and Mosaics in Italy: Dr. Diez.

Two hours a week throughout the year.

(Given in 1935-36)

The evolution of wall painting and mosaics in the churches of Italy will be treated as well as the influence of Byzantine Art on mediæval Roman wall and mosaic painting and the evolution of Romanesque and Gothic style.

Seminary in Minor Arts in the Middle Ages and the Renaissance: Dr. Bernheimer.

Two hours a week throughout the year.

(Given in 1934-35)

The minor arts from the early Romanesque epoch to the Sixteenth Century are considered in their successive developments and from their importance in the life of their epoch; stress

is laid upon their relations to the higher arts: metal work, enamels, stained glass, ivories and textiles, including tapestries being the main subjects of investigation.

1st Semester.

In the first term after a brief review of Carolingian Art the minor arts of the Romanesque and the early Gothic epoch are considered, special stress being laid upon metal work and its importance in the church.

2nd Semester.

The minor arts of the Fourteenth, Fifteenth and Sixteenth centuries are considered, special stress being laid upon secular iconography and the arts of the court. Tapestries are in the centre of investigation.

Seminary in Renaissance Sculpture: Dr. Wethey.

Two hours a week throughout the year.

(Given in 1934-35)

This seminary will be fundamentally a study of Italian sculpture in the Fifteenth and Sixteenth centuries. Subsequently the Renaissance in Spain and the northern countries will be considered in both the indigenous and the Italianate phases.

Journal Club in the History of Art: Miss King, Dr. Ernst Diez, Dr. Bernheimer, Dr. Wethey and Miss Shipley.

Two hours once a fortnight throughout the year.

The instructors and the graduate students meet for the presentation and discussion of current literature on Mediæval Archaeology and the History of Art and for discussion of current exhibitions.

**Journal
Club**

ADVANCED UNDERGRADUATE COURSES

Full Year Courses.

Spanish Architecture: Miss King.

Credit: One unit.

(Given in 1935-36)

This course is open only to students who have completed the first and second year work in history of art, or an equivalent course. After the Visigothic, Reconquest and Mozarabic churches have been considered, the greater part of the year is devoted to Romanesque and Gothic, with a short study of Mudéjar art in the middle of the year and one later of the special aspects of the Spanish Renaissance.

Spanish Primitives: Miss King.

Credit: One unit.

(Not given in 1934-35)

The work begins with a consideration of the Mozarabic and proto-Mudéjar manuscripts and is occupied with the Catalan and Valencian primitives, their sources and their special qualities, for the greater part of the year. Castilian, Leonese and early Sevillian painting are taken into account and the study stops arbitrarily at 1500.

Renaissance and Baroque Architecture in Italy and the Northern Countries: Dr. Diez.

Credit: One unit.

(Given in 1934-35)

This course begins with Early Renaissance Architecture in Italy and proceeds to Baroque. The influence of Italian Renaissance architecture, especially of Palladio, on France, Germany and England will be studied as well as the eighteenth century Baroque style in Austria and Germany in connection with its sculpture and ceiling painting.

Sociology of Art: Dr. Diez.

Credit: One unit.

(Given in 1935-36)

The main function of any work of art is the expression of emotions and their communication to the observer, who thus feels emotionally exalted. Accordingly the investigation of this eminent social function is the subject of Sociology of Art. There are two sections in this field, the intellectual and the emotional, which complement each other. Thus the social feeling (*Gemeinschaftsgefühl*) as a result of the social-economic conditions in the various periods of human culture will be discussed and the varying sense of style will be demonstrated as the adequate formal frame for the realization of art as the emotional expression of each period.

**Advanced
Courses**

Philosophy of Art: Dr. Diez.

Credit: One unit.

(Given in 1936-37)

In contradistinction to the abstract study of the æstheticians, the course in philosophy of art is based on the historical manifestations of art and searches for the laws of the historical way that art has taken. As an introduction, the first part of this course will deal with the methods of looking at works of art and the explanation of the leading terms including the recent terminology in modern art. The second part will deal with the genesis of space by means of lines, planes, colours and chiaroscuro and the corresponding evolution of style in four grades, namely ornamental, plastic, tectonic and pictorial. This evolution occurred in accordance with the historical evolution of human culture.

French Art in the Seventeenth and Eighteenth Centuries: Dr. Wethey.

Credit: One unit.

(Given in 1934-35)

The course will offer a comprehensive study of architecture, sculpture and painting from the reign of Henry IV up to the French Revolution. Particular emphasis will be given to the place of art in the courts of Louis XIV and Louis XV.

German Art of the Middle Ages and the Renaissance.

Credit: One unit

(Not given in 1934-35)

Beginning with the great manuscript schools and the earliest sculptures, the course traces the development of German architecture, sculpture and painting through the sixteenth century, emphasizing especially the phases which are most characteristically German and aiming to give a clear and comprehensive understanding of German art as a definite and individual unit in the general history of art.

FREE ELECTIVE COURSES

Full Year Courses.

Modern Art: Dr. Diez.

Credit: One-half unit.

(Given in 1934-35)

The course is intended to give all students the chance of acquiring a sound knowledge and understanding of the Fine Arts of our days.

As a foundation for its understanding the various revolutionary phases of paintings since the middle of the Nineteenth Century, such as Naturalism, Impressionism, Pleinairism, Pointillism, Cubism, Futurism and Expressionism will be discussed. Stress will be laid on the works of the most prominent living painters in America and Europe. Modern architecture and sculpture will also be considered thoroughly.

Art of the Far East: Dr. Diez.

Credit: One-half unit.

(Given in 1935-36 and again in 1937-38)

Students majoring in history of art are expected to elect this course before being admitted to advanced work.

1st Semester.

The art of India, Ceylon, Java, Birma, Siam and Cambodia will be studied in the first semester.

2nd Semester.

The work of the second semester will be entirely dedicated to the art of China and Japan, with stress on the painting.

History of Prints.

Credit: One-half unit.

(Not given in 1934-35)

The course begins with the earliest German block-prints of the first half of the fifteenth century and traces the history of woodcuts, engravings and etchings through the work of the great masters at the close of the nineteenth century. Lithography, mezzotint and other allied processes are considered briefly.

Italian

ASSOCIATE PROFESSOR: ANGELINE HELEN LOGRASSO, Ph.D.

GRADUATE COURSES

The graduate seminary in Italian is varied from year to year in order that it may be pursued by a student for consecutive years.

*Graduate
Courses*

Seminary in Italian Literature: Dr. Lograsso.

Two hours a week throughout the year.

1934-35: Studies in Italian Romanticism.

1935-36: Dante.

1936-37: Literary Criticism in Italy.

If necessary, modifications may be made in the work of the seminary to meet the special needs of students.

Old Italian: Dr. Lograsso.

Two hours a week throughout the year.

Old Italian Philology, with critical reading of early Italian texts.

ADVANCED UNDERGRADUATE COURSES

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect the three-hour course before entering the seminary.

*Advanced
Courses*

Full Year Courses.

Dante: Dr. Lograsso.

Credit: One unit.

(Given in each year)

All of the *Vita Nuova* and the *Divine Comedy* will be read and discussed. Attention will be given also to Dante's other works in Italian and in Latin.

Advanced Italian Composition: Dr. Lograsso.

Credit: One-half unit.

(Given in each year)

The Italian Literature of the Rinascimento: Dr. Lograsso.

Credit: One unit

(Given in each year)

FREE ELECTIVE COURSE

Full Year Course.

The Italian Literature of the Nineteenth Century: Dr. Lograsso.

Credit: One unit.

(Given in each year)

Only those students will be admitted who have completed the course in general English Literature and have a wider knowledge of Italian than is acquired in the first year course.

*Free
Elective
Course*

Latin

PROFESSOR:

*LILY ROSS TAYLOR, Ph.D.

ASSOCIATE PROFESSOR:

THOMAS ROBERT SHANNON BROUGHTON, Ph.D.

LECTURER:

LOUISE ADAMS HOLLAND, Ph.D.

INSTRUCTORS:

RUTH FAIRMAN, M.A.

AGNES KIRSOPP LAKE, M.A.

GRADUATE COURSES

Two seminars are offered to graduate students of Latin accompanied by the direction of private reading and original research. The advanced

*Graduate
Courses*

* Granted leave of absence for the year 1934-35.

undergraduate courses of the department may also be elected by graduate students.

The graduate courses in Latin are varied from year to year in such a way as to enable candidates for the degree of Doctor of Philosophy to pursue the work for three successive years.

It is desirable that all students who intend to do advanced work in Latin should have a good knowledge of Greek. A reading knowledge of French and German is necessary.

Latin Seminary: Dr. Taylor.

Two hours a week throughout the year.

1935-36: The poetry of the Augustan Age.

Special emphasis is placed on the work of Horace and Vergil in its relation to the principate of Augustus. Students may select subjects for investigation from the whole field of Augustan poetry.

1936-37: The beginnings of Latin Literature.

A study of the native forms and of the development of literature from Livius Andronicus to Terence.

Latin Seminary: Dr. Broughton.

Two hours a week throughout the year.

1934-35: The Roman Empire.

A study from the sources of the organization and development of the Empire during the first century A.D. with special emphasis upon the works of Tacitus.

1935-36: Cicero's Correspondence.

An effort is made to master typical textual and linguistic problems presented by the text. Special attention is paid to Roman administration and political conditions during the last years of the Republic. The edition of Tyrrell and Purser, *The Correspondence of M. Tullius Cicero*, 7 vols., forms the basis of the work.

1936-37: Livy's History.

A study is made of the political and institutional development of Rome from the earliest times to the close of the Macedonian wars. The works of Livy are used as the basis of study with criticism of other sources.

Latin Seminary: Dr. Holland.

Two hours a week throughout the year.

1934-35: The Roman Calendar.

A study based on inscriptions and literary evidence of the religious festivals and the topography of Rome from the founding of the city to the time of Augustus.

Journal Club

Latin Journal Club: President Park, Dr. Taylor,* Dr. Broughton, Dr. Holland, Miss Fairman and Miss Lake.

One and a half hours once a fortnight throughout the year.

The instructors and the advanced students meet to report on and discuss recent articles and books.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to undergraduate subjects differs in different colleges, graduate students frequently find it advisable to elect some of these courses.

The work of the advanced Latin is arranged in semester courses. If elected separately the credit for each course is one-half unit.

1st Semester Course.

Cæsar and Cicero: Dr. Broughton.

Credit: One-half unit.

(Given in 1934-35)

Extensive selections from Cicero's Orations and Letters and from Cæsar's Commentaries will be read. The chief emphasis will be upon the social and political history of the period.

* Granted leave of absence for the year 1934-35.

2nd Semester Course.

Augustus and Tiberius: Dr. Holland. *Credit: One-half unit.*
(Given in 1934-35)

The Monumentum Ancyranum, Suetonius, *Augustus*, and Tacitus, *Annals*, I-VI will form the basis of a study of the early imperial period.

1st Semester Course.

Lucretius and Cicero: Dr. Taylor. *Credit: One-half unit.*
(Given in 1935-36)

The *De Rerum Natura* of Lucretius and selections from Cicero's philosophical works will be read. The work will include a study of the chief schools of philosophy in the period with special emphasis upon Epicureanism.

2nd Semester Course.

Vergil's *Æneid*: Dr. Broughton. *Credit: One-half unit.*
(Given in 1935-36)

The poem will be studied as a whole, with consideration of its language, its structure and its place in the history of the epic.

Mathematics

PROFESSOR: ANNA PELL-WHEELER, Ph.D.
 VISITING PROFESSOR: EMMY NOETHER, Ph.D.
 ASSOCIATE PROFESSOR: GUSTAV A. HEDLUND, Ph.D.
 ASSOCIATE: MARGUERITE LEHR, Ph.D.

GRADUATE COURSES

Six and a half hours a week of seminary work and graduate lectures are offered each year to graduate students of mathematics accompanied by the direction of private reading and original research. The subjects vary from year to year so that the seminaries may be pursued by candidates for the degree of Doctor of Philosophy for three or more successive years. The advanced undergraduate courses of the department amounting to eight hours a week may be elected by graduate students.

Graduate Courses

Each year the department offers at least three of the following seminaries:

Theory of Fourier Series. Linear Functional Transformations: Dr. Pell-Wheeler.
(Given in 1934-35)

Algebra: Dr. Noether.
(Given in 1934-35)

Differential Geometry: Dr. Hedlund.
(Given in 1934-35)

Linear Functional Transformations
 Algebraic Geometry
 Calculus of Variations
 Projective Geometry
 Theory of Functions of a Real Variable
 Theory of Functions of a Complex Variable
 Differential Equations of Mathematical Physics
 Analysis Situs

**Journal
Club**

Mathematical Journal Club: Dr. Pell-Wheeler, Dr. Lehr and Dr. Hedlund.

One hour a fortnight throughout the year.

ADVANCED UNDERGRADUATE COURSES

**Advanced
Courses**

The advanced courses in Mathematics are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. As the amount of time given to mathematical studies differs in different colleges, graduate students frequently find it advisable to elect some of these courses. Regular written work is expected from all mathematical students and a reading knowledge of French and German is presupposed.

The advanced courses given are selected from the following, with occasional modifications:

Full Year Courses.

Advanced Calculus: Dr. Pell-Wheeler. *Credit: One unit.*

Advanced Geometry: Dr. Lehr. *Credit: One unit.*

Theory of Functions of a Complex Variable: Dr. Hedlund. *Credit: One unit.*

Music

PROFESSOR: HORACE ALWYNE, F.R.M.C.M.

ASSOCIATE: ERNEST WILLOUGHBY, A.R.C.M.

GRADUATE COURSES

**Graduate
Courses**

The graduate courses and seminary may lead under certain fixed conditions to the degree of Master of Arts, but are not permitted to count as any part of the requirements for the degree of Doctor of Philosophy.

Students wishing to specialize in music who meet the preliminary requirements of the Academic Council for the degree of Master of Arts will be allowed to become candidates for the degree of Master of Arts of Bryn Mawr College in Music only if they have offered the equivalent of two seminaries in Music together with a seminary in Education or some other seminary, subject in each case to the approval of the Committee on Graduate Courses and of the Director of the Department of Music.

Preliminary requirements for admission to graduate courses in music:

1. A.B. degree from a college of recognized standing.
2. Certain standards of knowledge or facility in instrumental or vocal music will be required of all students. Students offering vocal music to answer the above requirements will be expected to have some facility in piano playing. Students who are deficient in the above requirements will be recommended by the Department of Music to certain qualified teachers outside the college.
3. Courses in the History of Music, Harmony and Counterpoint, in general equivalent to the undergraduate courses given in Bryn Mawr College, must have been taken, or must be taken without credit, as preliminary to graduate work.

Canon and Fugue: Mr. Alwyne. *Two hours a week throughout the year.*
(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the application of counterpoint to composition in these established forms: it requires some originality on the part of the student and some facility in piano-forte playing.

Orchestration: Mr. Alwyne. *Two hours a week throughout the year*
(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter.

This course deals with the characteristics of each instrument in the orchestra—its tonality, range, technique, etc.—with the grouping of the instruments—strings, woodwind, brass, percussion, etc.—and with the orchestra as a whole. Orchestral scores will be studied. Students will be required to apply the foregoing in scoring for orchestra and in original work.

Seminary in Music, Free Composition: Mr. Alwyne.
Two hours a week throughout the year.
(Given in each year)

Requirements for admission: the four undergraduate courses in Harmony and Counterpoint; or the student must satisfy the Instructor that she is qualified to enter. This seminary deals with the application to Free Composition of the preceding courses in Harmony and Counterpoint.

FREE ELECTIVE COURSES

History and Appreciation of Music: Mr. Alwyne. *Credit: One unit.*
(Given in each year)

This course consists of the study of the History of Music up to and including Beethoven, and of the masterpieces of music produced during that period. Characteristic examples of Early Church Music, in the form of Plain Chant, Organum, Discant, etc., and of Sixteenth Century vocal polyphony, Reformation Chorales and Bach choral works, are illustrated by the College Choir in class. Compositions of the following composers are performed in class: Monteverdi, Corelli, Scarlatti, Rameau, Couperin, Bach, Handel, Haydn, Mozart and Beethoven. The forms included are folk-song, motet, madrigal, fantasia, toccata, early dance-forms, fugue, suite, rondo, variations, sonata and symphony. All study and analysis is based on the actual hearing of the music itself. The instruction is given by means of lectures, required reading, discussion, and by analysis by the students in class. At occasional meetings of the class, members of the Faculty of the Departments of History, Classical Archaeology, History of Art, and English discuss social, artistic and literary movements which were of special importance in the history of the evolution of music.

Advanced History and Appreciation of Music: Mr. Alwyne.
Credit: One unit.
(Given in each year)

The course in History and Appreciation of Music is required for admission.

The course consists of the study of the history of music from Schubert to the present day and of the musical masterpieces produced during that period. The instruction follows the same plan as in the preceding course.

Third Year History and Appreciation of Music: Mr. Alwyne.
Credit: One-half unit.
(Given in each year)

Requirements for admission: the two courses in History and Appreciation of Music.

This course consists of two special courses of one semester each in some particular period or aspect of Music. The subjects are Bach and Wagner, or Symphonic Music and Modern Music. These subjects are dealt with in a more detailed and amplified way than is possible in the two foregoing courses in History and Appreciation of Music. The instruction follows the same plan as in the preceding courses.

*Free
Elective
Courses*

Elementary Harmony: Mr. Willoughby.

*Credit: One-half unit.**(Given in each year)*

Requirements for admission: knowledge of intervals, scales and keys, ability to sing simple melodies at sight.

This course is the beginning of composition. It does not impose upon the student the mere copying of a model but gives her some intellectual and æsthetic liberty.

Melodic movement and harmonic progression are studied concurrently. The student learns to write simple melodies based on poetic meters and the addition of a second melody to one already given, with ornamentation by means of passing notes, neighbouring notes, etc. When some facility in horizontal writing has been obtained melodies are harmonized in four parts using major and minor triads in root positions and their inversions.

The importance of the student being able to hear what she writes is stressed by means of progressive ear training and musical dictation.

Advanced Harmony: Mr. Willoughby.

*Credit: One-half unit.**(Given in each year)*

Requirements for admission: the course in Elementary Harmony; or the student must satisfy the instructor that she is qualified to enter.

This course is the continuation of the course in Elementary Harmony, starting with the Chord of the Dominant Seventh, and carries the student through modern harmonic relations. Original melodies are written and harmonized in both close and open score and the use of C clefs is studied when writing for strings. Modern compositions are analyzed. This course gives an opportunity for freedom of expression and calls for more original work on the part of the student.

Elementary Counterpoint: Mr. Willoughby.

*Credit: One-half unit.**(Given in each year)*

Requirements for admission: the two courses in Harmony; or the student must satisfy the examiner that she is qualified to enter.

This course deals with the various modes of counterpoint to which the courses in Harmony have led in so far as it has been possible to bring about "horizontal" writing in those courses. This course consists of Strict Counterpoint in two parts up to and including Fifth Species and three-part Strict Counterpoint up to and including Third Species.

Advanced Counterpoint: Mr. Willoughby.

*Credit: One-half unit.**(Given in each year)*

Requirements for admission: the three preceding courses in Harmony and Counterpoint; or the student must satisfy the instructor that she is qualified to enter.

This course is a continuation of Elementary Counterpoint and carries the student through to Strict and Combined Counterpoint in three and four parts, later dealing with the stated contrapuntal forms. The course requires some originality on the part of the student and some facility in pianoforte playing.

Philosophy

PROFESSOR:

GRACE ANDRUS DE LAGUNA, Ph.D.

ASSOCIATE PROFESSORS:

PAUL WEISS, Ph.D.

MILTON CHARLES NAHM, B.Litt., Ph.D.

GRADUATE COURSES

Graduate Courses

Two seminars and a Journal Club are offered each year to graduate students of Philosophy, accompanied by the direction of private reading and original research.

In general, one historical seminary and one of a systematic character will be offered each year. The latter will be either in the field of logic and epistemology, or in ethics or aesthetics, depending on the interests of the students electing it. The subjects of study are changed from year to year through a cycle of three years.

Seminary in Logic and Epistemology: Dr. de Laguna and Dr. Weiss.

Two hours a week throughout the year.

(Given in 1934-35 and again in 1935-36)

1934-35: Logic: Dr. Weiss.

A preliminary survey will first be made of such typical approaches to logic as the Aristotelian, that of Boole-Schröder, *Principia Mathematica*, etc. Certain special topics will then be studied: the nature of concepts, propositions, judgment, implication, entailment, inference and paradoxes. Finally, more general topics will be discussed: the foundations of mathematics, alternative mathematics and logics, and the relation of logic to other sciences.

1935-36: Recent Epistemological Theory: Dr. de Laguna.

Works of recent writers on epistemology are discussed. These will include recent works of Lovejoy, Santayana, Meyerson and Cassirer.

Seminary in the History of Philosophy: Dr. de Laguna, or Dr. Weiss, or Dr. Nahm.

Two hours a week throughout the year.

1935-36: Pre-Kantian Rationalism.

In the first semester the work is principally based upon Descartes and in the second semester on Spinoza and Leibniz. This seminary is conducted by Dr. de Laguna.

1936-37: English Empiricism.

The principal works of Locke, Berkeley and Hume form the basis of study. This seminary is conducted by Dr. Weiss.

Seminary in Metaphysics: Dr. Weiss.

Two hours a week throughout the year.

(Given in 1935-36)

The nature of time, space, reality, mind, etc., will be discussed in detail.

Seminary in Aesthetics: Dr. Nahm.

Two hours a week throughout the year.

(Given in 1934-35)

History and Problems of Aesthetics.

The development of aesthetic theory among the Greeks and mediæval philosophers is examined during the first semester. The history and problems of modern aesthetics will constitute the work of the second semester.

Seminary in Ethics: Dr. Nahm.

Two hours a week throughout the year.

(Given in 1935-36)

History of English Ethics:

A general examination of Greek ethics will be made as an introduction to the development of English ethical theory from Hobbes to Sidgwick.

ADVANCED UNDERGRADUATE COURSES

The advanced courses in Philosophy are open only to students who have taken the second year courses in Elementary Ethics and Philosophical Problems. They may be taken as free electives.

*Advanced
Courses*

Full Year Course.

Elementary Aesthetics: Dr. Nahm.

Credit: One-half unit.

The problem of the æsthetic response is examined historically and systematically. After this introduction to æsthetics, a study is made of the æsthetic types, such as the comic, the tragic, the sublime and the characteristic. The problems of the origins and classification of art will be approached by use of museum material and anthropological data. The conclusion of the course will involve a close study of the æsthetics of one or two of the arts.

1st Semester Course.

German Idealism: Dr. de Laguna.

Credit: One-half unit.

For the year 1934-35 this course will be consolidated with the second year course.

2nd Semester Course.

An Introduction to Metaphysics: Dr. Weiss.

Credit: One-half unit.

This course deals in detail with some of the fundamental problems of metaphysics—individuation, space, time, one and many, internal and external relations, etc.

Physics

ASSOCIATE PROFESSORS:

JANE MARY DEWEY, Ph.D.

WALTER C. MICHELS, Ph.D.

GRADUATE COURSES

Graduate Courses

One graduate seminary or lecture course in theoretical physics is offered each year, the subject being selected to meet the needs of the students. A seminary in experimental physics will be arranged individually for students desiring it. Students electing physics as their major subject for the degree of Doctor of Philosophy are, in general, expected to offer mathematics as an allied subject. They may substitute chemistry, biology or geology if their mathematical training is accepted as adequate for their work in physics.

Seminary in Theoretical Physics: Dr. Dewey or Dr. Michels.

*Three to five hours a week throughout the year.**(Given by Dr. Michels in 1934-35)*

The subjects will, in general, be selected from the following:

- Theory of electricity
- Radiation theory
- Thermodynamics and statistical mechanics
- Kinetic theory
- Quantum mechanics
- Conduction of electricity through gases

Seminary in Experimental Physics: Dr. Dewey and Dr. Michels.

*Hours to be arranged.**(Given in 1934-35)*

Introduction to Theoretical Physics: Dr. Dewey.

*Five hours a week throughout the year.**(Given in 1935-36)*

This course is required of all graduate students majoring in physics.

Physics Journal Club: Dr. Dewey and Dr. Michels.

One hour a fortnight throughout the year.

The advanced students and instructors meet to discuss recent work in physics.

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

An advanced undergraduate course may be accepted as a seminary if supplemented by assigned reading or laboratory work. Students in their first year of graduate work will, in general, elect an advanced undergraduate course. One of the following courses is offered in each year.

Full Year Courses.

Geometrical and Physical Optics: Dr. Dewey.

*Credit: One or one and one-half units**(Given in 1934-35)*

Electricity and Magnetism: Dr. Michels.

*Credit: One or one and one-half units.
(Given in 1935-36)*

This course treats the problems of the electrostatic and magnetic fields, electrodynamics and electromagnetic waves. The laboratory work deals with fundamental electrical measurements and their application to physical experimentation.

Mechanics: Dr. Michels.

*Credit: One or one and one-half units.
(Given when requested)*

The lectures of this course develop the fundamental principles of theoretical mechanics, including the statics and dynamics of systems of particles and rigid bodies and include an introduction to generalized coördinates and Hamilton's principle.

FREE ELECTIVE COURSES

Full Year Courses.

Astronomy: Dr. Michels.

*Credit: One-half unit.
(Given when requested)*

*Free
Elective
Courses*

This course is elementary and mainly descriptive in nature. Part of the lectures, however, will be devoted to astrophysics. The course is open to juniors and seniors only, not to auditors or hearers. First year physics is prerequisite.

Physical Basis of Music: Dr. Michels.

*Credit: One-half unit.
(Given when requested)*

This course presents some of the physical principles utilized in the construction of musical instruments and underlying the general theory of musical scales, harmony, etc.

Psychology

PROFESSORS:

*HARRY HELSON, Ph.D.

AGNES LOW ROGERS, Ph.D.

ASSOCIATE:

DONALD WALLACE MACKINNON, Ph.D.

LECTURER:

MILTON FRANKLIN METFESSEL, Ph.D.

INSTRUCTOR:

WILLIAM DONALD TURNER, Ph.D.

GRADUATE COURSES

At least seven hours a week seminary work and graduate lectures are offered each year to graduate students of psychology, accompanied by the direction of private reading and original research and the courses are varied from year to year so that they may be pursued by students through three or more successive years. The books needed by the graduate students are collected in the seminary library of the department. No undergraduates are admitted to graduate courses or to the seminary library, but the second and third year courses of the undergraduate department may be elected by graduate students. The laboratory of experimental psychology is open to graduate students for research work.

Seminary in Research Problems: Dr. Helson.*

*Two or more hours a week throughout the year.
(Given in each year)*

This course is intended for students who wish to be trained in research work. Methods of measurement, particularly modern psychophysics, practise in observation and acquaintance with standard types of apparatus are stressed. The instructor coöperates with the students in the solution of some original problem.

* Granted leave of absence for the year 1934-35. The seminars and courses announced by Dr. Helson will be given by Dr. Metfessel.

Seminary in Physiological Psychology: Dr. Helson.

*Two or more hours a week throughout the year.
(Given in 1935-36)*

The physiological foundations of behavior will be investigated through a consideration of selected topics from the fields common to physiology and psychology. Among the subjects discussed are: chronaxie, the conditioned reflex experimentation, membrane theory of nerve conduction, theories of central neural mechanisms, gradients and special states having a bearing upon a theory of behavior. Some laboratory work will be done although the course is not primarily an experimental one.

Seminary in the History of Psychology: Dr. Helson.*

*Two or more hours a week throughout the year.
(Given in 1934-35)*

The work of this seminary consists of three parts: (1) lectures by the instructor in which the history of psychology is treated through the consideration of fundamental problems; (2) readings and reports by students involving the use of sources; (3) a semester paper upon some selected topic in which the student's ability to organize and criticize material is tested.

Seminary in Social Psychology: Dr. MacKinnon.

*Two or more hours a week throughout the year.
(Given in 1934-35)*

In this seminary a study will be made of the theories and methods of investigation of the various schools of social psychology, with special attention to the contributions of German cultural psychology and American experimental psychology. The subject matter of the seminary may be adapted to meet special needs of the members.

Seminary in Abnormal Psychology: Dr. MacKinnon.

*Two or more hours a week throughout the year.
(Given in 1935-36)*

The seminary will undertake a critical review of the various methods of investigation and their results in studying the problems of abnormal and dynamic psychology. Particular attention will be given throughout to the development of new techniques in this field. Special topics or problems may be made the object of study in any particular year after the interests of the members of the seminary have been ascertained.

For graduate work in Educational Psychology see the Department of Education (pages 53-55).

**Journal
Club**

Psychological Journal Club: Dr. Helson,* Dr. MacKinnon, Dr. Metfessel and Dr. Turner.

Two hours in alternate weeks throughout the year.

The students meet with the instructors to hear reports on recent psychological literature and on the work done in the laboratory.

ADVANCED UNDERGRADUATE COURSES*Full Year Course.***Advanced
Courses**

Advanced Experimental Psychology: Dr. Helson* and Dr. Turner.

Credit: One unit.

This course is intended for students who wish to be trained for research work, particularly for those planning to do graduate work. Opportunity is provided for working on some special problem agreed upon by student and instructor. About six weeks are devoted to a consideration of psychophysical and statistical methods, after which the student's time is given to experimental work as experimenter and observer. Problems in animal psychology may be engaged in under the direction of one of the instructors. Students must obtain the consent of the instructors before registering for this course.

* Granted leave of absence for the year 1934-35. The seminars and courses announced by Dr. Helson will be given by Dr. Metfessel.

1st Semester Course.

Abnormal Psychology: Dr. MacKinnon.

Credit: One-half unit.

This course will consist of a study of the main forms of mental disorder. Attention will also be given to the problems of individual differences, types of personality, methods of investigation, borderline types of disturbances and the principles of psychotherapy. This course may be taken by those who have completed the first year work.

2nd Semester Course.

Psychological Theory: A systematic survey of the main types of psychological theory: Dr. Turner.

Credit: One-half unit.

The concepts underlying the various approaches to the problems of psychology will be examined with special reference to the history of psychology. This course gives a survey of the various fields of psychology in the light of recent developments viewed in their historical setting. Two units of psychology are prerequisites.

Social Economy and Social Research

The Carola Woerishoffer Graduate Department of Social Economy and Social Research

PROFESSOR:	SUSAN MYRA KINGSBURY, Ph.D.
ASSOCIATE PROFESSOR:	MILDRED FAIRCHILD, Ph.D.
LECTURERS:	ALMENA DAWLEY, M.A. HERBERT ADOLPHUS MILLER, Ph.D.
SPECIAL NON-RESIDENT LECTURERS:	EVA WHITING WHITE, A.B. ALICE HAMILTON, M.D.

The Carola Woerishoffer Graduate Department of Social Economy and Social Research was opened in the autumn of 1915 in order to afford women an opportunity to obtain an advanced scientific education in Social Economy which, it is hoped, will compare favorably with the best preparation in any profession. It is known as the Carola Woerishoffer Graduate Department in order that the name of Carola Woerishoffer, who devoted her life to social service and industrial relations, may be associated in a fitting and lasting way with Bryn Mawr College which she so generously endowed.

The departments of Economics and Politics, Psychology and Education offer seminars strongly recommended to students of Social Economy. These seminars are given by Dr. Marion Parris Smith, Professor of Economics; Dr. Charles Ghequiere Fenwick, Professor of Political Science; Dr. Roger Hewes Wells, Professor of Economics and Politics; Dr. Harry Helson,* Professor of Psychology; Dr. Agnes Low Rogers, Professor of Education and Psychology; Dr. Donald Wallace MacKinnon, Associate in Psychology; Dr. Ilse Forest,† Associate Professor of Education and Mr. Samuel Arthur King, Non-resident Lecturer in English Diction.

* Granted leave of absence for the year 1934-35. The courses offered by Dr. Helson will be given by Dr. Metfessel.

† Granted leave of absence for the year 1934-35. The courses announced by Dr. Forest will be given by Dr. Clarke.

The graduate courses in Social Economy and Social Research are intended for graduate students who present a diploma from some college of acknowledged standing and no undergraduate students are admitted.

Students of this department must offer for admission to their graduate work a preliminary course in economics, in psychology and in sociology* and in addition more advanced courses equivalent to the Bryn Mawr College second year course in one of the following subjects: economics and politics, sociology, history, psychology or philosophy (that is altogether two units in one of these subjects).†

The courses are planned on the principle that about two-thirds of the student's time shall be given to the study of theory and the remaining one-third to a seminary including field and laboratory work.

In the first year the student will probably pursue a seminary in the theory and technique applied to her chosen field, as for example: Social Case Work or Community Life or Industrial Relations in which she will give seven to ten hours a week during the term time and full time in vacation practica to practice or field work in an organization for social work or for industrial or labor relations or with a social agency or in a business firm chosen in relation to her selected field; she will take the seminary in theory most closely related to her special interests. She will elect a third seminary and unless already qualified she will take the course in statistics. In addition, all students attend the Journal Club. Each seminary requires about 14 hours of work each week, including hours of discussion, preparation and conference. Full graduate work involves about 43 hours of work per week.

Practice work in each field is of two types: (1) field work consisting of seven to ten hours each week and two hours of seminary discussion each week; (2) non-resident experience with social institutions, agencies or business firms obtained during one month in December and January and during two months in the summer following the eight months of work in Bryn Mawr College.

The department will endeavor to arrange that the students shall be at a minimum expense for room and board during the midwinter practicum, other than that paid to the college from December 8th to 18th and during the two months of the summer practicum.

The year's programme of the students will therefore run as follows: (1) Work at Bryn Mawr College, October 1st to December 11th, during which period at least one day a week is given to field work. (2) A mid-winter practicum in which the student gives full service to a social organization or a business establishment or to research, from December 11th to January 4th in New York, Boston, Philadelphia or elsewhere. (3) January 8th to January 19th, during which period the student will give her entire time to classes and study at Bryn Mawr College. (4) February 6th to June 6th, during which time the student will give one day a week to

* Students not having had courses in psychology and sociology may be expected to supplement their preparation by taking work at a university summer school of recognized standing.

† The "unit" represents one-quarter of the student's time for one year or approximately ten hours of work a week, including class meetings.

field practice work, with the exception of the spring vacation. (5) The summer practicum from June 11th to August 28th, during which time the student will give all of her time to practical work with a social, industrial or labour organization or a mercantile or manufacturing establishment. The field work during the time of residence at the college and during the mid-winter and summer practica is under the careful supervision of an instructor of the department. After one year of work in this department, one-half year may be given to a practicum in residence in a social service institution, in connection with a social welfare or community organization, in a federal or state department of labour and industry, in a federal or state employment office or in a manufacturing or mechanical establishment in Philadelphia, New York, New England or elsewhere, during which time the practical work and special reading and research will be supervised by the instructor in charge of the practicum and by the head of the institution, department or business firm.

Students entering the department are expected to pursue the work throughout one year. Unless the student has had graduate courses providing a foundation for professional social work or acceptable experience in social work, at least two years are necessary for satisfactory preparation. A certificate will be given upon the completion of one or two years' study. The candidate for a certificate must offer a seminary which includes practice or laboratory work or a seminary in social and industrial research.

Graduates of Bryn Mawr College and graduates of other colleges who shall have satisfied the Academic Council that the course of study for which they have received a degree is equivalent to that for which the degree of Bachelor of Arts is given by Bryn Mawr College or who shall have attended such additional courses of lectures as may be prescribed, may apply to the Academic Council to be enrolled as candidates for the degree of Master of Arts or of Doctor of Philosophy;* admission to the graduate school does not in itself qualify a student to become a candidate for these degrees.

GRADUATE COURSES

The seminaries and courses described below may be elected subject to the approval of the Director of the Department by students working for the first and second year certificates as well as by candidates for the degree of Master of Arts or of Doctor of Philosophy in Social Economy and Social Research or may be offered as an allied subject with the approval of the Director of the Department when the major is taken in certain other departments according to the regulations of the Academic Council.

Seminary in Social and Industrial Research: Dr. Kingsbury.

Three hours a week throughout the year.

(Given in each year)

Research in Social Economy involves two distinct types of studies. First, that which uses manuscripts or printed documents as sources of information and second, that which secures data concerning human relations and social and industrial conditions from indi-

* For requirements for the Master's degree and the degree of Doctor of Philosophy, see pages 34 to 39.

*Certificates
and Degrees*

*Graduate
Courses*

viduals, groups, organizations or institutions. Both phases of research necessitate an ability to discover cause and effect, to see the relations and interpret the interaction of social forces, to recognize and evaluate the factors conditioning or controlling social situations and to establish facts concerning social phenomena.

Consequently, training in the acquisition, arrangement, analysis and interpretation of data is essential for students undertaking either phase of social research. As other seminars in the Department and allied departments deal primarily with the first type of studies, this seminary is devoted exclusively to the second type. A subject is selected and arrangements made which will require students to secure social data by work in the field. The material is then organized, analyzed and interpreted by the members of the seminary. In this way, training is given in filling out schedules, classifying data, drawing up tables, analyzing results and interpreting material as a whole. The group of students may cooperate to produce a study which it is hoped will prove a contribution to our knowledge of social or industrial conditions. Students not taking a seminary in which field practice is required will be expected to carry on a mid-winter practicum in this seminary (see page 82). Previous graduate study or acceptable experience in social or in industrial work is required for admission to this seminary.

Seminary in Administration of Social Agencies: Dr. Kingsbury.

Two hours a week throughout the year.

(Given when requested)

This course studies the sources of financial support of social agencies, the education of the community, cooperation in larger social programmes, the relationships between public and private agencies, the organization and supervision of a staff and the development and installation of methods to secure high standards of work. Special attention is given to the administration of city, state, and federal bureaus and departments of social welfare and labour. Opportunities for field work and research are arranged according to the needs of the student. This seminary is open to advanced students with the approval of the instructor.

Seminary in Statistics: Dr. Kingsbury. *Two hours a week throughout the year.*

(Given in 1934-35)

The work of the seminary is divided into three sections and considers: *first*, the principles of statistical measurement—frequency distributions, averages, index numbers, seasonal and cyclical fluctuations, measures of association, correlation and partial correlation, theories of probability and probable error; *second*, standard and model forms of schedules and the methods of tabulation and analysis of data, together with criticisms of the methods employed in some of the best social investigations which have been carried on; *third*, a study of the application of statistics to the analysis of social problems including a review of the outstanding contributions in the subject and a criticism of selected statistical reports. Important correlations already established between socially significant variables will be reviewed and their application in connection with further research indicated.

Seminary in the Community: Dr. Kingbury.

Two hours a week throughout the year.

Laboratory and Field Work.

Seven hours a week throughout the year.

(Given in each year)

The technique of social work with leisure time groups, through such agencies as school clubs, adult workers' clubs, settlements, playgrounds, social centers and the Y.W.C.A. forms the subject matter of the course. In connection with the discussion of these topics by the instructor, a series of representative specialists in outdoor and indoor play, in community music and dramatics and in adult and workers' education are invited to meet with the class to answer questions from their experience in the problems which have arisen in the course of the students' work. Special attention is given to the problems involved in conducting education of the public through trade unions, forums, institutes, civic organizations, in work with committees and boards and in management of publicity.

The practicum combines work in social and community education with reports and discussions. In addition to reports and conferences, seven hours a week are devoted to

practice in a social center or settlement by which the student gains vital illustration of the principles and organization of leisure time leadership. (See page 82.)

The practicum is under the direction of the instructor and the director of the particular agency or department.

Seminary in Sociological Theories: Dr. Miller.

Two hours a week throughout the year.

(Given in each year)

This course will study the historical development of sociology, the contributions of leading sociologists in Europe and America, the emphases of different schools, and the more generally accepted principles and concepts that fall within the present scope of sociology.

Seminary in Culture Types and Intercultural Processes: Dr. Miller.

Two hours a week throughout the year.

(Given in alternate years as elected)

The cultures of Western Civilization, including selected types from Europe and America, will be contrasted with certain of those from the East, of which Russia, China, Japan, India and others are types. The traditions, religions, philosophies and social codes will be studied in order to explain the characteristic social institutions and habits. The interaction of certain contemporary economic, intellectual and political forces upon these institutions will be analyzed to show the persistence and breakdown of culture types. The course also includes a review of prehistoric cultural evolution. Personal contact will be made with representatives of many of the cultures.

Seminary in Modern Racial and Nationality Problems: Dr. Miller.

Two hours a week throughout the year.

(Given in alternate years as elected)

This course will study the development of race consciousness and nationalism both descriptively and theoretically in the search for solutions of the conflicts which they create. Biological, historical and political rationalizations will be analysed. The first part of the course will deal with wider developments in both fields; the second part will deal with the race problems in America and the various types of nationalism as illustrated by immigrants and certain movements and groups of America. First hand intensive study of several examples of both race and nationalistic situations will be expected.

Seminary in Research in Sociology: Dr. Miller.

Two hours a week throughout the year.

(Given in each year)

Seminary in Labour Organization: Dr. Fairchild.

Two hours a week throughout the year.

(Given in each year)

Some of the forces found in modern industry, the inequality of distribution and the gradual development of democratic ideas that lead to labour organization are reviewed as an introduction to trade union history and the development of labour organization in America is compared with that in Europe and especially in England. The methods used by labour are studied in detail—the strike, boycott, sabotage, picketing and various aspects of labour warfare—as well as the attempts of the employer to suppress unionism. The bearing of the law and the courts on the labour struggle and the use of the injunction are considered critically. The significance of social legislation, welfare work and the intervention of the state are discussed with a view to understanding the probable future of labour organization. The changing philosophy of labour as it is embodied in experiments in various countries, England, France, Germany and Russia, is given particular attention. As a part of the seminary, students attend trade union meetings and conferences, visit factories and various state and private organizations which are concerned with employment, vocational guidance and legislative reform.

Seminary in Industrial Relations: Dr. Fairchild.*Two hours a week throughout the year.***Laboratory and Field Work.***Seven hours a week throughout the year.**(Given in each year)*

The aim of this seminary is to secure an understanding of actual conditions, methods and relations in industry in the United States. A brief introduction to the evolution of the modern industrial system is followed by an analysis of large scale productive units and monopolistic control of industry. A study is then made of production problems in certain basic industries with particular stress on planning systems and process analysis. The procedure of the personnel office, hiring of labour, rating, training, promotion, discharge and methods of wage payments are considered in detail. On the basis of critical comparisons of methods, fundamental principles are brought to light. A comparison of retail trade with factory production brings out significant phases of industrial relations. Special lectures on psychology in industry, labour exchanges, government agencies, scientific management, industrial poisons and other topics are included in the course. Actual cases are studied and observation trips give the student first hand information regarding present day conditions and methods.

The field work in the factories, stores and public employment offices, which is a part of the work of this seminary, is accompanied by a two-hour discussion period on the practical problems which the student must meet. Midwinter and summer practica are required. See page 82.

This seminary must be accompanied by the Seminary in Labour Organization.

Seminary in Social Legislation: Dr. Fairchild.*Two hours a week throughout the first semester.**(Given in each year)*

The purpose of this course is to give the student a working knowledge of social legislation in the United States today and of probable tendencies in the near future. Selected laws regulating public relief, old age and mother's pensions, child labour, factory inspection, hours of work, a minimum wage and social insurance are examined as they have developed; emphasis is placed upon the relation between legislation and changing conditions of life and labour as these have been brought to public attention. Certain of the most important social legislation in selected European countries is studied as indicating the changes in social control and individual rights under governmental agencies in these countries, paralleling economic and industrial organization.

This course will supplement the work in social case work as related to other fields recommended for students of industrial relations, community organization and social investigation.

Field units may accompany this course, the time to be arranged individually with students in accordance with their previous experience and particular interests.

Seminary in Research in Labour Organization or Industrial Relations: Dr. Fairchild.*Two hours a week throughout the year.**(Given in each year)*

Each student pursues a separate research problem of her own choice, conferring with the instructor individually as her work progresses, and reporting periodically to joint meetings of the students in the seminary. The course is open to advanced students with the consent of the instructor.

Seminary in Social Case Work: Miss Dawley.*Two hours a week throughout the year.***Laboratory and Field Work.***Ten hours a week throughout the year.**(Given in each year)*

This course considers the problems of the individual who has expressed a need for help in any of a variety of ways, through approach to a case-working agency. In attempting to understand these difficulties, emphasis is placed upon certain aspects of human growth and experience, including particularly early life experiences and problems of relationship.

Various phases of any continuing case work relationship are studied, especially the part of the case worker in dealing with another human being. Knowledge of community resources and the activities of various case working agencies is included as a necessary part of case work treatment.

The practicum in this course consists of ten hours each week during the academic year and two weeks midwinter vacation and of eight weeks midsummer work in a case-working agency. The field work with these agencies is under the supervision of Miss Dawley and the supervisor of the agency.

Advanced Social Case Work: Miss Dawley.

Two hours a week throughout the year.

(Given by special arrangement)

A course in advanced social case work will be arranged individually for students who have completed the seminary in Social Case Work with its required period of field work. By special arrangement with the Pennsylvania School of Social and Health Work, qualified students may take advanced work in Social Case Work or Development of Personality.

Field work throughout the year will accompany this course, the amount dependent upon the student's previous training and experience.

Social Case Work in Relation to Other Fields: Miss Dawley.

Two hours a week throughout the second semester.

(Given in each year)

This course is planned to meet the needs of students who are training for work in industrial relations, community or group work or social investigation. No attempt is made to provide training for professional social case work. Certain aspects of the case work field are emphasized, particularly study of the variety of individual problems presented by the persons who seek help from a social agency. Ways in which the case worker relates herself to these individuals in the interview are discussed, with special attention to the initial interviews of application or inquiry. The functions of outstanding community resources in case work are considered with differentiation between the changing boundaries of the various forms of public and private agencies. Field work with a case working agency accompanies this course, the amount of time to be arranged individually with students in terms of their previous experience.

Social Statistics: Dr. Kingsbury.

Two hours a week throughout the year.

(Given in each year)

The subjects considered are those required for an understanding of statistical studies in social economy, for use in conducting inquiries into social and economic conditions and for analysis of data secured from Federal or State reports and from records of social and industrial organizations and institutions. Included in the course are the following topics: schedule making, accumulation of data, making of tables, the use of computing and filing devices, the array, frequency distributions, averages, index numbers, measures of association and variation, the theory of probability and of error and linear correlation.

No knowledge of mathematics beyond the usual college entrance requirements is supposed. This course is required of all graduate students in the department who have not had a satisfactory introductory course.

General Course in Articulation and Voice Production: Mr. King.

One-half hour a week throughout the year.

(Given in each year)

The object of this course is to train speakers in accurate and distinct articulation and to eliminate the faults of bad production. Speech is resolved into its phonetic elements which are made the basis of practical exercises so arranged as to be progressive in their difficulties.

The following courses in the University of Pennsylvania are open to graduate students by special arrangement:

Criminal Law.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Law offered by Dean Mikell at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course may accompany the seminary in Social Case Work.

Criminal Procedure.

Two hours a week throughout the year.

By special arrangement with the Law School of the University of Pennsylvania students in this department may pursue the course in Criminal Procedure offered by Dean Mikell, at the Law School, Thirty-fourth and Chestnut Streets, Philadelphia.

This course must be preceded by the course in Criminal Law.

*Journal
Club*

Social Economy Journal Club: Dr. Kingsbury, Dr. Fairchild and Dr. Miller.

Two hours once a fortnight throughout the year.

Current articles are reviewed, recent reports, surveys and investigations are criticized and the results of important research are presented for discussion.

FREE ELECTIVE COURSES

Full Year Courses.

Social Investigation: Dr. Kingsbury.

Credit: One-half unit.

(Given in each year)

The object of the course is to give the students a knowledge of the principles of social investigation and of the steps that must be taken in conducting an investigation. The course also deals with the elements of statistics. It acquaints the student with the principles and methods of record keeping and filing which are applicable to municipal, state and federal offices, to business organizations and to social organizations.

The course is recommended to students of social economy, of economics, of psychology, and of education. No knowledge of mathematics beyond the requirements for matriculation is presupposed.

Introduction to Sociology and Social Problems: Dr. Miller.

Credit: One-half unit.

(Given in each year)

To attain a scientific approach to both the normal and abnormal processes in human society will be the object of this course. Human nature as a product of biological and social forces; social organization with its groups in conflict and in integration; attitudes, social control, progress and study of the derivation of sociological laws will be considered as underlying normal society. In contrast, the maladjustment of the individual to his environment, social disorganization, poverty, crime and the failure of society in its responsibility resulting in non-social and anti-social practices will be considered as problems in social pathology. A course in some social science is a prerequisite for this course.

Social Anthropology: Dr. Miller.

Credit: One unit.

(Given in each year)

An anthropological approach to the study of the social process. The development of universal culture patterns will be traced from primitive man to modern society. The contemporary problems of race and nationality with the complexes of culture and the conflicts they offer throughout the world will be analysed both from the point of view of larger political relations and local American situations.

Labour Movements: Dr. Fairchild.

Credit: One unit.

(Given in each year)

The present-day problems of labour considered with special reference to the history and growth of the labour movement form the subject matter of this course. A study of the

*Free
Elective
Courses*

critical episodes in labour's struggle for organization and status, especially in England and the United States, is made in order to understand present tendencies in trade unionism. Some of the topics considered are wages, economic security, conditions of work, technological change and social legislation, the use of the strike and lockout, employee representation and coöperative management. An effort is made to analyze the function of trade unionism in the labour movement of this and other countries. The influence of Socialism upon working-class organization and the significance of the Soviet Union are considered. In the study of workers' education, special reference is made to the Bryn Mawr Summer School for Women Workers.

The following seminars offered in other departments are recommended to graduate students of Social Economy and Social Research:

Seminary in Economics: Dr. Anderson.

Two hours a week throughout the year.
(Given in 1934-35)

Seminary in Politics: Dr. Fenwick.

Two hours a week throughout the year
(Given in each year)

Seminary in Politics or Economics: Dr. Wells.

Two hours a week throughout the year.
(Given in each year)

Seminary in Physiological Psychology: Dr. Helson.

Two or more hours a week throughout the year.
(Given in 1935-36)

Seminary in Mental Measurement: Dr. Rogers.

Two hours a week throughout the year.

Either this seminary or one of the following seminars will be given in 1934-35.

Seminary in Psychology of Speech: Dr. Rogers.

Two hours a week throughout the year.

Seminary in Clinical Methods in Child Guidance: Dr. Rogers.

Three hours a week throughout the year.

Seminary in Principles of Education: Dr. Forest.*

Two hours a week throughout the year.

Spanish

PROFESSOR: JOSEPH E. GILLET, Ph.D.

GRADUATE COURSES

Two to four hours a week of seminary work or graduate courses are offered each year to graduate students of Spanish accompanied by the direction of private reading and original research.

*Graduate
Courses*

The graduate seminars in Spanish are varied from year to year in order that they may be pursued by a student for consecutive years. Only students having taken the prescribed tests in French and German will be accepted as candidates for the Ph.D. degree.

* Granted leave of absence for the year 1934-35. The seminars announced by Dr. Forest will be given by Dr. Clarke.

Seminary in Spanish: Dr. Gillet. *Two hours a week throughout the year.*
 1934-35: The Spanish drama of the Sixteenth Century.
 1935-36: Cervantes, the *Novelas ejemplares* and the *Entremeses*.
 1936-37: Literary criticism in Spain.

Dr. Gillet offers in each year, if his time permits, the following graduate courses:

Spanish Philology. *One hour a week throughout the year.*
 Old Spanish Readings. *One hour a week throughout the year*

ADVANCED UNDERGRADUATE COURSES

Advanced Courses

The advanced courses are designed to bridge over the interval between the ordinary undergraduate studies and graduate work. Graduate students will usually find it advisable to elect these courses.

Full Year Courses.

Lectures on Spanish Literature of the Sixteenth Century and the Golden Age: Dr. Gillet. *Credit: One unit.*

The course includes collateral reading and reports.

Advanced and Free-Spanish Composition: Dr. Gillet. *Credit: One-half unit.*

LIBRARY

The Bryn Mawr College Library is designed to be as far as possible a library for special study. There are at present on its shelves about 145,000 bound volumes and 10,000 dissertations and pamphlets. Of special interest is the classical library of the late Professor Sauppe of Göttingen, the Semitic library of the late Professor Amiaud of Paris, the mathematical library of the late Professor Charlotte Angas Scott, the Germanic library of the late Professor Karl Detlev Jessen and the geology library of former Professor Florence Bascom.

The library is open daily except Sundays from 8 A. M. to 10 P. M. and on Sunday from 9 A. M. to 10 P. M. Books may be taken out by the students unless specially reserved for library reference use.

The sum of over fifteen thousand dollars is expended yearly for books under the direction of the heads of the several collegiate departments and in addition to many gifts of single books, about thirty thousand dollars has been presented to the library during the past twenty years for expenditure in special departments.

Students may enjoy also the privileges of *Haverford College Library* and the following:

The *Library Company of Philadelphia*, which contains about 260,000 volumes, divided between the Locust Street Building and the Ridgway Branch. Its valuable collection of pamphlets is not included in the number of volumes as given above. The Library is open from 9 A. M. to 5.30 P. M. and is open to students for consultation freely during these hours. To take books from the building a deposit must be made or subscriptions will be received as follows: \$12.00 for one year, \$6.00 for six months, \$4.00 for three months.

The *Mercantile Library*, which contains about 215,000 volumes. Private subscription, \$6.00 a year for two separate works at a time.

The *Library of the Academy of Natural Sciences*, which contains about 90,000 volumes. The Council of the Academy has generously conceded the use of its library and of its museum to the students of Bryn Mawr College.

The *Library of the University of Pennsylvania*, which contains about 650,000 volumes and 50,000 pamphlets. The custodians of this library have always been liberal in extending to the College inter-library loan courtesies.

The *Free Library of Philadelphia*, which contains over 625,000 volumes and 415,000 pamphlets and unbound documents and is at all times open to the students for consultation.

The *American Philosophical Society Library*, which contains about 70,000 volumes, admission by card from a member.

The *Historical Society of Pennsylvania Library*, which contains over 150,000 bound volumes and 250,000 pamphlets is for reference only. The collection of manuscripts is one of the best in the country, comprising 7,000 volumes containing over 1,000,000 items. Every courtesy is extended to members of the college and students and members of the Faculty are specially invited to all lectures delivered at the Library.

Over six hundred publications and reviews in the English, Greek, French, Italian, Spanish, German and Swedish languages are received by the library, as follows:

General and Miscellaneous Periodicals

American Mercury.	Literary Digest.
American Review.	Living Age.
Asia.	London Mercury.
Atlantic Monthly.	Mercure de France.
Berlin. Preuss. Akademie der Wissen- schaften Sitzungsberichte.	Munich. Bayer. Akademie der Wissen- schaft. Abhandlungen und Sitzungs- berichte.
Bookman (English).	Musical Quarterly.
Book Review Digest.	Nation, N. Y.
Books Abroad.	Neue Rundschau.
Bookseller.	New Outlook.
*Bryn Mawr Alumnae Bulletin.	New Republic.
Bulletin of Bibliography.	New Statesman and Nation.
*Bulletin of the New York Public Library.	New York Times Index.
China Weekly Review.	Nineteenth Century.
Congressional Digest.	North American Review.
Contemporary Review.	Nouvelle Revue Française.
Cumulative Book Index.	Nuova Antologia.
Deutsche Rundschau.	Philadelphia Symphony Orchestra Pro- gram.
English Review.	Preussische Jahrbücher.
Foreign Affairs.	Public Affairs Information Service Bul- letin.
Foreign Policy Association Reports.	Publishers' Weekly.
Fortnightly Review.	Punch.
Forum and Century.	Quarterly Review.
Göttingen. Gesellschaft der Wissen- schaften. Abhandlungen und Nach- richten.	Reader's Guide to Periodical Literature.
Göttingische Gelehrte Anzeigen.	Review of Reviews.
Harper's Monthly Magazine.	Revista de Archivos.
Hound and Horn.	Revista de Occidente.
Illustrated London News.	Revista de la Biblioteca, Archiv y Museo.
L'Illustration.	Revue Belge de Philologie et d'Histoire.
International Index to Periodicals.	Revue Bleu.
Isis.	Revue Critique d'Histoire et de Littér- ature.
Jahresverzeichnis der an den deutschen Universitäten und Technischen Hoch- schulen erschienenen Schriften.	Revue de France.
Leipzig. Säch. Akademie der Wissen- schaften. Abhandlungen und Berichte.	Revue de Paris.
Library Journal.	Revue des Cours et Conférences.
Library Quarterly.	Revue des Deux Mondes.

* Presented by the Publishers.

Saturday Review, London.
 Saturday Review of Literature, N. Y.
 Scientia.
 Scribners Magazine.
 Sewanee Review.
 Spectator.

Theater Arts Monthly.
 *University of Missouri, Studies.
 *University of Nebraska, Studies.
 *University of Texas, Studies.
 *University of Washington, Studies
 Yale Review.
 Zeitschrift für Ästhetik

Newspapers

*College News, Bryn Mawr.
 El Sol.
 *Home News, Bryn Mawr
 London Times.

Le Temps.
 New York Times
 Philadelphia Ledger.
 United States News.

Art and Archaeology

Acropole.
 American Academy in Rome, Memoirs.
 American Journal of Archaeology.
 American Magazine of Art.
 Die Antike.
 Antiquity.
 Archæologiske Ephemeris.
 Archiv für Orientforschung.
 Archiv für Papyrusforschung.
 Archivo español de Arte y Arqueología.
 Art and Archaeology.
 Art Bulletin.
 Art in America.
 Art Index.
 L'Arte.
 Beaux Arts.
 Belvedere.
 Berliner Museen.
 Boletín de la Sociedad Española a Excursiones.
 British School at Athens, Annual.
 *Bulletin of the Cleveland Museum of Art.
 Bulletin of the Metropolitan Museum of Art, New York.
 *Bulletin of the Rhode Island School of Design.
 Bulletino della Commissione archeologica comunale de Roma.
 Burlington Magazine.

Cahiers d'Art.
 Capitolum.
 Chronique d'Égypte.
 Emporium.
 Gazette des Beaux Arts.
 Hesperia.
 Jahrbuch der preussischen kunstsammlungen.
 Jahrbuch des Archäologischen Institute.
 Jahreshefte des Österreichischen Archäologischen Instituts in Wien.
 Journal international d'archéologie numismatique.
 Journal of Egyptian Archaeology.
 Journal of Hellenic Studies.
 Metropolitan Museum Studies.
 Mittheilungen des Deutschen Archäologischen Instituts, Athenische Abteilung und Römische Abteilung.
 Monumenti Antichi.
 Museum Journal.
 *Museum of Fine Arts Bulletin, Boston.
 Notizie degli Scavi di Antichità.
 Parnassus.
 Revue archéologique.
 Revue de l'art.
 Syria.
 Zeitschrift des Deutschen Palastina Vereins.
 Zeitschrift für Kunstgeschichte.

Economics and Politics

- *Advocate of Peace.
 All Opinions of the U. S. Supreme Court.
 *American Association for International Conciliation, Publications.
 American City.
 American Economic Review.
 American Federationist.
 American Journal of International Law.
 American Political Science Review.
 Annalist.
 Annals of the American Academy of Political and Social Science.
 Citizens' Business.
 Columbia Law Review.
 *Congressional Record.
 Economic Journal.
 Economist, London.
 Federal Reserve Bulletin.
 Good Government.
 Great Britain, Consolidated List of Parliamentary Publications.
 Harvard Business Review.
 Harvard Law Review.
 Jahrbücher für Nationalökonomie und Statistik.
 Johns Hopkins University Studies in Historical and Political Science.
 *Journal du Droit international.
 Journal of Comparative Legislation.
 Journal of Criminal Law.
 Journal of Political Economy.
 Journal of the Royal Statistical Society.
 League of Nations Official Journal.
 League of Nations Treaty Series.
 National Municipal Review.
 Paix par le Droit.
 Political Quarterly.
 Political Science Quarterly.
 Polybiblion; Revue Bibliographique.
 Proceedings of the Academy of Political Science.
 Public Administration.
 Public Management.
 Publications of the American Economic Association.
 Quarterly Journal of Economics.
 *Revue de Droit international.
 Revue General de Droit international
 *U. S. Weekly Commerce Reports.
 Zeitschrift für National Ökonomie.
 Zeitschrift für Öffentliches Recht.

Social Economy and Social Research

- *Advance.
 *Advertising Age.
 American Child.
 American Child Health Association, Transactions.
 *American Flint.
 American Journal of Public Health.
 American Journal of Sociology.
 American Labor Legislation Review.
 American Management Association Publications.
 *Bakers' Journal.
 Better Times.
 *Bridgeman's Magazine.
 *Broom-makers' Journal.
 *Bulletin of the New York State Department of Labor.
 Bulletin of the Taylor Society.
 Business Week.
 *Carpenter.
 *Chase Economic Bulletin.
 Child Health Bulletin.
 *Cigar Makers' Journal.
 *Commercial Telegraphers' Journal.
 *Economic Review of the Soviet Union.
 *Electrical Workers' Journal.
 *Elevator Constructor.
 Eugenics Review.
 Factory.
 Family.
 *Garment Worker.
 *Granite Cutters' Journal.
 Housing.
 Human Factor.
 Independent Woman.
 Industrial Arts Index.
 Industrial Bulletin.
 Information Service.
 *International Engineer.
 International Labour Office Publications.
 International Labour Review.
 *International Musician.
 International Quarterly of Adult Education.
 *International Woodcarver.
 Journal of American Statistical Association.
 Journal of Educational Sociology.
 Journal of Heredity.
 Journal of Industrial Hygiene.
 Journal of Juvenile Research.
 Journal of Social Hygiene.
 *Journeyman Barber.
 Labor Advocate.

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| <ul style="list-style-type: none"> *Labor Bulletin of the Massachusetts Bureau of Statistics. Labor News. Labour Magazine. Labour Monthly. Labour Record. *Leatherworkers' Journal. Life and Labor Bulletin. Locomotive Engineer's Journal. *Machinists' Monthly Journal. Mental Hygiene. *Metal Polishers' Journal. Ministry of Labour Gazette. Monthly Labor Review. National Consumers' League. National Conference of Social Work, Bulletin and Proceedings. New Leader. *Painter and Decorator. *Papermakers' Journal. *Patternmakers' Journal. *Paving Cutters' Journal. Personnel. *Plasterer. *Plumbers, Gas and Steam Fitters Journal. *Public Health, Michigan. *Quarry Workers' Journal. *Railroad Telegrapher. *Railway Carmen's Journal. *Railway Maintenance of Way Employes' Journal. | <ul style="list-style-type: none"> Recreation. *Retail Clerks' International Advocate. Revue des Etudes Coöperative. Revue Internationale de Sociologie. *Shoeworkers' Journal. *Shop Review. Social Forces. Social Service Review. Sociological Review. Sociology and Social Research. *Specialty Salesman. *Stereotypers' and Electrotypers' Journal Survey. *Tailor. *Teamsters', Chauffeurs', Stablemen and Helpers' Magazine. *Textile Worker. *Trade Union News. *Typographical Journal. Union Labor Record. *U. S. Bureau of Immigration, Publications. *U. S. Bureau of Labor Statistics, Bulletin *U. S. Bureau of the Census, Publications. *U. S. Children's Bureau, Publications. *U. S. Department of Health, Bulletin. *University of Illinois, Studies in Social Sciences. *University of Minnesota, Studies in Social Sciences. |
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Education and Psychology

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| <ul style="list-style-type: none"> American Journal of Psychology. Année psychologique. Archives de Psychologie. Archives of Psychology. Archiv für die gesammte Psychologie. British Journal of Educational Psychology. British Journal of Medical Psychology. British Journal of Psychology. Bulletin de l'Institut Psychologique. Character and Personality. Child Development Abstracts. Comparative Psychology Monographs. Education. Education Index. Educational Administration. Educational Record. Elementary School Journal. Genetic Psychology Monographs. Harvard Monographs in Education. Industrial Education Magazine. | <ul style="list-style-type: none"> Journal de Psychologie. Journal of Abnormal and Social Psychology. Journal of Applied Psychology. Journal of Comparative Psychology. Journal of Educational Psychology. Journal of Educational Research. Journal of Experimental Psychology. Journal of General Psychology. Journal of Higher Education. Journal of Social Psychology. Journal of the American Association of University Women. National Education Association, Publications. National Society for the Study of Education, Yearbook. Neue Psychologische Studien. Pedagogical Seminary. Proceedings of the Society for Psychical Research. |
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| <p>Progressive Education.
 Psychological Abstracts.
 Psychological Bulletin.
 Psychological Clinic.
 Psychological Review.
 Psychological Review; Monograph Supplements.
 Psychological Review. Psychological Index.
 Psychologische Arbeiten.
 Psychologische Forschung.
 Review of Educational Research.
 Revue Internationale de l'Enseignement Supérieur.
 School and Society.</p> | <p>School Review.
 Supplementary Education Monographs.
 Teachers' College Contributions to Education.
 Teachers' College Record.
 U. S. Bureau of Education, Bulletin.
 University of California Publications, Education.
 Zeitschrift für angewandte Psychologie.
 Zeitschrift für pädagogische Psychologie.
 Zeitschrift für Psychologie und Physiologie der Sinnesorgane: 1. Abt., Zeitschrift für Psychologie. 2. Abt., Zeitschrift für Sinnesphysiologie.</p> |
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History

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| <p>American Historical Association, Reports.
 American Historical Review.
 Bulletin of the Institute of Historical Research
 Camden Society, Publications.
 Current History.
 Economic History Review.
 English Historical Review.
 Great Britain, House of Commons, Parliamentary Debates.
 Historical Manuscripts Commission, Reports.
 Historische Vierteljahrschrift.
 Historische Zeitschrift.</p> | <p>History.
 *Illinois State Historical Society Journal.
 Journal of Modern History.
 Klio, Beiträge zur alten Geschichte.
 Mississippi Valley Historical Review.
 Pipe Roll Society, Publications.
 Rassegna Storica del Risorgimento.
 Révolution française.
 Revue des Questions historiques.
 Revue historique.
 Round Table.
 Royal Historical Society, Transactions.
 Selden Society, Publications.
 Surrey Record Society, Publications.</p> |
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Philology and Literature, Classical

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| <p>Ægyptus.
 Bulletin de Correspondance hellénique.
 Classical Journal.
 Classical Philology.
 Classical Quarterly.
 Classical Review.
 Classical Weekly.
 Eranos.
 Glotta.
 Gnomon.
 Harvard Studies in Classical Philology.
 Hermes.
 Jahresbericht über die Fortschritte der klassischen Altertumswissenschaft.
 Journal of Roman Studies.</p> | <p>Mnemosyne.
 Neue Jahrbücher für Wissenschaft und Jugendbild.
 Philologische Wochenschrift.
 Philologus.
 Revue de Philologie.
 Revue des Études grecques.
 Rheinisches Museum für Philologie.
 Rivista di Filologia Classica.
 Sokrates.
 Studi Italiani de Filologia classica.
 Studi Storici per l'Antichità classica.
 Wiener Studien, Zeitschrift für klassische Philologie.
 Year's Work in Classical Studies.</p> |
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Philology and Literature, General and Comparative

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| <p>Acta Philologica Scandinavica.
 American Journal of Philology.
 Archiv für das Studium der neueren Sprachen.
 Arkiv for Nordisk Filologi.
 Dialect Notes.
 Indogermanische Forschungen.
 Journal of English and Germanic Philology.
 Journal of Philology.
 Medium Aevum.
 Neophilologus.</p> | <p>Philologica.
 Philological Quarterly.
 Philological Society, London, Publications.
 Revue Celtique.
 Studia Neophilologica.
 Studies in Philology.
 Transactions of the American Philological Association.
 Zeitschrift für romanische Philologie.
 Zeitschrift für vergleichende Sprachforschung.</p> |
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Philology and Literature, Modern

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| <p>American Literature.
 Anglia.
 Archivum Romanicum.
 Beiblatt zur Anglia.
 Beiträge zur Geschichte der deutschen Sprache und Literatur.
 Bibliographical Society of America, Publications.
 Bibliographical Society of London, Transactions.
 Bonner Studien zur englischen Philologie.
 British Society of Franciscan Studies.
 Bulletin du Bibliophile.
 Bulletin hispanique.
 Bulletin of Spanish Studies.
 Chaucer Society Publications (both series).
 Critica.
 (La) Cultura.
 Deutsche Literaturzeitung.
 Deutsche Texte des Mittelalters.
 Early English Text Society, Publications (both series).
 Englische Studien.
 English Journal.
 Études italiennes.
 Euphorion.
 Forschungen zur neueren literaturgeschichte.
 Germanic Review.
 Germanisch-romanische Monatsschrift.
 Giornale Dantesco.
 Giornale Storico della Letteratura italiana.
 Goethe Jahrbuch.
 Henry Bradshaw Society, Publications.
 Hispania.
 Jahrbuch der Deutschen Shakespeare Gesellschaft.</p> | <p>Jahrbuch des Vereins für niederdeutsche Sprachforschung.
 Jahresbericht über die Erscheinungen auf dem Gebiete der germanischen Philologie.
 Language, journal.
 L'Italia che scrive.
 Literarisches Centralblatt.
 Literaturblatt für germanische und romanische Philologie.
 Malone Society, Publications.
 Materialien zur Kunde des älteren englischen Dramas.
 Modern Language Journal.
 Modern Language Notes.
 Modern Language Review.
 Modern Languages.
 Modern Philology.
 Muttersprache.
 Nouvelles Littéraires.
 Notes and Queries.
 Palaestra.
 Poet-lore.
 Praeger deutsche Studien.
 Publications of the Modern Language Association.
 Rassegna Bibliografica.
 Review of English Studies.
 Revista de Filologia Española.
 Revue des Langues Romanes.
 Revue de Linguistique romane.
 Revue de Littérature Comparée.
 Revue de Philologie française.
 Revue d'Histoire Littéraire de la France.
 Revue Germanique.
 Revue Hebdomadaire.
 Revue Hispanique.
 Romania.
 Romanic Review.</p> |
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BRYN MAWR COLLEGE

Romanische Forschungen.
 Scottish Text Society, Publications.
 Société des Anciens Textes Française,
 Publications.
 Société des Textes Français Modernes,
 Publications.
 Speculum.
 Studi danteschi.
 Studi medievali.
 Studien zur englischen Philologie.

Wiener Beiträge zur englischen Philologie.
 Yale Studies in English.
 Year's Work in English Studies.
 Zeitschrift für celtische Philologie.
 Zeitschrift für Deutschkunde.
 Zeitschrift für deutsche Philologie.
 Zeitschrift für deutsches Altertum und
 deutsche Litteratur.
 Zeitschrift für französische Sprache und
 Litteratur.

Philology and Literature, Semitic

American Journal of Semitic Languages
 and Literatures.
 Jewish Quarterly Review.
 Journal of the Royal Asiatic Society.

Zeitschrift für ägyptische Sprache und
 Altertumskunde.
 Zeitschrift für Assyriologie.

Philosophy and Religion

American Friend.
 Analysis.
 Angelos.
 Anglican Theological Review.
 Annalen der Philosophie.
 Archiv für Geschichte der Philosophie.
 Archiv für Religionswissenschaft.
 Bulletin de la Société Française de Phil-
 osophie.
 Christian Faith.
 *Christian Register.
 Expository Times.
 Giornale Critico della Filosofia italiana.
 Harvard Theological Review.
 Hibbert Journal.
 International Journal of Ethics.
 Journal of Biblical Literature.
 Journal of Philosophy.
 Journal of Religion.
 Journal of Theological Studies.

Mind.
 Monist.
 Philosophical Review.
 Philosophy.
 Philosophy of Science.
 Proceedings of the Aristotelian Society.
 *Publications of the American Jewish
 Historical Society.
 Religious Education.
 Revue biblique.
 Revue d'histoire de la Philosophie.
 Revue de l'histoire de Religions.
 Revue de Métaphysique.
 Revue philosophique.
 *Spirit of Missions.
 *Woman's Missionary Friend.
 Zeitschrift für Alttestamentliche Wissen-
 schaft.
 Zeitschrift für die Neutestamentliche Wis-
 senschaft.

Science, General

American Journal of Science.
 Atti della Reale Accademia delle Scienze
 di Torino.
 British Association for the Advancement
 of Science, Reports.
 Comptes Rendus des Séances de l'Aca-
 démie des Sciences.
 Journal of Scientific Instruments.
 Journal of the Washington Academy of
 Sciences.
 *Kansas University, Science Bulletin.
 Nature.
 Naturwissenschaften.
 *New York State Museum Bulletin.
 Philosophical Magazine.

Philosophical Transactions of the Royal
 Society of London, Series B.
 Proceedings of the American Philosophical
 Society.
 Proceedings of the National Academy of
 Sciences.
 Royal Society of London Proceedings,
 series A and B.
 Science.
 Scientific American.
 Scientific Monthly.
 *U. S. National Museum, Publications.
 *University of Missouri Studies, Sciences
 Series.

* Presented by the Publishers.

Science, Biology and Botany

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| <p>American Journal of Anatomy.
 American Journal of Physiology.
 American Naturalist.
 Anatomischer Anzeiger.
 Annual Review of Biochemistry.
 Archiv für die gesammte Physiologie.
 Archiv für Entwicklungsmechanik.
 Archiv für Protistenkunde.
 Biochemical Journal.
 Biochemische Zeitschrift.
 Biologisches Centralblatt.
 Botanisches Centralblatt.
 Genetics.
 *Illinois Biological Monographs.
 Jahrbücher für wissenschaftliche Botanik.
 Journal de Physiologie.
 Journal of Biological Chemistry.
 Journal of Experimental Medicine.
 Journal of Experimental Zoölogy.
 Journal of General Physiology.
 Journal of Genetics.
 Journal of Morphology.</p> | <p>Journal of Physiology.
 Journal of the Royal Microscopical Society.
 *Midland Naturalist.
 Physiological Abstracts.
 Physiological Reviews.
 Physiological Zoölogy.
 Quarterly Journal of Microscopical Science.
 *U. S. Public Health Service, Publications.
 *University of California Publications, Physiology.
 *University of California Publications, Zoölogy.
 *University of Toronto Studies, Biological Series.
 Zeitschrift für Physiologische Chemie.
 Zeitschrift für wissenschaftliche Zoologie.
 Zeitschrift für Zellforschung und mikroskopische Anatomie.
 Zoologischer Anzeiger.</p> |
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Science, Geology and Geography

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| <p>American Association of Petroleum Geologists. Bulletin.
 American Mineralogist.
 Annales de Geographie.
 Annotated Bibliography of Economic Geology.
 Bulletin of the Geological Society of America.
 Centralblatt für Mineralogie.
 Economic Geology.
 Finlande Commission Geologique Bulletin.
 Geographical Journal.
 Geological Magazine.
 Geologisches Centralblatt.
 Geologists' Association, Proceedings.
 *Illinois Geological Survey Bulletin.
 Journal of Geology.</p> | <p>Journal of Sedimentary Petrology.
 Meteorologische Zeitschrift.
 Mineralogical Magazine.
 Mineralogische und Petrographische Mitteilungen.
 National Geographic Magazine.
 Neues Jahrbuch für Mineralogie, Geologie und Paläontologie.
 Pan-American Geologist.
 Quarterly Journal of the Geological Society.
 Revue de Geologie.
 *U. S. Monthly Weather Review.
 *University of Toronto Studies, Geological Series.
 Zeitschrift der Deutschen Geologische Gesellschaft.</p> |
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Mathematics, Chemistry and Physics

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| <p>Acta Mathematica.
 American Journal of Mathematics.
 American Mathematical Monthly.
 Annalen der Chemie.
 Annalen der Physik.
 Annales de Chimie.
 Annales de l'Institut Henri Poincaré.
 Annales de Physique.
 Annales des Sciences de l'Université de Toulouse.</p> | <p>Annales scientifiques de l'Ecole Normale Supérieure.
 Annali di Matematica.
 Annals of Mathematics.
 Astrophysical Journal.
 Berichte der Deutschen Chemischen Gesellschaft.
 Bollettino di Matematica.
 British Chemical Abstracts.
 Bulletin de la Société Chimique de France.</p> |
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- Bulletin de la Société mathématique.
 Bulletin des Sciences mathématiques.
 Bulletin of the American Mathematical Society.
 Chemical Reviews.
 Chemisches Zentralblatt.
 Composito Mathematico.
 Ergebnisse der Mathematik.
 Faraday Society Transactions.
 Fundamenta Mathematica.
 Giornale di Matematiche.
 Helvetica Chimica Acta.
 Jahrbuch der Chemie.
 Jahresbericht der deutschen Mathematiker Vereinigung.
 Journal de Chimie physique.
 Journal de Mathématiques.
 Journal de Physique et de le Radium.
 Journal für die reine und angewandte Mathematik.
 Journal für praktische Chemie
 Journal of Chemical Physics.
 Journal of Physical Chemistry.
 Journal of the American Chemical Society.
 Journal of the London Chemical Society.
 Journal of the London Mathematical Society.
 Journal of the Optical Society.
- Kolloidzeitschrift.
 London Mathematical Society Proceedings.
 Mathematische Annalen.
 Mathematische Zeitschrift.
 Monatshefte für Chemie.
 Physical Review.
 Physikalische Zeitschrift.
 Physikalische Zeitschrift der Sowjetunion.
 Quarterly Journal of Mathematics.
 Recueil des Travaux Chimique des Pays-Bas.
 Rendiconti del Circolo Matematico di Palermo.
 Review of Scientific Instruments.
 Reviews of Modern Physics.
 Revue Semestrielle de Publications Mathématiques.
 Science Abstracts.
 Transactions of the American Mathematical Society.
 U. S. Bureau of Standards Journal of Research.
 Zeitschrift für anorganische Chemie.
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LIST OF DISSERTATIONS

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DOCTOR OF PHILOSOPHY FROM BRYN MAWR COLLEGE

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- ALLARD,† BEATRICE. A contribution to the study of the Moral Practices of certain social groups in Ancient Mesopotamia. 90 p., O. W. Drugulin, Leipzig. 1921.
- ALMACK, MARY RUTH,§ A Quantitative Study of Chromatic Adaptation v + 119 p., O. 1928.
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Reprint from the *Annals of Mathematics*, Vol. 33 (1932).
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Reprint from *Revue Hispanique*, t. xii.
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* Mrs. Leicester Bodine Holland.
† Mrs. Beatrice A. Brooks.

§ Mrs. Raymond H. Carpenter.
‡ Mrs. Adolph Knopf.

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Reprint from *Bryn Mawr College Monographs, Monograph Series*, vol. 1, No. 1.
- BROWN,* BEATRICE DAW. A Study of the Middle English Poem Known as the *Southern Passion*. 110 p., O. John Johnson, Oxford University. 1926.
- BROWN, VERA LEE. Anglo-Spanish Relations in America in the Closing Years of the Colonial Era. p. 325-482, O. Williams and Wilkins Co., Baltimore. 1922.
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- BUNTING, MARTHA. The Origin of the Sex Cells in Hydractinia and Podocoryne and the Development of Hydractinia. 34 p., O. Ginn and Company, Boston. 1894.
Revised reprint from *Journal of Morphology*, vol. 9, No. 2.
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* Mrs. Carleton Brown.

† Mrs. Harry O. Cole.

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- MILLER, DOROTHY KATHRYN. *Graduate Student in Biology*
Bound Brook, N. J. A.B. Bryn Mawr College 1928 and M.A. 1931; Teacher of Science, Albany Academy for Girls, 1928-30; Graduate Student in Biology and Education, Bryn Mawr College, 1930-31; Graduate Student, Teachers College, Columbia University, Semester I, 1931-32; Fellow in Biology, Bryn Mawr College, 1932-33.
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Rosemont, Pa. A.B. Villanova College 1930; M.A. University of Pennsylvania, February, 1932. Graduate Student, University of Pennsylvania 1930-31; Teacher of French, Rosemont College, 1931-34; Graduate Student, Bryn Mawr College, 1932-34.
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Rosemont, Pa. A.B. Trinity College 1917; M.A. Villanova College 1928. Graduate Student, Villanova College, Summers 1926, 1927, 1928; Graduate Student, Fordham University Summer School, 1931 and 1932; Teacher of Latin and English, St. Leonard's Academy, Philadelphia, 1923-24; Teacher of Latin and English, School of the Holy Child, Suffern, N. Y., 1924-28, and Principal, 1928-32; Principal of the Holy Child High School, Waukegan, Ill., 1932-33; Teacher of Latin, Rosemont College, 1933-34.
- MOTHER MARY NORBERT. *Graduate Student in English*
Rosemont, Pa. A.B. Bryn Mawr College 1919; M.A. University of Pennsylvania 1923. Teacher of English, Public High School, Philadelphia, 1920-25 and at Sharon Hill Academy, Pa., 1927-29. Teacher of English, Rosemont College, 1929-34; Graduate Student in English, Bryn Mawr College, 1929-31, 1932-34.
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New York City. A.B. Hunter College 1932; M.A. Bryn Mawr College 1933. Graduate Student, Bryn Mawr College, 1932-34.
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Hartford, Conn. A.B. Wellesley College 1908; B.D. Hartford Theological Seminary 1922. Teacher of English, Montclair High School, Montclair, N. J., 1909-14; Graduate Student, Hartford Theological Seminary, 1914-16 and 1921-22; Teacher of English, Hartford High School, Hartford, Conn., 1916-21; Assistant Professor of Biblical Literature, Mount Holyoke College, 1922-25; Assistant Professor of Old Testament Literature, Hartford Theological Seminary, 1931-32; Lecturer in Biblical Literature, Bryn Mawr College, 1932-33 and Graduate Student in Greek, Semester I, 1932-33.
- PATTERSON, MARCIA LEWIS. *Graduate Student in Latin and Greek*
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Bryn Mawr, Pa. A.B. Bryn Mawr College 1927; M.A. Radcliffe College 1929. Graduate Student, Radcliffe College, 1927-29; Instructor in History of Art, Bryn Mawr College, 1930-34, and Graduate Student, 1930-32 and 1933-34.
- RAINES, § BARBARA GOLDBERG. *Graduate Student in Physics*
Brooklyn, N. Y. A.B. Hunter College 1929; M.A. Columbia University 1931. Tutor in Physics, Hunter College, 1929-32; Part-time Demonstrator in Physics and Graduate Student, Bryn Mawr College, 1932-34.

* Mrs. George G. Jeffries.

† Mrs. Lewis B. Paton.

‡ Mrs. William Potter.

§ Mrs. Arnold Raines.

- RAMAGE, SARAH THORPE.....*Graduate Student in English*
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- REAGAN, CAROLINE.....*Graduate Student in Education*
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- ROBERT, ROSAMOND.....*Graduate Student in Education*
Roslindale, Mass. A.B. Bryn Mawr College 1933. Apprentice Teacher, The Baldwin School, 1933-34.
- ROBINSON, CATHERINE PALMER.....*Graduate Student in Spanish*
New York City. A.B. Bryn Mawr College 1920 and M.A. 1921. Scholar in French, Bryn Mawr College, 1920-21; Teacher, Rosemary Hall, Greenwich, Conn., 1921-22; Graduate Student, University of Paris, 1922-23; Marine Insurance, 1924-29; Secretary to the Dean of the Graduate School, Senior Resident of Radnor Hall, Bryn Mawr College, and Graduate Student, 1929-34.
- SCHROEDER, HELEN CATHERINE.....*Graduate Student in Mathematics, Sem. I*
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Rosemont, Pa. A.B. Hunter College 1918; M.A. University of Pennsylvania 1932. Electrical Engineeress, Western Electric Company, 1918-Feb. 1922; Teacher of Mathematics, DeWitt Clinton High School, N. Y., Feb. 1922-1925, at St. Walburga's Academy, N. Y. 1925-26 and at Sharon Hill Academy, Pa., 1926-29. Teacher at the West Philadelphia Catholic Girls' High School, 1929-31; Teacher of Mathematics and Physics, Rosemont College, 1932-34; Graduate Student, Bryn Mawr College, Semester I, 1932-33 and 1933-34.
- STADIE,*AMANDA BRUGGER.....*Graduate Student in Education*
Philadelphia, Pa. A.B. Mount Holyoke College 1918. Assistant, Medical Library, Yale University, 1918-22; Teacher, Nursery School, Haverford, Pa., 1931-34; Graduate Student, Bryn Mawr College, 1932-34.
- STAUFFER, RUTH CAROLINE.....*Graduate Student in Mathematics*
Harrisburg, Pa. A.B. Swarthmore College 1931; M.A. Bryn Mawr College 1933. Graduate Scholar in Mathematics, Bryn Mawr College, 1931-32 and Graduate Student, 1932-34.
- STEVENS, HELEN BARBARA.....*Graduate Student in Mathematics, Sem. I*
Philadelphia, Pa. B.S. in Education University of Pennsylvania 1925; M.A. Bryn Mawr College 1932. Assistant to the Secretary and Registrar, Bryn Mawr College, 1925-34. Graduate Student, Bryn Mawr College, 1929-32 and Semester I, 1933-34.
- STOKES,† MAY EGAN.....*Graduate Student in French*
Huntingdon Valley, Pa. A.B. Bryn Mawr College 1911 and M.A. 1932. Graduate Student in French, Bryn Mawr College, 1929-32 and 1933-34.
- TAYLOR,‡ IRENE LAWRENCE.....*Graduate Student in Education*
Haverford, Pa. A.B. Vassar College 1912.
- THOMPSON, MARJORIE LA MONTE.....*Graduate Student in English*
Haverford, Pa. A.B. Bryn Mawr College 1912 and M.A. 1934. Teacher of English, Baldwin School, Bryn Mawr, Pa., 1918-22; Instructor in English, Bryn Mawr College, 1923-26; Editor, Bryn Mawr Alumnae Bulletin, 1927-34. Graduate Student, Bryn Mawr College, Semester I, 1912-13, Semester I, 1922-23, Semester I, 1925-26 and 1932-34.
- TILTON, EMILY KATHARINE.....*Graduate Student in Italian*
Waban, Mass. A.B. Wellesley College 1928; M.A. Radcliffe College 1931. University of Florence, Italy, 1928-29; Graduate Student, Radcliffe College 1930-31; Part-time Instructor in Italian, Bryn Mawr College, and Graduate Student, 1932-34.
- TOWNSEND, FRANCES CHARLOTTE.....*Graduate Student in Music, Sem. II*
Wallingford, Pa. A.B. Wellesley College 1933.

* Mrs. William C. Stadie.

† Mrs. J. Stoddell Stokes.

‡ Mrs. H. W. Taylor.

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Philadelphia, Pa. A.B. Bryn Mawr College 1932. Apprentice Teacher, Friends' Central
School, Semester II, 1933-34.

WEISS,* VICTORIA BRODKIN *Graduate Student in Chemistry*
Villanova, Pa. A.B. Hunter College Feb. 1927; M.A. Radcliffe College Feb. 1930. Grad-
uate Student, Columbia University and Teacher of Biology, Junior High School, New
York City, 1927-28; Graduate Student, Radcliffe College, 1928-29, 1930-32; Graduate Stu-
dent, University of Freiburg, 1929-30; Graduate Student, Bryn Mawr College, 1932-34.

WHITE, GLADYS *Graduate Student in Physics*
Durham, N. C. A.B. Duke University 1928 and M.A. 1929. Instructor in Physics, Win-
throp College, 1929-31; Fellow in Physics, Bryn Mawr College, 1931-33; Demonstrator
in Physics and Graduate Student, Bryn Mawr College, 1933-34.

YEAKEL, ELEANOR HUGINS *Graduate Student in Biology and Chemistry*
Bryn Mawr, Pa. A.B. Bryn Mawr College 1933 and M.A. 1934.

SUMMARY OF GRADUATE STUDENTS

European Fellows	5
Helen Schaeffer Huff Memorial Research Fellow	1
Resident Fellows	19
Special Fellows	3
Scholars	34
Graduate Students	59
Total	121

* Mrs. Paul Weiss.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest, or award which is to be devoted to scholarships, fellowships, or the endowment of professors' chairs in accordance with the wishes of the donor. Such funds may constitute memorials to the donor or to any person he may name. The sum of \$10,000 yields sufficient income at present to provide tuition for one undergraduate or two graduate students at Bryn Mawr College.

Form of Bequest

I give and bequeath to The Trustees of Bryn Mawr College, a corporation established by law in the State of Pennsylvania, the sum of.....
to be invested and preserved inviolably for the endowment of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

Date.....

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