

1947

Bryn Mawr College College Catalogue and Calendar, 1947-1949

Bryn Mawr College

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CALENDAR

UNDERGRADUATE COURSES

ISSUE FOR THE SESSION OF
1947 • 1948

APRIL 1947

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No Bulletin of the Carola Woerishoffer
Department of Social Economy and Social
Research was issued for 1947-48.

FOREWORD

Bryn Mawr College was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his lifetime the site of the College at Bryn Mawr, Pennsylvania, eleven 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 maintenance of this institution of higher education for women. In 1880 the College was incorporated under the laws of the Commonwealth of Pennsylvania and was invested with the power to confer degrees. In 1883 the Trustees issued a circular of information. In 1884 Dr. James E. Rhoads was elected President of the College and Dr. M. Carey Thomas was elected Dean of the Faculty. Plans were then matured and academic appointments were made. In the autumn of 1885 the College began its first academic year. On the resignation of President Rhoads in 1893 Dean Thomas was elected to the presidency, an office she held till her retirement in 1922. President Marion Edwards Park succeeded President Thomas in 1922 and retired in 1942. President Katharine Elizabeth McBride took office on July 1, 1942.

The College believes in the value of small classes and limits the enrollment of undergraduates to about five hundred and fifty and of graduate students to about one hundred and fifty.

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

Graduate studies are pursued in all fully organized departments of Bryn Mawr College. For information consult the Calendar of Graduate Courses.

CALENDAR

1947-48

S	M	T	W	T	F	S	S	M	T	W	T	F	S
SEPTEMBER							FEBRUARY						
	1	2	3	4	5	6	1	2	3	4	5	6	7
7	8	9	10	11	12	13	8	9	10	11	12	13	14
14	15	16	17	18	19	20	15	16	17	18	19	20	21
21	22	23	24	25	26	27	22	23	24	25	26	27	28
28	29	30					29						
OCTOBER							MARCH						
			1	2	3	4		1	2	3	4	5	6
5	6	7	8	9	10	11	7	8	9	10	11	12	13
12	13	14	15	16	17	18	14	15	16	17	18	19	20
19	20	21	22	23	24	25	21	22	23	24	25	26	27
26	27	28	29	30	31		28	29	30	31			
NOVEMBER							APRIL						
						1					1	2	3
2	3	4	5	6	7	8	4	5	6	7	8	9	10
9	10	11	12	13	14	15	11	12	13	14	15	16	17
16	17	18	19	20	21	22	18	19	20	21	22	23	24
23	24	25	26	27	28	29	25	26	27	28	29	30	
30													
DECEMBER							MAY						
	1	2	3	4	5	6							1
7	8	9	10	11	12	13	2	3	4	5	6	7	8
14	15	16	17	18	19	20	9	10	11	12	13	14	15
21	22	23	24	25	26	27	16	17	18	19	20	21	22
28	29	30	31				23	24	25	26	27	28	29
							30	31					
1948 JANUARY							JUNE						
				1	2	3			1	2	3	4	5
4	5	6	7	8	9	10	6	7	8	9	10	11	12
11	12	13	14	15	16	17	13	14	15	16	17	18	19
18	19	20	21	22	23	24	20	21	22	23	24	25	26
25	26	27	28	29	30	31	27	28	29	30			

COLLEGE CALENDAR

1947-48

FIRST SEMESTER

1947

- September 25. Halls of Residence open to the entering class at 8 A. M.
Registration of Freshmen
Advanced Standing Examinations begin
Deferred, condition and auditors' examinations begin
27. Radnor Hall open to new graduate students at 9 A. M.
Registration of new graduate students
Deferred, condition and auditors' examinations end
28. Halls of Residence open to all students at 8 P. M.
29. Registration of students
30. Work of the 63rd academic year begins at 8.45 A. M.
- October 11. German examinations for undergraduates, M.A. and Ph.D. candidates
16. Advanced Standing Examinations end
18. French examinations for undergraduates, M.A. and Ph.D. candidates
25. Spanish and Italian examinations for undergraduates and M.A. candidates
- November 1. Hygiene examination
26. Thanksgiving holiday begins after last class
- December 1. Thanksgiving holiday ends at 9 A. M.
19. Christmas vacation begins at 12.45 P. M.

1948

- January 5. Christmas vacation ends at 9 A. M.
10. German examinations for Seniors conditioned, M.A. and Ph.D. candidates
16. Last day of lectures
17. French examinations for Seniors conditioned, M.A. and Ph.D. candidates
19. Collegiate examinations begin
24. Spanish and Italian examinations for Seniors conditioned and M.A. candidates
31. Collegiate examinations end

SECOND SEMESTER

- February 3. Work of the second semester begins at 9 A. M.
- March 25. Spring vacation begins after last class
- April 5. Spring vacation ends at 9 A. M.
Deferred examinations begin
10. Deferred examinations end
17. French examinations for undergraduates and Ph.D. candidates
24. Spanish and Italian examinations for undergraduates
- May 1. German examinations for undergraduates and Ph.D. candidates
14. Last day of lectures
17. Collegiate examinations begin
28. Collegiate examinations end
30. Baccalaureate Sermon
- June 1. Conferring of degrees

CORRESPONDENCE

The Post Office address of the College is Bryn Mawr College, Bryn Mawr, Pennsylvania.

Correspondence regarding the following subjects should be addressed as follows:

General interests of the College, to the President
Academic work of students in the College }
Withdrawal of students in the College } to the Dean
Health program }
Admission to the Graduate School, to the Dean of the Graduate School
Admission to the Carola Woerishoffer Department of the Graduate School, to the Director of the Carola Woerishoffer Department
Admission to the Undergraduate School }
Entrance scholarships } to the Director
Requests for catalogues } of Admissions
Rooms in the Halls of Residence, to the Director of Halls
Payment of bills, to the Comptroller
Recommendations for positions and inquiries regarding students' self-help, to the Director of the Bureau of Recommendations
Regional scholarships and loan fund }
Alumnæ activities } to the Alumnæ Secretary

Prospective students are encouraged to secure information about the College from their local College Representatives (see list on pages 20-24).

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THE TRUSTEES OF BRYN MAWR COLLEGE

CHARLES J. RHOADS
President

THOMAS RAEBURN WHITE
FREDERIC H. STRAWBRIDGE
Vice-Presidents

J. HENRY SCATTERGOOD <i>Treasurer</i>	AGNES BROWN LEACH ¹ <i>Secretary</i>
RUFUS M. JONES	AGNES BROWN LEACH ¹
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FREDERIC H. STRAWBRIDGE	FRANCIS J. STOKES
RICHARD MOTT GUMMERE	S. EMLEN STOKES
J. HENRY SCATTERGOOD	J. EDGAR RHOADS
C. CANBY BALDERSTON	

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President

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RICHARD MOTT GUMMERE
Vice-Presidents

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RICHARD MOTT GUMMERE	ELEANOR LITTLE ALDRICH ⁶
J. HENRY SCATTERGOOD	AMY WALKER FIELD ⁷ <i>Alumnæ Director, 1942-47</i>
AGNES BROWN LEACH ¹	OLIVIA STOKES HATCH ⁸ <i>Alumnæ Director, 1943-48</i>
J. STOGDELL STOKES	ELEANOR A. BLISS <i>Alumnæ Director, 1944-49</i>
MILLICENT CAREY MCINTOSH ²	MARJORIE MARTIN TOWNSEND ⁹ <i>Alumnæ Director, 1945-50</i>
FRANCIS J. STOKES	HELEN TREDWAY GRAHAM ¹⁰ <i>Alumnæ Director, 1946-51</i>
S. EMLEN STOKES	
J. EDGAR RHOADS	
C. CANBY BALDERSTON	
KATHARINE ELIZABETH MCBRIDE	
CAROLINE McCORMICK SLADE ³	

MARION EDWARDS PARK, by invitation
President Emeritus of Bryn Mawr College

¹ Mrs. Henry Goddard Leach.

² Mrs. Rustin McIntosh.

³ Mrs. F. Louis Slade.

⁴ Mrs. James Chadwick-Collins.

⁵ Mrs. Everett N. Case.

⁶ Mrs. Talbot Aldrich.

⁷ Mrs. James A. Field.

⁸ Mrs. John Davis Hatch, Jr.

⁹ Mrs. Harold E. Townsend.

¹⁰ Mrs. Fvarts Graham.

Standing Committees of the Board of Directors, 1947

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CAROLINE McCORMICK SLADE
Vice-Chairman
CHARLES J. RHOADS
J. HENRY SCATTERGOOD
AGNES BROWN LEACH
J. EDGAR RHOADS
KATHARINE ELIZABETH McBRIDE
JOSEPHINE YOUNG CASE
ADELAIDE W. NEALL
AMY WALKER FIELD
MILLCENT CAREY McINTOSH

Finance Committee

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AGNES BROWN LEACH
CAROLINE McCORMICK SLADE
W. LOGAN MACCOY
ELEANOR LITTLE ALDRICH

Committee on Religious Life

KATHARINE ELIZABETH McBRIDE
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MILLCENT CAREY McINTOSH
FRANCIS J. STOKES
ADELAIDE W. NEALL
OLIVIA STOKES HATCH

Committee on Buildings and Grounds

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FREDERIC H. STRAWBRIDGE
J. STODGELL STOKES
J. EDGAR RHOADS
KATHARINE ELIZABETH McBRIDE
CAROLINE MORROW CHADWICK-
COLLINS
ELEANOR A. BLISS
MARJORIE MARTIN TOWNSEND

Library Committee

KATHARINE ELIZABETH McBRIDE
Chairman
RICHARD MOTT GUMMERE
ELEANOR LITTLE ALDRICH
HELEN TREDWAY GRAHAM

Deanery Committee

CAROLINE McCORMICK SLADE, *Chairman*
ADELAIDE W. NEALL, *Vice-Chairman*
ELEANOR A. BLISS, *Secretary*
CAROLINE MORROW CHADWICK-COLLINS, *Treasurer,
and Chairman of the Executive Committee*
KATHARINE ELIZABETH McBRIDE
MILLCENT CAREY McINTOSH
JOSEPHINE YOUNG CASE
ELEANOR LITTLE ALDRICH
AMY WALKER FIELD
OLIVIA STOKES HATCH
MARJORIE MARTIN TOWNSEND
HELEN TREDWAY GRAHAM

COLLEGE ADMINISTRATION

ACADEMIC YEAR 1946-47

President: KATHARINE ELIZABETH MCBRIDE, Ph.D., LL.D., L.H.D.
Office: Taylor Hall.

Dean of the College: DOROTHY NICOLE NEPPER, Ph.D.
Office: Taylor Hall.

Dean of the Graduate School: LILY ROSS TAYLOR, Ph.D., Litt.D.¹
Office: The Library.

*Adviser of Foreign Graduate Students, Semester I, and
Acting Dean of the Graduate School, Semester II:*
JANE MARION OPPENHEIMER, Ph.D.
Office: The Library

Dean of Freshmen and Director of Admissions:
ANNIE LEIGH BROUGHTON, M.A.
Office: Taylor Hall.

*Director in Residence of the Board of Directors and Editor of
Publications:* CAROLINE MORROW CHADWICK-COLLINS, A.B.
Office: Taylor Hall.

Assistant to the President: DOROTHY MACDONALD, A.B.
Office: Taylor Hall.

Recorder of the College: MARIAN CARTER ANDERSON, B.S.
Office: Taylor Hall.

Director of the Bureau of Recommendations:
LOUISE FROST HODGES CRENSHAW, A.B.
Office: Taylor Hall.

Assistant Director of Public Relations:
ELOISE CHADWICK-COLLINS SUTTON, A.B.
Office: Taylor Hall.

*Assistant Editor of Publications and Assistant to the Director
in Residence:* MARGARET SIMPSON DAVID, M.A.
Office: Taylor Hall.

Assistants to the Director of Admissions:
ELIZABETH HOFFMAN ALEXANDER, A.B.
CARO SHUGG CURRAN, A.B.
Office: Taylor Hall.

Adviser in the Bureau of Recommendations:
NATICA BATES.
Office: Taylor Hall.

¹ On leave of absence for the second semester.

Director of Halls and Head Warden:

CHARLOTTE BRANDON HOWE, M.A.

Office: Rockefeller Hall.

Warden of Denbigh Hall: ELEANOR FESSENDEN ROELSE, A.B.

Warden of Merion Hall, Oct.-Dec. 1946: MARION KIRK, A.B.

Warden of Merion Hall, Semester II: FRANCES CROFTS, A.B.

Warden of Pembroke Hall East: AUDREY HOPE JOHNSON, A.B.

Warden of Pembroke Hall West: MARY FRANCES SHANNON, A.B.

Warden of Rhoads Hall: CARO SHUGG CURRAN, A.B.

Warden of Rockefeller Hall and of Non-residents:

CAROL MARY O'CONNOR, A.B.

Warden of East House: EVELYN CORNELIA HALLER, A.B.

Warden of French House (Wyndham): DORIS STRAUS, M.A.

Warden of Spanish House (Denbigh Wing):

MARY STEDMAN SWEENEY, M.A.

Senior Resident of Radnor Hall: EVA LOUISE PRICE, M.A.

College Physician: OLGA CUSHING LEARY, M.D.¹

Office: The Infirmary.

Acting College Physician: ELIZABETH HUMESTON, M.D.

Office: The Infirmary.

Assistant College Physician: ISAAC SHARPLESS, M.D.

Office: The Infirmary.

Attending Psychiatrist: GENEVIEVE MARGARET STEWART, M.D.

Office: The Infirmary.

Acting Director of Physical Education, Semester I:

ETHEL M. GRANT.

Office: The Gymnasium.

Director of Physical Education, Semester II:

IRENE A. CLAYTON, M.S.

Office: The Gymnasium.

Librarian: LOIS ANTOINETTE REED, A.B., B.L.S.

Office: The Library.

Assistant to the Treasurer: SANDY LEE HURST.

Office: Taylor Hall.

Comptroller: RAYMOND G. BUCKLEY.

Office: Taylor Hall.

Superintendent: HORACE T. SMEDLEY.

Office: Rockefeller Hall.

¹On leave of absence for the year 1946-47.

FACULTY AND STAFF

ACADEMIC YEAR, 1946-47

KATHARINE ELIZABETH MCBRIDE, Ph.D., LL.D., L.H.D., *President of the College.*

MARION EDWARDS PARK, Ph.D., LL.D., *President Emeritus of the College.*

DOROTHY NICOLE NEPPER, Ph.D., *Dean of the College.*

LILY ROSS TAYLOR, Ph.D., Litt.D.,¹ *Dean of the Graduate School and Professor of Latin.*

JANE MARION OPPENHEIMER, Ph.D., *Advisor of Foreign Graduate Students, Semester I, and Acting Dean of the Graduate School, Semester II; Assistant Professor and Associate Professor-elect of Biology.*

ANNIE LEIGH BROUGHTON, M.A., *Dean of Freshmen and Director of Admissions.*

CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director in Residence of the Board of Directors.*

WILMER CAVE WRIGHT, Ph.D., *Professor Emeritus of Greek.*

REGINA KATHARINE CRANDALL, Ph.D., *Professor Emeritus of English Composition.*

LUCY MARTIN DONNELLY, A.B., *Professor Emeritus of English.*

SUSAN MYRA KINGSBURY, Ph.D., LL.D., *Professor Emeritus of Social Economy.*

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

CHARLES GHEQUIERE FENWICK, Ph.D., LL.D., *Professor Emeritus of Political Science.*

EUNICE MORGAN SCHENCK, Ph.D.,¹ *Class of 1907 Professor of French.*

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

RHYS CARPENTER, Ph.D., Litt.D.,² *Professor of Classical Archæology and Holder of a Julius and Sarah Goldman Grant.*

JAMES LLEWELLYN CRENSHAW, Ph.D., *Professor of Physical Chemistry.*

¹ On leave of absence for the second semester, 1946-47, and for the first semester of the year 1947-48.

² Granted leave of absence for the year 1947-48.

- HELEN TAFT MANNING, Ph.D., LL.D.,¹ *Professor of History.*
- ANNA PELL WHEELER, Ph.D., Sc.D., *Professor of Mathematics.*
- MARY HAMILTON SWINDLER, Ph.D., LL.D.,² *Professor of Classical Archæology.*
- HORACE ALWYNE, F.R.M.C.M., *Alice Carter Dickerman Professor of Music and Director of the Department of Music.*
- ROGER HEWES WELLS, Ph.D.,³ *Professor of Political Science.*
- JOSEPH E. GILLET, Ph.D., *Professor of Spanish.*
- MAX DIEZ, Ph.D., *Professor of German Literature.*
- GRACE FRANK, A.B., *Non-resident Professor of Old French Philology.*
- STEPHEN JOSEPH HERBEN, B.Litt, Ph.D., *Professor of English Philology.*
- Fritz MEZGER, Ph.D., *Professor of Germanic Philology.*
- THOMAS ROBERT SHANNON BROUGHTON, Ph.D., *Professor of Latin.*
- HARRY HELSON, Ph.D., *Professor of Experimental Psychology.*
- EDWARD H. WATSON, Ph.D., *Professor of Geology.*
- MILTON CHARLES NAHM, B.Litt., Ph.D., *Professor of Philosophy.*
- WALTER C. MICHELS, Ph.D., *Professor of Physics.*
- DONALD WALLACE MACKINNON, Ph.D., *Professor of Psychology.*
- CORNELIA LYNDE MEIGS, A.B., *Professor of English Composition on the Margaret Kingsland Haskell Foundation.*
- MARGARET GILMAN, Ph.D., *Associate Professor and Professor-elect of French.*
- LINCOLN DRYDEN, Ph.D., *Associate Professor and Professor-elect of Geology.*
- ERICH FRANK, Ph.D., *Visiting Professor of Philosophy.*
- MARGUERITE LEHR, Ph.D., *Associate Professor of Mathematics.*
- MARY SUMMERFIELD GARDINER, Ph.D.,¹ *Associate Professor of Biology.*
- CAROLINE ROBBINS, Ph.D.,⁴ *Associate Professor of History.*
- ANGELINE HELEN LOGRASSO, Ph.D., *Associate Professor of Italian.*
- MYRA RICHARDS JESSEN, Ph.D., *Associate Professor of German.*
- DOROTHY WYCKOFF, Ph.D., *Associate Professor of Geology.*

¹ Granted leave of absence for the year 1947-48.

² On leave of absence for the year 1946-47.

³ Absent on war service.

⁴ On leave of absence, November 1945-February 1947.

- BERTHE MARIE MARTI, Ph.D.,¹ *Associate Professor of Latin and French.*
- RICHARD BERNHEIMER, Ph.D., *Associate Professor of History of Art.*
- RICHMOND LATTIMORE, Ph.D., *Associate Professor of Greek.*
- MARY KATHARINE WOODWORTH, Ph.D., *Associate Professor of English.*
- ARTHUR COLBY SPRAGUE, Ph.D., *Associate Professor of English Literature.*
- HERTHA KRAUS, Ph.D., *Carola Woerishoffer Associate Professor of Social Economy.*
- ARTHUR LINDO PATTERSON, Ph.D., *Associate Professor of Physics.*
- GERMAINE BRÉE, *Agrégée, Associate Professor of French.*
- K. LAURENCE STAPLETON, A.B., *Associate Professor of English.*
- JOSEPH C. SLOANE, JR., M.F.A., *Associate Professor of History of Art.*
- MILDRED BENEDICT NORTHROP, Ph.D., *Associate Professor of Economics and Acting Director of the Department of Social Economy.*
- ALEXANDER COBURN SOPER, III., M.F.A., Ph.D., *Associate Professor History of Art.*
- JOHN CHESTER MILLER, Ph.D., *Associate Professor of History.*
- JOHN CORNING OXTOBY, M.A., *Associate Professor of Mathematics.*
- ISABEL SCRIBNER STEARNS, Ph.D., *Associate Professor of Philosophy.*
- AGNES KIRSOPP MICHELS, Ph.D., *Associate Professor of Latin.*
- L. JOE BERRY, Ph.D., *Associate Professor of Biology.*
- MARSHALL DEMOTTE GATES, JR., Ph.D., *Assistant Professor and Associate Professor-elect of Chemistry.*
- ERNST BERLINER, Ph.D., *Assistant Professor and Associate Professor-elect of Chemistry.*
- FELIX GILBERT, Ph.D., *Lecturer and Associate Professor-elect of History.*
- FREDERICA DE LAGUNA, Ph.D., *Assistant Professor of Anthropology.*
- RACHEL DUNAWAY COX, Ph.D., *Assistant Professor of Education and Psychology.*
- BETTINA LINN, M.A., *Assistant Professor of English.*
- D. BEATRICE MCCOWN, Ph.D., *Assistant Professor of Political Science, Semester I.*

¹ On leave of absence for the year 1946-47.

- JOSHUA C. HUBBARD, Ph.D., *Assistant Professor of Economics.*
- FREDERICK W. THON, M.F.A., *Assistant Professor of English.*
- MABEL LOUISE LANG, Ph.D.,¹ *Assistant Professor of Greek.*
- LORNA COOKE DE VARON, A.M., *Assistant Professor of Music.*
- GEORGE CUTTINO, Ph.D.,¹ *Assistant Professor of History on a joint appointment by Bryn Mawr College and Swarthmore College.*
- EDWIN HEWITT, Ph.D., *Assistant Professor of Mathematics.*
- RICHARD M. MARTIN, Ph.D., *Assistant Professor of Philosophy.*
- LOUIS PAMPLUME, *Agrégé, Assistant Professor of French.*
- CONCHA DE ZULUETA, *Licenciado, Instructor in Spanish.*
- FRANCES DE GRAAFF, Ph.D., *Assistant Professor-elect of Russian on a joint appointment by Bryn Mawr College and Haverford College.*
- ARNOLD JOSEPH TOYNBEE, D.Litt., F.B.A., *Mary Flexner Lecturer, Director of Studies in the Royal Institute of International Affairs and Research Professor of International History in the University of London.*
- MARY MARGARET ZENDER, M.A., M.S.S., *Lecturer in Social Economy.*
- MURIEL JANET GAYFORD, M.S.P.A., *Lecturer in Medical Social Case Work.*
- RAY HAMILTON ABRAMS, Ph.D., *Lecturer in Sociology.*
- BRYCE WOOD, Ph.D., *Lecturer in Political Science.*
- LOUISE E. W. ADAMS HOLLAND, Ph.D., *Lecturer in Latin.*
- HUGH JOHN CREECH, Ph.D., *Lecturer in Biochemistry.*
- ALICE BEARDWOOD, Ph.D., *Lecturer in History, Semester I.*
- SARA ANDERSON IMMERWAHR, Ph.D., *Lecturer in Classical Archaeology.*
- MAXINE WOOLSTON, Ph.D., *Lecturer in Social Economy.*
- KATHERINE D. K. LOWER, Ph.D., *Lecturer in Social Economy.*
- MARY STEDMAN SWEENEY, M.A., *Lecturer in Spanish and Warden of the Spanish House.*
- PIERRE ERISTOFF, M.A., *Lecturer in Russian.*
- MARY H. EASBY, M.D., *Special Lecturer in Medical Information, Semester I.*
- LEON B. SAUL, M.D., *Special Lecturer in Psychiatric Information, Semester I.*

¹ Granted leave of absence for the year 1947-48.

- M. ROYDEN C. ASTLEY, M.D., *Special Lecturer in Psychiatric Information, Semester II.*
- EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry.*
- MARTHA MEYSENBERG DIEZ, M.A., *Instructor in German.*
- HILDE D. COHN, Ph.D., *Instructor in German.*
- EDITH FINCH, M.A., *Instructor in English.*
- MILDRED TONGE BROWN, Ph.D., *Instructor in English.*
- RUTH VIRGINIA HIGBEE, M.A., *Instructor in Psychology.*
- BEATRICE S. MAGDOFF, M.A., *Instructor in Physics.*
- JANE BRIDGMAN, M.A., *Instructor in Biology.*
- DOROTHY ALDEN KOCH, Ph.D., *Instructor in English.*
- HELEN HAZARD BACON, A.B., *Instructor in Greek and English.*
- PETER BACHRACH, M.A., *Instructor in Political Science.*
- DORIS STRAUS, M.A., *Instructor in French, Semester II; Warden of Wyndham.*
- JOANNE LOEWE COATES, A.B., *Instructor in History.*
- PRISCILLA KRAMER SILZ, Ph.D., *Instructor in German, Semester II.*
- KERNAN BRADLEY WHITWORTH, M.A., *Instructor-elect in French.*
- WILLIAM E. NORRIS, JR., A.B.,¹ *Instructor-elect in Biology.*
- ELIZABETH BOOTH, A.B., *Reader in Music.*
- BARBARA ADAMS CRAWFORD, A.B., *Reader in History of Art.*
- JOSEPHINE J. CARR, A.B., *Reader in Mathematics.*
- KATHLEEN B. MEALS, A.B., *Reader in English.*
- HENRIETTA HUFF LANDES, A.B., *Curator of Slides and Photographs.*
- EVELYN CORNELIA HALLER, A.B., *Demonstrator in Biology and Warden of East House.*
- LOUISE GAUS, A.B., *Demonstrator in Physics.*
- JULIE NEIL CALVERT, A.B., *Demonstrator in Biology.*
- FRANCES ELEANOR EMERSON, A.B., *Demonstrator in Psychology.*
- KATHARINE LUTZ, A.B., *Demonstrator in Geology.*
- CYNTHIA ELIZABETH BOUDREAU, A.B., *Demonstrator in Geology.*
- FRANCES JEAN BONDHUS, M.A., *Demonstrator in Chemistry.*
- MARY LOU HACKETHAL BEIDLER, A.B., *Demonstrator in Physics.*
- NORMA CURTIS JOHNSON, M.A., *Demonstrator in Physics.*
- CATHERINE HERR, A.B.,² *Demonstrator-elect in Biology.*

¹ Ph.D. to be conferred June 1947.

² A.B. to be conferred June 1947.

- MARY PHYLLIS VIPOND, A.B., *Research Assistant in Chemistry and Geology.*
- LOUISE HORWOOD ALDEN, A.B., *Research Assistant in Social Economy, Semester II.*
- MYRTLE CORLISS NASH, M.A., *Assistant in the Educational Service.*
- ROSAMOND KENT SPRAGUE, A.B., *Assistant in Philosophy.*
- KATHARINE M. DOWNING, A.B., *Assistant in Economics and Statistics.*
- JOSEPHINE YAGER KING, M.A., *Assistant in Political Science, December 1946-June 1947.*
- ABE PEPINSKY, Ph.D., *Leader of Orchestra and Ensemble Groups.*
- MORRIS BLACKBURN, *Visiting Artist*

LIBRARY

- LOIS ANTOINETTE REED, A.B., B.L.S., *Librarian.*
- MARY LOUISE TERRIEN, A.B., B.S., *Circulation and Reference Librarian.*
- HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer.*
- ANNA ELIZABETH DOUGHERTY, A.B., B.S., *Assistant Cataloguer.*
- ETHEL W. WHETSTONE, A.B., *Library Assistant in the Quita Woodward Wing.*
- MARIBEL SCOLES, A.B., B.S., *Librarian in Charge of the Science Libraries.*
- ELEANOR ADAMS, B.S., *Assistant Cataloguer.*
- ALICE B. COMLY, *Assistant to the Circulation Librarian.*

HALLS OF RESIDENCE

- CHARLOTTE BRANDON HOWE, M.A., *Director of Halls and Head Warden.*
- EVA LOUISE PRICE, M.A., *Senior Resident of Radnor Hall.*
- MARION KIRK, A.B., *Warden of Merion Hall October-December, 1946.*
- CARO SHUGG CURRAN, A.B., *Warden of Rhoads Hall and Assistant to the Director of Admissions.*
- M. FRANCES SHANNON, A.B., *Warden of Pembroke West.*
- AUDREY HOPE JOHNSON, A.B., *Warden of Pembroke East.*
- CAROL MARY O'CONNOR, A.B., *Warden of Rockefeller Hall.*

- ELEANOR FESSENDEN ROELSE, A.B., *Warden of Denbigh Hall.*
- MARY STEDMAN SWEENEY, M.A., *Warden of the Spanish House and Lecturer in Spanish.*
- DORIS STRAUS, M.A., *Warden of Wyndham; Instructor in French, Semester II.*
- FRANCES CROFTS, A.B., *Warden of Merion Hall, Semester II.*
- EVELYN CORNELIA HALLER, A.B., *Warden of East House.*
- NATICA BATES, *Assistant Warden in Charge of Freshmen in Low Buildings.*

HEALTH

- The President and Deans of the College, *ex officio.*
- OLGA CUSHING LEARY, M.D.,¹ *College Physician.*
- ELIZABETH HUMESTON, M.D., *Acting College Physician.*
- FREDERIC C. SHARPLESS, M.D., *General Consultant.*
- ISAAC SHARPLESS, M.D., *Assistant College Physician.*
- GENEVIEVE MARGARET STEWART, M.D., *Attending Psychiatrist.*
- ETHEL M. GRANT, *Acting Director of Physical Education, Semester I.*
- IRENE A. CLAYTON, M.S., *Director of Physical Education, Semester II.*

PHYSICAL EDUCATION

- IRENE A. CLAYTON, M.S., *Director of Physical Education, Semester II.*
- ETHEL M. GRANT, *Acting Director of Physical Education, Semester I, and Assistant Director of Physical Education, Semester II.*
- JANET A. YEAGER, *Instructor in Physical Education.*

BUSINESS ADMINISTRATION

- CHARLOTTE BRANDON HOWE, M.A., *Director of Halls.*
- SANDY LEE HURST, *Assistant to the Treasurer.*
- RAYMOND G. BUCKLEY, *Comptroller.*
- HORACE T. SMEDLEY, *Superintendent.*
- JOSEPHINE FALCONE McCUSKER, *Purchasing Agent and Manager of the Business Office.*
- MARJORIE E. BACHELLER, B.S., *Dietitian.*
- WINFIELD DAUGHERTY, *Fire Chief.*

¹ On leave of absence for the year 1946-47.

COLLEGE REPRESENTATIVES

The following Alumnæ 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:

Alabama

BIRMINGHAM—Miss Louisa I. Gibson, *President of the Bryn Mawr Club of Birmingham*, Box 379, Route 1, Gardendale.

Arkansas

HOT SPRINGS—Mrs. James H. Chesnutt, *State Chairman of the Alumnae Association*, 2412 Central Avenue.

California

ALTADENA—Mrs. J. Wylie Brown, *Southern California Scholarships Chairman*, 234 East Mendocino Street.

PASADENA—Miss Jean Smith, *President of the Bryn Mawr Club of Southern California*, 320 Orange Grove Avenue, Pasadena 2.

SAN FRANCISCO—Miss Phoebe H. Brown, *President of the Bryn Mawr Club of Northern California*, 1 25th Avenue, North, San Francisco 1.

Mrs. Colis Mitchum, *Northern California Regional Scholarships Chairman*, 2131 Jackson Street, San Francisco 15.

Mrs. Farwell Hill, Ross.

SAN MARINO—Mrs. C. Pardee Erdman, *District Councillor of the Alumnae Association*, 1050 Rosalind Road, San Marino 5.

Colorado

DENVER—Mrs. Harry E. Bellamy, *State Chairman of the Alumnae Association*, 1174 Race Street, Denver 6.

Connecticut

NEW HAVEN—Mrs. Charles McLean Andrews, 424 St. Ronan Street, New Haven 11.

Mrs. Clarence W. Mendell, *President of the Bryn Mawr Club of New Haven*, 151 Linden Street, New Haven 11.

WESTPORT—Mrs. Howard V. Phillips, *District Councillor of the Alumnae Association*.

Delaware

WILMINGTON—Mrs. Chester Lloyd-Jones, 707 Coverdale Road, Wilmington 56.

District of Columbia

WASHINGTON—Mrs. John L. Vandegrift, *Washington Regional Scholarships Chairman*, 3241 38th Street, N. W., Washington 16.

Mrs. Donald C. Blaisdell, *President of the Bryn Mawr Club of Washington*, 3901 Connecticut Avenue, Washington 8.

Florida

TALLAHASSEE—Mrs. Alfred B. Maclay, Route 1, Box 22-C.

Georgia

AUGUSTA—Mrs. Landon Thomas, *State Chairman of the Alumnae Association*, 2229 Pickens Road.

Illinois

CHICAGO—Mrs. William Burry, *President of the Bryn Mawr Club of Chicago*, 909 Elm Tree Road, Lake Forest.

Mrs. James A. Field, *Alumnae Director of Bryn Mawr College*, 105 E. Delaware Place, Chicago 11.

Mrs. Richard Bentley, *District Councillor of the Alumnae Association*, 1421 Lake Road, Lake Forest.

Mrs. William G. Hibbard, 840 Willow Road, Winnetka.

Indiana

INDIANAPOLIS—Mrs. Edgar Evans, *President of the Bryn Mawr Club of Indiana*, 3445 N. Pennsylvania Street, Indianapolis 5.

Kansas

WICHITA—Mrs. Cecil A. Clarke, *State Chairman of the Alumnae Association*, 115 North Fountain Avenue.

Maryland

BALTIMORE—Miss Dorothy P. Hall, *President of the Bryn Mawr Club of Baltimore*, Medical Hall Farm, Bel Air.

Dr. Eleanor A. Bliss, *Alumnae Director of Bryn Mawr College*, 1026 North Calvert Street, Baltimore 2.

Mrs. Tenney Frank, *Baltimore Regional Scholarships Chairman*, 110 Elmhurst Street, Baltimore 10.

TOWSON—Miss Elizabeth Baer, Towson 4.

Massachusetts

BOSTON—Mrs. Talbot Aldrich, *Director of Bryn Mawr College and New England Regional Scholarships Chairman*, 59 Mount Vernon Street, Boston 8.

DEDHAM—Mrs. Alexander G. Grant, *President of the Bryn Mawr Club of Boston*, 960 High Street, Dedham.

LENOX—Mrs. John Davis Hatch, Jr., *Alumnae Director of Bryn Mawr College*.

Michigan

DETROIT—Mrs. E. Parrish Lovejoy, *Chairman of the Alumnae Organization of Michigan*, 1720 Iroquois Avenue, Detroit 14.

Minnesota

MINNEAPOLIS—Mrs. Lyndon M. King, 2412 West 24th Street, Minneapolis 5.

Missouri

FLORISSANT—Mrs. Evarts A. Graham, *Alumnæ Director of Bryn Mawr College*, Old Jamestown Road.

ST. LOUIS—Mrs. E. Van Norman Emery, *President of the Bryn Mawr Club of St. Louis*, 4668 Pershing Avenue, St. Louis 8.

Mrs. Warren Shapleigh, *District Councillor of the Alumna Association*, 34 Westmoreland Place, St. Louis 8.

Nebraska

OMAHA—Miss Marie C. Dixon, *State Chairman of the Alumna Association*, 507 South 38th Street, Omaha 5.

New Jersey

MONTCLAIR—Mrs. Howard Campbell, *President of the Bryn Mawr Club of Montclair*, 247 Christopher Street.

PRINCETON—Miss Frances F. Jones, *President of the Bryn Mawr Club of Princeton*, 114 Alexander Street.

New Mexico

SANTA FÉ—Mrs. Wheaton Augur, P. O. Box 884.

New York

ALBANY—Miss Elizabeth B. Kirkbride, 314 State Street, Albany 6.

HAMILTON—Mrs. Everett Case, *Director of Bryn Mawr College*, Colgate University.

NEW YORK—Mrs. William H. Haines, *President of the Bryn Mawr Club of New York City*, Auldwood Road, Stamford, Connecticut.

Mrs. Learned Hand, 142 East 65th Street, New York 21.

Mrs. Rustin McIntosh, *Trustee and Director of Bryn Mawr College*, 514 East 87th Street, New York 28.

Mrs. F. Louis Slade, *Director of Bryn Mawr College*, 49 East 67th Street, New York 21.

Mrs. C. Dickerman Williams, *District Councillor of the Alumna Association*, 520 East 86th Street, New York 28.

ROCHESTER—Mrs. J. Stinson Scott, *Chairman of the Alumna Group of Rochester*, 800 Allen's Creek Road, Rochester 10.

SCARSDALE—Mrs. Melvyn Lowenstein, *Chairman of the Westchester and Fairfield Group of Bryn Mawr Alumnae*, 14 Butler Road.

North Carolina

ASHEVILLE—Mrs. George M. Stephens, *President of the Bryn Mawr Club of Asheville*, 4 Hilltop Road, Biltmore Forest.

DURHAM—Mrs. David St. Pierre DuBose, *State Chairman of the Alumnae Association*, P. O. Box 310.

Ohio

CINCINNATI—Mrs. Russell Wilson, *President of the Bryn Mawr Club of Cincinnati*, 2726 Johnstone Place, Cincinnati 6.

CLEVELAND—Miss Doris Emerson, *President of the Bryn Mawr Club of Cleveland*, 16015 Fernway Road, Shaker Heights 20.

Mrs. James W. Osborn, *District Councillor of the Alumnae Association*, 1775 Radnor Road, Cleveland 18.

COLUMBUS—Mrs. Webb I. Vorys, *Chairman of the Columbus Alumnae Group*, "Clifftop," Blacklick.

Pennsylvania

PHILADELPHIA—Miss Adelaide W. Neall, *Director of Bryn Mawr College*, 425 Roumfort Road, Philadelphia 19.

Mrs. Richard C. Bull, *Chairman of the Eastern Pennsylvania, Southern New Jersey and Delaware Branch of the Alumnae Association*, 531 Spring Mill Road, Villa Nova.

Mrs. Samuel H. Paul, *President of the Alumnae Association*, 540 East Graver's Lane, Philadelphia 18.

PITTSBURGH—Mrs. Charles B. Nash, *President of the Bryn Mawr Club of Pittsburgh and Western Pennsylvania Regional Scholarships Chairman*, 4136 Bigelow Boulevard, Pittsburgh 13.

Rhode Island

PROVIDENCE—Mrs. Ray E. Gilman, *President of the Bryn Mawr Club of Providence*, 44 E. Manning Street, Providence 6.

South Carolina

COLUMBIA—Miss Mary K. Boyd, *State Chairman of the Alumnae Association*, 1708 Green Street.

Tennessee

CHATTANOOGA—Mrs. Glenn R. Kleinau, *President of the Chattanooga-Sewanee Bryn Mawr Club*, 2006 McCallie Avenue, Chattanooga 2.

MEMPHIS—Mrs. Barton Lee Mallory, Jr., *Regional Scholarships Chairman for the South*, 4255 Gwynne Road, Memphis 11.

NASHVILLE—Miss Martha J. Lindsey, *President of the Nashville Bryn Mawr Club*, 201 24th Avenue, South, Nashville 5.

Texas

WACO—Mrs. A. Foster Smith, *State Chairman of the Alumnae Association*, P. O. Box 337, B. U. Station.

Vermont

PLAINFIELD—Mrs. Harold E. Townsend, *Alumnae Director of Bryn Mawr College*, "Allenwood," Plainfield.

Virginia

ALEXANDRIA—Mrs. Alexander C. Zabriskie, *State Chairman of the Alumnae Association*, Seminary Hill.

RICHMOND—Miss M. Katharine Cary, *President of the Bryn Mawr Club of Richmond*, 1715 Park Avenue, Richmond 20.

Miss Eudora R. Richardson, *Regional Scholarships Chairman for Richmond*, 5100 Belleau Road.

Washington

SEATTLE—Mrs. Leon A. deTurenne, *President of the Bryn Mawr Club of Seattle*, 1915 10th Avenue, North, Seattle 2.

Wisconsin

MADISON—Mrs. Moses S. Slaughter, 633 North Francis Street, Madison 3.

England

Mrs. Alys Russell, 11 St. Leonard's Terrace, Chelsea, London, S. W. 3.

ADMISSION

Admission to Bryn Mawr College is based upon a student's record in secondary school, her principal's recommendation, her scores in the tests given by the College Entrance Examination Board, and other information secured by the College concerning her health, character, and ability. The College reserves the right in all cases to determine which candidates shall be admitted. The great majority of students enter the College in the autumn, but the Committee on Admissions will consider applications from a limited number of transfer students for admission in February. All candidates are asked to come, if possible, to the College for a personal interview with the Director of Admissions. A candidate who has questions of any sort about her preparation should feel free to write to the Director of Admissions at any time.

An application, accompanied by a registration fee of ten dollars, payable to Bryn Mawr College, should be sent to the Director of Admissions as soon as the candidate's proposed year of entrance is determined. This fee is not refunded if the candidate later withdraws her name or does not succeed in gaining admission. It may, however, be transferred to a later year if a request is received before October first of the year of entry originally planned. Registration does not insure admission to the College. Application forms will be sent to each candidate who is registered for the following year. These forms must be returned not later than April fifteenth. Forms for the official transcript of the school record and for the principal's recommendation will be sent by the College to the schools. Health forms will be mailed to all candidates.

PROGRAM OF SECONDARY SCHOOL STUDIES

Candidates are expected to complete a four-year secondary school course which includes work in English, foreign languages, mathematics, history, and science. They are urged to plan their program of studies as early as possible in their career in secondary school. Those who cannot meet in full the requirements for admission to the College should consult the Director of Admissions for special consideration and advice.

The term "unit" is used to describe work involving four or five recitations a week for the entire school year. Sixteen units are required for admission, as follows:

<i>Subjects</i>	<i>Units</i>
English (four years' study).....	4
Foreign Languages	6
Latin	3 or 4
French or German or Greek....	3 or 2
Mathematics	3
Algebra	2
Geometry	1
Science (Chemistry or Physics or Biology or, with the approval of the Committee on Admissions, advanced Mathematics)	1
History (American or Ancient or English or European or any other course approved by the Committee on Admissions)	1
Elective (History of Art, History and Appreciation of Music, Biblical Literature, Italian, Spanish, or further work in foreign languages, Mathematics, Science, or History)....	1

ADVANCED STANDING

Candidates who wish to enter the College with advanced standing may offer themselves for examination in certain subjects in addition to the sixteen units required for matriculation. The passing of such an examination entitles the student to college credit. For a list of the subjects and for the arrangements for these examinations see page 41.

ENTRANCE TESTS

All candidates must take the Scholastic Aptitude Test and three of the Achievement Tests given by the College Entrance Examination Board. The Scholastic Aptitude Test should be taken in December or in April of the senior year in secondary school. The three Achievement Tests should be taken in April of the senior year.

The Scholastic Aptitude Test (three hours) consists of a verbal and a mathematical section. There are no options in it and it must be taken by all candidates.

The Achievement Tests (three hours) are ten in number: English, Latin, French, German, Spanish, Biology, Chemistry, Physics, Social Studies, and Spatial Relations. Each candidate for admission to Bryn Mawr College takes three tests: English (an "essay test"); a foreign language; and either Social Studies or one of the sciences.

The Scholastic Aptitude and Achievement Tests are to be taken without special preparation. They are so constructed that ample

opportunity is allowed for candidates to secure good scores on the basis of work well done during the school year.

APPLICATION FOR THE COLLEGE ENTRANCE EXAMINATION BOARD TESTS

For application forms and further information address the College Entrance Examination Board, Post Office Box 592, Princeton, New Jersey.

There is a fee of nine dollars for registration for both the Scholastic Aptitude Test and the Achievement Tests, of five dollars for the Scholastic Aptitude Test alone, and of six dollars for the Achievement Tests alone. This fee must accompany each application and may be remitted by postal or express money order or by check.

All applications should be filed at the earliest possible date. Those for the April tests must reach the offices of the Board:

For examinations east of or on the Mississippi River on or before March 13, 1948.

For examinations elsewhere in the United States, in Canada, or in Mexico on or before March 6, 1948.

For examinations outside the United States, Canada, and Mexico on or before February 7, 1948.

If a candidate fails to obtain the application form, the examination fee will be accepted as a substitute provided it arrives by the specified date and is accompanied by a memorandum containing the name and address of the candidate, her choice of center, the college to which her report is to be sent, and the test or tests she wishes to take. Applications for examination received later than the dates specified will be accepted when it is possible to arrange for the examination, but only upon the payment of an additional fee of three dollars.

A list of examination centers is published annually early in January. The candidate must designate in her application the center to which she will go for examination. Additional centers will be arranged for the convenience of candidates one hundred miles or more from the nearest established center. Requests for the organization of special centers must reach the Board before February fifteenth.

ADMISSION OF TRANSFER STUDENTS

Candidates are admitted on transfer from certain approved colleges and universities where the curricula correspond to the curriculum of Bryn Mawr College. They must present credits

equal to the Bryn Mawr requirements for admission and the College Board tests required of regularly matriculated freshmen. They must also present a certificate of honorable dismissal and an official statement that they have studied in regular college classes for one academic year, that they have passed examinations covering at least one year of work in a regular college course, and that they are in good standing in the institution from which they transfer. No credit will be given for work done elsewhere until the student has completed successfully a year's work at Bryn Mawr College. To qualify for the A.B. degree transfer students must have studied at Bryn Mawr for at least two years. Students of other colleges or universities who have outstanding conditions or have otherwise failed to meet prescribed standards of academic work, or have been put on probation or suspended or excluded, will in no circumstances be admitted to Bryn Mawr College. Such students are not permitted to cancel their record elsewhere, offer the Bryn Mawr requirements for matriculation, and enter the College as first year students.

"HEARERS"

Women over twenty-five years of age are admitted as "hearers" to undergraduate courses without a matriculation examination, but they must furnish proof that they have at some time pursued the studies required for matriculation. Hearers are clearly differentiated from regularly matriculated students and must obtain permission from each instructor to attend classes, laboratories, and examinations. They are not eligible for degrees and may receive only such certificates of collegiate study as their instructors see fit to give. They are charged the full tuition fee. No other special students are admitted to undergraduate courses at Bryn Mawr College.

RESIDENCE AND EXPENSES

RESIDENCE

Halls of Residence. There are nine undergraduate halls of residence: Denbigh Hall, Merion Hall, Pembroke Hall East and West, James E. Rhoads Hall North and South, Rockefeller Hall, Wyndham and East House, and Radnor, the graduate hall. Plans and descriptions of these, with full information regarding the charges for rooms, may be obtained from the Director of Admissions. A resident warden is in charge of each hall. Each hall has its separate kitchen and dining-room except Pembroke and Rhoads each of which has a common kitchen and dining-room for the two wings. The first seven halls provide a separate room for each student. Each room is furnished with a bed, bureau, table-desk, straight chair, desk chair, and bookcase, but students supply their own rugs, curtains, and towels. All necessary service is supplied by the College. All rooms are adequately heated by steam heat controlled by a thermostat, but there are open fireplaces in many studies and single rooms. Because of the danger of infectious diseases personal laundry may be done only by laundries or laundresses recommended by the College.

Language Houses. There are three "language houses," in which students get practice in spoken French, German, and Spanish: the French House, with accommodations for eighteen students, occupies Wyndham; the German House and the Spanish House usually occupy a floor of one of the larger dormitories. Each house has its dining-room or alcove where breakfast and dinner are served; but lunch is provided in the larger halls of residence with the other students. Students living in these houses are under the supervision of the French, German, and Spanish departments respectively, and applications to live in the houses must be approved by the department concerned.

Application for Residence. A student in residence, who wishes to apply for a room for the following year, must make an application for a room and accompany it with an application fee of \$10. This fee will be credited against the residence charge if the room assigned is occupied by the applicant; it will not be refunded in any circumstances. Each student enrolled for the following year must make an additional deposit of \$40 not later than July fifteenth. This deposit will also be credited against the residence charge. It will be returned if the student withdraws from College before July fifteenth; it will not be returned if she withdraws later than July fifteenth.

New students applying for residence will be billed \$50 early in the summer. This \$50 will be credited against the residence

charge, but it will not be returned in case of withdrawal after August first.

An applicant who, after having reserved a room, fails to cancel her reservation by September first (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 Dean of the College by September first, the applicant is responsible for the residence charge (based upon the room assigned to her) for the whole year, or if a definite room assignment has not been made, the applicant is responsible for the minimum residence charge of \$650; subject to an allowance for the cost of food if absent for more than six consecutive weeks, and a further allowance if the College re-rents the room to a student not previously resident. The applicant is not entitled to dispose of the room that she leaves vacant.

Non-Resident Students. For students living with their families in Philadelphia and the vicinity there are club-rooms in Goodhart Hall and in the Library, and such students have the 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. The non-resident infirmary fee of \$5 entitles them to medical examination and consultation with the College Physician.

EXPENSES: TUITION AND RESIDENCE

Tuition. The tuition fee for all undergraduate students, resident and non-resident, and for hearers is \$550 a year. This fee is payable October 1st. No reduction or refund of the tuition fee can be made on account of absence, illness, dismissal, or for any other reason.

The average cost of teaching each undergraduate student is about \$1000 a year. The difference must be met from the endowment funds of the College and from private gifts. Voluntary contributions from parents able and willing to pay the additional sum or part of it, will be used for scholarships for students unable to pay the regular tuition fee.

Residence. The charge for residence is \$650, \$750, or \$850 according to the size and location of the student's room or rooms. The residence fees are payable as follows:

\$650	— payable	\$425	in October,	\$225	in February
750	— payable	525	in October,	225	in February
850	— payable	625	in October,	225	in February

NOTICE OF INCREASED FEES TO BE INCLUDED IN
NEXT CATALOGUE

Beginning in September 1948 the fees for undergraduate students will be :

Tuition	\$ 650
Residence, including infirmary fee	\$800 to \$1000
Minimum total fee	\$1450
Maximum total fee, with room and sitting room	\$1650

February 18, 1948

Reduction of Charges for Absence from College. In case of illness or withdrawal from the College for a period of six consecutive weeks or longer there will be a reduction in the charge for residence (representing the reduced expense to the College for food), provided written notice is given to the Dean of the College and the Comptroller at the time of withdrawal, or, in the case of illness at home, as soon as possible. Verbal notice to wardens or instructors is not sufficient to secure this reduction.

Residence during Vacations. A student who wishes to remain at the College during the Christmas and spring vacations should apply to the warden of her hall for information in regard to rooms and rates. During the Christmas vacation the halls of residence are closed but individual students may make arrangements for accommodations near the college campus; these arrangements are subject to the approval of the College. During the spring 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 spring 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 intention to spend the vacation elsewhere and to register her address with her warden.

Summary of Major Expenses:

For resident students, tuition and residence: \$1200, \$1300, or \$1400 according to the type of accommodation.

For non-resident students, tuition: \$550.

MINOR FEES AND CHARGES

Infirmary fee:

For resident students\$25.00

For non-resident students 5.00

Laboratory courses (or, in geology, field work): for materials and apparatus:

One course of less than 4 hours a week.....	\$7.50	} a semester
One course of 4 or more hours a week.....	15.00	
Two courses of 4 or more hours a week.....	25.00	
Three courses of 4 or more hours a week...	30.00	

Residence in a language house..... 50.00 a year

Graduation fee (payable in the senior year).... 20.00

Health Insurance (Students' Reimbursement

Plan), optional 15.00 a year

Bills will be rendered by the Comptroller on the first day of each semester. Students whose fees and charges are not paid before November first in the first semester and before March first in the second are not permitted to continue in residence or in attendance on their classes.

THE TUITION PLAN

Since some parents prefer to pay tuition and other college fees in equal monthly instalments during the college year, the College offers this convenience under "The Tuition Plan, Inc., New York City." The cost is four per cent greater than when payment is made in cash. If the plan of payment in equal monthly instalments is preferred, notification should be sent to the Comptroller of the College by September fifteenth. The Tuition Plan contract accompanied by the College bill will be forwarded by the Tuition Plan to parent or guardian between October first and fifteenth.

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.

Every student must register with the Comptroller at the beginning of each college year. This regulation must be complied with before 8.45 A. M. of the first day of lectures.

Freshmen 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 by a committee of upper classmen. The President and the Dean of the College wish to interview new students during these first few days. The Dean of Freshmen must see all freshmen in the course of these four days to advise them on their registration. Furthermore, during this time the new students are made familiar with the library, take their tests and physical examination, and become acquainted with the College.

The Dean of the College is academic adviser to all undergraduates of the three upper classes. Upper classmen will also consult with the heads of the departments in which they elect to do their major work. Students are urged to plan their work with reference to the schedule of classes and laboratories in order to avoid any conflict of hours which might prevent them from electing courses that they need.

The Students' Association for Self-Government, of which all undergraduates are members, has jurisdiction over the conduct of the students in all matters except those which are purely academic or which affect living arrangements.

The College reserves the right to exclude at any time any student whose conduct or academic work is unsatisfactory. In such cases the fees due or already paid to the College will be neither refunded nor remitted in whole or in part.

Integrity of all work is demanded of every student. In an examination or quiz no student shall hold any communication with another student or give or receive any assistance. Printed rules governing written work are handed to all entering students; a signed certificate that they have read and understood them is required. Any infraction of these rules, regardless of motive, or any action contrary to their spirit constitutes an offense.

Regular attendance at classes is expected.

HEALTH

Every entering student is required to file at the office of the Director of Admissions, on a blank to be secured from the College, a report of a recent medical examination, filled out and signed by a physician.

Every entering student must file a physician's certificate stating that she has been vaccinated against smallpox during the year preceding her entrance to 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. A fee of five dollars will be charged. There is no exception to this rule.

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 for which the student will be charged as a private patient by the ophthalmologist who makes the examination.

At the beginning of each year every student has a chest X-ray. These X-rays are made with paper plates, and a fee of about two dollars is charged for each. If necessary, the paper plate is checked with stereoscopic films, the fee for which is twenty dollars. Any student who has had a chest X-ray within six months preceding the opening of any year will be excused from this procedure, provided a complete report has been filed with the College before September fifteenth of the year in question.

Every undergraduate is examined each year by the Physician of the College and at intervals by the Director of Physical Education with reference to physical development, strength of heart and lungs, and general health. All students are urged to take some out-of-door exercise in addition to their periods of physical training. Any student who at the time of the examination or at any time during the year is not in good health is placed on the health supervision list. She is required to follow the special regime prescribed and her extra-curricular activities may be limited.

The College Physician is in her office in the college infirmary daily and may be consulted by the students without charge. Specialists practising in Bryn Mawr and Philadelphia serve as consulting physicians to the College. The fees of the consulting physicians and surgeons and other specialists recommended by the College will be furnished on request. The infirmary is open when college is in session and during the spring vacation. It is closed during the Christmas vacation.

The infirmary fee of twenty-five dollars paid by each resident student entitles her to free consultation with the college physicians and to treatment in the college dispensary. It also entitles her to

be cared for in the infirmary for seven 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 contagious and is not sufficiently serious to require the services of a special nurse. The fee for each day in the infirmary after the seven-day period is six dollars. In case of contagious disease the student must meet or share the expense of special nursing.

All communications concerning the health of students from parents and guardians, outside physicians and others, should be addressed to the Dean of the College. Any student who becomes ill when absent from the College is asked to notify the Dean of the College immediately and to present a signed statement from her physician when she returns.

The College reserves the right, if the parents or guardians cannot be reached, to make decisions concerning operations or other matters of health.

The College has arranged with the Connecticut General Life Insurance Company of Hartford, Connecticut, for health insurance, known as the Students' Reimbursement Plan. Under this plan individual policies are issued to the students who subscribe which provide for reimbursement, within specified limits, for the medical, surgical, and hospitalization expenses in cases of operation and prolonged illness. The cost of such a policy is fifteen dollars a year and includes protection during all vacations.

THE LIBRARY

The Library of Bryn Mawr College contains 197,500 volumes and over 10,000 pamphlets. Seven hundred periodicals and serial publications in English, French, German, Italian, Spanish, and Swedish are currently received. The basic collection is contained in the M. Carey Thomas Library. It supplies most of the needs of the faculty and students. The seminary rooms of each department contain books needed for graduate study. Dalton Hall contains the departmental libraries in Biology, Mathematics, and Physics; Park Hall the departmental libraries in Chemistry and Geology. A special librarian is in charge of these libraries of scientific books. Each of the halls of residence is provided with a small collection of books, for the most part duplicating those on reserve in the main library. The "language houses" contain special collections for recreational reading.

The privilege of drawing books from any of these collections (with the exception of those books that are on reserve) is granted to all registered students. There is free access to the stacks. The library is open daily, except Sunday, from 8 A. M. to 10 P. M. and on Sunday from 9 A. M. to 10 P. M.

Students have the privilege of using the Library at Haverford College. The Bryn Mawr catalogue includes the "author cards" of books at Haverford and facilitates the exchange of books between the two institutions.

The libraries in Philadelphia are generous in making their large resources available to students. A Union Catalogue located in the Fine Arts Building at the University of Pennsylvania facilitates use of all libraries in the community. The following libraries may be used by students provided with a letter of introduction from the Librarian of Bryn Mawr College: the Library of the University of Pennsylvania; the Library of the Historical Society of Pennsylvania; the Library of the American Philosophical Society; the Library of the Academy of Natural Sciences; the Library of the College of Physicians; the Free Library of Philadelphia; the Library Company of Philadelphia (to which Bryn Mawr College subscribes).

CURRICULUM

Major courses of study are offered in Biology, Chemistry, Classical Archæology, Economics and Politics, English, French, Geology, German, Greek, History, History of Art, Italian, Latin, Mathematics, Philosophy, Physics, Psychology, Sociology and Social Economy, and Spanish. Elective courses are offered in Education, the History of Religion, Music, and Russian, as well as in the major departments.

Every candidate for the degree of Bachelor of Arts chooses in the spring of her sophomore year a major subject of study. This is combined with work in allied subjects. The object of this system is to give to the student the thorough training in method and the familiarity with the literature of a subject which constitute the necessary foundation for work of an advanced character. For the student who intends to pursue graduate study and research in her chosen field the groundwork is thus laid; and to other students the discipline provided by continuity of training is an advantage in any field of activity.

During the first three years of college four full courses constitute the normal course load for each student (for definition of course, see page 39). No students other than seniors should plan to carry less than four full courses, but any student whose work is satisfactory may plan to take four and one-half courses if she so desires.

Four required courses are intended to insure a more liberal training than could be obtained were studies elected without any restriction. The required course in English Composition is designed to train the student to express herself clearly and correctly and to gather, organize, and present material for reports and papers, thus preparing her for advanced work in her major subject. The required course in Literature, besides serving as a foundation for further study of the subject, gives to the student majoring in other subjects a general view of one field of literature. The required course in Science gives to the student majoring in one of the humanities or social sciences an introduction to the kind of discipline received by the scientific student. The required course in Philosophy is an introduction to the study of ideas and the history of thought.

Except in cases where a prerequisite is indicated, first year courses may be elected by any student; but more advanced courses are open only to students who fulfill prerequisites.

Preparation for a Final Examination in the major field requires the student to review and correlate the material covered in her major courses and (where it seems desirable) in allied courses, and to carry on independent reading selected to round out her knowledge of her field as a whole, thus giving her a deeper insight into

fundamental principles and general concepts. In part of the examination emphasis is laid upon a broad general knowledge of the subject. The student is expected to devote approximately ten hours a week for one year to the preparation for this examination. Most of this preparation is done in the senior year but part may be done, on the advice of the department, during the preceding summer or in the junior year. With the approval of the major department one-third of this preparation may be devoted to an allied subject and one part of the examination may be set by an allied department.

Honors work is of a more advanced character than that done in the regular courses and requires greater initiative and power of organization than is usually expected of undergraduate students. No student may elect to work for honors without the recommendation of her department and the approval of the Committee on the Curriculum. Reports giving to the student an opportunity to test her ability in the selection and interpretation of source-material are usually required. These special studies may be carried on in connection with an Advanced course or they may be planned for individual students. Such work may be undertaken only after the completion of two years of study in the major subject.

The Plan for Co-ordination in the Teaching of the Sciences offers special training in borderline subjects. A gift from the Carnegie Corporation enables the College to award scholarships to qualified students in such fields as biophysics, geophysics, and geochemistry. As such work demands a thorough knowledge of the fundamentals of at least two sciences, it is often impossible for students to include all the desired courses in four undergraduate years; these scholarships are intended primarily to provide for an additional year (mainly in the Undergraduate School) so that the student may be ready, at the end of five years, to begin graduate work in her chosen correlated fields. Students entering Bryn Mawr who wish to work in science should consider the advantages of this plan and should consult with the heads of the departments in which their special interests lie as early in their college career as possible. In addition to the sum allotted to scholarships part of the annual income from the Carnegie fund is set aside for special courses in related subjects. These courses vary from year to year with the needs and interests of the students in science.

Students who have completed the major courses of study in Biology or in Chemistry fulfill the subject requirements for admission to the leading medical schools of the United States. The minimal premedical requirements are met by completing the following courses: Biology 101, Biology 201, Chemistry 101, Chemistry 202, Mathematics 101, Physics 101. Additional work in Biology and Chemistry is recommended, and can be obtained by completing the major subject requirements in either department with allied work in the one not chosen as the major.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

Every candidate for the degree of Bachelor of Arts, unless she is a transfer student or is permitted to accelerate her program, must attend Bryn Mawr College for a period of four years. Students admitted on transfer from other colleges must study at Bryn Mawr for at least two years. The minimum number of courses for the A.B. degree is fourteen and one-half. A course is normally one-quarter of a student's working time for one year, or approximately ten hours of work a week, including class meetings. When it is necessary to express *courses* in terms of *semester hours*, one course is considered equivalent to eight semester hours (until 1944-45 the term "unit" was used instead of "course"). Numerical grades on the scale of 100 are given in all courses counting for the degree. The student must attain a grade of 70 or above in at least half of these courses and a grade of at least 60 in the remainder. In the courses in her major subject she must maintain an average of at least 70, and should she receive a grade below 70 in a Second Year or Advanced course in her major subject she may be required to change her major. She must pass a final examination in her major subject. She must have a reading knowledge of two modern foreign languages (usually French and German), must pass a Hygiene examination, and must fulfill the requirements of the Department of Physical Education.

Every candidate must pursue the following course of studies:

Required Courses:

- (1) *English Composition.* There is supplementary work in English Speech, consisting of introductory lectures and individual conferences.
- (2) *Literature.* English, Greek, Latin, or the English Bible. A student majoring in Greek must take a course in Latin or English approved by the Department of Greek. A student majoring in Latin must take a course in Greek or English approved by the Department of Latin. A student majoring in English must take a course in Greek or Latin approved by the Department of English.
- (3) *Science.* Biology, Chemistry, Geology, or Physics. A student majoring in one of the sciences must substitute for this requirement a course in Archæology, History, History of Art, Economics, Music, Politics, or Psychology.
- (4) *Philosophy.* The History of Philosophic Thought. A student majoring in Philosophy must substitute for this requirement a course in Elementary Greek, Psychology or Mathematics.

Major Subject and Allied Subjects: This consists of six courses and preparation for a final examination. A student must take at least three courses in her major subject (many departments require four): one First Year course; one or two Second Year courses; one Advanced course. She must take enough courses in allied subjects to bring the total to six. *A Final Examination in the Major Field* must be taken by all candidates for the degree.

Free Elective Courses: Four and one-half courses are chosen freely by the student, the only limitations being the prerequisites of the courses selected.

Physical Education: During the first two years in college all students are required to take part in work organized by the Department of Physical Education. No student will be allowed to register for junior year who has not completed the requirement. Special exception may be granted by the Dean of the College in cases of prolonged illness or for transfer students.

Hygiene: All students are required to take at the beginning of their second year an examination based upon reading assigned by the College Physician. Students will not be allowed to register for the senior year unless they have satisfactorily passed the examination in Hygiene. This work does not count as any fraction of the total number of courses required for the degree.

Reading Knowledge of Two Foreign Languages: This is required of all students. They are generally advised to offer French and German since a knowledge of these languages is useful in the work of all departments; but for French or German (not both) a student may substitute Spanish, Italian, Russian, or some other European language if her choice is approved by the department in which she does her major work. The language examinations may be taken in any autumn or spring after entrance, up to the beginning of the senior year. But no student may take a second examination in the same language in the same academic year unless she satisfies the Dean of the College and the Chairman of the Language Examination Committee that she has made a serious effort to prepare for it. A senior who fails either examination or is conditioned in both in the autumn will not receive her degree the following June. If having passed one examination she is conditioned in the other, she may take a second examination in January. Credit towards the degree is not given to seniors for any course taken in preparation for this examination. Students are urged to fulfill this requirement as early as possible in their college career in order to make use of their knowledge of languages in their other work.

The studies required for the degree may be summarized as follows:

English Composition	One course
Physics, Chemistry, Geology, or Biology .	One course
English, Greek, Latin, or the English Bible	One course
Philosophy	One course
Major and Allied Subjects	Six courses
Free Electives	Four and one-half courses.

Advanced Standing. In order to free more time for studies of a more advanced character, students are permitted to take examinations in certain subjects without attending classes in college. These subjects are elementary Greek, French, German, Italian, and Spanish; Trigonometry; and Solid Geometry. Examinations for advanced standing must be taken not later than the beginning of the junior year unless the student's major department recommends a later date. Students wishing to take examinations for advanced standing in subjects other than those listed above must present requests to the Dean of the College, who will consult with the Committee on the Curriculum and with the departments concerned. Students who furnish proof of the possession of a thorough knowledge of French, German, Spanish or Latin may take (but only during the first three weeks after entering College) examinations for advanced standing in these languages.

Co-operation with Neighboring Institutions. Bryn Mawr College co-operates with the University of Pennsylvania, Haverford College, and Swarthmore College in a plan which, while preserving the individual qualities and complete autonomy of each institution, provides an efficient and economical service by co-ordinating the facilities of the four institutions. Full time students of any of the four may, with the approval of the Dean, take any courses desired at any of the other three without additional expense. Full academic credit is granted for such work by the institution in which the student is enrolled.

Summer School Work. Students desirous of supplementing their work at Bryn Mawr by taking courses in summer school are encouraged to do so. Students will not, however, obtain academic credit at Bryn Mawr for work done in summer school except for the following reasons: 1, if the credit is needed for the Bryn Mawr A.B. degree (e.g., to make up credit lost through illness or absence from college); 2, if the course taken is one which is recommended by the major department as a part of the plan of major work. A student who needs to secure credit for work to be done in summer school should first consult the Dean and

secure from her preliminary written approval of the plan, after which the plan must be approved in detail by the department or departments concerned. Credit given for such work will be calculated on an hour-for-hour basis.

The Degree of Bachelor of Arts is conferred upon students who have completed the course of study outlined above. The degree is awarded *cum laude*, *magna cum laude*, and *summa cum laude* to students whose numerical average grade on all their courses is, respectively, 80-84, 85-89, and 90 or above. To students who have completed honors work in their major subject the degree is awarded with distinction in that subject.

COURSES OF STUDY

1947-48

Credit is generally given in full-year courses only when the work of both semesters is completed. In certain courses, however, credit may be given for one semester's work, but only with the permission of the Dean of the College and the department concerned. A few courses carry additional credit, indicated by the numeral "1½." Courses in each department are numbered according to the following system:

Elementary courses and required courses which are not part of the major work: 1, 2, and so forth.

First year courses in major work: 101, 102, and so forth.

Second year courses in major work: 201, 202, and so forth.

Advanced courses in major work: 301, 302, and so forth.

Elective courses (indicated by *) are numbered in accordance with the year in which they are generally taken.

The letter "a" following a number indicates a half-course given in the first semester.

The letter "b" following a number indicates a half-course given in the second semester.

The letter "c" following a number indicates a half-course given two hours a week throughout the year

Prerequisites in other departments than the major course of study are indicated in the description of the individual courses.

Courses which, though regular parts of the program, are not given in the current year are enclosed in square brackets.

Biology

ASSOCIATE PROFESSORS: MARY SUMMERFIELD GARDINER, Ph.D.¹

L. JOE BERRY, Ph.D.

JANE MARION OPPENHEIMER, Ph.D.

INSTRUCTORS: JANE BRIDGMAN, M.A.

WILLIAM E. NORRIS, JR., A.B.²

DEMONSTRATORS: JULIE CALVERT, A.B.

CATHERINE HERR, A.B.³

Students majoring in Biology are required to take the first year course, both second year courses, and one advanced course; and, as allied subjects, General Chemistry and Elementary Organic Chemistry. The following courses are strongly recommended and are required for admission to most medical schools: Physics 101, Mathematics 101, and Chemistry 201. The course in Botany at Haverford College is open to Bryn Mawr students who have had Biology 101, and may be counted as elective work.

Allied subjects: Chemistry, Physics, and certain others with the approval of the department.

¹ Granted leave of absence for the year 1947-48.

² Ph.D. to be conferred June 1947.

³ A.B. to be conferred June 1947.

101. *General Biology*: Dr. Oppenheimer and instructor to be announced.

An introduction to biological problems and theories through a study of typical plants and animals. About one fifth of the year is spent on the embryology of the frog and the chick. Three lectures, four hours laboratory a week.

201. *Comparative Zoology*: Dr. Oppenheimer and instructor to be announced.

A study of the comparative anatomy of vertebrates and invertebrates. Three lectures, four hours laboratory a week.

202. *General Physiology*: Dr. Berry, Mr. Norris.

A comprehensive survey of general and vertebrate physiology. Three lectures, five hours laboratory a week. Prerequisites: Chemistry 101, Chemistry 202 (This may be taken concurrently).

- [301. *Microscopic Anatomy*: Dr. Gardiner].

- [302. *Genetics*: Dr. Gardiner].

- [303. *Embryology*: Dr. Oppenheimer].

Embryology of the vertebrates with consideration of theoretical questions of embryological interest. Two lectures, six hours (minimum) laboratory a week.

304. *Bacteriology*: Dr. Berry.

305. *Biochemistry*: Mr. Norris.

The chemistry of living organisms with special emphasis on the chemical principles in physiological phenomena. Two lectures, six hours (minimum) laboratory a week. Physics 101 is recommended as preparation for this course.

306. *Biophysics*: Dr. Berry.

307. *The Development of Scientific Thought*: Dr. Wyckoff, Dr. Oppenheimer.

(Interdepartmental Course 203. See page 75.)

308. *Fundamentals of Systematics*.

Offered at the Academy of Natural Sciences. One hour of lecture; four hours laboratory a week (Saturday mornings). A survey of the scope and methods of taxonomy, with a consideration of the mechanisms of speciation.

FINAL EXAMINATION

The final examination for students majoring in biology is in three parts:

1. General Biology (required of all students).
2. Two examinations offered from the following group (except in the case of Honors students as provided for in the General Plan):
 - a. Microscopic Anatomy
 - b. Embryology
 - c. Genetics
 - d. Bacteriology

- e. Physiology
 - Biochemistry
 - Introductory Biophysics.
- f. History of Biology

3. As an alternate, the student may substitute for one of the subjects under Group 2 an examination in Chemistry or Physics covering at least two years of work in the subject.

HONORS WORK

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

Chemistry

PROFESSOR:	JAMES LLEWELLYN CRENSHAW, Ph.D.
ASSOCIATE PROFESSORS:	MARSHALL DEMOTTE GATES, JR., Ph.D. ERNST BERLINER, Ph.D.
INSTRUCTOR:	EDITH HAMILTON LANMAN, M.A.
DEMONSTRATOR:	Appointment to be announced.

Students majoring in Chemistry are required to take the first year course, both second year courses, and one advanced course. One year of Physics and Mathematics 101a and 101b are also required.

Allied subjects: Biology, Geology, Mathematics, Physics.

101. *Introduction to General Chemistry* (first semester): *Qualitative Analysis and the Chemistry of the Metals* (second semester): Dr. Crenshaw, Dr. Berliner, Miss Lanman.

The first semester's work does not presuppose any knowledge of chemistry. Students who have had chemistry in school are given special laboratory work. Three lectures, four hours laboratory a week.

201a. *Quantitative Analysis* (first semester): Miss Lanman.

One lecture, eight hours laboratory a week.

201b. *Elementary Physical Chemistry* (second semester): Dr. Crenshaw.

Two lectures, five hours laboratory a week. Prerequisite: one year of school physics or the first semester of Physics 101.

202. *Organic Chemistry*: Dr. Gates, Dr. Berliner.

Three lectures, five hours laboratory.

301. *Advanced Physical Chemistry*: Dr. Crenshaw.

First semester: elementary thermodynamics. Second semester: chemical kinetics. Two lectures, eight hours laboratory. Prerequisite: Mathematics 101. Credit: 1½.

302. *Advanced Organic Chemistry*: Dr. Gates, Dr. Berliner.

Lectures: theories and fundamental principles of organic chemistry. Laboratory: (first semester) organic qualitative analysis; (second semester) advanced synthesis and organic quantitative analysis. Two lectures, eight hours laboratory. Credit: 1½.

303. *Advanced Inorganic Analysis*: Miss Lanman.

One lecture, eight hours laboratory. By special arrangement this course may be taken for one and a half credits.

FINAL EXAMINATION

The final examination consists of three parts:

1. General Chemistry (required of all students).
2. At least *one* examination from the following group:
 - a. Analytical Chemistry
 - b. Organic Chemistry
 - c. Physical Chemistry.
3. If only one examination is offered from Group 2, one of the following must be offered:
 - a. Laboratory examination
 - b. An examination in an allied subject.

HONORS WORK

Honors work may be taken in conjunction with any of the advanced courses or after their completion.

Classical Archæology

PROFESSORS:	RHYS CARPENTER, Ph.D., Litt.D. ¹ MARY HAMILTON SWINDLER, Ph.D., LL.D.
LECTURER:	Appointment to be announced.
CURATOR OF SLIDES AND PHOTOGRAPHS:	HENRIETTA HUFF LANDES, A.B.
ASSISTANT PROFESSOR OF ANTHROPOLOGY:	FREDERICA DE LAGUNA, Ph.D.

Students majoring in Classical Archæology are required to take the first year course, the second year courses 201a and 201b, and the advanced courses. Courses 202a, 202b, and 203 are electives.

Allied subjects: Ancient History, Greek, History of Art, Latin.

101. *Ancient Sculpture*: Dr. Swindler and instructor to be announced.
- 201a. *Egyptian and Mesopotamian Archæology*: Instructor to be announced.
- 201b. *Aegean Archæology*: Dr. Swindler.
- 202a.* *Ancient Italy*: Instructor to be announced.
- 202b.* *Cultural Geography of the Mediterranean*: Instructor to be announced.
- 301a. *Ancient Painting*: Dr. Swindler.
- 301b. *Ancient Architecture*: Instructor to be announced.
- 203.* *American Archæology*: Dr. F. de Laguna.

Anthropology 102 (see page 72) is recommended as a preliminary to this course.

FINAL EXAMINATION

The final examination for students majoring in classical archæology is in three parts:

1. Three examinations chosen by the student from the following group of four fields:

¹ Granted leave of absence for the year 1947-48.

- a. Greek Sculpture
 - b. Greek Vase-Painting
 - c. Ancient Architecture
 - d. Mediterranean Archæology.
2. Alternate: In lieu of the third examination in archæology from Group 1 students who have completed by the end of their junior year two units in Greek, Latin, or History of Art, may offer a field of these allied subjects.

HONORS WORK

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

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

1st Semester Courses.

Greek Sculpture: Instructor to be announced.

Vase Painting: Dr. Swindler.

Preparation for the final examination for Honors in Classical Archæology.

2nd Semester Courses.

Aegean Archæology: Dr. Swindler.

Greek and Roman Architecture: Instructor to be announced.

Preparation for the final examination for Honors in Classical Archæology through detailed problems in the reconstruction of classical buildings on excavated sites.

Economics and Politics.

PROFESSOR:	ROGER HEWES WELLS, Ph.D.
ASSOCIATE PROFESSOR:	MILDRED BENEDICT NORTHROP, Ph.D.
ASSISTANT PROFESSOR:	JOSHUA C. HUBBARD, Ph.D.
LECTURER:	Appointment to be announced
INSTRUCTOR:	PETER BACHRACH, M.A.
ASSISTANTS:	JOSEPHINE YAGER KING, M.A. KATHLEEN DOWNING, A.B.
ASSOCIATE PROFESSOR OF ENGLISH:	K. LAURENCE STAPLETON, A.B.
ASSOCIATE PROFESSOR OF MATHEMATICS:	MARGUERITE LEHR, Ph.D.
ASSOCIATE PROFESSOR OF PHILOSOPHY:	ISABEL STEARNS, Ph.D.

Students in this department may major in either Economics or Politics. Students majoring in Economics are required to take the first year course, two full second year courses, and the advanced course. They are urged to take Economics 213 (Statistics), which will count as part of their major work. They are normally expected to take some work in Politics as an allied subject. Students majoring in Politics are required to take the two first year half-unit courses, one second year course, and a third year course. They are normally expected to take some work in Economics as an allied subject.

Courses closely allied to major work in this Department are listed below. Other allied subjects: History, Mathematics, Philosophy, Psychology, Sociology and Anthropology.

ECONOMICS

101. *Introduction to Economics*: Dr. Hubbard.
 201. *Industrial Organization*: Dr. Northrop.
 202a. *Money and Banking*: Dr. Hubbard.
 202b. *Public Finance and Fiscal Policy*: Dr. Hubbard.
 203. *The Labor Movement and Labor Policy*: Instructor to be announced.
 213.* *Statistics*: Dr. Lehr.
 Three lectures, three hours of laboratory a week.
Economic and Social History: Dr. Manning, Dr. Robbins.
 See History 203, page 58.
Geography: Dr. Wyckoff.
 See Geology 305, page 54.
 301a. *Full Employment*: Dr. Northrop.
 301b. *International Economics*: Dr. Northrop.

POLITICS

- 111a. *American Government*: Mr. Bachrach.
 111b. *Foreign Governments*: Dr. Wells.
 211. *The Theory and Practice of Democracy*: Dr. Wells, Miss Stapleton, Dr. Stearns, Dr. Hubbard. (See Interdepartmental Course 201, page 75.)
 212a. *Comparative Government*: Dr. Wells.
 Political problems in the Near and Middle East, China and Japan.
 213b. *History of Western Political Thought*: Mr. Bachrach.
 214a. *Political Parties*: Dr. Wells.
 215. *International Law*: Instructor to be announced.
 311a. *American Foreign Policy*: Mr. Bachrach.
 311b. *International Organization*: Mr. Bachrach.
 312b. *Public Administration*: Dr. Wells.

FINAL EXAMINATION

The final examination for students majoring in Economics is in three parts:

1. An examination in general economic principles and problems.
2. An examination in Economic Theory.
3. An examination in one of the following:
 - a. Money and Banking, including Fiscal Policy
 - b. Industrial Organization
 - c. International Economics
 - d. The Business Cycle and Full Employment
 - e. Labor Economics including Wages and Wage Theory

The final examination for students majoring in Politics will consist of three three-hour papers each based upon a field of the major subject.

With the permission of the major and allied departments, one of the papers in Economics or in Politics may deal with an allied subject.

HONORS WORK

One unit of honors work may be taken by students recommended by the department.

Education

This Department is supported in part by funds from the Phebe Ann Thorne Endowment

PRESIDENT OF THE COLLEGE:

KATHARINE ELIZABETH MCBRIDE, Ph.D., LL.D., L.H.D.

ASSISTANT PROFESSOR:

RACHEL DUNAWAY COX, Ph.D.

ASSISTANT IN EDUCATIONAL SERVICE:

MYRTLE CORLISS NASH, M.A.

Instruction offered in Education is not organized on the scale of a regularly constituted department; there is no major work in the subject.

The Department of Education maintains a psychological and educational service, under the direction of Dr. Cox. This clinic serves school children of the vicinity and is called on by social agencies, physicians and psychiatrists. A separate building on the college grounds has been set aside for this work, with rooms equipped for the individual examination of pupils and for remedial teaching.

The Berkley Nursery School of Haverford, directed by Madeleine H. Appel and Amanda B. Stadie, is affiliated with Bryn Mawr College. It offers facilities for participation and observation to graduate and undergraduate students.

Courses 101b and 201a are accepted in partial fulfilment of State requirements for teachers.

[101b.* *Principles of Education*].

[201a.* *Educational Psychology*: Dr. Cox].

Prerequisite: Psychology 101.

202a.* *Child Psychology*: President McBride.

Prerequisite: Psychology 101.

English

PROFESSORS:

SAMUEL CLAGGETT CHEW, Ph.D.

STEPHEN JOSEPH HERBEN, Ph.D.

CORNELIA LYNDE MEIGS, A.B.

ASSOCIATE PROFESSORS:

ARTHUR COLBY SPRAGUE, Ph.D.

MARY KATHARINE WOODWORTH, Ph.D.

K. LAURENCE STAPLETON, A.B.

ASSISTANT PROFESSORS:

BETTINA LINN, M.A.

FREDERICK WAKEFIELD THON, M.F.A.

INSTRUCTORS:

EDITH FINCH, M.A.

MILDRED TONGE BROWN, Ph.D.

DOROTHY KOCH, Ph.D.

HELEN BACON, A.B.

Students majoring in English are expected to offer Greek or Latin for the required work in Literature, but in exceptional cases they may, with the approval of the department, substitute the course in Greek Literature in Translation. They must take English 101 unless they have obtained a grade of 80 or better in English 1 and have the recommendation of the department to enter a second year course. They must complete four second year and advanced courses in English Literature, of which at least one should be an advanced course. Students who wish to specialize in the field of Old and Middle English must take some courses in later periods, and those specializing in modern literature must take English 201 or, in exceptional cases, certain other courses approved by the department. Credit will not be given for a single semester's work in full-year courses unless the Dean of the College recommends, and the department approves, that an exception be made.

A student majoring in English is expected to take at least two courses in allied subjects: any other language or literature, History, History of Art, History of Religion, Music and Philosophy. Any second year or advanced writing course may be substituted for one unit of allied work.

COMPOSITION

1. *English Composition*: Dr. Woodworth, Miss Meigs, Miss Stapleton, Miss Linn, Mrs. Brown, Dr. Koch, Miss Bacon.

A study of the forms of composition based upon reading in modern prose and poetry. This course must be taken by all freshmen, unless excused by the Dean of Freshmen, and by transfer students who have not had a comparable course.

2. *English Speech*: Mr. Thon.

Training by means of voice-recordings, motion pictures, practice speaking, and individual conferences. This course carries no credit but must be taken by all freshmen and by transfer students who have not had a comparable course.

- 209 and 209c.* *Experimental Writing*: Instructor to be announced.
Practice in various forms of writing.

210. *Playwriting and Production*: Mr. Thon.

Each student writes during the year an adaptation, an original one-act play and a full-length play. Production of some of the plays and studio work in theatre art.

- 306 and 306c.* *Advanced Writing*: Miss Meigs.
Prerequisite: English 209c.

LANGUAGE

- 211b.* *History of the English Language*: Dr. Herben.

LITERATURE

101. *Survey of English Literature*: Dr. Herben.
From the beginnings to the middle of the Eighteenth Century.
Literary History of the Bible: Dr. Chew.
See History of Religion 103, page 61.
201. *English Literature of the Middle Ages*: Dr. Herben.
The emphasis is upon Chaucer and his contemporaries. Sufficient instruction is given in Middle English to enable the student to read ordinary texts.
- [202. *Shakespeare*: Dr. Sprague].
All the plays are read and one or two studied in detail.
203. *The Romantic Period*: Dr. Chew.
Attention is centered upon the poets.
- [204. *The Victorian Period*: Dr. Chew].
- [205. *Representative English Novelists*: Miss Linn].
Prerequisite: The reading of *two* novels by each of the following: Charlotte Bronte, Dickens, Thackeray, George Eliot, Meredith.
- [206a. *English Drama from the Restoration to Robertson*: Dr. Sprague].
- [206b. *Modern English Drama*: Dr. Sprague].
The drama from 1865 to the present day.
207. *English and American Literature of the Last Half-Century*: Dr. Woodworth.
Attention is paid to earlier movements but the emphasis is upon contemporary tendencies.
208. *American Literature*: Miss Meigs.
- [301. *Old English Literature*: Dr. Herben].
After some training in Old English grammar, selections from prose and poetry are read, followed by the *Beowulf*.
- 302a. *The Drama from the Beginnings to 1642*: Dr. Sprague.
303. *English Poetry from Spenser to Donne*: Dr. Sprague.
The principal poets studied are Spenser, Sidney, Daniel, Drayton, Shakespeare (the narrative poems and the sonnets), Ben Jonson, and Donne.
304. *The Seventeenth Century*: Miss Stapleton.
About a third of the time is devoted to Milton, and special attention is given to the influence of the political and scientific movements of the period.
- [305. *The Eighteenth Century*: Dr. Woodworth].
The Age of Pope and Swift; the Rise of the Novel; Dr. Johnson and his Circle.

FINAL EXAMINATION

The final examination for students majoring in English is in three parts:

1. Literary criticism and problems of style. Based upon the reading of certain works of fundamental importance. Each student is expected to draw illustrative material from the fields in which she has elected to work.
2. An examination covering three of the following fields:
 1. Old English
 2. Middle English
 3. The Drama to 1642
 4. Elizabethan Literature (non-dramatic)
 5. The Seventeenth Century
 6. The Eighteenth Century
 7. Romanticism
 8. Victorian Literature
 9. The Drama from 1660 to the Present Time
 10. English and American Literature, 1890-1939
 11. American Literature.
3. A more intensive examination on one other field in the above list.

For one of the fields of the second examination an examination in an allied subject may be substituted. This subject should be related to the field of English Literature which has been chosen for intensive study.

HONORS WORK

In the senior year honors work, consisting of independent reading, reports, and conferences, is offered to students of marked ability whose major subject is English.

French

PROFESSORS:	EUNICE MORGAN SCHENCK, Ph.D. ¹ MARGARET GILMAN, Ph.D.
NON-RESIDENT PROFESSOR:	GRACE FRANK, A.B.
ASSOCIATE PROFESSORS:	GERMAINE BRÉE, <i>Agrégée</i> BERTHE MARIE MARTI, Ph.D.
ASSISTANT PROFESSOR:	LOUIS PAMPLUME, <i>Agrégé</i>
INSTRUCTOR:	KERNAN B. WHITWORTH, M.A.

Students majoring in French are required to take the first and second year courses and two advanced literature courses.

Allied subjects: any other language or literature, History, History of Art, Music, Philosophy, Economics, Politics.

¹ Granted leave of absence for the first semester of the year 1947-48.

1. *Elementary French*: Mr. Whitworth.
2. *Intermediate French*: Miss Brée, Mr. Whitworth.
101. *French Literature from the Chanson de Roland to 1715*:
Practical Exercises in the French Language: Dr. Schenck,
Miss Brée, Mr. Pamplume, Mr. Whitworth.
201. *French Literature from 1715 to the Present Day*: Dr.
Gilman, Miss Brée.
- 202c. *Composition and Diction*: Dr. Marti.
- [301. *Introduction to Medieval French Literature and Philology*:
Dr. Marti].
302. *French Literature of the Sixteenth Century*: Mr. Pamplume.
- [303. *French Literature of the Seventeenth Century*: Miss Brée].
- [304. *The Modern French Novel*: Dr. Schenck].
305. *French Poetry from Baudelaire to the Present Day*: Dr.
Gilman.
- [306. *Modern French Drama*: Dr. Schenck].
- 307c. *Advanced Training in the French Language*: Mr. Pam-
plume, Mr. Whitworth

JUNIOR YEAR ABROAD

Students majoring in French may by a joint recommendation of the Dean of the College and the Department of French be allowed to spend their Junior year in Paris with the Smith College Junior Group, or in Geneva under the Delaware Foreign Study Plan.

FINAL EXAMINATION

The final examination is in three parts:

1. An oral examination to test the student's use of the French language.
2. A three-hour written examination on a period of French literature.
3. A three-hour written examination on the development of a literary genre through French literature.

HONORS WORK

On the recommendation of the department, students in their senior year will be admitted to honors work consisting of independent reading, reports and conferences.

Geology

PROFESSORS:	EDWARD H. WATSON, Ph.D. LINCOLN DRYDEN, Ph.D.
ASSOCIATE PROFESSOR:	DOROTHY WYCKOFF, Ph.D.
DEMONSTRATORS:	KATHARINE LUTZ, A.B. CYNTHIA ELIZABETH BOUDREAU, A.B.

Students majoring in Geology are required to take the first year course (101a and 101b), the two second year courses, and one advanced course.

Allied subjects: Biology, Chemistry, Physics, and, in special cases, other subjects.

101a. *Physical Geology*: Dr. Watson and demonstrators.

A study of the atmosphere, weathering, stream action, oceans, glaciers, earthquakes, and volcanoes, and of the structures to which they give rise. Three lectures, two afternoons of laboratory or field work a week.

101b. *Historical Geology*: Dr. Dryden and demonstrators.

The physical and biological development of the earth to the beginnings of historical times. Three lectures, two afternoons of laboratory or field work a week.

201. *Mineralogy*: Dr. Watson.

Crystallography, descriptive and determinative mineralogy, and elementary economic geology. Three lectures, two afternoons of laboratory or field work a week.

202. *Paleontology*: Dr. Dryden.

A systematic survey of animal phyla with special reference to their stratigraphic significance. Three lectures, one afternoon of laboratory a week.

301. *Structural and Field Geology*: Dr. Watson.

The origin and analysis of the structures of igneous, sedimentary, and metamorphic rocks, and geological surveying. Three lectures, two afternoons of field work or laboratory a week.

302. *Stratigraphy*: Dr. Dryden.

A survey of the stratigraphy of selected regions in Europe and North America, and study of special problems of correlation and interpretation. Three lectures, one afternoon of laboratory a week.

303. *Optical Mineralogy* (first semester) and *Petrology* (second semester). Dr. Wyckoff.

The optical properties of minerals and the use of the petrographic microscope. Discussion of the origin and differentiation of igneous rocks. Two lectures, about twelve hours of laboratory a week. Credit: 1½ units

304.* *Cartography*: Dr. Watson, Dr. Wyckoff.

Field surveying, drafting, photogrammetry, elementary geomorphology, and general cartography. Open to students without previous work in geology. Two lectures, two afternoons of laboratory a week.

[305. *Geography*: Dr. Wyckoff].

Discussion of geographic factors such as climate, soils, vegetation, land forms and mineral resources. General principles of economic and political geography. Three lectures, one afternoon of laboratory a week.

306. *The Development of Scientific Thought*: Dr. Wyckoff, Dr. Oppenheimer.

(See Interdepartmental Course 203, page 75.)

FINAL EXAMINATION

The final examination for students majoring in geology is in three parts:

1. An examination in general geology (required of all students).
2. An examination in *one* of the following fields:
 - a. Crystallography, crystal structure, crystal optics
 - b. Optical mineralogy, petrographic methods, petrology
 - c. Structural geology, field methods
 - d. Paleontology, stratigraphy, physiography
 - e. Crystallography and mineralogy.
3. *One* of the following:
 - a. An examination in a second field of geological study in Group 2
 - b. A general examination in an allied field approved by the department
 - c. A written report on the results of a special piece of field or laboratory work.

HONORS WORK

Honors work in any of the advanced fields is offered to any student who has completed the first two years in geology with distinction.

German

PROFESSORS:	MAX DIEZ, Ph.D. FRITZ MEZGER, Ph.D.
ASSOCIATE PROFESSOR:	MYRA RICHARDS JESSEN, Ph.D.
INSTRUCTORS:	MARTHA MEYSENBURG DIEZ, M.A. HILDE D. COHN, Ph.D.

Students majoring in German should take four courses above the elementary level: of these at least one should be advanced. To improve their command of spoken German a summer in Zurich or at the German School of Middlebury College is strongly recommended.

Allied subjects: History 101 (strongly recommended), 203, 204, 205, 301; any language or literature; History of Art 202, 203, 301; Music 101, 201, 301c; and Philosophy 201a and 301a.

1. *Elementary German (Reading only)*: Dr. Diez, Dr. Jessen, Mrs. Diez, Dr. Cohn.
2. *Elementary German (Reading and Speaking)*: Dr. and Mrs. Diez, Dr. Jessen.

Five class meetings a week. Credit: one and a half units.

101. *Studies in German History*: Dr. Cohn.

Training in spoken German, based on readings from German history, historical fiction, and drama.

102. *Introduction to German Literature*: Mrs. Diez.

201. *German Life in Town and Country*: Dr. Jessen.

Oral and written discussion of readings on German life.

202. *The Age of Goethe*: Dr. Diez.
 203. *Language and Civilization*: Dr. Mezger.

A selection from the following courses is offered each year according to the needs of the students.

301. *Advanced Training in Translation*: Dr. Diez.
 Written translation of difficult German prose and extemporaneous oral translation from and into German.
 302. *History of German Civilization*: Dr. Diez.
 303. *Classics of the Nineteenth Century*: Dr. Diez.
 304. *German Literature from 1850 to 1930*: Dr. Mezger.
 305. *Introduction to German Philology*: Dr. Mezger.
 a. *History of the German Language*, or
 b. *Old High German and Middle High German Literature*.
 306. *The German "Novelle"*: Dr. Jessen.
 307. *German Drama*: Dr. Jessen.

JUNIOR YEAR ABROAD

Students of unusual ability may be recommended for the Junior Year in Zurich under the direction of the American Council on College Study in Switzerland.

FINAL EXAMINATION

The final examination for students majoring in German consists of three papers:

1. An examination in German on the literature and civilization of Germany.
2. One of the following:
 - a. History of the German Language
 - b. The German Drama
 - c. German Poetry
 - d. The German Novel
 - e. European History
 - f. History of German Art
 - g. History of German Music
3. One of the following:
 - a. Middle High German Literature
 - b. The Classical Period 1750-1805
 - c. German Romanticism from Novalis to Nietzsche
 - d. The Age of Realism 1830-1885
 - e. The Modern Period 1885-1930.
 - f. An allied subject if none has been offered under Group 2
 - g. Honors students may substitute a long report for this part of the examination.

HONORS WORK

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

Greek

ASSOCIATE PROFESSOR:	RICHMOND LATTIMORE, Ph.D.
ASSISTANT PROFESSOR:	MABEL LOUISE LANG, Ph.D. ¹
LECTURER:	Appointment to be announced.
INSTRUCTOR:	HELEN HAZARD BACON, A.B.

PROFESSOR OF

CLASSICAL ARCHÆOLOGY: RHYS CARPENTER, Ph.D., Litt.D.¹

Students majoring in Greek are required to take Elementary Greek, the first year course, the second year course, and one advanced course, to be decided in consultation with the department.

Allied subjects: Ancient History, Archæology, any language, Philosophy.

1. *Elementary Greek*: Miss Bacon.
101. *Plato* (first semester); *Greek Tragedy* (second semester):
Lecturer to be announced.
Private reading and prose composition are required.
- 102c. *Homer*: Dr. Lattimore.
Offered for students who have begun Greek in college and for those who do not offer Homer for entrance.
201. *Demosthenes, Thucydides* (first semester); *Greek Tragedy* (second semester): Dr. Lattimore.
Private reading and prose composition are required.
- 202c. *Herodotus* (first semester); *Plato* (second semester): Miss Bacon.
301. *Attic Tragedy, Attic Orators, Historians, Plato, Pindar, Melic Poets, Homer*: Dr. Lattimore, lecturer to be announced.
The student selects her work from these fields and authors in consultation with the department.
- 203.* *Greek Literature in Translation*: Dr. Lattimore, lecturer to be announced.

FINAL EXAMINATION

The final examination for students majoring in Greek consists of:

1. Sight Translation of Greek to English.
2. Two papers from the following fields: Homer, Attic Tragedy, Lyric Poetry and Aristophanes, Fifth-century Historians, Fourth-century Attic Prose.

HONORS WORK

Honors may be taken either in conjunction with advanced courses or after their completion.

¹ Granted leave of absence for 1947-48.

History

PROFESSOR:	HELEN TAFT MANNING, Ph.D., LL.D. ¹
PROFESSOR OF LATIN:	THOMAS ROBERT SHANNON BROUGHTON, Ph.D.
ASSOCIATE PROFESSORS:	CAROLINE ROBBINS, Ph.D. JOHN CHESTER MILLER, Ph.D. FELIX GILBERT, Ph.D.
ASSISTANT PROFESSOR:	GEORGE P. CUTTINO, D.Phil. ¹
INSTRUCTOR:	JOANNE LOEWE COATES, A.B. ²

Students majoring in history must take the first year course unless they have entered college with satisfactory preparation in the field of European history. Any substitution must be approved by the department. They must take two second year courses and one advanced course.

Allied work: students interested in modern European or American history are advised to take courses in economics or politics as allied work. Students interested in medieval history are advised to take courses in history of art or Latin, especially medieval Latin. Students interested in ancient history are advised to take courses in the ancient languages, classical archæology or philosophy. English, French, and German literature and the course in anthropology are also accepted as allied work with the consent of the Department.

101. *Medieval and Modern Europe*: Dr. Robbins, Dr. Gilbert, Mrs. Coates.

201. *History of England to 1783*: Dr. Robbins.

202. *History of the United States 1760-1943*: Dr. Miller.

[203. *Economic and Social History*: Dr. Manning, Dr. Robbins].

Among the topics studied will be: movements of peoples; minorities; development and nature of primitive, nomad, manorial and modern agriculture; trade routes, markets and fairs; changing classes of society; the factory; joint stock and international companies; imperial, fascist and other economic policies; the development of money and banking.

[204a. *Medieval Civilization*: Dr. Cuttino].

A survey of western European history from the fifth to the twelfth century. Among the topics covered will be: decline of the ancient world; the barbarians; the early church; the Byzantine empire; the Arab empire; the West after Justinian; the Carolingian empire and renaissance; feudalism; the revival of western civilization; the crusades.

[204b. *History of the Renaissance*: Dr. Cuttino].

A survey of western European history from the twelfth century to the age of the discoveries. Among the topics covered will be: the growth of western monarchies; the twelfth-century reformation and renaissance; the new secularism; Dante; the later middle ages; the Italian Renaissance to 1517.

¹ Granted leave of absence for 1947-48.

² M.A. to be conferred June 1947.

- 205a. *Intellectual History of Europe from the Renaissance to the Enlightenment*: Dr. Gilbert.
- 205b. *Revolutionary Europe 1787-1848*: Instructor to be announced.
- 207.* *Civilization of the Ancient World*: Dr. Broughton.
- [208. *History of Russia*: Dr. Gilbert].
Semester one deals with the Russia of Tsarism, the second semester with Soviet Russia.
301. *History of Europe since 1890*: Dr. Gilbert.
- 302a. *Rise of the Americas*: Dr. Miller.
The French, Spanish, and British colonial empires; the revolutionary movements and the development of the Latin-American states to the present day.
- [303a. *Social and Intellectual History of the United States*: Dr. Miller].
- 304a. *English History in the Nineteenth Century*: Mrs. Coates.

FINAL EXAMINATION

The final examination for students majoring in history is three three-hour papers written on three of the following fields, one of which must be on the History of the Continent of Europe:

1. Ancient History.
2. History of the Continent of Europe from 378 to 1618.
3. History of the Continent of Europe from 1618 to the Present.
4. History of England to 1603.
5. History of England from 1603 to the Present, including the History of the British Empire.
6. History of the United States.
7. History of Russia.

With the consent of the departments concerned, a student may write one of her three papers in a field of allied work.

In the case of a student who has completed the course work in English or American history, and has devoted a part of her time in her senior year to the study of source material and bibliography for a special period such as that of the American Civil War or the Puritan Revolution, one examination will be limited in scope and intensive in character. A similar examination will be set for students of Ancient or Medieval History where there is need for it.

HONORS WORK

Students admitted to this work meet the instructor each week for the discussion of reading in a selected period. An essay based on source material must be presented before May 1st. The award of the degree with distinction in history will depend on the character of this honors paper and on the candidate's performance in the final examination.

History of Art

ASSOCIATE

PROFESSORS:

JOSEPH C. SLOANE, JR., M.F.A.
ALEXANDER COBURN SOPER, III, M.F.A., Ph.D.
RICHARD BERNHEIMER, Ph.D.

READER:

BARBARA CRAWFORD, A.B.

CURATOR OF SLIDES

AND PHOTOGRAPHS: HENRIETTA HUFF LANDES, A.B.

Students majoring in the history of art are required to take four full courses (or the equivalent): the first year course, one of the second year courses, and two other courses, one of which shall be considered as an advanced course.

Allied subjects: Classical Archæology, English, French, German, History, Music, Philosophy.

All courses are illustrated with lantern slides and a large collection of photographs is available for study.

In cooperation with the department, the Undergraduate Art Club offers studio practice and instruction in creative art. The studio is open to all interested students several afternoons a week throughout the year. There is no tuition fee and academic credit is not granted for this work.

101. *An Introduction to the History of Art:* Dr. Bernheimer, Mr. Sloane.

A philosophical, technical and historical introduction to the field of the fine arts. Laboratory work in basic principles of design, color, and technique will be required in conjunction with the lectures. Three lectures, one hour of conference and two hours of laboratory each week.

201a. *Italian Art:* Mr. Sloane.

From the fifteenth to the later sixteenth century.

202b. *Art of the Northern Renaissance:* Dr. Bernheimer.

Painting, sculpture, and the graphic arts north of the Alps from 1400 to the later sixteenth century.

203. *Medieval Art:* Dr. Soper, Dr. Bernheimer.

From the beginnings of Christian art to the International Style around 1400.

301. *Baroque and Rococo Art:* Dr. Bernheimer, Mr. Sloane.

The arts of Europe from the late sixteenth century to the French Revolution.

302.* *Art of the Far East:* Dr. Soper.

Chinese and Japanese art from the earliest dynasties to the present including a survey of Indian art as an introduction to Buddhism in the Far East.

303.* *Modern Art:* Mr. Sloane, Dr. Soper.

The arts in Europe and the Americas from the French Revolution to the present including the minor arts and photography.

FINAL EXAMINATION

The final examination for students majoring in the history of art consists of three parts of three hours each:

1. An examination conducted with slides and/or photographs testing the student's ability to identify important monuments and to analyze stylistic and iconographic elements within the field of major concentration.
2. A written examination on fundamental problems of style, evolution and cultural relationships in art. This examination will be based primarily on the first year introductory course.
3. A detailed examination on *one* of the following fields chosen from the broader field of major concentration:
 - a. Early Medieval Art
 - b. Gothic Art
 - c. Art of the Northern Renaissance
 - d. Italian Art after 1300
 - e. Art of the Seventeenth and Eighteenth Centuries
 - f. Modern Art (after 1800).

HONORS WORK

Honors work is offered to students recommended by the department.

History of Religion

PROFESSOR OF ENGLISH LITERATURE: SAMUEL CLAGGETT CHEW, Ph.D.
 ASSOCIATE PROFESSOR OF LATIN: AGNES KIRSOPP MICHELS, Ph.D.

Instruction offered in the History of Religion and in Biblical Literature is not organized on the scale of a regularly constituted department; there is no major work in either subject.

101c.* *The Rise of Judaism and Early Christianity*: Dr. A. K. Michels.

The reading is taken, as far as possible, from the original sources.

[102c.* *Christianity in the Roman Empire*: Dr. A. K. Michels].

The reading is taken, as far as possible, from the original sources.

103.* *Literary History of the Bible*: Dr. Chew.

The English Bible from the point of view of origins and literary forms.

Italian

ASSOCIATE PROFESSOR: ANGELINE HELEN LOGRASSO, Ph.D.

Students majoring in Italian are required to take the first year course in the Italian language, the two second year courses, the advanced course in Dante, and one other advanced course.

Allied subjects: History, History of Art, Philosophy, any other language or literature; certain courses in other fields with departmental approval.

Attention is called to two elective half-courses in Italian literature in English translation for students who have no knowledge of Italian. By special arrangement they may be expanded into full courses. For the required reports in these courses students may choose topics related to their major subject.

101. *Italian Language*: Dr. Lograsso.

A practical knowledge of the language is acquired through speaking, hearing, writing, and reading, going from concrete situations to the expression of abstract ideas and with a gradual introduction to the reading of contemporary texts. A modified Army method is used.

102c.* *Dante in English Translation*: Dr. Lograsso.

The New Life and Divine Comedy.

[103c.* *Literature of the Italian Renaissance in English Translation*: Dr. Lograsso].

From Petrarch to Tasso; pastoral literature; literary criticism and aesthetic theories of the Renaissance with special reference to their influence on other literatures.

201. *Classics in Italian Literature*: Dr. Lograsso.

Reading and explanation of texts, with a study of literary history; conducted mostly in Italian.

[202c. *Intermediate Course in the Italian Language*: Dr. Lograsso].

Topics are assigned for composition and discussion in Italian.

301. *Dante*: Dr. Lograsso.

The *Vita Nuova* and *Divina Commedia*, with some attention to the minor works.

[302c. *The Italian Language*: Dr. Lograsso].

Advanced work in composition.

[303. *Italian Literature of the Rinascimento*: Dr. Lograsso].

[304. *Italian Literature of the Romantic Period*: Dr. Lograsso].

JUNIOR YEAR ABROAD

Students approved by the Department and the Dean of the College may be recommended for the Junior year in Perugia and Florence under the auspices of the Smith College Group.

FINAL EXAMINATION

The final examination consists of three parts:

1. The Italian Language: ability to speak and understand the spoken idiom; ability to write it.
2. Italian Literature and Literary History.
3. The study of a single genre or topic throughout Italian literature, or a paper on an allied subject.

For the second part the emphasis may be placed on the Medieval, Renaissance, Romantic, or Modern period.

HONORS WORK

After the completion of the second year course a student may be recommended for honors in Italian. The student works in a special field adapted to her own interest under the direction of the department.

Latin

PROFESSORS:	LILY ROSS TAYLOR, Ph.D., Litt.D. THOMAS ROBERT SHANNON BROUGHTON, Ph.D.
ASSOCIATE PROFESSORS:	BERTHE MARIE MARTI, Ph.D. AGNES KIRSOPP MICHELS, Ph.D.

Students majoring in Latin are required to take a first year course in Latin literature (101 or 102), the second year course in Latin literature of the Empire, and one unit of advanced work.

Allied subjects: Ancient, Medieval, and Renaissance History, Classical Archæology, Greek, History of Religion, Philosophy, any modern language or literature.

101. *Latin Literature*: Dr. Taylor, Dr. Michels.

Latin literature of the Republic and of the Augustan Age. Brief selections from several authors and a more detailed study of one play of Plautus, the shorter poems of Catullus, a book of Livy, Vergil's *Eclogues*, and Horace's *Odes* and *Epodes*.

102. *Latin Literature*: Dr. Marti, Dr. Michels.

This course is intended for students who have offered only three units of Latin for entrance. Selections *either* from Vergil's *Æneid* or from prose authors, such as Cicero, Livy, and Pliny (according to the preparation of the students), and the shorter poems of Catullus, Vergil's *Eclogues*, and Horace's *Odes* and *Epodes*.

201. *Latin Literature of the Empire*: Dr. Broughton, Dr. Marti.

The development of Latin literature from the Augustan Age to the time of Marcus Aurelius. Selections from various writers including Horace's *Satires* and *Epistles*, the elegiac poets, Seneca, Petronius, Tacitus, Pliny, Martial, Juvenal, and Apuleius.

202c. *Latin Prose Style*: Dr. Broughton, Dr. Michels.

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

203c. *Medieval Latin Literature*: Dr. Marti.

Latin Literature from the fourth to the fourteenth century with special emphasis upon the development of the chief literary *genres*. The reading includes selections from the most important medieval Latin writers.

[301a. *Vergil's Georgics and Aeneid*: Dr. Michels].

[301b. *Livy's History and Tacitus's Annals*: Dr. Broughton].

302a. *Lucretius and Catullus*: Dr. Taylor.

The *De Rerum Natura* of Lucretius and the longer poems of Catullus.

302b. *Cicero and Cæsar*: Dr. Broughton.

Extensive selections from Cicero's *Orations* and *Letters* and from Cæsar's *Commentaries*. Chief emphasis is placed on the social and political history of the period.

FINAL EXAMINATION

The final examination for students majoring in Latin consists of three three-hour papers in the following fields:

1. Latin Sight Translation.
2. An examination on one of the following subjects:
 - a. Roman Literature of the Republic
 - b. Roman Literature of the Empire
 - c. Roman Literature of the Ciceronian and Augustan Age
 - d. Roman History from the Sources (100 B.C. to 70 A.D.)
3. An examination on one of the following subjects:
 - a. A second subject from Group 2 (choice must avoid duplication of material)
 - b. Latin Prose Style
 - c. Medieval Latin Literature
 - d. An allied subject. (Students are advised if possible to take the third paper in Greek.)

HONORS WORK

Seniors who have completed 201 and include 202c in their major course of study will be admitted to honors work on the recommendation of the department. It is also desirable for students to complete one advanced course before entering upon honors work.

Mathematics

PROFESSOR:	ANNA PELL WHEELER, Ph.D., Sc.D.
ASSOCIATE PROFESSORS:	MARGUERITE LEHR, Ph.D. JOHN CORNING OXTOBY, M.A.
ASSISTANT PROFESSOR:	EDWIN HEWITT, Ph.D.
READER:	JOSEPHINE CARR, A.B.

Students majoring in Mathematics are required to take Mathematics 101, 201, 202c, and two advanced courses.

Allied subjects: Chemistry, Economics, Philosophy, Physics, Psychology.

101a. *Plane Analytic Geometry*: Dr. Lehr, Mr. Oxtoby, Dr. Hewitt.

The course includes the necessary topics in Trigonometry.

101b. *Differential Calculus*: Dr. Lehr, Mr. Oxtoby, Dr. Hewitt.

201. *Second Year Calculus*: Dr. Lehr, Mr. Oxtoby.

Integral Calculus, Infinite Series, Differential Equations.

202c. *Theory of Equations, Solid Analytic Geometry:* Dr. Lehr, Mr. Oxtoby, Dr. Hewitt.

203c. *Theory of Probability and Statistics:* Dr. Lehr.

A selection from the following courses is offered each year according to the needs of the students:

301. *Advanced Calculus:* Dr. Wheeler, Mr. Oxtoby.
Prerequisite: Mathematics 201.

302, 302a or b. *Advanced Geometry:* Dr. Lehr.
Prerequisite: Mathematics 202c.

303a or b. *Advanced Algebra:* Dr. Lehr, Mr. Oxtoby, Dr. Hewitt.
Prerequisite: Mathematics 202c.

310. *Theory of Functions of a Complex Variable:* Dr. Wheeler, Mr. Oxtoby.
Prerequisite: Mathematics 301.

311b. *Differential Equations:* Dr. Wheeler, Mr. Oxtoby.
Prerequisite: Mathematics 301 (may be taken concurrently).

FINAL EXAMINATION

The final examination for students majoring in mathematics consists of three parts:

1. An examination in analysis.
2. An examination in geometry.
3. One of the following:
 - a. An examination in algebra, in applied mathematics, or in some particular branch of advanced analysis or advanced geometry
 - b. An examination in an allied field approved by the department
 - c. A written report based on intensive study of one of the subjects listed in group (a).

HONORS WORK

Honors work is offered in this department to qualified students.

Music

PROFESSOR:	HORACE ALWYNE, F.R.M.C.M.
ASSISTANT PROFESSOR:	LORNA COOKE DE VARON, A.M.
READER:	ELIZABETH BOOTH, A.B.
LEADER OF ORCHESTRA AND ENSEMBLE GROUPS:	Appointment to be announced.

The courses in Music are all free electives. They are so arranged that a student may pursue the subject during the four years of college.

Students in the courses in History and Appreciation of Music must devote two hours or more a week to listening to gramophone records assigned by the department.

The College Chorus of eighty members, which also takes part in the College Services, and the ensemble groups are organized under the direction of the Department of Music. On several occasions during the year the chorus of Bryn Mawr College and the choruses of various men's colleges, as well as the instrumental groups of Bryn Mawr College and Haverford College collaborate in performances of special works.

101.* *History and Appreciation of Music*: Mr. Alwyne.

A comprehensive survey from the period of early Plain-chant to the end of the nineteenth century, with special emphasis on the technique of intelligent listening.

201.* *Advanced History and Appreciation of Music*: Mr. Alwyne.

A more amplified and intensive study of nineteenth century music. The Symphonic Poem, Art-Song and Music-Drama. Expansion of orchestral and pianoforte technique; development of symphonic and chamber-music forms; growth of Nationalism.

Prerequisite: Music 101 or its equivalent.

301c.* *Third Year History and Appreciation of Music*: Mr. Alwyne.

The development of Opera and Music-Drama. The trends of Modern Music and significant representative works.

Prerequisites: Music 101 and 201 or their equivalents.

102.* *Elementary Harmony*: Mrs. de Varon.

Study of melody and harmony of Classic and Romantic periods. Extensive ear-training in scales, keys, melodies, intervals and rhythm. Writing of simple four-part harmonic progressions through the dominant seventh. Analysis of folk tunes, chorales and simple piano pieces.

Prerequisite: Ability to sing simple melodies at sight.

202.* *Advanced Harmony*: Mrs. de Varon.

Continuation from 102c. Late Romantic and Modern harmonic relations. Writing for strings. Analysis. Original work.

Prerequisite: Music 102 or its equivalent.

203c.* *Elementary Counterpoint*: Mrs. de Varon.

Sixteenth Century Counterpoint. Writing from one to four voices and study of choral works of that period.

Prerequisite: Music 102.

302c.* *Advanced Counterpoint*: Mrs. de Varon.

Fugue in the Bach pattern. Writing and study of the history of different forms of Fugue style.

Prerequisite: Music 102 and 203c.

Philosophy

PROFESSOR:	MILTON CHARLES NAHM, B.Litt., Ph.D.
ASSOCIATE PROFESSOR:	ISABEL SCRIBNER STEARNS, Ph.D.
ASSISTANT PROFESSOR:	RICHARD M. MARTIN, Ph.D.
VISITING PROFESSOR:	ERICH FRANK, Ph.D.

Students majoring in Philosophy are required to take the first year course, the second year half-courses in German Idealism, Logic, Ethics, and Recent Philosophy, and one advanced course. With permission, students may take second-year courses for third-year credit.

Allied subjects: Biology, Economics and Politics, English, Greek, History, Latin, Mathematics, Physics, Psychology, and certain courses in History of Religion and Social Economy.

101. *History of Philosophic Thought*: Dr. Nahm, Dr. Stearns, Dr. Frank, Dr. Martin.

Some writings of the major philosophers, classic and modern, are studied and discussed.

201a. *German Idealism*: Dr. Stearns.

The philosophy of Kant.

202a. *Logic*: Dr. Martin.

An introduction to modern logic.

202b. *Ethics*: Dr. Nahm.

The theory and problems of various types of ethics.

203b. *Philosophy and Religion*: Dr. Frank.

A study of Religion and its relation to Philosophy.

301a. *Aesthetics*: Dr. Nahm.

Types of aesthetic theory and problems of aesthetic experience.

301b. *Naturalism and Empiricism*: Dr. Martin.

Selected readings from authors in the naturalistic tradition.

or

Logical Foundation of Mathematics.

Systematic study of some one formal logistic system or of certain problems in theoretical semantics.

302a. *Aristotle*: Dr. Frank.

A study of Aristotle's principal ideas and their importance for the history of thought.

302b. *Recent Philosophy*: Dr. Stearns.

The philosophies of Dewey, Whitehead, and related thinkers.

FINAL EXAMINATION

The final examination consists of three papers divided into the following groups, offering a wide choice of questions:

1. Ancient Philosophy.
2. Modern Philosophy.
3. Systematic Philosophy.

For the first two papers, selected texts of a limited number of important philosophical writers are studied. The historical relations of systems of philosophy are traced with some announced

theme as a point of departure. For the third paper an important modern philosopher is studied with special emphasis on the interrelations of metaphysical, ethical, etc., problems in his system.

HONORS WORK

Honors 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 field in which the student is working.

Physics

PROFESSOR:	WALTER C. MICHELS, Ph.D.
ASSOCIATE PROFESSOR:	ARTHUR LINDO PATTERSON, Ph.D.
DEMONSTRATOR:	MARY LOU BEIDLER, A.B.

Appointments to be announced.

Students majoring in Physics are required to take the first year course; the second year course; and at least one and one-half units of advanced work, to be chosen from courses 301-305 inclusive. They must also take first and second year work in mathematics, and if possible one advanced course in mathematics.

Several Elective Courses, not usually required of majors, are given only when requested.

Allied subjects: Chemistry, Mathematics.

101. *Introduction to Modern Physics*: Dr. Michels and Dr. Patterson.

Three lectures, four hours laboratory a week.

206. *Mechanics and Heat*: Dr. Patterson and Dr. Michels.

Three lectures, four hours laboratory a week. Prerequisites: Physics 101, Mathematics 101, Mathematics 201 (may be taken concurrently).

[251c.* *Meteorology*: Dr. Michels].

Four hours lectures and laboratory a week. Prerequisite: Physics 101 or Mathematics 101.

[252c.* *Astronomy*: Dr. Michels].

Prerequisite: Physics 101, or first and second year work in any natural science or mathematics.

Two lectures, one evening of laboratory a week.

301. *Electricity and Magnetism*: Instructor to be announced.

Three lectures, four hours laboratory a week. Prerequisites: Physics 101, 201 or 202, 203, 204, 205 and Mathematics 101, 201.

303. *Introduction to Experimental Physics*: Dr. Patterson.

Three lectures, four hours laboratory a week. Prerequisites: Physics 206 and Mathematics 201 (either may be taken concurrently).

[304. *Introduction to Mathematical Physics*: Dr. Michels or Dr. Patterson].

Four lectures a week. Prerequisites: Physics 206, Mathematics 201, and Physics 303 (may be taken concurrently).

305. *Physical Measurements*: Dr. Michels and Dr. Patterson.

Four hours laboratory a week. Prerequisites: Physics 303 or Physics 304 (either may be taken concurrently).

351.* *Application of Physics to Biology and Chemistry*: Dr. Patterson.

Three lectures, four hours laboratory a week. Prerequisites: Physics 101 and Mathematics 101 and second year work in either Chemistry or Biology.

FINAL EXAMINATION

The final examination for students majoring in physics is in three parts:

1. Foundation of Physical Theory (required of all students).
2. Descriptive Physics (required of all students).
3. An examination in one of the following fields:
 - a. Electricity and Magnetism
 - b. Optics
 - c. Thermodynamics
 - d. Statistical Mechanics
 - e. Thermodynamics and Statistical Mechanics
 - f. Mathematical Physics.

HONORS WORK

Honors work may be taken by seniors recommended by the department. It consists of reading and experimental work on some problem of physics.

Psychology

PROFESSOR:

HARRY HELSON, Ph.D.

ASSISTANT PROFESSOR:

RACHEL DUNAWAY COX, Ph.D.

Appointments to be announced.

Students majoring in Psychology are required to take the first year course, all the second year courses, and of the advanced courses, either Psychology 301 or Psychology 302a and 302b.

Allied subjects: Anthropology, Biology, Mathematics, Physics, Sociology, and Statistics.

101. *General Psychology*: Dr. Helson and instructors to be announced.

A systematic survey of the basic facts and principles in the various fields of psychology. Three lectures, two hours laboratory a week.

201a. *Experimental Psychology*: Dr. Helson and instructor to be announced.

- A survey of the psychological processes (sensation, perception, attention) which have lent themselves most readily to experimental methods. Three lectures, three hours laboratory a week
- 202b. *Mental Tests and Measurements*: Dr. Cox.
Construction, use, and interpretation of psychological tests
Three lectures, two hours laboratory a week.
- 203a. *Comparative Psychology*: Instructor to be announced.
A comparative study of the behavior of animals and men
Three lectures a week.
- 204b. *Social Psychology*: Instructor to be announced.
A study of the psychological determinants of social behavior
The laboratory offers training in the experimental investigation of group phenomena and in the measurement of attitudes, public opinion, etc. Three lectures, three hours laboratory a week.
301. *Advanced Experimental Psychology*: Dr. Helson.
About six weeks are devoted to a consideration of psychophysical and statistical methods, after which the student's time is given to experimental work on a selected problem. Students must obtain the consent of the instructor before registering for this course.
- 302a. *Clinical and Experimental Psychopathology*: Instructor to be announced.
The psychodynamics of abnormal behavior, clinical types, methods of investigation, and principles of psychotherapy; laboratory training in the experimental investigation of psychodynamic processes. The clinic is conducted by Dr. Edward A. Strecker, Professor of Psychiatry, School of Medicine, University of Pennsylvania.
In special cases with the consent of the instructor this course may be taken by those who have completed only the first year work.
- 302b. *Psychology of Personality*: Instructor to be announced.
The study of the problems of development and organization of personality. Prerequisites: 101, 204b, 302a.

FINAL EXAMINATION

The final examination for students majoring in psychology is in three parts:

1. General Psychology covering the first two years (required of all students).
2. An examination in *one* of the following fields of psychological study:
 - a. Abnormal Psychology
 - b. Comparative Psychology
 - c. Experimental Psychology
 - d. Mental Tests and Measurements
 - e. Social Psychology.

3. An examination in one of the following subjects:
 - a. A second field under Group 2
 - b. A written report on the results of a special investigation in experimental psychology
 - c. An examination in a field of psychology not in Group 2 and approved by the department.

HONORS WORK

One unit of honors work may be taken by students recommended by the department.

Russian

ASSISTANT PROFESSOR: FRANCES DE GRAAFF, Ph.D.
 ASSISTANT PROFESSOR OF ENGLISH: BETTINA LINN, M.A.

- 1.* *Elementary Russian*: Dr. de Graaff.
- 2.* *Intermediate Russian*: Dr. de Graaff.

Composition and conversation; reading in Russian classics and contemporary material. Prerequisite: Elementary Russian.

201.* *Russian Literature in Translation*: Miss Linn.

The leading Russian writers of the 19th century in translation. Students registering for the course should read in the preceding summer the following novels: Dostoevsky's *Crime and Punishment*, Tolstoi's *War and Peace*, and two of Turgenev's novels.

Sociology and Social Economy

The Carola Woerishoffer Department
 of
Social Economy and Social Research

ASSOCIATE PROFESSOR: HERTHA KRAUS, Ph.D.
 ASSISTANT PROFESSOR OF ANTHROPOLOGY: FREDERICA DE LAGUNA, Ph.D.
 LECTURER: MAXINE S. WOOLSTON, Ph.D.

Appointments to be announced.

ASSOCIATE PROFESSOR OF MATHEMATICS: MARGUERITE LEHR, Ph.D.

Students majoring in Sociology are required to take the first year course, two full second year courses, and the advanced course. One course in Anthropology or in Statistics or in Labor may be substituted for one of the second year requirements.

Allied subjects: Anthropology, Economics, History, Philosophy, Politics, Psychology.

102.* *Cultural Anthropology*: Dr. de Laguna.

201a. *Cultural Groupings in the United States*: Instructor to be announced.

- 201b. *The Family*: Instructor to be announced.
 202a. *Principles of Social Welfare*: Dr. Kraus.
 202b. *Child Welfare Services*: Dr. Kraus.
 205.* *Ethnology*: Dr. de Laguna.
 210a. *Rural Sociology*: Instructor to be announced.
 210b. *Urban Sociology*: Dr. Woolston.
Statistics: Dr. Lehr.
 See Economics 213, page 48.
The Labor Movement and Labor Policy: Instructor to be announced.
 See Economics 203, page 48.
 301.* *American Archaeology*: Dr. de Laguna.
 310. *Social Theory*: Instructor to be announced.

FINAL EXAMINATION

The final examination for students majoring in Sociology is in three parts:

1. An examination in the Principles of Sociology.
2. An examination in Social Theory.
3. An examination in one of the following:
 - a. Social Institutions, including the Family
 - b. Social Welfare
 - c. Rural and Urban Sociology, including Culture Groupings in the United States
 - d. Anthropology, including Ethnology

HONORS WORK

Honors work may be taken in Sociology or in Anthropology by students recommended by the Department.

Spanish

PROFESSOR: JOSEPH E. GILLET, Ph.D.
 DEAN OF THE COLLEGE: DOROTHY NICOLE NEPPER, Ph.D.
 Appointments to be announced.

Students majoring in Spanish are required to take the first year course, at least one of the full second year courses, and the two advanced courses (one of which must be taken in the junior year).

Allied subjects: any other language or literature, Economics and Politics, History, History of Art, Music, Philosophy, and Sociology and Social Economy.

1. *Elementary Spanish*: Dr. Gillet.

Spanish grammar, composition and conversation; reading on the Spanish and Spanish-American background.

2. *Elementary Spanish*: Instructor to be announced.

A five-hour course, including two hours of intensive practice in sight translation and rapid reading. One credit and a half.

3. *Intermediate Spanish*: Instructor to be announced.
Intensive grammar review and exercises in composition and conversation.
101. *Spanish and Spanish-American Classics*: Instructor to be announced.
Intensive reading of Spanish and Spanish-American classics, chiefly of the modern period; special discussions and reports. Prerequisite: Spanish 1, or three years of Spanish in a preparatory school.
- 102c. *Intermediate Spanish Composition*: Instructor to be announced.
Modern Spanish syntax, phonetic exercises, and practice in spoken Spanish.
201. *Spanish-American Literature*: Dr. Nepper.
The development of Spanish-American literature from its beginnings. Collateral reading and reports.
- 202c. *Advanced Composition*: Instructor to be announced.
Readings in Cervantes and the dramatists of the Golden Age with intensive practice in writing.
- [203. *The Spanish Novel*: Dr. Nepper].
The history of the novel in Spain from the beginnings to the present day. Collateral reading and reports.
301. *History of Spanish Literature from the Renaissance to Romanticism*: Dr. Gillet.
Collateral reading and reports.
- [302. *History of Spanish Literature from Romanticism to the Present Day*: Dr. Gillet].
Collateral reading and reports.

JUNIOR YEAR ABROAD

Students who major in Spanish may be recommended by the Department for the Junior Year in Mexico under the direction of Smith College.

FINAL EXAMINATION

The final examination for students majoring in Spanish consists of three parts:

1. An oral examination consisting of the explanation and interpretation of a Spanish text in Spanish.
2. A three-hour written examination in Spanish on a period in Spanish literature, such as the Renaissance, Romanticism, or on Spanish-American literature.
3. A three-hour written examination in Spanish on the development of a literary genre, such as the drama, the novel, the lyric, through Spanish literature or a similar examination on an allied subject related to the student's Spanish field.

HONORS WORK

Honors work is offered to students recommended by the department.

Interdepartmental Courses

The following courses are given by several departments in co-operation. The object is to cut across well defined areas of knowledge and to show the relationships existing among them.

101. *The Theory and Practice of Democracy*: Dr. Wells, Miss Stapleton, Dr. Stearns, Dr. Hubbard.

The fundamental concepts of democracy and their expression in governmental institutions; their relationship to contemporary political problems. Open to juniors and seniors who have taken Philosophy 101 or Economics 101 or Politics 111a and b, and to other students with the permission of the instructors. (This course is also listed as Politics 211.)

[102. *Aspects of Eighteenth Century Life and Thought*: Dr. Manning, Dr. Northrop, Miss Stapleton].

203. *The Development of Scientific Thought*: Dr. Wyckoff, Dr. Oppenheimer.

The study of the development of scientific ideas and techniques in chronological sequence, and their origins, interrelationships, and impact on other intellectual activities of various periods. Open to students who have had one year of laboratory science in college. (This course is also listed as Biology 307.)

Physical Education

DIRECTOR:	IRENE A. CLAYTON, M.S.
ASSISTANT DIRECTOR:	ETHEL M. GRANT
INSTRUCTOR:	JANET YEAGER

Appointment to be announced.

The freshman requirement in Physical Education consists of three periods a week throughout the year; for the first semester one of these periods will be given over to the study of fundamental principles of good movement. The sophomore requirement consists of two periods a week throughout the year. All students must complete the freshman and sophomore requirements satisfactorily, and must pass the swimming test administered to every new student at the beginning of the year unless she is excused by the college physician. Students unable to pass this test are expected to register for beginning swimming. All classes are open to election by upper-classmen.

Seasonal offerings of the Department from which election may be made are:

Fall: archery, beginning swimming, fencing, hockey, modern dance, riding, and tennis.

Winter: badminton, basketball, fencing, folk dance, modern dance, skating, swimming and American Red Cross Senior Life Saving and Instructor's courses.

Spring: archery, baseball, fencing, lacrosse, modern dance, riding, swimming, and tennis.

Swimming test: one standing dive, back float one minute, tread water one minute, bobbing twice, and swimming any stroke twenty minutes.

SCHOLARSHIPS AND AWARDS

Scholarships and awards fall into two main groups: those which are awarded solely for distinction in academic work, and those which are awarded for both distinction in academic work and need of financial aid. The former group is listed first, followed by the latter, which is subdivided according to the years in which the scholarships and awards may be held.

APPLICATIONS

Applications are required for all scholarships except those awarded solely for distinction in academic work. Applications for Alumnae Regional Scholarships should be made by March 15 preceding entrance to College. Forms may be obtained from the Alumnae Scholarships and Loan Fund Committee, Alumnae Office, The Deanery, Bryn Mawr, Pennsylvania. Applications for other entrance scholarships should be made by March 15 preceding admission to College on forms obtainable from the Director of Admissions. Applications for other scholarships should be made by March 15 preceding the academic year in which the scholarships are held. Forms are obtainable from the Dean of the College.

In general, nominations for scholarships are made by the Faculty Committee on Undergraduate Scholarships and by the Scholarships and Loan Fund Committee of the Alumnae Association of Bryn Mawr College. Funded scholarships are awarded according to the expressed wishes of the donors. The Alumnae Regional Scholarships are administered by local alumnae committees. The holders of a few college scholarships are nominated directly by the President and those of a few others are nominated by outside organizations. All nominations must be approved by the Board of Directors. It is sometimes possible to supplement scholarship awards by additional grants.

AWARDS MADE SOLELY FOR DISTINCTION IN ACADEMIC WORK

The Bryn Mawr European Fellowship, value \$500, founded in 1889, is awarded annually to a member of the graduating class, to be applied toward the expenses of one year's study at some foreign university. For the present, it may be held in an American university. The holder of this fellowship receives in addition an Elizabeth S. Shippen Scholarship of the value of \$200.

The Maria L. Eastman Brooke Hall Memorial Scholarship, value \$100, founded in 1901 in memory of Maria L. Eastman, Principal of Brooke Hall School for Girls, Media, Pennsylvania, by the alumnae and former pupils of the school, is awarded annually to the member of the junior class with the highest general average and is held during the senior year.

The Charles S. Hinchman Memorial Scholarship, value \$500, was founded in 1917 in memory of the late Charles S. Hinchman of Philadelphia by his family. It is awarded annually to a member of the junior class for work of special excellence in her major subject and is held during the senior year.

The Elizabeth S. Shippen Scholarships were founded in 1915 by the bequest of Elizabeth S. Shippen of Philadelphia. Three scholarships are awarded annually, one to the member of the senior class who receives the Bryn Mawr European Fellowship (see page 76), and two to members of the junior class, as follows: 1. *The Shippen Scholarship in Science*, value \$100, to a student whose major subject is Biology, Chemistry, Geology, or Physics; 2. *The Shippen Scholarship in Foreign Languages*, value \$100, to one whose major subject is French, German, Greek, Italian, Latin, or Spanish. To be eligible for either of these two scholarships a student must have completed at least one semester of the second year course in her major subject. Neither can be held by the winner of the Charles S. Hinchman Memorial Scholarship. Work in elementary courses will not be considered in awarding the scholarship in foreign languages.

The Sheelah Kilroy Memorial Scholarships in English were founded in 1919 in memory of their daughter Sheelah, by Dr. and Mrs. Philip Kilroy. They are awarded annually on the recommendation of the Department of English as follows: \$150 to a student for excellence of work in second year or advanced courses in English, and \$50 to the student in the required course in English Composition who writes the best essay during the year.

The Elizabeth Duane Gillespie Scholarship in American History, value \$60, was founded in 1903 by the Pennsylvania Society of Colonial Dames of America in memory of Elizabeth Duane Gillespie. It is awarded annually on nomination by the Department of History to a member of the sophomore or junior class who has done work of distinction in History and takes one course in American History during her junior or senior year.

The M. Carey Thomas Essay Prize is awarded annually to a member of the senior class for distinction in writing. Students competing for the prize must submit manuscripts by May 1. The award will be made by the Department of English and may be given for either creative or critical writing.

The Katherine Fullerton Gerould Memorial Prize of from \$40 to \$50 was founded in 1946 and is awarded on May Day of each year in which material submitted justifies such award. It is open to any student showing evidence of creative ability in the fields of informal essay, short story, longer narrative, verse or playwrighting.

The Jeanne Quistgaard Memorial Prize was given by the Class of 1938 in memory of their classmate, Jeanne Quistgaard, who died June 23, 1937. It may be awarded every two years to a student in Economics.

The Esther Walker Award was founded by the bequest of William John Walker in memory of his sister, Esther Walker, of the Class of 1910. It may be given annually to a member of the senior class who in the judgment of the Faculty shall have displayed the greatest proficiency in the study of living conditions of Northern Negroes.

SCHOLARSHIPS AWARDED AT ENTRANCE AND
TENABLE FOR FOUR YEARS

National Scholarships are awarded annually by the Seven Women's Colleges (Barnard, Bryn Mawr, Mount Holyoke, Radcliffe, Smith, Vassar, and Wellesley). One scholarship, varying in amount from \$100 to full expenses for tuition and residence, is given annually by each of the colleges in each of three areas: the west coast (Washington, Oregon, and California); three midwestern states (Kansas, Missouri, and Nebraska); and four southern states (Louisiana, New Mexico, Oklahoma, and Texas). The National Scholarships for 1947-48 at Bryn Mawr will be supported in large part by the Fanny R. S. Peabody Fund.

The applicant for the National Scholarships may list the seven colleges in order of her preference but must be willing to go to that one of the seven to which she is assigned by a Committee of Selection. Applicants for National Scholarships must apply before February 20 to Mrs. F. Murray Forbes, Jr., 21 Beaver Place, Boston 8, Massachusetts.

The Bryn Mawr Alumnae Regional Scholarships, for varying amounts up to \$500 each, are awarded in the several districts of the Alumnae Association of Bryn Mawr College to candidates of exceptional ability who cannot meet in full the fees of the College. Application should be made before March 15 preceding entrance into College. Blanks may be obtained from the Alumnae Scholarships and Loan Fund Committee, Alumnae Office, The Deanery, Bryn Mawr, Pennsylvania. Awards are announced as soon as possible after the results of the College Entrance Examination Board Tests are received. Holders of these scholarships who maintain a high standard of scholarship and conduct are assured further assistance either from local alumnae committees or from the College.

The Trustees' Scholarships, four in number, carrying free tuition, and tenable for four years, are made available by the Trustees of Bryn Mawr College for students prepared in the high schools of Philadelphia and its suburbs. Two of these scholarships are awarded annually to candidates who have received all their preparation for entrance in Philadelphia high schools and are recommended by the Board of Public Education of Philadelphia; two

are awarded annually to candidates who have received all their preparation for entrance in public schools in the suburbs of Philadelphia and are recommended by the Director of Admissions after consultation with the principals of the schools presenting candidates.

The City Scholarships, value \$200 each, are awarded to graduates of Philadelphia high schools nominated by the Board of Public Education of Philadelphia.

The Lidie C. B. Saul Scholarship, value \$200, tenable for four years, is given by the Alumnae Association of the Girls' High School and Normal School of Philadelphia. It is awarded every four years to the graduate of the Girls' High School who enters Bryn Mawr College with the highest grade of that year.

The Minnie Murdock Kendrick Memorial Scholarship, carrying free tuition, and tenable for four years, was founded in 1916 by bequest of George W. Kendrick, Jr. It is awarded every four years to a candidate nominated by the Board of Public Education of Philadelphia.

The Foundation Scholarships, carrying free tuition, and tenable for four years, may be awarded annually, upon conditions, so far as possible, similar to the Trustees' Scholarships, to members of the Society of Friends who cannot meet the full expenses of tuition and residence.

The Frances Marion Simpson Scholarships, four in number, carrying free tuition, and tenable for four years, were founded in 1912 in memory of Frances Simpson Pfahler of the Class of 1906 by Justice Alexander Simpson, Jr. One scholarship is awarded each year to a member of the entering freshman class who cannot meet in full the fees of the College. In awarding these scholarships first preference is given to residents of Philadelphia and Montgomery counties who have been prepared in the public schools of these counties or at home by parents or guardians, thereafter, under the same conditions, to residents of other counties of Pennsylvania, and, in special cases, to candidates from other localities. Holders of these scholarships are expected to repay the sums advanced to them. If they become able during their college course to pay the tuition fees in whole or in part they are required to do so.

The Chinese Scholarship comes in part from the annual income of a fund established in 1917, and later increased, by a group of alumnae and friends of the College in order to maintain a Chinese student during her four undergraduate years at Bryn Mawr College.

The Pepsi-Cola Scholarships for School Seniors. In 1945 the Pepsi-Cola Scholarship Board established four-year college scholarships for students throughout the United States, Alaska, Hawaii, Puerto Rico. Each scholarship pays full tuition and required fees for four years, plus an allowance of \$25 a month during the school year, and a travel allowance. One hundred and twenty-one scholarships are awarded each year and are allotted on a regional basis.

Winners select their own colleges. Information regarding these scholarships may be obtained from school principals or directly from the Pepsi-Cola Scholarship Board, 532 Emerson Street, Palo Alto, California.

Other Scholarships, provided through gifts from friends of Bryn Mawr College, are awarded in accordance with the terms of the gift

SCHOLARSHIPS TENABLE IN THE FRESHMAN YEAR

The Amy Sussman Steinhart Scholarship, carrying free tuition, was founded in 1931 in memory of Amy Sussman Steinhart of the Class of 1902 by her family and friends. It is awarded annually to a student from one of the states on the west coast.

The Louise Hyman Pollak Scholarship, carrying free tuition, was founded in 1931 by the Board of Trustees from a bequest by Louise Hyman Pollak of the Class of 1908. It is awarded annually to a student from one of the central states east of the Mississippi River. Preference is given to residents of Cincinnati.

The Alice Day Jackson Scholarships, representing the income from a fund given in 1930 by the late Percy Jackson in memory of his wife, Alice Day Jackson, are variable in amount and are awarded on recommendation of the Director of Admissions.

The Bryn Mawr School Scholarship, value \$300, instituted in 1885 by the Board of Managers of The Bryn Mawr School, of Baltimore, Maryland, is offered annually to the graduate of the Bryn Mawr School who has completed the school course with the most distinction and enters Bryn Mawr College.

SCHOLARSHIPS TENABLE IN THE SOPHOMORE YEAR

The James E. Rhoads Memorial Sophomore Scholarship, value \$550, was founded in 1897 in memory of the first President of the College, Dr. James E. Rhoads, by the Alumnae Association of Bryn Mawr College. It is awarded annually to a student who has attended lectures at Bryn Mawr College not less than one semester, has done excellent work, and expresses her intention of fulfilling the requirements for the degree of Bachelor of Arts at Bryn Mawr College.

The Maria Hopper Scholarships, two in number, value \$200 each, were founded in 1901 by bequest of Maria Hopper of Philadelphia, and are awarded annually.

SCHOLARSHIPS TENABLE IN THE JUNIOR YEAR

The James E. Rhoads Memorial Junior Scholarship, value \$550, was founded in 1897 in memory of the first President of the College, Dr. James E. Rhoads, by the Alumnae Association of Bryn Mawr College. It is awarded annually to a student who has attended lectures at Bryn Mawr College not less than three semes-

ters, has done excellent work, and expresses her intention of fulfilling the requirements for the degree of Bachelor of Arts at Bryn Mawr College.

The Anna Hallowell Memorial Scholarship, value \$100, was founded in 1912 in memory of Anna Hallowell by her family. It is awarded annually to the student in need of aid who has the highest academic record.

The Mary E. Stevens Scholarship, value \$500, founded in 1897 in memory of Mary E. Stevens by former pupils of her school, is awarded by the President of the College.

The Jeanne Crawford Hislop Memorial Scholarship, value \$200 and annual accrued interest from the fund, was given in memory of Jeanne Crawford Hislop of the Class of 1940 by Mr. and Mrs. John H. Hislop and Mrs. Frederic W. Crawford. This scholarship may be renewed for the senior year.

SCHOLARSHIPS TENABLE IN THE SENIOR YEAR

The Anna M. Powers Memorial Scholarship, value \$200, was founded in 1902 in memory of Anna M. Powers by her daughter, the late Mrs. J. Campbell Harris.

The Thomas H. Powers Memorial Scholarship, value \$200, was founded in 1922 in memory of Thomas H. Powers by his daughter, the late Mrs. J. Campbell Harris.

SCHOLARSHIPS TENABLE IN THE SOPHOMORE, JUNIOR, OR SENIOR YEAR

The Mary Anna Longstreth Memorial Scholarship, carrying free tuition, was founded in 1913 in memory of Mary Anna Longstreth by alumnæ and children of alumnæ of the Mary Anna Longstreth School and by a few of her friends.

The Anna Powers Memorial Scholarship, value \$150, was founded in 1919 in memory of Anna Powers of the Class of 1890 by her sister, Mrs. Charles Merrill Hough.

The Constance Lewis and Martha Rockwell Moorhouse 1904 Memorial Scholarship, value \$500, has been given in memory of Constance Lewis and Martha Rockwell Moorhouse of the Class of 1904.

The Amelia Richards Scholarship, value \$500, was founded in 1921 in memory of Amelia Richards of the Class of 1918 by bequest of her mother, Mrs. Frank P. Wilson. It is awarded annually by the Trustees on the nomination of the President.

The George Bates Hopkins Memorial Scholarships, two in number, value \$200 each, were founded in memory of her father by Mrs. Elizabeth Hopkins Johnson, and are awarded annually. Preference is given to students of Music and, in default of these,

to students majoring in History, and thereafter to students in other departments.

The Elizabeth Wilson White Memorial Scholarship, value \$300, was founded in 1923 in memory of Elizabeth Wilson White by Mr. Thomas Raeburn White. It is awarded annually by the President.

The Abby Slade Brayton Durfee Scholarship, value \$100, was founded in 1924 in honor of his wife by bequest of Randall Nelson Durfee. Preference in awarding it is given to candidates of English or American descent and to descendants of the Class of 1894.

The Leila Houghteling Memorial Scholarship, value \$400, 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. It is 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 and is held during the remaining three years of her college course.

The Misses Kirk Scholarship, value \$100, was founded in 1929 in honor of the Misses Kirk by the Alumnae Association of the Kirk School.

The Evelyn Hunt Scholarships, two in number, value \$200 each, were founded in 1931 in memory of Evelyn Hunt of the Class of 1898 by bequest of Eva Ramsay Hunt.

The Mary McLean and Ellen A. Murter Memorial Fund was founded in 1933 in memory of her two aunts by bequest of Mary E. Stevens of Germantown, Philadelphia. By vote of the Board of Directors the income is used for an annual scholarship, value \$200.

The Lila M. Wright Memorial Scholarship, value \$100, was founded in 1934 in memory of Lila M. Wright by the alumnae of Miss Wright's School.

The Shippen Huidekoper Scholarship, value \$200, was founded in 1936, and is awarded annually on the nomination of the President.

The Anna Margaret Sloan and Mary Sloan Scholarships, two in number, value \$300 each, were founded in 1942 by bequest of Mary Sloan of Pittsburgh. They are awarded annually to students majoring in Philosophy or Psychology.

The Mary Williams Sherman Memorial Scholarship, value \$100, was founded in 1942 by bequest of Bertha Williams of Princeton, New Jersey.

The Lorenz-Showers Scholarship Fund, value \$100, was established in 1943 by Justina Lorenz Showers of Dayton, Ohio, of the Class of 1907, in honor of her parents, Edmund S. Lorenz and Florence K. Lorenz, and of her husband, John Balmer Showers.

The Book Shop Scholarships are awarded annually from the profits of the Bryn Mawr College Book Shop.

OTHER AWARDS

The Alice Ferree Hayt Memorial Award, given in 1922, is awarded annually by Mrs. E. Todd Hayt.

The Susan Shober Carey Award, value \$50, was founded in memory of Susan Shober Carey by a gift of the Class of 1925, and is awarded annually by the President.

The Mary Peabody Williamson Scholarship, value \$40, was founded in 1939 by bequest of Mary Peabody Williamson of the Class of 1903.

The Georgie W. Yeatman Scholarship, value \$40, was founded in 1941 by bequest of Georgie W. Yeatman of Philadelphia.

MEDICAL COLLEGE SCHOLARSHIPS

The Hannah E. Longshore Memorial Medical Scholarship was founded by Mrs. Rudolph Blankenburg in memory of her mother. The scholarship is awarded by a committee of the Faculty to a student who has been accepted by a medical school, and may be renewed for each year of medical study. Applications should be made in writing to the Dean of the College, stating the extent of the applicant's financial need, and her intention to engage in medical practice. Applications for renewal should include letters of recommendation from instructors in the medical school.

The Jane V. Myers Memorial Medical Scholarship was founded by Mrs. Rudolph Blankenburg in memory of her aunt. The scholarship is awarded by a committee of the Faculty to a student who has been accepted by a medical school, and may be renewed for each year of medical study. Applications should be made in writing to the Dean of the College, stating the extent of the applicant's financial need, and her intention to engage in medical practice. Applications for renewal should include letters of recommendation from instructors in the medical school.

STUDENTS' LOAN FUND

The Students' Loan Fund of the Alumnæ 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 the Alumnæ 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, 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 or to students in their first year of graduate work. No student may borrow more than an aggregate amount of \$600 during her entire college course.

The terms under which money is loaned are as liberal as is consistent with business-like principles. While the student is in College interest is charged at the rate of one per cent; after the student leaves College the interest rate is two per cent. The entire principal must be repaid within five years from the time 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, Alumnæ Office, The Deanery, Bryn Mawr, Pennsylvania. Students who wish to borrow from the Loan Fund may obtain application blanks for this purpose from the Alumnæ Office, which is situated on the second floor of the Deanery.

MARY HILL SWOPE LOAN FUND

This was established June 1, 1945 by a gift of Mrs. Gerard Swope (Mary Hill, A.B. 1896) under the following conditions:

To assist in the education of young women irrespective of color or creed attending Bryn Mawr College, the income of the fund to be loaned to students in the following manner:

1. The following order of preference shall be followed in awarding such loans to students who have had not less than one year of residence at the College:
 - A. To students coming from New Jersey.
 - B. To students coming from Missouri.
 - C. To students coming from any other location.
2. The loans in the above order of preference, and in the following manner, shall be awarded by the President of Bryn Mawr College, or by a Committee appointed by her from time to time.
3. Applicants for loans shall be considered not only from the standpoint of academic attainment and financial need, but also from the standpoint of character and personal qualifications for deriving the greatest good from a continuation of their studies.
4. These loans shall be used primarily to enable the exceptional student to continue her studies which otherwise would be prevented through lack of means.
5. In the awarding of the loans, the recipient should understand that if in after years she is in a position to do so, she is to repay to the income account of the Loan Fund the amount so loaned to her, with or without interest. It is to be understood that this is entirely a moral obligation upon the recipient.

THE BUREAU OF RECOMMENDATIONS

The College conducts a Bureau of Recommendations for alumnæ, students, and former students of the College. This bureau offers an employment service for permanent, temporary, and part-time positions; and a vocational service for the student body, which includes vocational tests, assistance in choosing a vocation, and the presentation of a series of conferences and lectures. It also acts as a clearing house for letters of recommendation for those who have registered with the bureau. These letters will be sent, upon request, to prospective employers and other agencies.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest, or award which is to be devoted to general endowment, or to the endowment of professors' chairs, scholarships, or fellowships 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 \$200,000 will endow a professor's chair and the sum of \$18,000 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 Commonwealth of Pennsylvania, the sum of.....to be invested and preserved inviolably for the endowment of Bryn Mawr College, located at Bryn Mawr, Pennsylvania.

.....

Date.....

UNDERGRADUATE STUDENTS

1946-1947

- ABEL, CAROLINE 1946-47.
Palisades, Rockland Co., N. Y. Prepared by the Nyack High School, Nyack,
N. Y.
- ABELL, HELENE PORTER 1946-47.
Phoenix P. O., Md. Prepared by the Bryn Mawr School, Baltimore, Md., and
the Masters School, Dobbs Ferry, N. Y.
- ABERNETHY, MARY LOUISE 1945-47.
Bryn Mawr, Pa. Prepared by the Lower Merion Township High School, Ard-
more, Pa. Women's Club of Bryn Mawr Scholar, 1945-46.
- ADAMS, JUDITH DOROTHY 1945-47.
New York, N. Y. Prepared by the Chapin School, New York.
- ALBERT, JEAN *Major, Physics*, 1943-47.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia.
Frances Marion Simpson Scholar, 1943-47; Elizabeth S. Shippen Scholar in
Science, 1946-47.
- AMSTER, HARRIETT J. 1946-47.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia.
- ANDERTON, HELEN ELIZABETH 1945-47.
New York, N. Y. Prepared by the Chapin School, New York.
- ANKENY, KENDALL HOSMER *Major, German*, 1944-47.
Minneapolis, Minn. Prepared by the Northrop Collegiate School, Minneapolis,
and the Ethel Walker School, Simsbury, Conn. Junior Year in Switzerland,
1946-47.
- ANNIN, EDITH LORD *Major, Politics*, 1939-42; 1946-47.
Richmond, Mass. Prepared by the Choate School, Brookline, Mass. Alumnae
Regional Scholar, 1939-42, 1946-47.
- APPEL, PATRICIA 1946-47.
Washington, D. C. Prepared by the Summit School, St. Paul, Minn., and the
Madeira School, Greenway, Va.
- ARGYROPOULO, THALIA 1945-47.
Washington, D. C. Prepared by the Marymount Academy, Tarrytown, N. Y.
- ATWOOD, SALLY TEASDALE *Major, English*, 1944-47.
Minneapolis, Minn. Prepared by the Northrop Collegiate School, Minneapolis.
- AUERBACH, JOAN *Major, Psychology*, 1943-47.
New York, N. Y. Prepared by the White Plains High School, White Plains,
N. Y., and the Scarsdale High School, Scarsdale, N. Y.
- AUSTIN, MARY MOORE 1945-47.
Clayton, Mo. Prepared by Mary Institute, Clayton.
- BABCOCK, ALICE WOODWARD 1945-47.
Woodbury, L. I., N. Y. Prepared by the Brearley School, New York.
- BACHNER, SUZANNE 1946-47.
New York, N. Y. Prepared by the Hunter College High School, New York.
- BAGLEY, ELIZABETH HENDERSON *Major, Chemistry*, 1944-47.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Bryn Mawr
School Scholar, 1944-45.

- BAISH, MARGARET ANNE. *Major, Politics*, 1944-47.
Harrisburg, Pa. Prepared by the William Penn High School, Harrisburg, and St. Catherine's School, Richmond, Va.
- BAKER, CAROLINE N. *Major, English*, 1944-47.
Westport, Conn. Prepared by the Staples High School, Westport.
- BALDASSARRE, THELMA C. *Major, English*, 1943-47.
Philadelphia, Pa. Prepared by the Overbrook High School, Philadelphia. Trustees' Scholar, 1943-47.
- BARBOUR, ALISON. *Major, History*, 1943-47.
New York, N. Y. Prepared by the Chapin School, New York, and Westover School, Middlebury, Conn.
- BARTON, GERTRUDE ELLEN MARY,
Major, Chemistry, 1942-45; Sem. II., 1945-46; 1946-47.
New Canaan, Conn. Prepared by the Low-Heywood School, Stamford, Conn. Alumnae Regional Scholar, 1942-45, 1946-47.
- BEAMAN, SALLY 1945-47.
Plymouth, Mass. Prepared by the Plymouth High School.
- BEAUREGARD, JOAN TOUTANT. *Major, History*, 1944-47.
Washington, D. C. Prepared by Foxcroft, Middleburg, Va.
- BEEBLESTONE, MARY ROSE. 1945-47.
Baltimore, Md. Prepared by the Eastern High School, Baltimore. Alumnae Regional Scholar, 1945-46; James E. Rhoads Memorial Scholar, 1946-47.
- BEHNER, MARILYN. *Major, German*, 1943-47.
Shaker Heights, Ohio. Prepared by the Buchtel High School, Akron, Ohio, and the Shaker Heights High School, Shaker Heights. Harriet Fund Scholar, 1943-44.
- BELKNAP, LOUISE. 1945-47.
New York, N. Y. Prepared by the Chapin School, New York.
- BELL, ANDREA B. 1945-47.
Montreal, P. Q. Prepared by The Study, Montreal.
- BELLOW, MONNIE. *Major, Spanish*, 1943-47.
Philadelphia, Pa. Prepared by the Overbrook High School, Philadelphia.
- BENNETT, BARBARA. *Major, Spanish*, 1943-47.
Philadelphia, Pa. Prepared by the White Plains High School, White Plains, N. Y., and the Lower Merion Township High School, Ardmore, Pa.
- BENTLEY, BARBARA 1945-47.
Lake Forest, Ill. Prepared by the Garrison Forest School, Garrison, Md.
- BENUA, ANNE FLOYD. 1946-47.
Columbus 9, Ohio. Prepared by the Columbus School for Girls, and St. Timothy's School, Catonsville, Md.
- BERKOWITZ,¹ GISHA LINCIS. *Major, Sociology*, 1944-47.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia. Trustees' Scholar, 1944-47.
- BERMAN, SARA. *Major, Chemistry*, 1943-45; Sem. I., 1945-46; 1946-47.
Brooklyn, N. Y. Prepared by Erasmus Hall High School, Brooklyn. Alumnae Regional Scholar, 1943-47; Aileen Weston Memorial Scholar, 1944-47.
- BERNSTEIN, NORMA JANE. 1945-47.
Greensboro, N. C. Prepared by the Curry Training School of the Women's College, University of North Carolina. Mary Williams Sherman Memorial Scholar, 1946-47.
- BETTMAN, BARBARA. 1945-47.
Cincinnati, Ohio. Prepared by the Lowell High School, San Francisco.

¹ Mrs. Raymond S. Berkowitz.

- BIDDLE, ANN GERTRUDE. *Major, Philosophy, 1943-47.*
 Newtown Square, Pa. Prepared by the Shipley School, Bryn Mawr, Pa., and
 the Brownmoor School, Santa Fé, N. Mex.
- BIERWIRTH, NANCY ELIZABETH. *Major, History, 1943-47.*
 Cedarhurst, L. I., N. Y. Prepared by the Lawrence School, Hewlett, L. I., and
 St. Timothy's School, Catonsville, Md.
- BINGER, FRANCES SORCHAN. *Major, Psychology, 1944-47.*
 New York, N. Y. Prepared by the Chapin School, New York.
- BISHOP, JEAN MYRA. *Major, German, 1944-47.*
 West Hartford, Conn. Prepared by the Chaffee School, Windsor, Conn. Junior
 Year in Switzerland, 1946-47.
- BISSELL, AMORET CHAPMAN. *Major, History of Art, 1944-47.*
 New York, N. Y. Prepared by Milton Academy, Milton, Mass.
- BLABON, MARY. *Major, English, 1944-47.*
 Bryn Mawr, Pa. Prepared by Foxcroft, Middleburg, Va.
- BLACK, BARBARA. 1945-47.
 Cleveland Heights, Ohio. Prepared by the Hathaway-Brown School, Shaker
 Heights, Ohio.
- BLACK, JOAN ANN. *Major, History, 1943-47.*
 Garden City, N. Y. Prepared by the Garden City High School.
- BLACKMAN, DORIS HAYNES. *Major, Geology, 1944-47.*
 Norfolk, Va. Prepared by the Maury High School, Norfolk, and the Ward-
 Belmont School, Nashville, Tenn. Alumnae Regional Scholar, 1944-45; Maria
 Hopper Scholar, 1945-46; Lorenz-Showers Scholar, 1946-47.
- BLAKELY, MARY LEE HICKMAN. *Major, English, 1943-47.*
 Louisville, Ky. Prepared by the Louisville Collegiate School.
- BLAKELY, ROSE RUSSELL. 1945-47.
 Louisville, Ky. Prepared by the Louisville Collegiate School.
- BLANSFIELD, VERA GOSS. 1945-47.
 Waterbury, Conn. Prepared by St. Margaret's School, Waterbury.
- BLAU, ELIZABETH. *Major, Philosophy, 1944-47.*
 Columbus, Ohio. Prepared by the Elmira Free Academy, Elmira, N. Y., St.
 Mary's School, Peekskill, N. Y., and the Columbus School for Girls.
- BOAS, BARBARA. 1945-47.
 Wilton, Conn. Prepared by the Fieldston School, New York, N. Y.
- BOBIS, ANNE MARIE. 1946-47.
 Summit, N. J. Prepared by the Horace Mann School, New York, N. Y., and
 St. Mary's-in-the-Mountains, Littleton, N. H.
- BOLTON, PHYLLIS LILIAN. 1945-47.
 West Newton, Mass. Prepared by the Newton High School, Newtonville, Mass.
- BONFILS, KATHERINE VIRGINIA. 1946-47.
 Denver, Colo. Prepared by the Kent School, Denver.
- BORDMAN, MARY CONSTANCE. 1946-47.
 Concord, Mass. Prepared by Concord Academy.
- BORDORF, SHERRY ANN. *Major, English, 1944-47.*
 Louisville, Ky. Prepared by the Atherton High School for Girls, Louisville.
- BOROW, ESTHER IVY. 1946-47.
 Plainfield, N. J. Prepared by the Hartridge School, Plainfield.
- BORUM, ANNE ELIZABETH. *Major, History, 1942-45, 1946-47.*
 Bryn Mawr, Pa. Prepared by Park House, Dublin, Eire; Liverpool College for
 Girls, England; The Spence School, New York, N. Y.

- BOUGHTON, PRISCILLA 1945-47.
New York, N. Y. Prepared by the Buckingham School, Cambridge, Mass.
- BOWMAN, BRENDA WINTHROP 1945-47.
Seattle, Wash. Prepared by Dana Hall, Wellesley, Mass.
- BRADY, MARY ANN *Major, Biology*, 1944-47.
Reading, Pa. Prepared by the Reading High School.
- BREADY, ELIZABETH *Major, German*, 1943-47.
Mt. Airy, Philadelphia, Pa. Prepared by the Germantown Friends' School, Philadelphia. Alumnae Regional Scholar, 1943-44; Maria Hopper Scholar, and Mary Peabody Williamson Scholar, 1944-45; Lorenz Showers Scholar, 1945-46; Anna M. Powers Memorial Scholar and Elizabeth S. Shippen Scholar in Foreign Language, 1946-47.
- BREST, JOAN *Major, English*, 1944-47.
Norfolk, Mass. Prepared by the Walpole High School, Walpole, Mass. Susan Walker Fitzgerald Memorial Scholar, 1944-45; Anna Powers Memorial Scholar, 1945-46; Alumnae Regional Scholar, 1945-46; Anna Hallowell Memorial Scholar, 1946-47.
- BROADFOOT, JEAN ALEXANDER 1945-47.
Short Hills, N. J. Prepared by the Millburn High School, Millburn, N. J.
- BRODSKY, JUDITH A. *Major, Philosophy*, 1943-47.
New York, N. Y. Prepared by the Friends' Seminary, New York, and the Brearley School, New York.
- BROOKE, VIRGINIA BLAIR 1945-47.
Chestnut Hill, Philadelphia, Pa. Prepared by Westover School, Middlebury, Conn.
- BROOKS, GERTRUDA VROOM *Scm. I.*, 1945-46; 1946-47.
Trenton, N. J. Prepared by the Central High School, Trenton.
- BROWN, LOUISA SUMNER 1946-47.
San Marino, Calif. Prepared by the Polytechnic High School, Pasadena, Calif.; the Katharine Branson School, Ross, Calif.; and the Westridge School, Pasadena, Calif.
- BRUCH, POLLYANNA *Major, Latin*, 1944-47.
Bethlehem, Pa. Prepared by the Liberty High School, Bethlehem. Class of 1922 Special Scholar, 1945-47.
- BRUMBAUGH, MARY ANN *Major, Politics*, 1944-47.
Westport, Conn. Prepared by the Thomas School, Rowayton, Conn.
- BRYNE, ANDI 1945-46; *Scm. I.*, 1946-47.
Plainfield, N. J. Prepared by the Norwegian Public Schools.
- BUNCE, BARBARA HAMILTON *Major, Chemistry*, 1943-47.
Palmerton, Pa. Prepared by the Stephens Palmer High School, Palmerton, and St. Catherine's School, Richmond, Va.
- BURCH, HELEN HARVEY *Major, History*, 1941-43, 1946-47.
Bryn Mawr, Pa. Prepared by the Roedean School, Brighton, England, and the Edgell School, Windsor, Nova Scotia.
- BURCHUK, ISABEL 1946-47.
Philadelphia, Pa. Prepared by the Frankford High School, Philadelphia, and Chestnut Hill Academy, Chestnut Hill, Pa.
- BURKE, SHIRLEY ROBINSON 1945-47.
Plainfield, N. J. Prepared by the Hartridge School, Plainfield. Alumnae Regional Scholar, 1945-47.
- BUSCH, NANCY ANN 1945-47.
Caroga Lake, N. Y. Prepared by the Wheelerville Union School, Wheelerville, N. Y.

- BYFIELD, BETTY ANN *Major, History*, 1943-47.
Scarsdale, N. Y. Prepared by the Scarsdale High School.
- CADBURY, WINIFRED *Major, English*, 1944-47.
Cambridge, Mass. Prepared by the Buckingham School, Cambridge, and the Westtown School, Westtown, Pa. Abby Slade Brayton Durfee Scholar, 1946-47.
- CAMERON, ANN SYBIL 1945-47.
Durham, N. C. Prepared by Salem Academy, Winston-Salem, N. C.
- CAMERON, ELIZABETH *Major, Politics*, 1944-47.
Milton, Mass. Prepared by Milton Academy.
- CANER, SARAH ANN 1946-47.
Philadelphia, Pa. Prepared by the Springside School, Chestnut Hill, Philadelphia, and Milton Academy, Milton, Mass.
- CARR, NANCY LOUISE 1945-47.
Hingham, Mass. Prepared by Milton Academy, Milton, Mass.
- CARY, ELLEN BROOKS *Major, Chemistry*, 1943-47.
Haverford, Pa. Prepared by the George School, Pa. Foundation Scholar, 1943-47.
- CASSARD, KAREN 1946-47.
Washington, D. C. Prepared by the Madeira School, Greenway, Va. Alumnae Regional Scholar, 1946-47.
- CATLIN, SALLY CARMANY 1946-47.
Philadelphia, Pa. Prepared by the Altoona High School, Altoona, Pa., and the Germantown High School, Philadelphia.
- CAULKINS, HARRIET TAYLOR 1945-47.
Lookout Mountain, Tenn. Prepared by the Girls' Preparatory School, Chattanooga, Tenn. Alumnae Regional Scholar, 1945-46; The Misses Kirk Scholar and Special Southern Regional Scholar, 1946-47.
- CAVE, NINA WISDOM 1946-47.
New York, N. Y. Prepared by the Chapin School, New York.
- CHAMBERS, DORIS MARIE 1946-47.
Dover, Mass. Prepared by Milton Academy, Milton, Mass., Dana Hall, Wellesley, Mass., and the Cambridge School, Weston, Mass.
- CHANDLER, FRANCES PATERSON,
Major, Psychology, 1944-46; Sem. I., 1946-47.
Oklahoma City, Okla. Prepared by the Hoekaday School, Dallas, Texas.
- CHASE, ANN MARTIN *Major, History of Art*, 1944-47.
Watertown, Conn. Prepared by St. Margaret's School, Waterbury, Conn., and the Madeira School, Greenway, Va.
- CHEN, RUBY LI-KUN *Major, Chemistry*, 1945-47.
New York, N. Y. Transferred from St. John's University, Shanghai, and Yenching University. Chinese Scholar, 1945-47.
- CHERNER, I. NADINE *Major, History of Art*, 1943-47.
Washington, D. C. Prepared by the Coolidge High School, Washington.
- CHESLEY, JOAN DE VALOIS 1945-47.
New York, N. Y. Prepared by the Riverdale Country School for Girls, New York.
- CHESTON, FRANCES *Major, History*, 1944-47.
Oreland, Pa. Prepared by Foxcroft, Middleburg, Va.
- CHITTENDEN, JULIA *Major, History*, 1943-47.
Concord, N. H. Prepared by the Mary C. Wheeler School, Providence, R. I. Alumnae Regional Scholar, 1943-46.

- CHOWNING, MARTHA ANN. 1946-47.
Little Rock, Ark. Prepared by the Little Rock High School.
- CHRIST, MANON LUCY. 1946-47.
New Britain, Conn. Prepared by the Mooreland Hill School, New Britain, and Foxhollow School, Lenox, Mass.
- CLARK, CATHERINE PIERCE. *Major, English*, 1943-47.
St. Paul, Minn. Prepared by the Summit School, St. Paul.
- CLARK, ETHELWYN. *Major, Chemistry*, 1944-47.
Falls Church, Va. Prepared by the Western High School, Washington, D. C. Alumnae Regional Scholar, 1944-47.
- CLAXTON, CORNELIA CRAWFORD 1945-47.
Lancaster, Pa. Prepared by the Lancaster Country Day School.
- COATES, MIRIAM HILDA 1945-47.
Little Rock, Ark. Prepared by the Little Rock High School.
- CODDINGTON, JANE,
Major, English, 1944-45; Sem. I., 1945-46; 1946-47.
Upper Montclair, N. J. Prepared by the Montclair High School. Alumnae Regional Scholar, 1945-46.
- COFFEY, BARBARA LOUISE. *Major, History*, 1944-47.
Passaic, N. J. Prepared by the Passaic Collegiate School. Frances Marion Simpson Scholar, 1944-47; Alumnae Regional Scholar, 1944-47; Passaic Women's College Club Scholar, 1944-45.
- COHEN, CAROLYN. 1946-47.
New York, N. Y. Prepared by the Hunter College High School, New York. Alumnae Regional Scholar, 1946-47.
- COHEN, JOANN. *Major, Mathematics*, 1944-47.
Chicago, Ill. Prepared by the Francis W. Parker School, Chicago.
- COLEMAN, ELIZABETH BROOKE. *Major, Politics*, 1944-47.
Eccleston, Md. Prepared by the Bryn Mawr School, Baltimore, Md., and Westover School, Middlebury, Conn.
- COLEMAN, HELEN RULISON. Sem. I., 1946-47.
New York, N. Y. Prepared by the Chapin School, New York.
- COLEMAN, JANE FRASER 1946-47.
New York, N. Y. Prepared by the Brearley School, New York.
- COLLINS, NATALIE ANNE. 1945-47.
Oak Park, Ill. Prepared by the Oak Park and River Forest Township High School.
- COLWELL, ELEANOR HOWLAND. *Major, Mathematics*, 1943-47.
New Haven, Conn. Prepared by the Prospect Hill School, New Haven.
- CONN,¹ SYBIL ULLMAN. *Major, Politics*, 1944-47.
New York, N. Y. Prepared by the Abington High School, Abington, Pa., the New Rochelle High School, and Chevy Chase Junior College, Washington, D. C.
- CONNOR, ELIZABETH JEAN. 1946-47.
New Kensington, Pa. Prepared by the New Kensington High School.
- CONROY, MARY GLORIA. *Major, Chemistry*, 1943-47.
Merchantville, N. J. Prepared by the Collingswood High School, Collingswood, N. J. Katharine Elizabeth McBride Scholar, 1943-44; Amelia Richards Memorial Scholar, and Class of 1937 Special Scholar, 1944-45; Mary Peabody Williamson Scholar, 1946-47.

¹ Mrs. Merrill A. Conn.

- COOPER, MARILYN RUTH. *Major, Philosophy*, 1943-47.
Leacock, Pa. Prepared by the Shippen School, Lancaster, Pa.
- COPELAND, ELIZABETH *Major, History*, 1944-47.
Glenside, Pa. Prepared by the Abington High School, Abington, Pa.
- CORCORAN, ANN BRENDA. 1945-47.
Cambridge, Mass. Prepared by the Cambridge High and Latin School.
- CORKRAN, ANNE SIMMONS. 1946-47.
Villanova, Pa. Prepared by the Shipley School, Bryn Mawr, Pa., and Westover School, Middlebury, Conn.
- COTINS, BARBARA ZOE. *Major, Sociology*, 1943-45, 1946-47.
New York, N. Y. Prepared by the Roosevelt High School, Yonkers, N. Y., and the Cheltenham Township High School, Elkins Park, Pa. Trustees' Scholar, 1943-45.
- COURTOT, CATHERINE. Sem. II., 1946-47.
New York, N. Y. Prepared by L'Ecole Supérieure des Jeunes Filles de la ville de Lausanne, l'Ecole Lemania à Lausanne, and Collège Sainte Marie de Neuilly.
- COWARD, NANCY FRANCES. *Major, Psychology*, 1943-47.
Bryn Mawr, Pa. Prepared by the Baldwin School, Bryn Mawr, and the Shipley School, Bryn Mawr.
- COWLES, HELEN PATRICIA. *Major, History*, 1943-47.
New Haven, Conn. Prepared by the Prospect Hill School, New Haven, and St. Catherine's School, Richmond, Va. Alumnae Regional Scholar, 1943-44.
- CRANE, RUTH LEONORE. 1945-47.
Atlantic City, N. J. Prepared by the Atlantic City High School. George Bates Hopkins Memorial Scholar, 1946-47.
- CROSS, MARY NEWBOLD. *Major, English*, 1943-47.
Bernardsville, N. J. Prepared by St. Timothy's School, Catonsville, Md.
- CURRAN, ELIZABETH ANNE 1945-47.
St. Louis, Mo. Prepared by the Chapin School, New York, N. Y.
- CUSHING, ELIZABETH OLMSTEAD. *Major, German*, 1944-47.
Albany, N. Y. Prepared by St. Agnes' School, Albany. Harriet Fund Scholar, 1944-45. Junior Year in Switzerland, 1946-47.
- DARLING, MARTHA. 1945-47.
Andover, Mass. Prepared by the Ethel Walker School, Simsbury, Conn.
- DARLING, SARAH. 1945-47.
Andover, Mass. Prepared by the Ethel Walker School, Simsbury, Conn.
- DASILVA,¹ JUDITH MARCUS 1945-47.
Rockville Centre, N. Y. Prepared by the South Side High School, Rockville Centre.
- DAVIS, ELIZABETH JANE. *Major, History*, 1943-47.
Scranton, Pa. Prepared by the Country Day School, Scranton, and Dana Hall, Wellesley, Mass.
- DAVIS, PAMELA. 1946-47.
Chappaqua, N. Y. Prepared by the Horace Greeley School, Chappaqua.
- DAVISON, JOAN DUDLEY. 1946-47.
Danville, Pa. Prepared by the Danville High School.
- DAY, ELIZABETH HILBERT. *Major, History*, 1943-47.
Cambridge, Mass. Prepared by the Shady Hill School, Cambridge, and the Winsor School, Boston, Mass. Alumnae Regional Scholar, 1943-47.

¹ Mrs. Willard H. DaSilva.

- DEKERILLIS, CHANTAL 1945-47.
Bridgehampton, L. I., N. Y. Prepared by the Southampton High School, Southampton, N. Y.
- DEMBOW, MARCIA I. *Major, Politics*, 1943-47.
Philadelphia, Pa. Prepared by the Overbrook High School, Philadelphia.
- DEMPWOLF, ELIZABETH HELEN 1946-47.
Glen Ridge, N. J. Prepared by the Bloomfield High School, Bloomfield, N. J., and the Glen Ridge High School, Glen Ridge, N. J.
- DEMPWOLF, SARAH HELEN 1946-47.
York, Pa. Prepared by the York Collegiate Institute, and Chatham Hall, Chatham, Va.
- DILLINGHAM, GRACE VOORHIS 1945-47.
Staten Island, N. Y. Prepared by the Curtis High School, Staten Island. Alumnae Regional Scholar, 1945-47.
- DIMOND, LAURA *Major, Politics*, 1943-47.
Brookline, Mass. Prepared by the Brookline High School.
- DOMVILLE, YOLANDE MASCIA 1945-47.
New York, N. Y. Prepared by Miss Cramp's School, Montreal.
- DOUGHERTY, VELMA LOW *Major, English*, 1943-47.
Yonkers, N. Y. Prepared by the Barnard School for Girls, New York. Mary Peabody Williamson Scholar, 1945-46; Book Shop Scholar, 1946-47.
- DOWLING, ELIZABETH MOLLOY *Major, Latin*, 1943-47.
New York, N. Y. Prepared by the Chapin School, New York.
- DRAGONETTE, LEILA ANN . . . *Major, Physics and Mathematics*, 1943-47.
Philadelphia, Pa. Prepared by the Lansdowne High School, Lansdowne, Pa. Trustees' Scholar, 1943-47; Maria L. Eastman Brooke Hall Memorial Scholar, and Charles S. Hinchman Memorial Scholar, 1946-47.
- DRAKE, CONSTANCE LA BOITEAUX¹ 1918-20; Sem. I., 1946-47.
Bryn Mawr, Pa. Prepared by the Baldwin School, Bryn Mawr.
- DREHER, NANCY BALDWIN 1946-47.
Derby, Conn. Prepared by the Emma Willard School, Troy, N. Y., and the Day School, New Haven, Conn.
- DUNN, ANNE BEMISTER 1945-47.
South Norwalk, Conn. Prepared by the Putney School, Putney, Vt.
- DUNN, LANIER *Major, Philosophy*, 1943-47.
Washington, D. C. Prepared by St. Timothy's School, Catonsville, Md.
- DWYER, NANCY ELLIOTT *Major, History*, 1944-47.
Jersey City, N. J. Prepared by the Bergen School, Jersey City.
- DYSON, HELEN RUTH *Major, Psychology*, 1943-47.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia.
- EARLE, LOUISE HARDING 1946-47.
New York, N. Y. Prepared by the Chapin School, New York.
- EATON, SHEILA BURTON 1946-47.
New York, N. Y. Prepared by the Lawrence School, Hewlitt, L. I., N. Y., and the Garrison Forest School, Garrison, Md.
- EBERSTADT, ANN 1945-47.
Huntington, L. I., N. Y. Prepared by the Sidwell Friends School, Washington, D. C.
- ECCLES, DOROTHY PLATT 1945-46; Sem. I., 1946-47.
Newport, R. I. Prepared by the Lincoln School, Providence, R. I.

¹ Mrs. Thomas Drake.

- EDGEMON, JEANNE 1946-47.
Cincinnati, Ohio. Prepared by the Hughes High School, Cincinnati.
- EDLIN, CHARLOTTE HARRIET *Major, Psychology*, 1944-47.
Waterbury, Conn. Prepared by the Crosby High School, Waterbury. Anna Margaret and Mary Sloan Scholar, 1946-47.
- EDWARDS,¹ ANN DUDLEY *Major, Psychology*, 1943-47.
Phoenixville, Pa. Prepared by St. Catherine's School, Richmond, Va.
- EDWARDS, ELIZABETH WOODS 1946-47.
Clayton, Mo. Prepared by the Clayton High School.
- EDWARDS, FRANCES HARRIS 1945-47.
Chestnut Hill, Philadelphia, Pa. Prepared by Rosemary Hall, Greenwich, Conn.
- EDWARDS, MARIAN ELIZABETH 1946-47.
Kansas City, Mo. Prepared by the Paseo High School, Kansas City, and the Sunset Hill School, Kansas City. Seven College National Scholar, 1946-47.
- EDWARDS, PATRICIA ANNE *Major, Mathematics*, 1945-47.
Bradford, Pa. Prepared by the Ethel Walker School, Simsbury, Conn. Maria Hopper Sophomore Scholar, 1946-47.
- EISENBERG, RHODA JOAN *Major, Sociology*, 1944-47.
Collingswood, N. J. Prepared by the Friends' Select School, Philadelphia, Pa.
- ELLIS, JANE *Major, History*, 1944-47.
Brookline, Mass. Prepared by the Winsor School, Boston, Mass.
- ELLIS, JEAN HELENE 1945-47.
New York, N. Y. Prepared by the Hunter College High School, New York.
- EMERY, NANETTE CLAIRE *Major, Spanish*, 1943-45, 1946-47.
Grosse Pointe, Mich. Prepared by the Grosse Pointe High School. Junior Year in Mexico, 1945-46.
- ENGLISH, HOPE HAMILTON 1945-47.
New York, N. Y. Prepared by Westover School, Middlebury, Conn.
- ENGLISH, MARGARET BRADFORD *Major, History*, 1944-47.
New York, N. Y. Prepared by the Rippowam School, Bedford, N. Y., and Westover School, Middlebury, Conn.
- ERICSON, ANNA-STINA *Major, Politics*, 1944-47.
Munhall, Pa. Prepared by the Munhall High School, and the Winchester-Thurston School, Pittsburgh, Pa.
- ERVIN, LOUISE SPENCER 1945-47.
Bala-Cynwyd, Pa. Prepared by the Agnes Irwin School, Wynnewood, Pa.
- ESSAYAG, ESTHER *Major, Biology*, 1945-47.
New York, N. Y. Prepared by Liceo Andres Bello, Caracas, Venezuela.
- ETTELSON, JANE LEE *Major, Economics*, 1944-47.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia. Board of Education Scholar, 1944-47.
- EVARTS, EMILY CONOVER *Major, Biology*, 1943-47.
Cambridge, Mass. Prepared by the Buckingham School, Cambridge.
- EWING, LUCIA P. 1946-47.
Mound, Minn. Prepared by the Masters School, Dobbs Ferry, N. Y., and Westover School, Middlebury, Conn.
- FAHNESTOCK, CLARE HECKSTAFF 1945-47.
Newport, R. I. Prepared by St. Timothy's School, Catonsville, Md.
- FEINER, CHARLOTTE HELEN 1945-47.
Philadelphia, Pa. Prepared by the Abington Friends School, Philadelphia.

¹ Mrs. W. S. Edwards.

- FELDMAN, SUSAN JUDITH. 1945-47.
Rochester, N. Y. Prepared by the Harley School, Rochester. Anna Powers Memorial Scholar, 1946-47.
- FENSTERMACHER, ELIZABETH KOCH. *Major, Sociology*, 1943-47.
Allentown, Pa. Prepared by the Allentown High School.
- FERNSTROM, JANICE ELAINE. *Major, English*, 1943-47.
Philadelphia, Pa. Prepared by the Friends' Select School, Philadelphia.
- FIELD, ANN MONTAGUE. *Major, Mathematics*, 1944-47.
Newton, Mass. Prepared by the Brimmer-May School, Boston, Mass.
- FIELD, JANE LEVAN. *Major, French*, 1944-47.
Philadelphia, Pa. Prepared by the Radnor Township High School, Wayne, Pa. Cresson (Radnor Township High School) Scholar, 1944-45.
- FISCHMAN, JUNE D. 1946-47.
Cynwyd, Pa. Prepared by the Lower Merion Township High School, Ardmore, Pa.
- FISH, SHIRLEY. 1945-47.
Winthrop, Mass. Prepared by the Winthrop High School. Maria Hopper Sophomore Scholar, 1946-47.
- FLORY, LUCILLE ELIZABETH. 1945-47.
Sellersville, Pa. Prepared by the Sellersville-Perkasie High School, Bucks County, Pa. Alumnae Regional Scholar, 1945-46; Pennsylvania State Scholar, 1945-47.
- FOCARDI, ELIZABETH M. *Major, Latin*, 1944-47.
Delaware City, Del. Prepared by the Friends' School, Wilmington, Del. Alumnae Regional Scholar, 1944-46; Evelyn Hunt Scholar, 1946-47.
- FORD, JEAN. *Major, History*, 1944-47.
New York, N. Y. Prepared by the Brearley School, New York, and Chatham Hall, Chatham, Va.
- FRANCE, ELAINE. *Major, Psychology*, 1944-47.
Elizabeth, N. J. Prepared by the Kent Place School, Summit, N. J. Alumnae Regional Scholar, 1945-46.
- FURNESS, ANNE WINSLOW. *Major, Greek*, 1944-47.
Brookline, Mass. Prepared by the Chapin School, New York, N. Y.
- GAEBELEIN, GRETCHEN ELIZABETH. 1946-47.
Stony Brook, L. I., N. Y. Prepared by the Port Jefferson High School, Port Jefferson, N. Y., and Branksome Hall, Toronto, Canada.
- GALANTER, EUGENE. 1946-47.
Philadelphia, Pa. Prepared by the Central High School, Philadelphia.
- GALE, JOAN. 1945-47.
Kingston, Pa. Prepared by Wyoming Seminary, Kingston.
- GARTON, NANCY. *Major, Politics*, 1944-47.
Pelhamwood, N. Y. Prepared by the Pelham Memorial High School, Pelham, N. Y.
- GAWAN, JACKIE JANE. 1945-47.
Denver, Colo. Prepared by the Kent School for Girls, Denver.
- GEIB, KATHRYN FISHER. 1945-47.
Elizabeth, N. J. Prepared by the Vail-Deane School, Elizabeth.
- GILMARTIN, ROSEMARY THERESE. *Major, Biology*, 1943-47.
Ithaca, Pa. Prepared by the Radnor Township High School, Wayne, Pa. Cresson (Radnor Township High School) Scholar, 1943-44; Georgie W. Yeatman Scholar, 1945-46; Lila M. Wright Memorial Scholar, 1946-47.

- GILMARTIN, WILLIAM J., JR. 1946-47.
Ithan, Pa. Prepared by the Radnor Township High School, Wayne, Pa.
- GOLDBERG, HELEN WEBSTER 1945-47.
New York, N. Y. Prepared by the Hunter College High School, New York.
- GOLDBERG,¹ SHIRLEY GOLDBERG *Major, History*, 1943-47.
Philadelphia, Pa. Prepared by the Norristown High School, Norristown, Pa.
- GOOD, SYLVIA ANN 1946-47.
Ventnor City, N. J. Prepared by the Atlantic City High School, Atlantic City, N. J. Alumnae Regional Scholar, 1946-47.
- GORDON, MAXINE HARRIET 1945-47.
New York, N. Y. Prepared by the Hunter College High School, New York.
- GORHAM, LOUISE A. *Major, History*, 1943-47.
New York, N. Y. Prepared by the Scarborough School, Scarborough-on-Hudson, N. Y., and the Brearley School, New York. Anne Dunn (Brearley School) Scholar, 1943-44.
- GOULD, JOAN CAROL *Major, English*, 1943-47.
New York, N. Y. Prepared by the Fieldston School, New York. Sheelah Kilroy Memorial Scholar in English, 1946-47.
- GRAHAM, VIRGINIA SOUTHALL 1946-47.
New York, N. Y. Prepared by the Riverdale Country School for Girls, New York, and the Brearley School, New York.
- GRAVES, CATHERINE ARMS 1945-47.
Washington, D. C. Prepared by the National Cathedral School, Washington.
- GREELEY, DOROTHY 1946-47.
Winnetka, Ill. Prepared by the North Shore Country Day School, Winnetka.
- GREENEWALT, NANCY CRAWFORD 1946-47.
Greenville, Del. Prepared by the Tower Hill School, Wilmington, Del., and Foxhollow School, Lenox, Mass.
- GREENOUGH, PENELOPE 1946-47.
Dover, Mass. Prepared by the Winsor School, Boston, Mass. Nora Saltonstall (Winsor School) Scholar, 1946-47.
- GREET, ANNE HYDE 1946-47.
New York, N. Y. Prepared by the Brearley School, New York. Alumnae Regional Scholar, 1946-47.
- GREGORY, ANN STIRLING *Major, Physics*, 1943-47.
Winnetka, Ill. Prepared by the North Shore Country Day School, Winnetka.
- GREGORY, DOROTHY MAY 1946-47.
Winnetka, Ill. Prepared by the North Shore Country Day School, Winnetka.
- GREGORY, KATHERINE *Major, Politics*, 1944-47.
Darien, Conn. Prepared by the Darien High School, and Stuart Hall, Staunton, Va.
- GREY, ELISABETH ADAIR 1946-47.
Ellicott City, Md. Prepared by Wadhurst College, Sussex, England.
- GROSS,² CECILIA ROSENBLUM *Major History*, 1943-47.
Philadelphia, Pa. Prepared by the Sharon High School, Sharon, Pa. Pennsylvania State Scholar, 1943-47.
- GROSS, MARTHA BAILEY *Major, Physics*, 1943-47.
Harrisburg, Pa. Prepared by the Seiler School, Harrisburg, and St. Timothy's School, Catonsville, Md.

¹ Mrs. Marvin Goldberg.

² Mrs. Cyril V. Gross.

- GROSS, PRISCILLA TROTH. *Major, English*, 1944-47.
Baltimore, Md. Prepared by the Eastern High School, Baltimore. Alumnae Regional Scholar, 1944-45; Jeanne Crawford Hislop Memorial Scholar, 1945-47.
- GROVE, SALLY GORDON 1946-47.
Port Washington, L. I., N. Y. Prepared by Milwaukee-Downer Seminary, Milwaukee, Wis., 1942-43; Deerfield Academy, Deerfield, Mass., 1943-44; and Northfield School for Girls, East Northfield, Mass., 1944-46. Alumnae Regional Scholar, 1946-47.
- GROVES, GWEN 1946-47.
Washington, D. C. Prepared by the National Cathedral School, Washington.
- HACKNEY, ALICE LOUISE. 1945-47.
Finksburg, Md. Prepared by the Garrison Forest School, Garrison, Md.
- HADAS, JANE GERTRUDE. *Major, Mathematics*, 1944-47.
New York, N. Y. Prepared by the Riverdale Country School for Girls, New York.
- HAINS, AMELIE DAY 1946-47.
Falls Church, Va. Prepared by the Annie Wright Seminary, Tacoma, Wash., and St. Agnes School, Alexandria, Va.
- HALE, HELEN PARRISH 1945-47.
New York, N. Y. Prepared by the Chapin School, New York.
- HAM, EDITH MASON. 1946-47.
Concord, Mass. Prepared by St. Agnes School, Alexandria, Va., and Concord Academy, Concord.
- HAMILTON, ELIZABETH L. *Major, Psychology*, 1944-47.
Lansdowne, Pa. Prepared by the Lansdowne High School. Alumnae Regional Scholar, 1944-46; Jacob Orie Clarke Memorial Scholar, 1944-47.
- HARE, ELLEN MARY CASSATT. *Major, French*, 1944-47.
Radnor, Pa. Prepared by the Shipley School, Bryn Mawr, Pa.
- HARE,¹ SUSANNA WILSON,
Major, Classical Archæology, 1934-36, 1946-47.
Washington, D. C. Prepared by Birch Wathen, New York, N. Y., and the Brearley School, New York, N. Y.
- HARNED, LOUISE. 1946-47.
New Haven, Conn. Prepared by the Hamden High School, Hamden, Conn. Alumnae Regional Scholar, 1946-47.
- HARPER, KATHERINE 1946-47.
Princeton, N. J. Prepared by Miss Fine's School, Princeton, and Oldfields School, Glencoe, Md.
- HARPER, LINDSAY. *Major, Spanish*, 1944-47.
New York, N. Y. Prepared by the Evanston Township High School, Ill., the Sandia School, Albuquerque, N. Mex., and the North Shore Country Day School, Winnetka, Ill. Alumnae Regional Scholar, 1944-45. Junior Year in Mexico, 1946-47.
- HARRIMAN, ELLEN. *Major, English*, 1942-44, 1946-47.
Woodbury, Conn. Prepared by the Germantown Friends' School, Philadelphia, Pa. Edwin Gould Foundation Scholar, 1942-44.
- HARRINGTON, KATHERINE ANNE. 1946-47.
Providence, R. I. Prepared by the Lincoln School, Providence.
- HARRIS,² AILEEN MORROW. *Major, English*, 1946-47.
Birmingham, Ala. Transferred from Smith College.

¹ Mrs. Susanna Wilson Hare.

² Mrs. Crampton Harris, Jr.

- HARRIS, ALTA MAE 1946-47.
Westport, Conn. Prepared by the Forman School, Litchfield, Conn., and Dana Hall, Wellesley, Mass.
- HART, ALICE LINDSEY *Major, English*, 1943-47.
Nashville, Tenn. Prepared by the Hillsboro High School, Nashville, and the Ward-Belmont School, Nashville. Class of 1940 Scholar, 1945-46; Constance Lewis and Martha Rockwell Moorhouse Class of 1904 Scholar, 1946-47.
- HART, LUCY PAGE *Major, Psychology*, 1944-47.
Nashville, Tenn. Prepared by the Hillsboro High School, Nashville, and the Ward-Belmont School, Nashville. Constance Lewis and Martha Rockwell Moorhouse Class of 1904 Scholar, 1946-47.
- HARVEY, MARION MOSELEY 1945-47.
Philadelphia, Pa. Prepared by the Springside School, Chestnut Hill, Pa. Alumnae Regional Scholar, 1945-47.
- HARWOOD, EMILY JUSTINE 1945-47.
Lawrenceville, N. J. Prepared by Westover School, Middlebury, Conn. Frances Marion Simpson Scholar, 1945-47.
- HAUPTMAN, EVA MARIE 1946-47.
Newton Centre, Mass. Prepared by the Newton High School.
- HAWS, VIRGINIA
Major, Mathematics, 1942-45; Sem. I., 1945-46; Sem. II., 1946-47.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia. Trustees' Scholar, 1942-46.
- HAYES, CARA-LOUISE 1946-47.
Middletown, N. J. Prepared by the Rumson Country Day School, Rumson, N. J., and St. Timothy's School, Catonsville, Md.
- HAYES, SYLVIA DORIS 1946-47.
Willsboro, N. Y. Prepared by the Willsboro High School and the Ethel Walker School, Simsbury, Conn.
- HEBB, ELIZABETH 1946-47.
Needham, Mass. Prepared by the Needham High School.
- HEBERLING, JACQUELINE *Major, Politics*, 1943-47.
Pittsburgh, Pa. Prepared by the Ellis School, Pittsburgh.
- HEINEMANN,¹ SHIRLEY HECKHEIMER . . . *Major, Psychology*, 1943-47.
Philadelphia, Pa. Prepared by the Philadelphia High School for Girls. Trustees' Scholar, and Pennsylvania State Scholar, 1943-46.
- HEINSHEIMER, RUTH *Major, Mathematics*, 1943-47.
New York, N. Y. Prepared by Ecole Lafayette, Paris, and the Julia Richman High School, New York. Special Trustees' Scholar, 1943-44; James E. Rhoads Memorial Sophomore Scholar, 1944-45; James E. Rhoads Memorial Junior Scholar, 1945-46; Amelia Richards Memorial Scholar, 1946-47.
- HELSON, MARTHA ALICE 1946-47.
Bryn Mawr, Pa. Prepared by the Westtown School, Westtown, Pa.
- HENDERSON, SUZANNE ELIZABETH 1945-47.
Tarrytown, N. Y. Prepared by the Westlake School for Girls, Los Angeles, Calif.
- HENNE, PATRICIA *Major, Sociology*, 1943-47.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia.
- HENRY, ANNE WILLARD *Major, English*, 1944-47.
Wellesley Hills, Mass. Prepared by Dana Hall, Wellesley, Mass. Alumnae Regional Scholar, 1944-46; George Bates Hopkins Memorial Scholar, 1945-46; Mary E. Stevens Scholar, 1946-47.

¹ Mrs. Eric G. Heinemann.

- HERMAN, FRANCES LOGAN. 1946-47.
Bronxville, N. Y. Prepared by the Bronxville High School.
- HERSEY, JEANETTE BURNET. 1946-47.
Chicago, Ill. Prepared by the Westridge School for Girls, Pasadena, Calif.
- HEWITT, MELANIE. 1946-47.
Pasadena, Calif. Prepared by the Westridge School for Girls, Pasadena, Calif.
Seven College National Scholar, 1946-47.
- HILL, ANN DUDLEY. 1945-47.
Rougemont, N. C. Prepared by the Madeira School, Greenway, Va.
- HINSDALE, CYNTHIA ANN. 1945-47.
New York, N. Y. Prepared by the Brearley School, New York.
- HITCHCOCK, JOAN. *Major, History*, 1944-47.
New York, N. Y. Prepared by the Friends' Seminary, New York.
- HOCHSCHILD, PATRICIA. *Major, History*, 1944-47.
New York, N. Y. Prepared by the Brearley School, New York. Junior Year in
Switzerland, 1946-47.
- HODGMAN, MAUD L. 1946-47.
Chestertown, Md. Prepared by the Lincoln High School, Lincoln, Neb.; the
North Canton High School, North Canton, Ohio; and the Laurel School,
Shaker Heights, Ohio.
- HOFFMAN, LUCY E. *Major, Politics*, 1944-47.
Washington, D. C. Prepared by the Greenvale School, Roslyn, L. I., N. Y., the
Turkey Lane School, Cold Spring Harbour, L. I., N. Y., and the Madeira
School, Greenway, Va.
- HOLBORN, HANNA DOROTHEA. 1946-47.
Hamden, Conn. Prepared by the Sidwell Friends' School, Washington, D. C.,
and the Prospect Hill School, New Haven, Conn. Special Trustees' Scholar,
1946-47.
- HOLLAND, MARIAN RUPERT. . . *Major, Classical Archæology*, 1943-47.
Philadelphia, Pa. Prepared by the Baldwin School, Bryn Mawr, Pa.
- HOLLAND, THEODORA. *Major, Psychology*, 1944-47.
Verdugo City, Calif. Prepared by the Desert Sun School, Mecca, Calif., and the
Girls' Collegiate School, Claremont, Calif. Seven College National Scholar,
1944-47.
- HOUCK, ELIZABETH ANN. *Major, Economics*, 1943-47.
Shenandoah, Pa. Prepared by the Cooper High School, Shenandoah, and
Hannah More Academy, Reisterstown, Md.
- HOUZE, JANET ANN. 1945-47.
Westport, Conn. Prepared by Kendall Hall, Peterborough, N. H.
- HUGHES, EMILIE BAKER. 1946-47.
Wayne, Pa. Transferred from Wilson College.
- HUNT, PRISCILLA JANE. 1946-47.
Fort Wayne, Ind. Prepared by the North Side High School, Fort Wayne.
- HURWITZ, DOREEN. *Major, French*, 1943-47.
Washington, D. C. Prepared by the Maret School, Washington. Book Shop
Scholar, 1946-47.
- HUSZAGH, DIANE. 1945-47.
Barrington, Ill. Prepared by the Ela Township High School, Lake Zurich, Ill.,
and the Barrington High School. Alumnae Regional Scholar, 1945-47.
- HUYSSOON, JOAN. *Major, German*, 1944-47.
New York, N. Y. Prepared by the White Plains High School, White Plains,
N. Y. Alumnae Regional Scholar, 1944-46. Junior Year in Switzerland,
1946-47.

- HYATT, ELIZABETH DARST *Major, English*, 1943-47.
Pinehurst, N. C. Prepared by Southern Pines High School, Southern Pines,
N. C., and Rosemary Hall, Greenwich, Conn.
- IDE, ALMA *Major, Psychology*, 1944-47.
Riverdale, N. Y. Prepared by the Fieldston School, New York, N. Y.
- IHLEN, SIGNE 1946-47.
New York, N. Y. Transferred from the University of Oslo. American-Scan-
dinavian Foundation Honorary Fellow, 1946-47.
- INCHES, SUSAN BRIMMER *Major, Classical Archaeology*, 1944-47.
Chestnut Hill, Mass. Prepared by the Winsor School, Boston, Mass.
- ISRAEL, MARY EVE 1945-47.
New York, N. Y. Prepared by the Hunter College High School, New York.
- JACKSON, FLORA 1945-47.
Tuscarora, Nevada. Prepared by Westover School, Middlebury, Conn.
- JACKSON, LEILA DEAN *Major, History*, 1942-44, 1946-47.
St. Paul, Minn. Prepared by the Summit School, St. Paul.
- JENSEN, KATHLEEN HOLLIDAY *Major, Chemistry*, 1943-47.
Owings Mills, Md. Prepared by the Garrison Forest School, Garrison, Md.
- JOHN, MARIAN CLIFFORD 1945-47.
Washington, D. C. Prepared by the National Cathedral School, Washington.
- JOHNS, JOAN LEE 1946-47.
New York, N. Y. Prepared by the John Burroughs School, Clayton, Mo.
- JOHNSON, FLORENCE MARIE 1946-47.
Montclair, N. J. Prepared by the Kimberley School, Montclair.
- JOHNSON, MARJORY HOLT *Major, English*, 1943-47.
Wilkes-Barre, Pa. Prepared by the Meyers High School, Wilkes-Barre, and
Wyoming Seminary, Kingston, Pa.
- JOHNSON, MARY VIRGINIA *Major, History*, 1943-45, 1946-47.
Washington, D. C. Prepared by the Roosevelt High School, Seattle, Wash. Amy
Sussman Steinhart Scholar, 1943-44; Amelia Richards Memorial Scholar,
1944-45.
- JOHNSON, PRISCILLA MARY POST 1946-47.
Locust Valley, L. I., N. Y. Prepared by the Greenvale School, Roslyn, L. I.,
N. Y., and the Brearley School, New York, N. Y.
- JOHNSON, ROSE GORDON *Major, Chemistry*, 1943-47.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore, and Foxcroft,
Middleburg, Va.
- JOHNSON, VIVIAN IRWIN 1945-47.
Pittsburgh, Pa. Prepared by the Rye Country Day School, Rye, N. Y.
- JONES, DOROTHY WILTON *Major, Economics*, 1943-47.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore, Md.
- JONES, ELLEN MARY 1946-47.
Philadelphia, Pa. Prepared by the Convent of the Sacred Heart, Overbrook, Pa.
- JONES, MARTY JANE 1945-46; Sem. I., 1946-47.
Buffalo, N. Y. Prepared by St. Mary's Seminary, Buffalo.
- KALTENTHALER, ELIZABETH BROOKS *Major, Chemistry*, 1943-47.
Wynnewood, Pa. Prepared by the Baldwin School, Bryn Mawr, Pa.
- KANE, ROSAMOND *Major, Biology*, 1944-47.
Scarsdale, N. Y. Prepared by the Brearley School, New York, N. Y.

- KAPPES, CHRISTEL.....*Major, Chemistry*, 1946-47.
North Babylon, L. I., N. Y. Transferred from the American College for Women, Beirut, Lebanon.
- KARTIGANER, GERALDINE.....1945-47.
New York, N. Y. Prepared by Birch Wathen, New York.
- KAUFMANN, HOPE D.....*Major, Spanish*, 1944-47.
New Canaan, Conn. Prepared by Rosemary Hall, Greenwich, Conn.
- KEFFER, NELLY JANE.....*Major, Biology*, 1944-47.
Overbrook, Pa. Prepared by the Agnes Irwin School, Wynnewood, Pa.
- KELLER, PATRICIA HELEN.....1945-47.
Chesterland, Ohio. Prepared by the Cleveland Heights High School, Cleveland Heights, Ohio.
- KELLEY, SUSAN.....1945-47.
Kew Gardens, L. I., N. Y. Prepared by the Forest Hills High School, Forest Hills, N. Y.
- KENLY, NANCY BUNCE.....1946-47.
White Plains, N. Y. Prepared by the White Plains High School.
- KENNARD, ELIZABETH DUFFY.....1945-47.
New Orleans, La. Prepared by the Balboa High School, Canal Zone, Panama, and the Louise S. McGehee School, New Orleans.
- KEVIN, RUTH JANE.....*Major, Mathematics*, 1944-47.
Alexandria, Va. Prepared by St. Agnes School, Alexandria.
- KILI, SAHIKA SUNA.....*Major, Politics*, Sem. II., 1946-47.
Turkey. Prepared by the American College for Girls, Istanbul.
- KILLOUGH, LOIS LINN.....*Major, Geology*, 1943-47.
Baytown, Tex. Prepared by the Lee High School, Goose Creek, Tex.
- KING, CAROLYN.....*Major, History of Art*, 1944-47.
Wellesley Hills, Mass. Prepared by the Walnut Hill School, Natick, Mass.
- KINGSBURY, ANNE EVELYN.....*Major, Latin*, 1943-47.
Skaneateles, N. Y. Prepared by the Skaneateles High School. Marion Edwards Park Alumnae Scholar, 1943-44; Alumnae Association Scholar, 1944-45; Mary E. Stevens Scholar, 1945-46; Mary Anna Longstreth Memorial Scholar, 1946-47.
- KIRPALANI, INDRA.....*Major, Politics*, 1944-47.
New York, N. Y. Prepared by the Convent of Jesus and Mary, New Delhi, India.
- KIRSCHBAUM, ANNE WEYL,
Major, Politics, Sem. II., 1945-46; 1946-47.
Elkins Park, Pa. Transferred from Antioch College.
- KLEIN, ADA CLAYTON.....*Major, Spanish*, 1944-47.
Naugatuck, Conn. Prepared by St. Margaret's School, Waterbury, Conn. Junior Year in Mexico, 1946-47.
- KNAPLUND, KATHERINE BARBARA.....1945-47.
Madison, Wis. Prepared by the West High School, Madison. Class of 1920 Scholar, 1945-46; Alumnae Regional Scholar, 1945-47.
- KNETTLE, NANCY ANN...*Major, English*, Sem. II., 1944-45; 1945-47.
Seattle, Wash. Transferred from the State College of Washington.
- KNUDSON, HELEN ELIZABETH.....1946-47.
Seattle, Wash. Prepared by the Roosevelt High School, Seattle. Amy Sussman Steinhart Scholar, 1946-47.

- KOLKER, ELAINE BETTE 1945-47.
Baltimore, Md. Prepared by the Western High School, Baltimore.
- KRAFFERT, NANCY HEATH *Major, Chemistry*, 1943-47.
Titusville, Pa. Prepared by the Colestock High School, Titusville, and the
Foxhollow School, Lenox, Mass.
- KRAFFT, EVA *Major, Biology*, 1943-47.
Chicago, Ill. Prepared by the Lake View High School, Chicago, and the
Francis W. Parker School, Chicago. Charlotte Wiles Kimbrough Memorial
Scholar, 1943-45; Alumnae Regional Scholar, 1943-47; Elizabeth Wilson
White Memorial Scholar, 1945-46.
- KROGNESS, KATHARINE 1945-47.
Cleveland Heights, Ohio. Prepared by Hacienda del Sol, Tucson, Ariz., and
Greenwich Academy, Greenwich, Conn.
- KRUEGER, MARGERY HANNA *Major, History*, 1946-47.
St. Paul, Minn. Transferred from the University of Minnesota.
- KUHN, CONSUELO HOUSEWORTH *Major, Chemistry*, 1944-47.
Princeton, N. J. Prepared by Miss Fine's School, Princeton.
- KUNHARDT, NANCY *Major, English*, 1944-47.
Morristown, N. J. Prepared by the Kent Place School, Summit, N. J., and the
Brearley School, New York, N. Y.
- LA GRANDE, EDYTHE 1945-47.
Coytesville, N. J. Prepared by the Dwight Morrow High School, Englewood,
N. J.
- LANDAU, JANINE *Major, English*, 1944-47.
New York, N. Y. Prepared by Collegio Aldridge, Rio de Janeiro, Brazil, and
the Fieldston School, New York.
- LANDRETH, KATHERINE *Major, History*, 1944-47.
Los Angeles, Calif. Prepared by the Westridge School, Pasadena, Calif., and
the Katharine Branson School, Ross, Calif. Amy Sussman Steinhart Scholar,
1944-45; holder of the Susan Shober Cary Award, 1946-47; Bryn Mawr Club
of Southern California Scholar, 1945-47; Evelyn Hunt Scholar, 1945-46.
- LANIN, BETTY ANN 1946-47.
Philadelphia, Pa. Prepared by the Atlantic City High School, Atlantic City,
N. J.
- LAWLESS, JAMES AUGUSTINE, 2ND 1946-47.
Devon, Pa. Prepared by the Tredyffrin-Easttown High School, Berwyn, Pa.,
and the Stony Brook School, L. I., N. Y.
- LAWSON, ESTELLE DALLAS ROSE 1946-47.
Dedham, Mass. Prepared by Milton Academy, Milton, Mass.
- LAWSON, MARY ELIZABETH 1945-47.
Piedmont, Calif. Prepared by the Piedmont High School. Seven College
National Scholar, 1945-46.
- LEMAY, BARBARA *Major, Economics*, 1944-47.
Saranac Lake, N. Y. Prepared by Foxcroft, Middleburg, Va.
- LEVIN, BEVERLY 1945-47.
Beverly Hills, Calif. Prepared by the Jackson High School, Charleston, W. Va.
- LEVIN, JOY *Major, Chemistry*, 1943-47.
Beverly Hills, Calif. Prepared by the Jackson High School, Charleston, W. Va.
- LEVIN, MARY *Major, Sociology*, 1943-47.
York, Pa. Prepared by the Penn High School, York. Mary McLean and Ellen
A. Murter Memorial Scholar, 1944-47; Bookshop Scholar, 1945-46.
- LEVY, JESSICA *Major, English*, 1944-47.
New York, N. Y. Prepared by the Brearley School, New York.

- LEWELLYN, NANCY LOUISE 1946-47.
Uniontown, Pa. Prepared by the Uniontown High School and the Kent Place School, Summit, N. J.
- LEWIS, LUCILLE BRICKER *Major, Politics*, 1944-47.
Worcester, Pa. Prepared by the Eisenhower High School, Norristown, Pa.
- LEWIS, LYNN 1946-47.
Rengo, Chile. Prepared by Santiago College, Chile, and Liceo de Ninas, Santiago, Chile.
- LEWIS, MILENA LOUISE 1946-47.
New York, N. Y. Prepared by the Friends Academy, Locust Valley, L. I., N. Y. Undergraduate Association Scholar, 1946-47.
- LI, SUETSE 1946-47.
Rosemont, Pa. Prepared by private tutoring and the Baldwin School, Bryn Mawr, Pa.
- LIEBERMAN, SYLVIA FLORA 1946-47.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia. Trustees' Scholar, 1946-47.
- LIGHTFOOT, BARBARA VICTORIA 1946-47.
Maspeth, L. I., N. Y. Prepared by Kemper Hall, Kenosha, Wis. Alumnae Regional Scholar, 1946-47.
- LILLY, ELIZABETH GRANT *Major, English*, 1943-47.
Saugatuck, Conn. Prepared by the Emma Willard School, Troy, N. Y.
- LOBO, TERESA 1946-47.
Mexico, D. F., Mexico. Prepared by Academia Hispano Mexicana, Mexico. International Institute for Girls in Spain Scholar and Special Trustees' Scholar, 1946-47.
- LOGAN, RICHARD CHISHOLM 1946-47.
Bryn Mawr, Pa. Prepared by the Quincy High School, Quincy, Mass.
- LOOMIS, SALLY WISNER 1945-47.
New York, N. Y. Prepared by the Chapin School, New York.
- LORD, CATHERINE 1946-47.
Plymouth, Mass. Prepared by Wolmer's High School for Girls, Kingston, Jamaica, and the Winsor School, Boston, Mass. Charles B. Hosmer and American Foreign Service Association Scholar, 1946-47.
- LOVEJOY, CYNTHIA 1946-47.
Detroit, Mich. Prepared by the Liggett School, Detroit. Alumnae Regional Scholar, 1946-47.
- LOW, MARJORIE ANNE 1946-47.
Washington, D. C. Prepared by the Sidwell Friends School, Washington.
- LUKENS, MARIE GRANT Sem. I., 1946-47.
Chestnut Hill, Philadelphia, Pa. Prepared by the Springside School, Chestnut Hill and Chatham Hall, Chatham, Va.
- LULEY, SHARON 1945-47.
Old Greenwich, Conn. Prepared by Fornachon Hall, Ridgewood, N. J., and Dana Hall, Wellesley, Mass.
- LUND, ZOE 1945-47.
East Providence, R. I. Prepared by the Lincoln School, Providence. Alumnae Regional Scholar, 1945-46.
- LUTLEY, MARY EDITH 1945-47.
Wynnewood, Pa. Prepared by the Canadian School, Chengtu, China, and the Woodstock School, Mussoorie, India.

- LUTZ, JEANNE. *Major, Politics*, 1944-47.
Lansdowne, Pa. Prepared by the Upper Darby High School, Upper Darby, Pa.
Trustees' Scholar, 1944-46. Junior Year in Switzerland, 1946-47.
- MACALLISTER, JEAN L. *Major, Sociology*, 1944-47.
Princeton, N. J. Prepared by the Princeton High School, and Miss Fine's
School, Princeton. Princeton Women's College Club Scholar, and Class of
1938 Entrance Scholar, 1944-45; Alumnae Regional Scholar, 1945-46; Bryn
Mawr Club of Princeton, N. J., Scholar, 1944-45, 1946-47.
- MACATEE, JANE EMMET. 1944-45, 1946-47.
Washington, D. C. Prepared by Gunston Hall, Washington, and the Madeira
School, Greenway, Va.
- MACCABE, CECELIA NORFOLK 1946-47.
Hartford, Conn. Prepared by the Oxford School, Hartford.
- MACDONALD, MARTHA A. *Major, French*, 1943-47.
Milton, Mass. Prepared by the Milton High School, and the Winsor School,
Boston, Mass.
- MACONI, LOIS MARGUERITE. 1946-47.
Hamden, Conn. Prepared by the Hamden High School.
- MACVEAGH, EVELYN MILLS. Sem. I., 1944-45; 1946-47.
Portland, Ore. Prepared by the Catlin School, Portland.
- MAHAKIAN, SETA N. 1946-47.
Hamden, Conn. Prepared by the Gateway School, New Haven, Conn. Susau
Walker FitzGerald Memorial Scholar, 1946-47.
- MAHIEU, LUCILLE BAILEY. 1946-47.
Lawrence, Kans. Transferred from the University of Kansas.
- MALONEY, MARY CATHERINE. 1945-47.
Forty Fort, Pa. Prepared by Wyoming Seminary, Kingston, Pa.
- MANGRAVITE, THOMAS 1946-47.
Flushing, N. Y. Prepared by the Flushing High School.
- MARBURY, PRISCILLA WORTHINGTON. 1946-47.
Upper Marlboro, Md. Prepared by the Holton-Arms School, Washington, D. C.
- MARK, JOYCE MARY 1946-47.
Morristown, N. J. Prepared by the Peck School, Morristown, and the Convent
of the Sacred Heart, Noroton, Conn.
- MARSHALL, MARY B. 1946-47.
Swarthmore, Pa. Prepared by the Swarthmore High School.
- MARTIN, HELEN HUNTINGTON. 1945-47.
Columbus, Ohio. Prepared by the Columbus School for Girls. Alumnae Regional
Scholar, 1945-46; Book Shop Scholar, 1946-47.
- MARTIN, NANCY. 1945-47.
Washington, D. C. Prepared by the Holton-Arms School, Washington. Alumnae
Regional Scholar and Edwin Gould Foundation Scholar, 1945-47.
- MARVIN, FRANKIE SCHERL. 1945-47.
Indian Hill, Ohio. Prepared by the Hillsdale School, Cincinnati, Ohio.
- MATHIAS, THERESA. *Major, English*, 1944-47.
Frederick, Md. Transferred from Hood College.
- MCCLENAHAN, ALIDA BAIRD. 1946-47.
Wayne, Pa. Prepared by the Shipley School, Bryn Mawr, Pa. Frances Marion
Simpson Scholar, 1946-47.
- MCCLURE, ELIZABETH ANNE. *Major, History*, 1944-47.
Collegeville, Pa. Prepared by the Baldwin School, Bryn Mawr, Pa. Alumnae
Regional Scholar, 1944-47.

- MCCONNELL, RUTH MARGARET 1946-47.
Philadelphia, Pa. Prepared by the Roxborough High School, Philadelphia.
Trustees' Scholar, 1946-47.
- McFADDEN, MARTHA BOWMAN *Major, Sociology*, 1943-47.
Merion, Pa. Prepared by the Baldwin School, Bryn Mawr, Pa.
- McGOVERN, CAROL MONTGOMERY *Major, Politics*, 1944-47.
Evanston, Ill. Prepared by the Evanston Township High School, Evanston;
the Tubman High School, Augusta, Ga.; the Bethesda-Chevy Chase High
School, Bethesda, Md., and the Woodrow Wilson High School, Washington,
D. C. Alumnae Regional Scholar, 1944-46; Scholar of the Women's Club of
Chevy Chase, 1944-45; Maria Hopper Scholar, 1945-46; Georgie W. Yeatman
Scholar, 1946-47.
- McILVRIED, MARY JEAN *Major, Sociology*, 1943-47.
Munhall, Pa. Prepared by the Winchester-Thurston School, Pittsburgh.
- McINTYRE, SALLY VIRGINIA 1945-47.
Huntington, N. Y. Prepared by Friends Academy, Locust Valley, L. I., N. Y.,
and Rosemary Hall, Greenwich, Conn.
- McKEE, ANN M. 1945-47.
Pittsburgh, Pa. Prepared by the Bellevue High School, Pittsburgh.
- McKOWN, ELIZABETH COURTNEY *Major, English*, 1943-47.
Sewickley, Pa. Prepared by Sewickley Academy, and the Madeira School,
Greenway, Va.
- McLEAN, MARGARET ANN *Major, Psychology*, 1943-47.
Holland, Mich. Prepared by the Holland High School, and Dana Hall, Welles-
ley, Mass.
- McLEOD, BETSY HOLMES 1946-47.
Pittsburgh, Pa. Prepared by the Garrison Forest School, Garrison, Md.
- McMASTER, ANNETTE SHELDON 1946-47.
New York, N. Y. Prepared by the Spence School, New York.
- MECHLIN, MARGARET AMELIE,
Major, History of Art, 1943-45, 1946-47.
Washington, D. C. Prepared by the National Cathedral School, Washington, the
Madeira School, Greenway, Va., and the Holton-Arms School, Washington.
- METZGER, RUTH 1946-47.
Cambridge, Mass. Prepared by the Buckingham School, Cambridge. Alumnae
Regional Scholar, 1946-47.
- MEYER, DOROTHY JOAN 1946-47.
Yonkers, N. Y. Prepared by Brantwood Hall, Bronxville, N. Y., and the Hal-
sted School, Yonkers.
- MEZGER, ROTRAUD ANNE-ELSE *Major, History*, 1944-47.
Bridgeport, Pa. Prepared by the Upper Merion Township High School, Bridge-
port.
- MILLER, JACQUELYN *Major, English*, 1943-47.
New York, N. Y. Prepared by the Fieldston School, New York.
- MILLER, LOIS RUTH 1946-47
New York, N. Y. Prepared by the South Side High School, Rockville Centre,
N. Y.
- MILLER, MARGARET ELIZABETH *Major, Philosophy*, 1944-47.
Washington, D. C. Prepared by the Coolidge High School, Washington. Edwin
Gould Foundation Scholar, 1944-47.

- MILLS, MARY ANN. *Major, Economics*, 1944-47.
Pottstown, Pa. Prepared by the Pottstown High School, and the National Cathedral School, Washington, D. C.
- MINTON, GALE DINSMORE. 1945-47.
Lawrenceville, N. J. Prepared by Rosemary Hall, Greenwich, Conn.
- MOL, ANITA. *Major, Biology*, Sem. II., 1945-46; 1946-47.
Hohokus, N. J. Transferred from the University of Vienna.
- MOOG, ALAINE RAE. *Major, English*, 1943-47.
St. Louis, Mo. Prepared by Mary Institute. Clayton, Mo.
- MOREHOUSE, NANCY ANDERSON. *Major, History*, 1943-47.
Princeton, N. J. Prepared by the Wisconsin High School, Madison, Wis., and Miss Fine's School, Princeton. Princeton Women's College Club Scholar, 1943-44; Elizabeth Duane Gillespie Scholar in American History, 1945-46.
- MORRIS, MARCIA. 1945-47.
Sewickley, Pa. Prepared by Sewickley Academy, and Rosemary Hall, Greenwich, Conn. Alumnae Regional Scholar, 1945-46; Class of 1902 Scholar, 1946-47.
- MORRIS, MARGARET THOMURE. 1945-47.
Washington, D. C. Prepared by the American School Foundation, Mexico City, and the Western High School, Washington.
- MORRISON, MARY HELEN. 1946-47.
Chevy Chase, Md. Prepared by the Bethesda-Chevy Chase High School, Bethesda, Md.
- MOSSMAN, MARY. *Major, History of Art*, 1943-47.
Gardner, Mass. Prepared by the Gardner High School.
- MOTT, JOANNE. *Major, French*, 1943-47.
Ardmore, Pa. Prepared by the Atlantic City High School, Atlantic City, N. J., and the Lower Merion Township High School, Ardmore, Pa. Mary Anna Longstreth Memorial Scholar, 1944-45; French Government Scholar, 1945-46; Special Scholar, 1946-47.
- MOYER, JUNE ANNE. 1946-47.
Glenside, Pa. Prepared by the Cheltenham Township High School, Elkins Park, Pa.
- MUELLER, MARY-ELIZABETH. 1945-47.
Winchester, Mass. Prepared by the Mountain Lakes High School, Mountain Lakes, N. J., and the Winchester High School. Teachers' Club of Winchester, Mass., High School Scholar, 1945-46.
- MUTCH, ELIZABETH ARCHIBALD. 1946-47.
Morristown, N. J. Prepared by the Peck School, Morristown, and the Kent Place School, Summit, N. J. Alumnae Regional Scholar, 1946-47.
- NAFE, FRANCES LOUISE. *Major, Physics*, 1944-47.
Indianapolis, Ind. Prepared by the Shortridge High School, Indianapolis, and Tudor Hall, Indianapolis.
- NEILS, PATRICIA. *Major, Greek*, 1944-47.
Minneapolis, Minn. Prepared by the Northrop Collegiate School, Minneapolis.
- NELIDOW, IRINA. 1946-47.
New York, N. Y. Prepared by the Chapin School, New York.
- NELSON, HAZEL IRENE. *Major, Sociology*, 1944-47.
Milford, Mass. Prepared by the Milford High School.
- NELSON, MILDRED FRANCES. *Major, Politics*, 1943-47.
Milford, Mass. Prepared by the Milford High School.
- NEUBAUER, SUSAN. 1946-47.
New York, N. Y. Prepared by the Cathedral Girls School, Shanghai, China.

- NEWBOLD, ANNE TROTTER 1946-47.
Flourtown, Pa. Prepared by the Springside School, Chestnut Hill, Pa., and Westover School, Middlebury, Conn.
- NICELY, JUDITH ANNE 1946-47.
New York, N. Y. Prepared by the Chapin School, New York.
- NICHOL, DOROTHY PATRICIA 1946-47.
Miami, Fla. Prepared by the Ponce de Leon High School, Coral Gables, Fla., the Miami High School, Miami, and Miss Harris' Florida School, Miami.
- NUGENT, BARBARA *Major, History*, 1944-47.
New York, N. Y. Prepared by the Westlake School, Los Angeles, Calif., and the Brearley School, New York. Junior Year in Switzerland, 1946-47.
- NYSTROM, ANNE M. *Major, Politics*, 1944-47.
Barrington, R. I. Prepared by the Peek High School, Barrington, and Dean Academy, Franklin, Mass.
- OATES, ROSALIND *Major, History*, 1944-47.
Lake Forest, Ill. Prepared by the Lake Forest Day School, and the Garrison Forest School, Garrison, Md.
- ONEIL, MARGHRITA LARIMER *Major, Mathematics*, 1943-47.
Chestnut Hill, Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia. Harry F. Keller (Germantown High School) Memorial Scholar, 1943-44.
- ORLOV, BETTY ANN *Major, History*, 1943-45, 1946-47.
Brookline, Mass. Prepared by the Brookline High School.
- OSLER, EVE JANET 1946-47.
Montreal, Canada. Transferred from McGill University.
- PAGE, BETTY-BRIGHT 1945-47.
New Orleans, La. Prepared by the Isidore Newman School, New Orleans. Seven College National Scholar, 1945-47.
- PARKER, ROSALIE BRYANT *Major, Sociology*, 1943-44, 1945-47.
Brooklyn, N. Y. Prepared by Berkeley Institute, Brooklyn.
- PARKER, SHEILA MARGARET *Major, Philosophy*, 1945-47.
Rochester, Minn. Transferred from Trinity College, University of Dublin.
- PARSONS, FRANCES DOROTHEA *Major, History*, 1945-47,
West Orange, N. J. Transferred from Wellesley College.
- PARTRIDGE, CLARE *Major, Mathematics*, 1944-47.
Mt. Vernon, N. Y. Prepared by the Sacred Heart School, Budapest, and the Brearley School, New York. Alumnae Regional Scholar, 1944-47.
- PATTISON, GERRY *Major, Politics*, 1943-47.
White Plains, N. Y. Prepared by the White Plains High School.
- PEAKE, MIRAED MORRISON 1945-47.
New York, N. Y. Prepared by the Warrenton Country School, Warrenton, Va.
- PEARSON, JEAN LOWRY 1945-47.
Brocton, Mass. Prepared by the Brockton High School. College Club of Brockton, Mass., Scholar, 1945-46; Alumnae Regional Scholar, 1945-47.
- PERLMAN, RUTH-LEE *Major, Politics*, 1944-46; Sem. II., 1946-47.
Great Neck, L. I., N. Y. Transferred from the University of Manitoba.
- PETERS, MARILYN RUTH 1945-47.
Allentown, Pa. Prepared by the Allentown High School.
- PICKENS, CORNELIA STANTON *Major, Latin*, 1943-47.
Ashburn, Va. Prepared by the Shipley School, Bryn Mawr, Pa., and the Sidwell Friends School, Washington, D. C.

- PIERI, JEANNE MARGOT 1946-47.
Syracuse, N. Y. Prepared by the Goodyear-Burlingame School, Syracuse.
- PINCH, MARY RODGERS *Major, Chemistry*, 1943-47.
Libertyville, Ill. Prepared by the Colt Memorial High School, Bristol, R. I.,
and the Lincoln School, Providence, R. I. Holder of the second Alice Ferree
Hayt Memorial Award, 1945-46.
- PIIT, CAROL VAN LOAN *Major, Psychology*, 1944-47.
Loudonville, N. Y. Prepared by St. Agnes School, Albany, N. Y.
- PLATT, CLARISSA 1945-47.
New York, N. Y. Prepared by the Brearley School, New York. Anne Dunn
(Brearley School) Scholar, 1945-46.
- POLAKOFF, JOAN ERNA *Major, Sociology*, 1943-47.
New York, N. Y. Prepared by Birch Wathen, New York.
- POLAKOFF, NANCY RITA 1946-47.
New York, N. Y. Prepared by Birch Wathen, New York.
- POLAND, HELEN BELLE *Major, Economics*, 1943-47.
Reading, Mass. Prepared by the Reading High School.
- POPE, LOUISE TWADDELL 1945-47.
Lake Forest, Ill. Prepared by the Lake Forest High School. Alumnae Regional
Scholar, 1945-47.
- PORTER, MARY ELIZABETH 1946-47.
Brookline, Mass. Prepared by Milton Academy, Milton, Mass.
- POTTER, PATRICIA LEE *Sem. II.*, 1946-47.
New York, N. Y. Prepared by the Spence School, New York, and Finch Junior
College, New York.
- PUTNEY, FRANCES KATHARINE 1946-47.
Lenox, Mass. Prepared by Foxhollow School, Lenox.
- QUINN, MARGARET JOSEPHINE *Major, Chemistry*, 1943-47.
Philadelphia, Pa. Prepared by the Philadelphia High School for Girls. Lidie
C. Bower Saul Scholar, 1943-47.
- RAAB, MARILYN ZELDA *Major, Philosophy*, 1943-47.
Philadelphia, Pa. Prepared by the West Philadelphia High School.
- RANSOM, EVELYN PATRICIA 1945-47.
Lake Mahopac, N. Y. Prepared by the Lake Mahopac High School, and St.
Mary's School, Peekskill, N. Y.
- RASKIND, JOSEPHINE 1946-47.
Forest Hills, N. Y. Prepared by the Forest Hills High School. Westinghouse
Science Scholar, 1946-47.
- RAU, ROBIN 1946-47.
Memphis, Tenn. Prepared by St. Agnes School, Alexandria, Va.
- REDROW, JEANNE *Major, German*, 1944-47.
Cincinnati, Ohio. Prepared by the Walnut Hills High School, Cincinnati.
Alumnae Regional Scholar, 1944-46. Junior Year in Switzerland, 1946-47.
- REICHHARD, LOIS *Major, Psychology*, 1943-47.
Larchmont, N. Y. Prepared by the Westfield High School, Westfield, N. J.
- REVICI, ECATERINE FANITA *Major, Biology*, 1945-47.
New York, N. Y. Prepared by Lycée Franco-Mexicain, Mexico City. Under-
graduate Association Scholar, 1945-46; Special Trustees' Scholar, 1946-47.
- REYNICK, AVIS-BIGELOW *Major, French*, 1943-47.
New Orleans, La. Prepared by the Metairie Park Country Day School, New
Orleans. Alumnae Regional Scholar, 1943-44; Class of 1917 Special Scholar,
1944-45.

- RIDER, CHARLOTTE *Major, Classical Archæology*, 1943-47.
Bridgeport, Conn. Prepared by the Harding High School, Bridgeport. Alumnae
Regional Scholar, 1943-47; Class of 1941 Special Scholar, 1944-45.
- RIGGS, ALETHEA 1946-47.
Philadelphia, Pa. Prepared by St. Mary's School, Peekskill, N. Y.
- RIKER, LOUISE 1946-47.
Newark, N. J. Prepared by Miss Beard's School, Orange, N. J., and the
Masters School, Dobbs Ferry, N. Y.
- RILEY, NANCY LEE 1946-47.
Salina, Kans. Prepared by the Salina High School.
- RINGWALT, LOUISE *Major, Politics*, 1943-47.
Washington, D. C. Prepared by Miss Burke's School, San Francisco, Calif.,
and Brownell Hall, Omaha, Neb.
- RIPLEY, MARY PATRICIA 1946-47.
New York, N. Y. Prepared by the Garrison Forest School, Garrison, Md.
- RIPLEY, PHILLIS OGAN *Major, History*, 1944-47.
Troy, N. H. Prepared by the Troy High School, and Dana Hall, Wellesley,
Mass.
- ROBBIN, ELLEN C. *Major, Mathematics*, 1944-46; Sem. I., 1946-47.
Summit, N. J. Prepared by the Vail-Deane School, Elizabeth, N. J., and the
Kent Place School, Summit.
- ROBBINS, JOAN ROSLYN HARRIET 1945-47.
Trenton, N. J. Prepared by the Trenton High School.
- ROBILLARD, ALTHEA *Major, Psychology*, 1943-47.
Buffalo, N. Y. Prepared by the Bennett High School, Buffalo, and Abbot
Academy, Andover, Mass.
- ROBINSON, BERNICE *Major, German*, 1944-47.
New York, N. Y. Prepared by the Dalton School, New York. Junior Year in
Switzerland, 1946-47.
- ROCK, ANN JANE 1946-47.
West Roxbury, Mass. Prepared by Milton Academy, Milton, Mass.
- RODES, HARRIET HALL 1946-47.
Clayton, Mo. Prepared by the John Burroughs School, St. Louis, Mo.
- ROGERS, LUCIA *Major, History*, 1944-45, 1946-47.
Newton Center, Mass. Prepared by the Winsor School, Boston, Mass.
- ROSENBAUM, EVA 1946-47.
New York, N. Y. Prepared by the Hunter College High School, New York.
- ROSENBERG,¹ DOROTHY DEUTSCH *Major, English*, 1943-47.
New York, N. Y. Prepared by the Fieldston School, New York.
- ROSS, CARYL *Major, Politics*, 1943-47.
Swampscott, Mass. Prepared by the Swampscott High School.
- ROSS, CLAIRE *Major, History of Art*, 1943-47.
Swampscott, Mass. Prepared by the Swampscott High School.
- ROTCH, EDITH ELIOT 1946-47.
Milton, Mass. Prepared by Milton Academy.
- ROTHSCHILD, CONSTANCE LENORE *Major, History*, 1943-47.
Scarsdale, N. Y. Prepared by the Scarsdale High School.
- ROUCHAUD, MARTINE *Hearer, Sem. II.*, 1946-47.
New York, N. Y. Prepared by Cours Bouter de Mourel, Paris, and Lycée
Perier Marseille, Paris.

¹ Mrs. Lee S. Rosenberg.

- ROWLEY, KATHLEEN ALICIA.....1946-47.
Collingdale, Pa. Prepared by the Academy of the Holy Child Jesus, Sharon Hill, Pa.
- RUBSAM, ELEANOR TALCOTT1946-47.
New York, N. Y. Transferred from Barnard College.
- RUDD, MARGARET ELIZABETH.....*Major, English*, 1943-47.
New York, N. Y. Prepared by the Brearley School, New York.
- RUNTON, WINIFRED FLORENCE.....1946-47.
Dracut, Mass. Prepared by Rogers Hall, Lowell, Mass., and Milton Academy, Milton, Mass.
- SALAS,¹ JEANNE BOYER.....*Major, Sociology*, 1943-47.
Pottsville, Pa. Prepared by the Moorestown Friends School, Moorestown, N. J. Alumnae Regional Scholar, 1943-47; Shippen Huidekoper Scholar, 1944-47.
- SCHAEFER, MARY HARDING NAGLE.....*Major, Politics*, 1943-47.
Wyncote, Pa. Prepared by the Germantown Friends' School, Philadelphia, Pa.
- SCHMIDT, ANN FONTAINE.....1945-47.
New York, N. Y. Prepared by the Bishop's School, LaJolla, Calif. Amy Sussman Steinhart Scholar, 1945-46; Elizabeth Wilson White Memorial Scholar, 1946-47.
- SCHWARTZ, NANCY ELINOR.....*Major, History*, 1944-47.
New York, N. Y. Prepared by the Brearley School, New York.
- SCOTT, CHARLOTTE NEWELL.....1946-47.
Orlando, Fla. Prepared by the Orlando High School.
- SCOTT, ROSALIE BOCKIUS.....*Major, Spanish*, 1942-44, 1946-47.
West Chester, Pa. Prepared by the Westtown School, Westtown, Pa., and the West Chester High School. Junior Year in Mexico, 1945-46.
- SEAMANS, CAROLINE ELIZABETH....*Major, History of Art*, 1943-47.
Richmond, N. H. Prepared by the Brookline High School, Brookline, Mass. Tau Beta Beta Scholar, 1943-47.
- SEIDEMAN, ANN1945-47.
Merion, Pa. Prepared by the Lower Merion Township High School, Ardmore, Pa.
- SEXTON, ELLEN SHAW1946-47.
Greenwich, Conn. Prepared by the Greenwich High School.
- SHAPIRO, ENID SELMA1945-47.
Pelham Manor, N. Y. Prepared by the Pelham Memorial High School.
- SHAPIRO, RUTH DIAMOND.....*Major, Spanish*, 1944-47.
Philadelphia, Pa. Prepared by the Philadelphia High School for Girls. Pennsylvania State Scholar, and Trustees' Scholar, 1944-47.
- SHAW, MARJORIE PEMBERTON.....1946-47.
Whitmarsh, Pa. Prepared by Westover School, Middlebury, Conn.
- SHELDON, LOUISE ROBERTS.....*Major, German*, 1944-47.
Waterbury, Conn. Prepared by St. Margaret's School, Waterbury. Junior Year in Switzerland, 1946-47.
- SHEPHERD, ELLEN WILLIAMS.....*Major, English*, 1943-47.
Boston, Mass. Prepared by the Winsor School, Boston.
- SHERMAN, LOIS ELIZABETH.....1945-47.
Columbus, Ohio. Prepared by the Upper Arlington High School, Upper Arlington, Ohio.

¹ Mrs. Olle Salas-Davila.

- SHERMAN, MARY HOYT. *Major, History, 1943-47.*
Barcelona, Venezuela. Prepared by Villa Duchesne, Clayton, Mo., and Georgetown Visitation Convent, Washington, D. C.
- SHINEY, MARGARET LOUISE. *Major, Psychology, 1944-47.*
McCracken, Kans. Prepared by the McCracken High School. Seven College National Scholar, 1944-47.
- SHROYER, ALICE WOOD. 1946-47.
Prairie View, Ill. Prepared by the Ela Township High School, Lake Zurich, Ill. Alumnae Regional Scholar, 1946-47.
- SHURE, ELLEN DELYSE. 1946-47.
Brooklyn, N. Y. Prepared by Adelphi Academy, Brooklyn.
- SINGER, HELEN BARBARA. 1945-47.
Amsterdam, N. Y. Prepared by the Lynch High School, Amsterdam, and the Walnut Hill School, Natick, Mass.
- SITARZ, ANNELIESE LOTTE. 1946-47.
Summit, N. J. Prepared by the Summit High School.
- SLOAN, DOROTHY BOSLER. 1946-47.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore.
- SLOSS, NANCY LOUISE. 1946-47.
Redwood City, Calif. Prepared by the Sequoia Union High School, Redwood City.
- SMITH, BARBARA ANN. 1946-47.
Wayne, Pa. Prepared by the Radnor Township High School, Wayne. Trustees' Scholar, 1946-47.
- SMITH, ELEANOR KATHLEEN. 1945-47.
Minneapolis, Minn. Prepared by the Northrop Collegiate School, Minneapolis.
- SMITH, ELIZABETH WILCOX. *Major, Politics, 1944-47.*
Waterbury, Conn. Prepared by St. Margaret's School, Waterbury, and Westover School, Middlebury, Conn.
- SMITH, ELLEN GRAVES. 1945-47.
Glencoe, Ill. Prepared by the New Trier Township High School, Winnetka, Ill.
- SMITH, ESTHER JOSEPHINE. *Major, Philosophy, 1943-47.*
Arlington, Mass. Prepared by the Arlington High School.
- SMUCKER, SARAH FLEEK. *Major, Psychology, 1944-47.*
Newark, Ohio. Prepared by the Newark High School.
- SMYTH, ALICE HAVENS. 1946-47.
Darien, Conn. Prepared by the Low-Heywood School, Stamford, Conn., and the Thomas School, Rowayton, Conn.
- SNYDER, FLORENCE AUGUSTA. 1946-47.
Baltimore, Md. Prepared by the Bryn Mawr School, Baltimore. Alumnae Regional Scholar, 1946-47.
- SOLA, DOLORES. 1946-47.
Cliffside Park, N. J. Prepared by the Cliffside Park High School.
- SPALDING, ELIZABETH IRWIN. 1945-47.
Portland, Me. Prepared by the Deering High School, Portland. Susan Walker Fitzgerald Memorial Scholar, 1945-46; Alumnae Regional Scholar, 1946-47.
- SPEARS, ELIZABETH CATESBY. *Major, English, 1944-47.*
Paris, Ky. Prepared by the Paris High School, and the National Cathedral School, Washington, D. C.
- SPEER, ELEANOR ROSE. *Major, English, 1945-47.*
Bryn Mawr, Pa. Transferred from Vassar College.

- SPIEGELBERG, YVONNE MARIE-LOUISE 1945-47.
New York, N. Y. Prepared by Drew Seminary, Carmel, N. Y.
- SPITZER, JOSEPHINE CAROLINE 1946-47.
Glenside, Pa. Prepared by the Abington High School, Abington, Pa.
- STALLINGS, SYLVIA *Major, English*, 1944-47.
Blanch, N. C. Prepared by the Brearley School, New York, N. Y. Alice Day Jackson Scholar, and Anne Dunn (Brearley School) Scholar, 1944-45; James E. Rhoads Memorial Sophomore Scholar, and Sheelah Kilroy Memorial Scholar in English, 1945-46; James E. Rhoads Memorial Junior Scholar, 1946-47.
- STEINERT, ELIZABETH *Major, Latin*, 1943-47.
Boston, Mass. Prepared by the Shore Country Day School, Beverly, Mass., and St. Catherine's School, Richmond, Va. Alumnae Regional Scholar, 1943-44.
- STEINHARDT, MIRIAM *Major, English*, 1943-47.
Albany, N. Y. Prepared by the Milne High School, Albany.
- STEPHENS, MARGARET DUMONT *Major, English*, 1943-47.
Arlington, Va. Prepared by the Western High School, Washington, D. C. Alumnae Regional Scholar, 1943-44; Leila Houghteling Memorial Scholar, 1944-47.
- STEWART, MARY *Major, History*, 1943-47.
Dublin, N. H. Prepared by the Brearley School, New York, N. Y.
- STILLMAN, PAMELA CHASE 1945-47.
New York, N. Y. Prepared by the Chapin School, New York, and Miss Porter's School, Farmington, Conn.
- STIX, BARBARA *Major, English*, 1943-47.
New York, N. Y. Prepared by the High School of Music and Art, New York.
- STODDARD, SANDOL *Major, Philosophy*, 1944-47.
North Haven, Conn. Prepared by Chatham Hall, Chatham, Va.
- STOLZENBERG, ETHEL 1946-47.
Brooklyn, N. Y. Prepared by the Erasmus Hall High School, Brooklyn. Alumnae Regional Scholar, 1946-47.
- STORROW, ANN APPLETON *Major, English*, 1944-47.
Boston, Mass. Prepared by the Winsor School, Boston. Nora Saltonstall (Winsor School) Scholar, 1944-46.
- STRAUB, SIBYL PLEASAUNCE *Major, Chemistry*, 1943-47.
Concord, Mass. Prepared by Institut Briner, Braubünden, Switzerland, Braubünder Kantonsschule, Switzerland, and the Cambridge School, Kendal Green, Mass.
- STREETER, LILIAN CARPENTER 1945-47.
Morristown, N. J. Prepared by the Chapin School, New York, N. Y., and Kent Place School, Summit, N. J.
- STRICKLER, NANCY C. *Major, Chemistry*, 1943-47.
Lancaster, Pa. Prepared by the Shippen School, Lancaster, and the Oak Grove School, Vassalboro, Me.
- STRUMIA, MARY ARLINE *Major, Italian*, 1944-47.
Penn Valley, Narberth, Pa. Prepared by the Shipley School, Bryn Mawr, Pa.
- SUNDERLAND, DOROTHY JOAN 1945-47.
New York, N. Y. Prepared by the Chapin School, New York.
- SURMACKA, ALINA *Major, Chemistry*, 1946-47.
Forest Hills, N. Y. Transferred from the Polytechnical School of Warsaw, Poland. Special Trustees' Scholar, 1946-47.
- SWITENDICK, JEAN M. *Major, Philosophy*, 1944-47.
Batavia, N. Y. Prepared by the Batavia High School.

- SWOPE, ELIZABETH HAYWARD. 1946-47.
 Newton, Mass. Prepared by the Radnor High School, Wayne, Pa., the Newton High School, and the Cambridge School, Weston, Mass.
- TAFF, MARCIA. *Major, German*, 1943-46; Sem. I., 1946-47.
 Kenosha, Wis. Prepared by Kemper Hall, Kenosha. Edwin Gould Foundation Scholar, 1943-47; Class of 1941 Special Scholar, 1944-45; Anna Hallowell Memorial Scholar, 1945-46; Alice Ferree Hayt Memorial Award, 1946-47; Thomas Powers Memorial Scholar, 1946-47.
- TALMAN, MARILYN EUNICE 1945-47.
 Worcester, Mass. Prepared by the Classical High School, Worcester, and the Bancroft School, Worcester.
- TAN, ELLEN 1945-47.
 Wayne, Pa. Prepared by the Holton-Arms School, Washington. Chinese Scholar, 1945-47.
- TANNER, KATHRYN. *Major, English*, 1943-47.
 Rutherfordton, N. C. Prepared by St. Catherine's School, Richmond, Va.
- TATNALL, SHEILA. 1945-47.
 Whitemarsh, Pa. Prepared by the Springside School, Chestnut Hill, Pa., the Brownmoor School, Santa Fé, N. M., the Jokake School, Phoenix, Ariz., and the Potter School, Tucson, Ariz.
- TAYLOR, MARIETTA PREWITT. *Major, English*, 1943-47.
 Winchester, Ky. Prepared by the Winchester High School.
- TAYLOR, SYLVIA. *Major, History*, 1944-46; Sem. I., 1946-47.
 Washington, D. C. Transferred from George Washington University. Holder of the Alice Ferree Hayt Memorial Award and George Bates Hopkins Memorial Scholar, 1946-47.
- THOMAS, ANNE HUNT. 1945-47.
 New York, N. Y. Prepared by the Friends' Seminary, New York, and the Ravenna High School, Ravenna, Ohio.
- THOMAS, KATRINA. 1945-47.
 Cold Spring Harbor, L. I., N. Y. Prepared by the Madeira School, Greenway, Va.
- THOMAS, MARY LOUISE. 1946-47.
 Portland, Me. Prepared by the Waynflete School, Portland.
- THOMSON, BARBARA LEE. *Major, English*, 1944-47.
 New Canaan, Conn. Prepared by St. Mary's-in-the-Mountains, Littleton, N. H., and Westover School, Middlebury, Conn.
- TOWNSEND, EMILY DICKINSON. 1946-47.
 New York, N. Y. Prepared by the Brearley School, New York.
- TOZZER, VERA. *Major, Mathematics*, 1944-47.
 Cincinnati, Ohio. Prepared by the Hughes High School, Cincinnati. Louise Hyman Pollak Scholar, 1944-46; Evelyn Hunt Scholar, 1946-47.
- TUCKER, JANNETT LORD 1946-47.
 New York, N. Y. Prepared by the Brearley School, New York.
- TUPPER, CHARLOTTE ELIZABETH 1946-47.
 South Orange, N. J. Prepared by the Columbia High School, Maplewood, N. J.
- TURNER, NANCY CLAIRE. 1945-47.
 Houston, Texas. Prepared by the Kinkaid School, Houston, the Lamar High School, Huston, and the Madeira School, Greenway, Va.
- ULIAN, NORMA EVELYN. *Major, History of Art*, 1943-47.
 Worcester, Mass. Prepared by the Bancroft School, Worcester.

- UNDERHILL, JILL 1945-47.
New York, N. Y. Prepared by the Friends' Seminary, New York. Sheelah Kilroy Memorial Scholar in English, 1946-47.
- UNTERBERGER, HILMA *Major, Psychology*, 1944-47.
Edwardsville, Pa. Prepared by Wyoming Seminary, Kingston, Pa.
- URBAN, MARGARET *Major, Philosophy*, 1943-47.
New Haven, Conn. Prepared by the Prospect Hill School, New Haven. Alumnae Regional Scholar, 1943-47; Maria Hopper Scholar, 1944-45; George Bates Hopkins Memorial Scholar, 1945-46; Anna Margaret and Mary Sloan Scholar, 1946-47.
- VALABRÈGUE, CLAUDE NATALIE 1945-47.
Berkeley, Calif. Prepared by the Berkeley High School, and the Anna Head School, Berkeley.
- VAN DYKE, OLIVE BAGLEY *Major, Politics*, 1943-47.
Milwaukee, Wis. Prepared by Milwaukee-Downer Seminary, Milwaukee.
- VAN WESTERBORG, EVELYN *Major, Economics*, 1944-47.
Forest Hills, N. Y. Prepared by the Forest Hills High School. Special Trustees' Scholar, 1944-45.
- VEJVODA, CAROL HOPKINS *Major, English*, 1943-47.
New York, N. Y. Prepared by the Academy of the Sacred Heart, New York, and the Brearley School, New York.
- VITKIN, HARRIET *Major, History*, 1944-47.
Brookline, Mass. Prepared by the Brookline High School. Junior Year in Switzerland, 1946-47.
- VONKIENBUSCH, PATSY *Major, English*, 1943-47.
New York, N. Y. Prepared by the Brearley School, New York, and Chatham Hall, Chatham, Va. Sheelah Kilroy Memorial Scholar, 1944-46.
- VORYS, JEANNY ESTHER 1946-47.
Columbus, Ohio. Prepared by the Columbus School for Girls.
- VORYS, MARGUERITE OTTILIE 1945-47.
Blacklick, Ohio. Prepared by the Columbus School for Girls, Columbus, Ohio.
- WADSWORTH, ALICE TILTON 1945-47.
Washington, D. C. Prepared by the Park School, Buffalo, N. Y.
- WAGNER, FLORYNE 1946-47.
Dover, N. J. Prepared by the Dover High School.
- WAHL, ANN PAMELA HUGHES 1946-47.
Glen Ridge, N. J. Prepared by the Glen Ridge High School and the Kent Place School, Summit, N. J.
- WALTON, THOMAS, JR. *Hearer, Sem. II.*, 1946-47.
Philadelphia, Pa. Prepared by the Frankford High School, Philadelphia.
- WARBURG, GERALDINE ALICE 1945-47.
New York, N. Y. Prepared by the Potomac School, Washington, D. C., the Roycemore School, Evanston, Ill., and Rosemary Hall, Greenwich, Conn.
- WARD, HARRIET WALDEN *Major, English*, 1944-47.
Bedford Hills, N. Y. Prepared by the Rippowam School, Bedford, N. Y., and Westover School, Middlebury, Conn.
- WARFIELD, GIPSY MCDANIEL *Major, English*, 1944-47.
Nashville, Tenn. Prepared by the Peabody Demonstration School, Nashville.
- WATERS, MARGARET BEIRNE 1946-47.
New York, N. Y. Prepared by Miss Hewitt's Classes, New York, and the Chapin School, New York.

- WEEL, MARIE LESLIE 1945-47.
New York, N. Y. Prepared by the Lenox School, New York.
- WEINER,¹ BARBARA RUBIN *Major, English*, 1943-47.
Germantown, Philadelphia, Pa. Prepared by the Woodmere High School, Woodmere, L. I., N. Y.
- WEISS, KATHRYN WELKER *Major, Chemistry*, 1943-47.
Philadelphia, Pa. Prepared by the Germantown High School, Philadelphia.
- WERNER, ANN SANFORD *Major, Physics*, 1943-47.
Peterborough, N. H. Prepared by the Greenwich High School, Greenwich, Conn., and the Baldwin School, Bryn Mawr, Pa. Susan Walker FitzGerald Scholar, 1943-44; Alumnae Regional Scholar, 1943-47.
- WESSON, NANCY BELL 1945-47.
Longmeadow, Mass. Prepared by Rowland Hall, Salt Lake City, Utah, and the Longmeadow High School.
- WEXLER, BERTHA 1945-47.
Philadelphia, Pa. Prepared by the Philadelphia High School for Girls. Trustees' Scholar, 1945-47.
- WHITE, GLORIA MILLICENT *Major, History*, 1945-47.
Washington, D. C. Transferred from Howard University.
- WHITNEY, LINDA 1946-47.
Northfield, Vt. Prepared by the Montpelier High School, Montpelier, Vt., and Westbrook Junior College, Portland, Me. Edwin Gould Foundation Scholar, 1946-47.
- WHITTAKER, HALCYONE PAMELA 1946-47.
New York, N. Y. Prepared by the School of the Holy Child, Suffern, N. Y., and the Spring Valley High School, Spring Valley, N. Y.
- WHYBURN, WILLA MARIE 1945-47.
Lubbock, Texas. Prepared by the University High School, Los Angeles, Calif.
- WICKHAM, JANE ELIZABETH 1946-47.
Haddonfield, N. J. Prepared by the Haddonfield Memorial High School.
- WILLARD, ELIZABETH G. F. *Major, Geology*, 1943-47.
Loudonville, N. Y. Prepared by St. Agnes School, Albany, N. Y.
- WILLIAMS, GWYNNE 1946-47.
Friendship, Me. Prepared by the Bryn Mawr School, Baltimore, Md.
- WILLIAMS, SUSAN 1946-47.
Milton, Mass. Prepared by Milton Academy.
- WINSLOW, LAURA 1946-47.
Chevy Chase, Md. Prepared by the Sidwell Friends School, Washington, D. C.
- WINTER, SHIRLEY 1946-47.
Brooklyn, N. Y. Prepared by the Hunter College High School, New York, N. Y.
- WIXOM, ELEANOR ROSE 1945-47.
Philadelphia, Pa. Prepared by the Germantown Friends School, Philadelphia. Foundation Scholar, 1945-47.
- WOLFF, ALICE *Major, Philosophy*, 1944-47.
New York, N. Y. Prepared by the Evander-Childs High School, New York. Special Evander-Childs High School Scholar, 1944-45.
- WOOD, ANNE *Major, Latin*, 1944-47.
Moorestown, N. J. Prepared by the Moorestown Friends' School. Foundation Scholar, 1944-47.
- WOOD, BARBARA KAY 1946-47.
Waban, Mass. Prepared by the Newton High School, Newtonville, Mass.

¹ Mrs. Herbert I. Weiner.

- WOOD, SHIRLEY MERRIWETHER.....*Major, History, 1944-47.*
 Fort Knox, Ky. Prepared by the Watertown High School, Watertown, N. Y.;
 the Brownswood High School, Brownswood, Tex., and the Lower Merion
 Township High School, Ardmore, Pa.
- WOOLEVER, EDITH ELLEN.....*Major, Chemistry, 1944-47.*
 Penfield Downs, Pa. Prepared by the Lower Merion Township High School,
 Ardmore, Pa. Trustees' Scholar, 1944-47.
- WORK, MARY JANE.....1945-47.
 Pittsburgh, Pa. Prepared by the Mt. Lebanon High School, Pittsburgh.
- WORTHAM, BETTY ANN.....*Major, Politics, 1944-47.*
 Biltmore, N. C. Prepared by St. Catherine's School, Richmond, Va., and St.
 Genevieve's Academy, Asheville, N. C.
- WORTHINGTON, SALLY DORSEY.....1945-47.
 Frederick, Md. Prepared by the Frederick High School, and the Bryn Mawr
 School, Baltimore, Md.
- WURLITZER, THEKLA.....*Major, History of Art, 1944-47.*
 San Mateo, Calif. Prepared by the Burlingame High School, Burlingame,
 Calif., Castillejo, Palo Alto, Calif., and the Sarah Dix Hamlin School, San
 Francisco, Calif.
- YOUNG, BARBARA DORN.....*Major, History, 1943-47.*
 Gloversville, N. Y. Prepared by Albany Academy for Girls, Albany, N. Y.
- YOUNG, ELISABETH WASHBURN.....*Major, Classical Archæology, 1944-47.*
 Wayzata, Minn. Prepared by the Northrop Collegiate School, Minneapolis,
 Minn.
- YOUNG, RUTH CELESTE.....1946-47.
 Chapel Hill, N. C. Prepared by the Chapel Hill High School. Alumna
 Regional Scholar, 1946-47.
- ZIEGLER, BARBARA J.....*Major, Sociology, 1944-47.*
 Philadelphia, Pa. Prepared by the Stevens School, Germantown, Philadelphia.
 Class of 1939 Scholar, 1944-46.
- ZIMMERMAN, JOAN.....*Major, Politics, 1944-47.*
 Wynnewood, Pa. Prepared by the Westtown School, Westtown, Pa.
- ZYCHLINSKI, ELIZABETH HELEN.....1944-45, 1946-47.
 Narberth, Pa. Prepared by the Dover High School, Dover, Del., and the
 Woodrow Wilson High School, Washington, D. C.

SUMMARY OF UNDERGRADUATE STUDENTS

Class of 1947	137
Class of 1948*	141
Class of 1949	144
Class of 1950	160
Hearer	2
Total*	584

* Including 13 students spending Junior Year abroad.

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Bryn Mawr College
CALENDAR

GRADUATE COURSES

ISSUE FOR THE SESSION OF
1947 • 1948

JUNE 1947

FOREWORD

Bryn Mawr College was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his lifetime the site of the College at Bryn Mawr, Pennsylvania, eleven 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 maintenance of this institution of higher education for women. In 1880 the College was incorporated under the laws of the Commonwealth of Pennsylvania and was invested with the power to confer degrees. In 1883 the Trustees issued a circular of information. In 1884 Dr. James E. Rhoads was elected President of the College and Dr. M. Carey Thomas was elected Dean of the Faculty. Plans were then matured and academic appointments were made. In the autumn of 1885 the College began its first academic year. On the resignation of President Rhoads in 1893 Dean Thomas was elected to the presidency, an office she held till her retirement in 1922. President Marion Edwards Park succeeded President Thomas in 1922 and retired in 1942. President Katharine Elizabeth McBride took office on July 1, 1942.

The Graduate School of Bryn Mawr College gives advanced instruction and fosters research in the fields of ancient and modern languages and literatures, art and archæology, mathematics and the natural sciences, the social sciences, philosophy and psychology, and education. The College offers special opportunities to its graduate students to investigate problems in small seminars under the personal direction of members of the faculty. It has been the policy of the Trustees to provide in every fully organized department for graduate as well as undergraduate study.

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

CALENDAR

1947-48

S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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28	29	30						29						
OCTOBER							MARCH							
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18	19	20	21	22	23	24		20	21	22	23	24	25	26
25	26	27	28	29	30	31		27	28	29	30			

COLLEGE CALENDAR

1947-48

FIRST SEMESTER

- 1947
- September 25. Halls of Residence open to the entering class at 8 A. M.
Registration of Freshmen
Advanced Standing Examinations begin
Deferred, condition and auditors' examinations begin
27. Radnor Hall open to new graduate students at 9 A. M.
Registration of new graduate students
Deferred, condition and auditors' examinations end
28. Halls of Residence open to all students at 8 P. M.
29. Registration of students
30. Work of the 63rd academic year begins at 8.45 A. M.
- October 11. German examinations for undergraduates, M.A. and Ph.D.
candidates
16. Advanced Standing Examinations end
18. French examinations for undergraduates, M.A. and Ph.D.
candidates
25. Spanish and Italian examinations for undergraduates and M.A.
candidates
- November 1. Hygiene examination
26. Thanksgiving holiday begins after last class
- December 1. Thanksgiving holiday ends at 9 A. M.
19. Christmas vacation begins at 12.45 P. M.

- 1948
- January 5. Christmas vacation ends at 9 A. M.
10. German examinations for Seniors conditioned, M.A. and Ph.D.
candidates
16. Last day of lectures
17. French examinations for Seniors conditioned, M.A. and Ph.D.
candidates
19. Collegiate examinations begin
24. Spanish and Italian examinations for Seniors conditioned and
M.A. candidates
31. Collegiate examinations end

SECOND SEMESTER

- February 3. Work of the second semester begins at 9 A. M.
- March 25. Spring vacation begins after last class
- April 5. Spring vacation ends at 9 A. M.
Deferred examinations begin
10. Deferred examinations end
17. French examinations for undergraduates, M.A. and Ph.D.
candidates
24. Spanish and Italian examinations for undergraduates
- May 1. German examinations for undergraduates, M.A. and Ph.D.
candidates
14. Last day of lectures
17. Collegiate examinations begin
28. Collegiate examinations end
30. Baccalaureate Sermon
- June 1. Conferring of degrees

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AMY WALKER FIELD⁷
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OLIVIA STOKES HATCH⁸
Alumnæ Director, 1943-48
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Alumnæ Director, 1945-50
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Alumnæ Director, 1946-51
JEAN T. PALMER
Alumnæ Director, Dec. 1947-52

MARION EDWARDS PARK, by invitation
President Emeritus of Bryn Mawr College

¹ Mrs. Henry Goddard Leach.

² Mrs. Rustin McIntosh.

³ Mrs. F. Louis Slade.

⁴ Mrs. James Chadwick-Collins.

⁵ Mrs. Everett N. Case.

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⁸ Mrs. John Davis Hatch, Jr.

⁹ Mrs. Harold E. Townsend.

¹⁰ Mrs. Evarts Graham.

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COLLEGE ADMINISTRATION

ACADEMIC YEAR 1946-47

President: KATHARINE ELIZABETH MCBRIDE, Ph.D., LL.D., L.H.D.
Office: Taylor Hall.

Dean of the College: DOROTHY NICOLE NEPPER, Ph.D.
Office: Taylor Hall.

Dean of the Graduate School: LILY ROSS TAYLOR, Ph.D., Litt.D.¹
Office: The Library.

*Adviser of Foreign Graduate Students, Semester I, and
Acting Dean of the Graduate School, Semester II:*
JANE MARION OPPENHEIMER, Ph.D.
Office: The Library

Dean of Freshmen and Director of Admissions:
ANNIE LEIGH BROUGHTON, M.A.
Office: Taylor Hall.

*Director in Residence of the Board of Directors and Editor of
Publications:* CAROLINE MORROW CHADWICK-COLLINS, A.B.
Office: Taylor Hall.

Assistant to the President: DOROTHY MACDONALD, A.B.
Office: Taylor Hall.

Recorder of the College: MARIAN CARTER ANDERSON, B.S.
Office: Taylor Hall.

Director of the Bureau of Recommendations:
LOUISE FROST HODGES CRENSHAW, A.B.
Office: Taylor Hall.

Assistant Director of Public Relations:
ELOISE CHADWICK-COLLINS SUTTON, A.B.
Office: Taylor Hall.

*Assistant Editor of Publications and Assistant to the Director
in Residence:* MARGARET SIMPSON DAVID, M.A.
Office: Taylor Hall.

Assistants to the Director of Admissions:
ELIZABETH HOFFMAN ALEXANDER, A.B.
CARO SHUGG CURRAN, A.B.
Office: Taylor Hall.

Adviser in the Bureau of Recommendations:
NATICA BATES.
Office: Taylor Hall.

¹ On leave of absence for the second semester of the year 1946-47.

Director of Halls and Head Warden:

CHARLOTTE BRANDON HOWE, M.A.

Office: Rockefeller Hall.

Warden of Denbigh Hall: ELEANOR FESSENDEN ROELSE, A.B.*Warden of Merion Hall, Oct.-Dec. 1946:* MARION KIRK, A.B.*Warden of Merion Hall, Semester II:* FRANCES CROFTS, A.B.*Warden of Pembroke Hall East:* AUDREY HOPE JOHNSON, A.B.*Warden of Pembroke Hall West:* MARY FRANCES SHANNON, M.A.*Warden of Rhoads Hall:* CARO SHUGG CURRAN, A.B.*Warden of Rockefeller Hall and of Non-residents:*

CAROL MARY O'CONNOR, A.B.

Warden of East House: EVELYN CORNELIA HALLER, M.A.*Warden of French House (Wyndham):* DORIS STRAUS, M.A.*Warden of Spanish House (Denbigh Wing):*

MARY STEDMAN SWEENEY, Ph.D.

Senior Resident of Radnor Hall: EVA LOUISE PRICE, M.A.*Warden-elect:* LOIS POST, A.B.*Warden-elect:* ANNE COLCORD, A.B.*Senior Resident-elect of Radnor Hall:*

BARBARA ADAMS CRAWFORD, A.B.

College Physician: OLGA CUSHING LEARY, M.D.¹

Office: The Infirmary.

Acting College Physician and College Physician-elect:

ELIZABETH HUMESTON, M.D.

Office: The Infirmary.

Assistant College Physician: ISAAC SHARPLESS, M.D.

Office: The Infirmary.

Attending Psychiatrist: GENEVIEVE MARGARET STEWART, M.D.

Office: The Infirmary.

Acting Director of Physical Education, Semester I:

ETHEL M. GRANT.

Office: The Gymnasium.

Director of Physical Education, Semester II:

IRENE A. CLAYTON, M.S.

Office: The Gymnasium.

Librarian: LOIS ANTOINETTE REED, A.B., B.L.S.

Office: The Library.

Librarian-elect: JANET AGNEW, B.L.S., M.A.

Office: The Library.

Assistant to the Treasurer: SANDY LEE HURST.

Office: Taylor Hall.

Comptroller: RAYMOND G. BUCKLEY.

Office: Taylor Hall.

Superintendent: HORACE T. SMEDLEY.

Office: Rockefeller Hall.

¹ On leave of absence for the year 1946-47.

FACULTY AND STAFF

ACADEMIC YEAR, 1946-47

KATHARINE ELIZABETH MCBRIDE, Ph.D., LL.D., L.H.D., *President of the College.*

MARION EDWARDS PARK, Ph.D., LL.D., *President Emeritus of the College.*

DOROTHY NICOLE NEPPER, Ph.D., *Dean of the College.*

LILY ROSS TAYLOR, Ph.D., Litt.D.,¹ *Dean of the Graduate School and Professor of Latin.*

JANE MARION OPPENHEIMER, Ph.D., *Adviser of Foreign Graduate Students, Semester I, and Acting Dean of the Graduate School, Semester II; Assistant Professor and Associate Professor-elect of Biology.*

ANNIE LEIGH BROUGHTON, M.A., *Dean of Freshmen and Director of Admissions.*

CAROLINE MORROW CHADWICK-COLLINS, A.B., *Director in Residence of the Board of Directors.*

WILMER CAVE WRIGHT, Ph.D., *Professor Emeritus of Greek.*

REGINA KATHARINE CRANDALL, Ph.D., *Professor Emeritus of English Composition.*

LUCY MARTIN DONNELLY, A.B., *Professor Emeritus of English.*

SUSAN MYRA KINGSBURY, Ph.D., LL.D., *Professor Emeritus of Social Economy.*

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CHARLES GHEQUIERE FENWICK, Ph.D., LL.D., *Professor Emeritus of Political Science.*

EUNICE MORGAN SCHENCK, Ph.D.,² *Class of 1907 Professor of French.*

SAMUEL CLAGGETT CHEW, Ph.D., *Mary E. Garrett Alumnae Professor of English Literature and Holder of the Mary Hill Swope Grant.*

RHYS CARPENTER, Ph.D., Litt.D., *Professor of Classical Archaeology and Holder of a Julius and Sarah Goldman Grant.*

JAMES LLEWELLYN GRENSHAW, Ph.D., *Professor of Physical Chemistry.*

HELEN TAFT MANNING, Ph.D., LL.D.,³ *Marjorie Walter Goodhart Professor of History.*

ANNA PELL WHEELER, Ph.D., Sc.D., *Professor of Mathematics.*

¹ On leave of absence for the second semester of the year 1946-47.

² On leave of absence for the second semester, 1946-47, and for the first semester of the year 1947-48.

³ Granted leave of absence for the year 1947-48.

- MARY HAMILTON SWINDLER, Ph.D., LL.D.,¹ *Professor of Classical Archæology.*
- HORACE ALWYNE, F.R.M.C.M., *Alice Carter Dickerman Professor of Music and Director of the Department of Music.*
- ROGER HEWES WELLS, Ph.D.,² *Professor of Political Science.*
- JOSEPH E. GILLET, Ph.D., *Professor of Spanish.*
- MAX DIEZ, Ph.D., *Professor of German Literature.*
- GRACE FRANK, A.B., *Non-resident Professor of Old French Philology.*
- STEPHEN JOSEPH HERBEN, B.Litt, Ph.D., *Professor of English Philology.*
- FRITZ MEZGER, Ph.D., *Professor of Germanic Philology.*
- THOMAS ROBERT SHANNON BROUGHTON, Ph.D., *Professor of Latin.*
- HARRY HELSON, Ph.D., *Professor of Experimental Psychology.*
- EDWARD H. WATSON, Ph.D., *Professor of Geology.*
- MILTON CHARLES NAHM, B.Litt., Ph.D., *Professor of Philosophy.*
- WALTER C. MICHELS, Ph.D., *Marion Reilly Professor of Physics.*
- DONALD WALLACE MACKINNON, Ph.D., *Professor of Psychology.*
- CORNELIA LYNDE MEIGS, A.B., *Professor of English Composition on the Margaret Kingsland Haskell Foundation.*
- MARGARET GILMAN, Ph.D., *Associate Professor and Professor-elect of French.*
- LINCOLN DRYDEN, Ph.D., *Associate Professor and Professor-elect of Geology.*
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- MARY SUMMERFIELD GARDINER, Ph.D.,³ *Associate Professor of Biology.*
- CAROLINE ROBBINS, Ph.D.,⁴ *Associate Professor of History.*
- ANGELINE HELEN LOGRASSO, Ph.D., *Associate Professor of Italian.*
- MYRA RICHARDS JESSEN, Ph.D., *Associate Professor of German.*
- DOROTHY WYCKOFF, Ph.D., *Associate Professor of Geology.*
- BERTHE MARIE MARTI, Ph.D.,¹ *Associate Professor of Latin and French.*
- RICHARD BERNHEIMER, Ph.D., *Associate Professor of History of Art.*
- RICHMOND LATTIMORE, Ph.D., *Paul Shorey Associate Professor of Greek.*

¹ On leave of absence for the year 1946-47.

² Absent on war service for the year 1946-47.

³ Granted leave of absence for the year 1947-48.

⁴ On leave of absence, November 1945-February 1947.

- MARY KATHARINE WOODWORTH, Ph.D., *Associate Professor of English.*
- ARTHUR COLBY SPRAGUE, Ph.D., *Associate Professor of English Literature.*
- HERTHA KRAUS, Ph.D., *Carola Woerishoffer Associate Professor of Social Economy.*
- ARTHUR LINDO PATTERSON, Ph.D., *Associate Professor of Physics.*
- GERMAINE BRÉE, *Agrégée, Associate Professor of French.*
- K. LAURENCE STAPLETON, A.B.,¹ *Associate Professor of English.*
- JOSEPH C. SLOANE, JR., M.F.A., *Associate Professor of History of Art*
- MILDRED BENEDICT NORTHROP, Ph.D., *Associate Professor of Economics and Acting Director of the Department of Social Economy.*
- ALEXANDER COBURN SOPER, III., M.F.A., Ph.D., *Associate Professor of History of Art.*
- JOHN CHESTER MILLER, Ph.D., *Associate Professor of History.*
- JOHN CORNING OXTOBY, M.A., *Associate Professor of Mathematics.*
- ISABEL SCRIBNER STEARNS, Ph.D.,² *Associate Professor of Philosophy.*
- AGNES KIRSOPP MICHELS, Ph.D., *Associate Professor of Latin.*
- L. JOE BERRY, Ph.D., *Associate Professor of Biology.*
- MARSHALL DEMOTTE GATES, JR., Ph.D., *Assistant Professor and Associate Professor-elect of Chemistry.*
- ERNST BERLINER, Ph.D., *Assistant Professor and Associate Professor-elect of Chemistry.*
- FELIX GILBERT, Ph.D., *Lecturer and Associate Professor-elect of History.*
- FREDERICA DE LAGUNA, Ph.D., *Assistant Professor of Anthropology.*
- RACHEL DUNAWAY COX, Ph.D., *Assistant Professor of Education and Psychology.*
- BETTINA LINN, M.A., *Assistant Professor of English.*
- D. BEATRICE MCCOWN, Ph.D., *Assistant Professor of Political Science, Semester I.*
- JOSHUA C. HUBBARD, Ph.D., *Assistant Professor of Economics.*
- FREDERICK W. THON, M.F.A., *Assistant Professor of English.*
- MABEL LOUISE LANG, Ph.D.,² *Assistant Professor of Greek.*
- LORNA COOKE DE VARON, A.M., *Assistant Professor of Music.*
- GEORGE CUTTINO, Ph.D.,² *Assistant Professor of History on a joint appointment by Bryn Mawr College and Swarthmore College.*

¹ Granted leave of absence for the first semester of the year 1947-48.

² Granted leave of absence for the year 1947-48.

- EDWIN HEWITT, Ph.D., *Assistant Professor of Mathematics.*
- RICHARD M. MARTIN, Ph.D., *Assistant Professor of Philosophy.*
- LOUIS PAMPLUME, *Agrégé, Assistant Professor of French.*
- FRANCES DE GRAAFF, Ph.D., *Assistant Professor-elect of Russian on a joint appointment by Bryn Mawr College and Haverford College.*
- MANUEL ALCALÁ, A.B., *Assistant Professor-elect of Spanish.*
- ARNOLD JOSEPH TOYNBEE, D.Litt., F.B.A., *Mary Flexner Lecturer, Director of Studies in the Royal Institute of International Affairs and Research Professor of International History in the University of London.*
- MARY MARGARET ZENDER, M.A., M.S.S., *Lecturer in Social Economy.*
- MURIEL JANET GAYFORD, M.S.P.A., *Lecturer in Medical Social Case Work.*
- RAY HAMILTON ABRAMS, Ph.D., *Lecturer in Sociology.*
- BRYCE WOOD, Ph.D., *Lecturer in Political Science.*
- LOUISE E. W. ADAMS HOLLAND, Ph.D., *Lecturer in Latin.*
- HUGH JOHN CREECH, Ph.D., *Lecturer in Biochemistry.*
- ALICE BEARDWOOD, Ph.D., *Lecturer in History, Semester I.*
- SARA ANDERSON IMMERWAHR, Ph.D., *Lecturer in Classical Archaeology.*
- MAXINE WOOLSTON, Ph.D., *Lecturer in Social Economy.*
- KATHERINE D. K. LOWER, Ph.D., *Lecturer in Social Economy.*
- MARY STEDMAN SWEENEY, Ph.D., *Lecturer in Spanish and Warden of the Spanish House.*
- PIERRE ERISTOFF, M.A., *Lecturer in Russian.*
- DELIGHT TOLLES, Ph.D., *Lecturer-elect in Greek.*
- MARY H. EASBY, M.D., *Special Lecturer in Medical Information, Semester I.*
- LEON B. SAUL, M.D., *Special Lecturer in Psychiatric Information, Semester I.*
- M. ROYDEN C. ASTLEY, M.D., *Special Lecturer in Psychiatric Information, Semester II.*
- EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry.*
- MARTHA MEYSENBERG DIEZ, M.A., *Instructor in German.*
- HILDE D. COHN, Ph.D., *Instructor in German.*
- EDITH FINCH, M.A., *Instructor in English.*
- MILDRED TONGE BROWN, Ph.D., *Instructor in English.*
- RUTH VIRGINIA HIGBEE, Ph.D., *Instructor in Psychology.*
- BEATRICE S. MAGDOFF, M.A., *Instructor in Physics.*
- JANE BRIDGMAN, Ph.D., *Instructor in Biology.*

- CONCHA DE ZULUETA, *Licenciado, Instructor in Spanish.*
DOROTHY ALDEN KOCH, Ph.D., *Instructor in English.*
HELEN HAZARD BACON, A.B., *Instructor in Greek and English.*
PETER BACHRACH, M.A., *Instructor in Political Science.*
DORIS STRAUS, M.A., *Instructor in French, Semester II; Warden of Wyndham.*
JOANNE LOEWE COATES, M.A., *Instructor in History.*
PRISCILLA KRAMER SILZ, Ph.D., *Instructor in German, Semester II.*
KERNAN BRADLEY WHITWORTH, M.A., *Instructor-elect in French.*
WILLIAM E. NORRIS, JR., A.B., *Instructor-elect in Biology.*
JEAN OXTOBY, M.A., *Instructor-elect in Mathematics.*
MURRAY GORDON DE JERSEY, M.A., *Instructor-elect in Psychology.*
PHYLLIS PLYLER PARKINS, M.A., *Instructor-elect in Biology.*
ELIZABETH BOOTH, A.B., *Reader in Music.*
BARBARA ADAMS CRAWFORD, A.B., *Reader in History of Art.*
JOSEPHINE J. CARR, A.B., *Reader in Mathematics.*
KATHLEEN B. MEALS, M.A., *Reader in English.*
HENRIETTA HUFF LANDES, A.B., *Curator of Slides and Photographs.*
EVELYN CORNELIA HALLER, M.A., *Demonstrator in Biology and Warden of East House.*
LOUISE GAUS, A.B., *Demonstrator in Physics.*
JULIE NEIL CALVERT, A.B., *Demonstrator in Biology.*
FRANCES ELEANOR EMERSON, A.B., *Demonstrator in Psychology.*
KATHARINE LUTZ, A.B., *Demonstrator in Geology.*
CYNTHIA ELIZABETH BOUDREAU, A.B., *Demonstrator in Geology.*
FRANCES JEAN BONDHUS, Ph.D., *Demonstrator in Chemistry.*
MARY LOU HACKETHAL BEIDLER, A.B., *Demonstrator in Physics.*
NORMA CURTIS JOHNSON, M.A., *Demonstrator in Physics.*
CATHERINE HERR, A.B., *Demonstrator-elect in Biology.*
JANICE WENKENBACH, A.B., *Demonstrator-elect in Chemistry.*
CONNIE VAN ERT, A.B., *Demonstrator-elect in Psychology.*
BARBARA ANN JOUBERT, A.B., *Demonstrator-elect in Physics.*
MARY PHYLLIS VIPOND, A.B., *Research Assistant in Chemistry and Geology.*
LOUISE HORWOOD ALDEN, A.B., *Research Assistant in Social Economy, Semester II.*
MYRTLE CORLISS NASH, M.A., *Assistant in the Educational Service.*
ROSAMOND KENT SPRAGUE, A.B., *Assistant in Philosophy.*
KATHARINE M. DOWNING, A.B., *Assistant in Economics and Statistics.*
JOSEPHINE YAGER KING, M.A., *Assistant in Political Science, December 1946-June 1947.*

- MARILYN MEYER, A.B., *Assistant-elect in Philosophy.*
 ABE PEPINSKY, Ph.D., *Leader of Orchestra and Ensemble Groups.*
 MORRIS BLACKBURN, *Visiting Artist.*

LIBRARY

- LOIS ANTOINETTE REED, A.B., B.L.S., *Librarian.*
 JANET AGNEW, B.L.S., M.A., *Librarian-elect.*
 MARY LOUISE TERRIEN, A.B., B.S., *Circulation and Reference Librarian.*
 HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer.*
 ANNA ELIZABETH DOUGHERTY, A.B., B.S., *Assistant Cataloguer.*
 ETHEL W. WHETSTONE, A.B., *Library Assistant in the Quita Woodward Wing.*
 MARIBEL SCOLES, A.B., B.S., *Librarian in Charge of the Science Libraries.*
 ELEANOR ADAMS, B.S., *Assistant Cataloguer.*
 ALICE B. COMLY, *Assistant to the Circulation Librarian.*

HALLS OF RESIDENCE

- CHARLOTTE BRANDON HOWE, M.A., *Director of Halls and Head Warden.*
 EVA LOUISE PRICE, M.A., *Senior Resident of Radnor Hall.*
 MARION KIRK, A.B., *Warden of Merion Hall, October-December, 1946.*
 CARO SHUGG CURRAN, A.B., *Warden of Rhoads Hall and Assistant to the Director of Admissions.*
 M. FRANCES SHANNON, M.A., *Warden of Pembroke West.*
 AUDREY HOPE JOHNSON, A.B., *Warden of Pembroke East.*
 CAROL MARY O'CONNOR, A.B., *Warden of Rockefeller Hall.*
 ELEANOR FESSENDEN ROELSE, A.B., *Warden of Denbigh Hall.*
 MARY STEDMAN SWEENEY, Ph.D., *Warden of the Spanish House and Lecturer in Spanish.*
 DORIS STRAUS, M.A., *Warden of Wyndham; Instructor in French, Semester II.*
 FRANCES CROFTS, A.B., *Warden of Merion Hall, Semester II.*
 EVELYN CORNELIA HALLER, M.A., *Warden of East House.*
 ELFRIEDE FRIESE, *Warden-elect of the German House (Denbigh Wing).*
 LISETTE NICOT, *Licenciée ès Lettres, Warden-elect of Wyndham.*

LOIS POST, A.B., *Warden-elect.*

ANNE COLCORD, A.B., *Warden-elect.*

NATICA BATES, *Assistant Warden in Charge of Freshmen in Low Buildings.*

BARBARA ADAMS CRAWFORD, A.B., *Senior Resident-elect of Radnor Hall.*

HEALTH

The President and Deans of the College, *ex officio.*

OLGA CUSHING LEARY, M.D.,¹ *College Physician.*

ELIZABETH HUMESTON, M.D., *Acting College Physician and College Physician-elect.*

FREDERIC C. SHARPLESS, M.D., *General Consultant.*

ISAAC SHARPLESS, M.D., *Assistant College Physician.*

GENEVIEVE MARGARET STEWART, M.D., *Attending Psychiatrist.*

IRENE A. CLAYTON, M.S., *Director of Physical Education, Semester II.*

ETHEL M. GRANT, *Acting Director of Physical Education, Semester I.*

PHYSICAL EDUCATION

IRENE A. CLAYTON, M.S., *Director of Physical Education, Semester II.*

ETHEL M. GRANT, *Acting Director of Physical Education, Semester I, and Assistant Director of Physical Education, Semester II.*

JANET A. YEAGER, *Instructor in Physical Education.*

EMELIA-LOUISE KILBY, *Instructor-elect in Physical Education.*

BUSINESS ADMINISTRATION

CHARLOTTE BRANDON HOWE, M.A., *Director of Halls.*

SANDY LEE HURST, *Assistant to the Treasurer.*

RAYMOND G. BUCKLEY, *Comptroller.*

HORACE T. SMEDLEY, *Superintendent.*

JOSEPHINE FALCONE MCCUSKER, *Purchasing Agent and Manager of the Business Office.*

MARJORIE E. BACHELLER, B.S., *Dietitian.*

WINFIELD DAUGHERTY, *Fire Chief.*

¹ On leave of absence for the year 1946-47.

ADMISSION

The Graduate School is open to qualified graduates in liberal arts courses of colleges or universities of acknowledged standing. Application for admission, to be made to the Dean of the Graduate School, should be accompanied by a copy of the student's full academic record and by letters from the Dean and from two or more professors of the applicant's undergraduate college. Admission to graduate courses is under the jurisdiction of the various departments which may, at their discretion, require students whose preparation is insufficient to pursue certain introductory courses before being enrolled in a graduate course. Admission to the Graduate School does not automatically qualify a student to become a candidate for an advanced degree. Students whose courses of study meet the prerequisites may on application to the Graduate Committee be enrolled as candidates for the Degrees of Master of Arts, Master of Social Service, or Doctor of Philosophy.

Men as well as women are admitted to the Graduate School and are accepted as candidates for the Degrees of Master of Arts, Master of Social Service, and Doctor of Philosophy.

Graduate Record Examination. The Bryn Mawr Graduate School recognizes as contributory evidence of the qualifications of a student for admission a record of attainment in the Graduate Record Examination as prepared and administered by the Carnegie Foundation for the Advancement of Teaching. This examination is a convenient method by which a student may supplement transcript records. Applicants for admission to the Graduate School who wish to take the examination should apply directly to the Graduate Record Examination, 437 West 59th Street, New York 19, N. Y., where full information may be secured and arrangements for taking the test may be made. There is a fee of \$3.00.

RESIDENCE AND EXPENSES

On entrance to the College every graduate student must register immediately at the office of the Dean of the Graduate School. (For registration of courses, see pages 30-31.)

Holders of resident fellowships and scholarships are expected to live in Radnor Hall, the graduate hall of residence. Other graduate students may live there if rooms are available. Students not in residence are expected to make arrangements satisfactory to the College. Every student in Radnor Hall has a separate room which is fully furnished except for rugs, curtains, and towels, which the student is expected to provide.

Application for a room should be made as early as possible. A room-contract, which will be sent on request, must be signed and returned with the registration fee of ten dollars to the Dean of the Graduate School. The amount of this fee will be deducted from the residence fee. The fee will not be refunded under any circumstances. A student in residence or a new student who cancels her reservation after September first prevents some other student from obtaining accommodation and consequently admission to the College. Therefore unless a student sends notice of withdrawal in writing to the Dean of the Graduate School before September first, she is responsible for that portion of the residence charge which the College loses by reason of her withdrawal, whether she fails to occupy the room at all or vacates it during the year. Appropriate reduction or remission is made for that portion of the residence fee which represents reduced expense to the College for food; a further remission or reduction is made if the College is able to reassign the student's room to some other student not previously in residence. The student herself is not entitled to dispose of the room she leaves vacant. In case of absence from the College extending over six weeks or more, owing to illness, there will be a proportionate reduction in the charge for the cost of food.

The charge for residence (room and board) for graduate students is \$575 a year payable \$350 in the first semester and \$225 in the second semester.

The residence halls are closed during the Christmas vacation but accommodations in the neighborhood can usually be secured by graduate students who wish to continue their work. During the spring vacation one hall of residence is kept open and graduate students may occupy rooms in it at a fixed rate. Any student remaining in Bryn Mawr or nearby and not in the College or in

her own home for all or part of a vacation must make arrangements satisfactory to the Dean of the Graduate School.

The College reserves the right to exclude at any time 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; fellowships and scholarships will be cancelled.

The College reserves the right, if parents cannot be reached, to make decisions concerning emergency operations or other matters of health in regard to the students.

The tuition fee for graduate students is three hundred dollars a year, payable one half on registration and the other half at the beginning of the second semester. For students registered for less than full-time work the fees are as follows:

For one graduate course or seminary, or one unit of independent work	\$125
For one undergraduate course	150

(Candidates for the degree of Master of Arts or Master of Social Service are charged \$125 for an undergraduate course which is taken in partial fulfilment of the requirements for that degree.)

Fees for auditors are the same as for students registered in courses for credit.

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, are 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.

All students taking courses which require field work in the Department of Social Economy and Social Research are charged a laboratory fee of \$10 a semester for each course taken. This fee covers a part of the expenses of field supervision. In addition students are required to meet their travelling and incidental expenses while working in the field during the academic year and vacations.

The infirmary fee is \$25.00. (See pages 22-23.)

The graduation fee for Doctors of Philosophy, Masters of Arts, and Masters of Social Service is \$20.00.

The Office of the Recorder will supply on request one transcript of the record of each graduate student free of charge. For additional transcripts a charge of \$1.00 each will be made.

SUMMARY OF TOTAL EXPENSES FOR THE ACADEMIC YEAR

Tuition fee (not counting laboratory fees).....	\$300
Residence	575
Infirmary fee	25
	<hr/>
Total	\$900

Students whose fees are not paid before November first in the first semester and before March first in the second will not be permitted to continue in residence or to attend their classes. No reduction of the tuition fee will be made on account of absence or dismissal or for any other reason.

GRADUATE CLUB

All resident students in the Graduate School are members of the Graduate Club and non-resident students may become members. The organization of the life of the graduate students in all matters not purely academic or affecting hall management is in the hands of the club. The President of the Graduate Club is a member of the College Council, a non-legislative body which meets periodically to discuss matters concerning the College as a whole. The Council of the Graduate Club considers policies relating particularly to the Graduate School.

HEALTH

Every entering resident graduate student is required to file at the office of the Dean of the Graduate School, on a blank to be secured from the Dean of the Graduate School, a report of a recent medical examination, filled out and signed by a physician.

Every resident graduate student must file a physician's certificate stating that she has been vaccinated against smallpox during the year before entrance to the Graduate School and that she exhibited a typical or immune reaction to this vaccination. Students who do not certify to vaccination will be vaccinated by the College Physician and charged a fee of five dollars. There is no exception to this rule.

Every resident graduate student must file a certificate stating that her eyes have been examined by an oculist within six months before entrance to the Graduate School. Failure to comply with the above rule entails an examination by one of the college consultants for which the student will be charged as a private patient by the ophthalmologist who makes the examination.

Every resident graduate student has a chest X-ray at the beginning of each year. These X-rays are made with paper plates, and a fee of about two dollars is charged for each. If necessary the paper plate is checked with stereoscopic celluloid films, the fee for which is twenty dollars. Any graduate student who has had a chest X-ray within six months preceding the opening of any year will be excused from this procedure, provided a complete report has been filed with the College before September fifteenth of the year in question.

Every resident graduate student is examined each year by the Physician of the College, with reference to physical development and general health. Any graduate student who at the time of the examination or at any time during the year is not in good health is placed on the health supervision list.

The College Physician is in her office in the college infirmary daily and may be consulted by the students without charge. Specialists practising in Bryn Mawr and Philadelphia serve as consulting physicians to the College. The fees of the consulting physicians and surgeons and other specialists recommended by the College will be furnished on request. The infirmary is open when college is in session and during the spring vacation. It is closed during the Christmas vacation.

The infirmary fee of twenty-five dollars paid by each resident graduate student entitles her to free consultation with the College Physicians and to treatment in the college dispensary. It also entitles her to be cared for in the infirmary for seven 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 contagious and is not sufficiently serious to require the services of a special nurse. The fee for each day in the infirmary after the seven-day period is six dollars. In case of contagious disease the student must meet or share the expense of special nursing.

Non-resident graduate students may, if they so desire, pay a non-resident infirmary fee of five dollars which entitles them to a medical examination by the College Physician and to dispensary care. Non-resident students may also take the opportunity to have a paper plate chest X-ray at a fee of about two dollars when the annual college X-ray survey is made in the autumn.

THE LIBRARY

The Library of Bryn Mawr College contains 200,514 volumes and over 10,000 pamphlets. Seven hundred periodicals and serial publications in English, French, German, Italian, Spanish, and Swedish are currently received. The basic collection is contained in the M. Carey Thomas Library. The seminary rooms of each department contain books needed for graduate study. Dalton Hall contains the departmental libraries in Biology, Mathematics, and Physics; Park Hall the departmental libraries in Chemistry and Geology.

The privilege of drawing books from any of these collections (with the exception of those books that are on reserve) is granted to all registered students. There is free access to the stacks. The library is open daily, except Sunday, from 8 A. M. to 10 P. M. and on Sunday from 9 A. M. to 10 P. M.

Students have the privilege of using the Library at Haverford College. The Bryn Mawr catalogue includes the "author cards" of books at Haverford and facilitates the exchange of books between the two institutions.

OTHER LIBRARY FACILITIES

The Union Library Catalogue in the Fine Arts Building of the University of Pennsylvania makes possible the easy location of books to be found in any of the more than one hundred and fifty cooperating libraries in the Philadelphia metropolitan area. This catalogue contains a record of about 3,500,000 titles. The Philadelphia Bibliographical Center and Union Library Catalogue endeavors to assist research workers in bibliographical problems which fall outside the scope of any individual library.

The University of Pennsylvania libraries, main, departmental, and special, contain approximately 1,000,000 bound volumes and 230,500 pamphlets. Notable among the special collections are the Henry C. Lea Library of Medieval History and the Horace Howard Furness Memorial Library of Shakespeareana. There are also large special collections in Romance literature and philology; in classical literature and philology; in Semitic languages; in early American drama; in archæology, anthropology, and other fields. The University libraries receive jointly over two thousand periodicals and several thousand doctoral dissertations annually.

The Philadelphia area is rich in other important libraries. The Historical Society of Pennsylvania possesses extensive collections of manuscripts dealing with both the colonial and national periods,

including transcripts of important documentary material from English archives, local records, both American and English, and a great number of special collections. The Library Company of Philadelphia houses extensive collections of European and American books, pamphlets, periodicals, and society publications in many fields; American history is a major interest. It also includes the Loganian Library, a printed catalogue of which is available. The Free Library of Philadelphia has extensive collections of government publications, and special collections in art, music, law, etc. The American Philosophical Society is rich in important historical manuscripts, pamphlets, and publications of learned societies, etc. The Philadelphia Commercial Museum contains a large library and extensive exhibits pertaining to trade, industry, and geography. Also to be mentioned are the libraries of the Franklin Institute, the Academy of Natural Sciences, the College of Physicians, Swarthmore College, and Temple University. Historical societies in the vicinity of Philadelphia contain collections useful for research in fields other than those of merely local interest.

THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

Pamphlets containing full information about the degrees of Master of Arts and Doctor of Philosophy may be obtained on request from the Office of the Dean of the Graduate School.

THE DEGREE OF MASTER OF ARTS

The degree represents the completion of a coordinated program of graduate work which, for a well prepared candidate, requires a minimum of a full year of graduate study.¹ Work for the degree may be spread over two or three academic years which need not be in succession but must be included in a five-year period. Only courses taken at Bryn Mawr College are credited for the degree.

Prerequisites. The prerequisite for the M.A. degree is an A.B. degree or its equivalent from an American college of recognized standing² or a degree or certificate of the same standard from a foreign university. The preparation must include such undergraduate work in the candidate's major subject and allied fields as various departments shall require.

Application. The candidate must apply for the degree in the department of the major work and must receive the endorsement of the department for the program of work. The application and the program endorsed by the major department must be submitted to the Dean of the Graduate School not later than December first of the academic year in which the candidate wishes to take the degree.

Language Requirement. A reading knowledge of French and German is in general required of all candidates. For the reading knowledge of one of these languages, certain departments may accept another language or a special technique. The only departments which regularly accept substitutes for French or German

¹ In Social Economy, since the student's course requires work in social agencies or community organization in addition to theoretical work, at least two years must be spent on the degree. For students who specialize in Case Work the degree will be Master of Social Service, see p. 53.

² In general, this term is interpreted to mean colleges of the United States and Canada on the approved list of the Association of American Universities. Graduates of other American and Canadian colleges may, at the request of a department, be admitted to candidacy on probation. At any time after the completion of one semester of graduate work at Bryn Mawr College the Graduate Committee may, on the recommendation of the department, accept the student on probation as a candidate.

are Economics and Politics, Education, Geology, Psychology, Social Economy, Spanish. Candidates whose major work is in French or German must offer a reading knowledge of another language.

A student whose mother tongue is French may offer German and English as languages to meet this requirement. A student whose mother tongue is German may offer French and English. A foreign student whose mother tongue is not French, German or English may offer French or German and English. The requirement in English shall be met by a certificate from the student's major department that her English is adequate or by a special examination given by her department not later than January in the year in which the degree is to be taken. This special regulation for foreign candidates does not prevent a department from refusing admission to any seminary to a student whose language equipment is not satisfactory for that seminary.

The language requirement is met by passing one of two types of papers, hereafter referred to as the A.B. and the Ph.D. types. (1) A.B. type: a general test of reading at sight and with a dictionary which is given by Bryn Mawr College to candidates for the A.B. degree. (2) Ph.D. type: a test set by the major department in reading at sight and with a dictionary technical material in the candidate's field such as is required of Ph.D. candidates at Bryn Mawr College. Departments vary in the type of paper required.

Examinations in languages and in the techniques which may be substituted for one language will be held three times each year, in October, January, and April. Candidates who are completing the work for the M.A. in June must present themselves for the examinations in the preceding October or earlier. Candidates who try the examinations in October and fail may repeat them in January. No student may receive the M.A. degree in June who has not passed the examinations by the January period. The April examination is open only to students taking more than one year to complete the work for the M.A. and is open to them only during the academic years preceding the year in which the M.A. is to be awarded.

Program of Work. The candidate's program must include three units of work: (1) one seminary or graduate course; (2) a second seminary or supervised unit of graduate work; (3) a third seminary or an undergraduate course recommended by the major department. If undergraduate courses are included in this last unit, they must be supplemented by organized individual work. Under certain circumstances some undergraduate courses in science can be counted as seminaries, subject to the approval of the department and the Dean of the Graduate School. It is expected that this program will frequently include study in an allied field. Candi-

dates whose major department conducts a Journal Club are expected to include the Journal Club in their registration.

Special Field. The candidate shall, in consultation with the major department, select a special field for the M.A. paper and the Final Examination. It is expected that this field will normally relate to one of the seminars or units of graduate work in the candidate's program.

Final Requirements.

1. *Courses.* Before the Final Examination period, candidates must have completed to the satisfaction of their instructors the courses registered for the degree. No candidate will be admitted to the Final Examination if a course is reported as unsatisfactory.

2. *Paper in the Special Field of the Student's Major Subject.* Every candidate must present a paper in the special field. The paper may take the form of a report on a special piece of investigation carried on throughout the year or during a definite period, or of a problem which is assigned to be completed during a specified limit of time.

3. *An Examination.* Every candidate must pass a Final Examination which shall test her ability to place the special field in a general background of her major subject.

The Final Examination may not be taken until

- (1) the language requirements have been met (by January of the year in which the last full unit for the degree is registered);
- (2) the three units have been reported as satisfactory;
- (3) the paper in the special field has been accepted.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The course of study for the degree of Doctor of Philosophy at Bryn Mawr College is designed to prepare the candidate for a professional career as a scholar. The course offers the student the opportunity to acquire a broad general background in the chosen fields of knowledge and practice in research in these fields. The degree is awarded after the student's general knowledge and ability in research have been tested by examination and by a dissertation.

The candidate for the Ph.D. degree should have ability of high order, intellectual curiosity and critical judgment, independence, a broad general education, fundamental training in the major and allied fields and the determination needed to carry through an exacting program.

The general requirements for the Ph.D. degree, to which should be added the specific regulations of the various departments, are:

1. An undergraduate preparation in major and allied fields which is satisfactory to the departments concerned and to the Graduate Committee.

2. A course of study requiring a minimum, which will usually be exceeded, of three full years of graduate work in major and allied fields; two of these years, or for holders of the A.B. degree from Bryn Mawr College one, must be spent in the Graduate School of Bryn Mawr College. Candidates are strongly advised to complete at least seven units of graduate work including five graduate courses; there are, however, no formal course requirements for students who have been accepted as candidates for the degree.

3. The acceptance of the student as a candidate by the Director of her work, by members of her major department, and by the Graduate Committee.

4. A reading knowledge of French and German, tested by a written examination in the translation of French and German texts in the field of the major subject.

5. A satisfactory Preliminary Examination in the candidate's major and allied fields. This examination is intended to test the candidate's general knowledge of the fields rather than familiarity with particular courses.

6. The preparation of a dissertation judged to be a contribution worthy of publication. The dissertation must represent independent investigation in the field covered by the major subject. It must contain new material, results or interpretations.

7. A satisfactory Final Examination in the special field of the major subject in which the dissertation has been written.

8. The publication of the dissertation in whole or in part.

COURSES OF STUDY

1947-1948

Graduate courses are offered in the Departments of Biology, Chemistry, Classical Archæology, Comparative Philology and Linguistics, Economics and Politics, Education, English, French, Geology, German, Greek, History, History of Art, Italian, Latin, Mathematics, Music, Philosophy, Physics, Psychology, Social Economy and Social Research, and Spanish.

All undergraduate and graduate courses of the College are open to properly qualified graduate students. Only advanced and elective and a few second year undergraduate courses are described in this calendar. For the complete undergraduate program see the Calendar of Undergraduate Courses.

Graduate and undergraduate courses at the University of Pennsylvania are also available for graduate students of Bryn Mawr College. By a reciprocal arrangement with the University full-time graduate students of Bryn Mawr College are admitted without tuition charge to courses at the University for which they are qualified.

Three units of graduate work, each planned to take a third of the student's time, constitute a full program, and not more than three such courses may be elected by a student. The units of graduate work are of two types:

1. The graduate course or seminary, described under the departmental announcements.
2. An independent unit of graduate 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 of reading with assigned reports, research with results submitted, or a combination of both.

The prerequisites for graduate courses, approximately twenty semester hours of undergraduate work in the subject, are established by the various departments. In special cases, with the approval of the department concerned, work in related subjects of equivalent value may be accepted.

It is the practice of most departments to vary the graduate courses and seminaries from year to year so that a candidate for the degree of Doctor of Philosophy may pursue the work for several successive years. In special cases the announced order may be changed to suit the needs of students.

In many departments the instructors and graduate students meet from time to time in a Journal Club to discuss recent publications in their field of study. Students will be notified by their respective departments of arrangements for the Journal Clubs.

Every graduate student must register her courses at the Office of the Dean of the Graduate School within two weeks after entering the College. Permission to make any change in registration must be received from the Dean of the Graduate School.

Approved major and allied subjects for all departments are listed in the printed Regulations for the Degrees of Master of Arts and Doctor of Philosophy.

The Plan for Coordination in the Teaching of the Sciences offers special training in borderline subjects. A gift from the Carnegie Corporation enables the College to award scholarships to qualified students in such fields as biophysics, geophysics, and geochemistry. As such work demands a thorough knowledge of the fundamentals of at least two sciences, it is often impossible for students to include all the desired courses in four undergraduate years; these scholarships are intended primarily to provide for an additional year (mainly in the Undergraduate School) so that the student may be ready, at the end of five years, to begin graduate work in her chosen correlated fields. In addition to the sum allotted to scholarships part of the annual income from the Carnegie fund is set aside for special courses in related subjects. These courses vary from year to year with the needs and interests of the students in science.

Undergraduate courses in each department are numbered according to the following system:

Advanced courses in major work: 301, 302, and so forth.

Elective courses (indicated by *) are numbered in accordance with the year in which they are generally taken.

The letter "a" following a number indicates a half-course given in the first semester.

The letter "b" following a number indicates a half-course given in the second semester.

The letter "c" following a number indicates a half-course given two hours a week throughout the year.

Undergraduate courses which, though regular parts of the program, are not given in the current year are enclosed in square brackets.

Biology

ASSOCIATE PROFESSORS:

MARY SUMMERFIELD GARDINER, Ph.D.¹

L. JOE BERRY, Ph.D.

JANE MARION OPPENHEIMER, Ph.D.

WILLIAM E. NORRIS, A.B.

INSTRUCTOR:

Students may specialize either in animal morphology or in physiology (biochemistry or biophysics). Each seminary meets three hours weekly.

Seminary: Cytology: Dr. Gardiner.

(Not given in 1947-48)

Seminary: Embryology: Dr. Oppenheimer.

Seminary: Physiology: Dr. Berry, Mr. Norris.

¹ On leave of absence.

ADVANCED UNDERGRADUATE COURSES

[301. *Microscopic Anatomy*: Dr. Gardiner].

A study of tissues and cells, with instruction in the theory and technique of preparing material for histological and cytological examination. Two lectures, six hours laboratory a week.

[302. *Genetics*: Dr. Gardiner].

An historical review of the theories of inheritance, and an introduction to modern genetic theories and techniques. Two lectures, six hours laboratory a week.

[303. *Embryology*: Dr. Oppenheimer].

Embryology of the vertebrates with consideration of theoretical questions of embryological interest. Two lectures, six hours (minimum) laboratory a week.

304. *Bacteriology*: Dr. Berry, Mr. Norris.

Morphology, physiology and immunochemistry of the bacteria, with a consideration of photosynthetic and chemosynthetic as well as parasitic forms, bacteriophages and other viruses. Two lectures, six hours (minimum) laboratory a week.

305. *Biochemistry*: Mr. Norris.

The chemistry of living organisms with special emphasis on the chemical principles in physiological phenomena. Two lectures, six hours (minimum) laboratory a week. Physics 101 is recommended as preparation for this course.

306. *Biophysics*: Dr. Berry.

The application of physical processes and physical methods to the problems of general and vertebrate physiology. Two lectures, six hours (minimum) laboratory a week. Prerequisite: Physics 101.

307. *The Development of Scientific Thought*: Dr. Wyckoff, Dr. Oppenheimer.

(Interdepartmental Course 203. See page 57.)

308. *Fundamentals of Systematics*.

Offered at the Academy of Natural Sciences. One hour of lecture; four hours laboratory a week (Saturday mornings). A survey of the scope and methods of taxonomy, with a consideration of the mechanisms of speciation.

Chemistry

PROFESSOR:	JAMES LLEWELLYN CRENSHAW, Ph.D.
ASSOCIATE PROFESSORS:	MARSHALL DEMOTTE GATES, JR., Ph.D. ERNST BERLINER, Ph.D.
INSTRUCTOR:	EDITH HAMILTON LANMAN, M.A.

Students may specialize in either physical chemistry or organic chemistry. Each seminary meets two hours weekly.

Seminary: Physical Chemistry: Dr. Crenshaw.

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.

Seminary: Organic Chemistry: Dr. Berliner, Dr. Gates.

Theoretical and physical organic chemistry. Recent developments in the chemistry of Natural Products (Sterols, Hormones, Vitamins, Alkaloids, Terpenes, Heterocyclic Compounds).

ADVANCED UNDERGRADUATE COURSES

301. *Advanced Physical Chemistry:* Dr. Crenshaw.

First semester: elementary thermodynamics. Second semester: chemical kinetics. Two lectures, eight hours laboratory. Prerequisite: Mathematics 101. Credit: 1½.

302. *Advanced Organic Chemistry:* Dr. Gates, Dr. Berliner.

Lectures: theories and fundamental principles of organic chemistry. Laboratory: (first semester) organic qualitative analysis; (second semester) advanced synthesis and organic quantitative analysis. Two lectures, eight hours laboratory. Credit: 1½.

303. *Advanced Inorganic Analysis:* Miss Lanman.

One lecture, eight hours laboratory.

Classical Archæology

PROFESSORS:	RHYS CARPENTER, Ph.D., Litt.D. MARY HAMILTON SWINDLER, Ph.D., LL.D.
CURATOR OF SLIDES AND PHOTOGRAPHS:	HENRIETTA HUFF LANDES, A.B.
ASSISTANT PROFESSOR OF ANTHROPOLOGY:	FREDERICA DE LAGUNA, Ph.D.

Familiarity with both Greek and Latin, though not required except for candidates for the doctor's degree, is of the utmost value for graduate work in archæology. Each seminary meets two hours weekly.

Seminary: Dr. Carpenter.

1947-48: *Archæology of the Western Mediterranean.*

1948-49: *Greek Sculpture or Greek Epigraphy.*

Seminary: Dr. Swindler.

1947-48: *Greece of the Seventh Century.*

1948-49: *Problems in Ancient Painting.*

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

202a.* *Ancient Italy:* Dr. Carpenter.

202b.* *Cultural Geography of the Mediterranean:* Dr. Carpenter.

203.* *American Archæology:* Dr. de Laguna.

Anthropology 102 (see Undergraduate Calendar) is recommended as a preliminary to this course.

301a. *Ancient Painting:* Dr. Swindler.

301b. *Ancient Architecture:* Dr. Carpenter.

Comparative Philology and Linguistics

PROFESSOR OF

GERMANIC PHILOLOGY: FRITZ MEZGER, Ph.D.

PROFESSOR OF SPANISH:

JOSEPH E. GILLET, Ph.D.

NON-RESIDENT PROFESSOR OF

OLD FRENCH PHILOLOGY: GRACE FRANK, A.B.

PROFESSOR OF

ENGLISH PHILOLOGY: STEPHEN JOSEPH HERBEN, B.Litt., Ph.D.

ASSOCIATE PROFESSOR

OF ITALIAN: ANGELINE HELEN LOGRASSO, Ph.D.

This department is under the joint direction of the professors in charge of philological work in the language departments. The degree of Master of Arts is not offered in this department. For the degree of Doctor of Philosophy Comparative Philology and Linguistics may be offered as an allied subject but not as a major subject. 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 seminars and graduate courses meeting two hours weekly are offered by Dr. Mezger:

Sanskrit (one semester).

Sounds and forms of Sanskrit are studied on a comparative basis.

Studies in Indo-European Linguistics.

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.

Old and Middle Welsh (one semester).

Comparative grammar. Reading of the Mabinogion.

Old and Middle Irish (one semester).

Comparative grammar of Old Irish. Interpretation of texts.

The following seminars and graduate courses are announced in the language departments concerned, but may also be offered as a part of the work in Comparative Philology:

English Philology:

Old and Middle English.

Romance Philology:

Introduction to Old French Philology.

Old Italian.

Spanish Philology and Old Spanish Readings.

Germanic Philology:

Old Norse.

Germanic Philology.

Introduction to Germanic Philology.

Old Saxon and Old Frisian.

History of the English Language.

Economics and Politics

PROFESSOR:	ROGER HEWES WELLS, Ph.D.
ASSOCIATE PROFESSOR:	MILDRED BENEDICT NORTHROP, Ph.D.
ASSISTANT PROFESSOR:	JOSHUA C. HUBBARD, Ph.D.
INSTRUCTOR:	PETER BACHRACH, M.A.

Students may specialize either in economics or in politics. Each seminary meets two hours weekly.

ECONOMICS

The cycle of seminars usually offered in Economics includes the following subjects: International Trade and Commercial Policy; History of Economic Thought; Contemporary Economic Theory; Industrial Organization; Monetary Policy; Business Cycles; International Economics.

POLITICS

The cycle of seminars usually offered in Politics includes the following subjects: International Law; International Organization; Constitutional Law of the United States; History of Political Thought; Comparative Government; Public Administration.

ADVANCED UNDERGRADUATE COURSES

ECONOMICS

301a. *Full Employment*: Dr. Northrop.

301b. *International Economics*: Dr. Northrop.

POLITICS

314. *Reconstruction in Western Europe*: Dr. Wells.

Education

PRESIDENT OF THE COLLEGE:

KATHARINE ELIZABETH MCBRIDE, Ph.D., LL.D., L.H.D.

ASSISTANT PROFESSOR:

RACHEL DUNAWAY COX, Ph.D.

ASSISTANT IN THE EDUCATIONAL SERVICE:

MYRTLE CORLISS NASH, M.A.

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. Each seminary meets two hours weekly.

The Berkley Nursery School of Haverford, directed by Madeleine H. Appel and Amanda B. Stadie, is affiliated with Bryn Mawr College. It offers facilities for participation and observation to graduate and undergraduate students.

The Department of Education maintains a psychological and educational service for school children in the vicinity. The service is directed by Dr. Cox. A separate building on the college grounds has been set aside for this work, with rooms equipped for the individual examination of pupils and for remedial teaching.

Seminary: Educational Psychology: Dr. Cox.

(Given as required)

Learning, psychological study of the individual child, and educational adjustment are the chief subjects of this seminary. Psycho-educational problems are demonstrated and opportunities provided for students to carry on practical work on these problems.

Seminary: Mental Measurement: Dr. Cox.

(Given as required)

Seminary: Research Problems in Clinical Psychology.

(Not given in 1947-48)

The research problems attacked will be selected according to the interests of the student and the fields offering favorable opportunities for significant contributions; for example, the psychology of speech, diagnosis and remedial work for children with reading disabilities.

Seminary: Philosophy of Education.
(Not given in 1947-48)

Seminary: Principles of Education.
(Not given in 1947-48)

Graduate Course: Educational Psychology.
(Not given in 1947-48)

This course is designed to meet the needs of students who are actually engaged in teaching. The course will deal with the psychology of learning, psychological study of the individual child and problems of educational adjustment. Opportunity is provided for students to carry on practical work on these problems.

FREE ELECTIVE COURSES

[101b.* *Principles of Education*].

[201a.* *Educational Psychology*: Dr. Cox].

Prerequisite: Psychology 101b.

202a.* *Child Psychology*: President McBride.

Prerequisite: Psychology 101b.

English

PROFESSORS:

SAMUEL CLAGGETT CHEW, Ph.D.

STEPHEN JOSEPH HERBEN, Ph.D.

CORNELIA LYNDE MEIGS, A.B.

ASSOCIATE PROFESSORS:

ARTHUR COLBY SPRAGUE, Ph.D.

MARY KATHARINE WOODWORTH, Ph.D.

K. LAURENCE STAPLETON, A.B.¹

ASSISTANT PROFESSORS:

BETTINA LINN, M.A.

FREDERICK WAKEFIELD THON, M.F.A.

Each seminary meets two hours weekly.

Seminary: English Literature: Dr. Chew.

1947-48: *Victorian Literature*.

1948-49: *Romanticism*.

Seminary: English Literature: Dr. Sprague.

1947-48: *Elizabethan Poetry*.

1948-49: *Shakespeare*.

1949-50: *Restoration Drama*.

Seminary: English Literature: Dr. Woodworth.

1947-48: *Literature of the Eighteenth Century*.

¹ On leave of absence for the first semester.

Seminary: Milton: Miss Stapleton.
(Not given in 1947-48)

Seminary: Old and Middle English: Dr. Herben.

One of the following is given in each year:
Old English Christian Poetry
Beowulf and the Old English Lyrics
Chaucer
Middle English Romances.

A Seminary in Philology for students of English is offered in the Department of German (see page 41).

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

LANGUAGE

211b.* *History of the English Language:* Dr. Herben.

LITERATURE

[301. *Old English Literature:* Dr. Herben].

After some training in Old English grammar, selections from prose and poetry are read, followed by the *Beowulf*.

302b. *The Drama from the Beginnings to 1642:* Dr. Sprague.

303. *English Poetry from Spenser to Donne:* Dr. Sprague.

The principal poets studied are Spenser, Sidney, Daniel, Drayton, Shakespeare (the narrative poems and the sonnets), Ben Jonson, and Donne.

304b. *Milton:* Miss Stapleton.

[305. *The Eighteenth Century:* Dr. Woodworth].

The Age of Pope and Swift; the Rise of the Novel; Dr. Johnson and his Circle.

French

PROFESSORS:	EUNICE MORGAN SCHENCK, Ph.D. ¹ MARGARET GILMAN, Ph.D.
NON-RESIDENT PROFESSOR:	GRACE FRANK, A.B.
ASSOCIATE PROFESSORS:	GERMAINE BRÉE, <i>Agrégée</i> BERTHE MARIE MARTI, Ph.D.
ASSISTANT PROFESSOR:	LOUIS PAMPLUME, <i>Agrégé</i>
INSTRUCTOR:	KERNAN B. WHITWORTH, M.A.

Graduate Course: Introduction to Old French Philology: Mrs. Frank.

¹ On leave of absence for the first semester.

Seminary: Medieval French Literature: Mrs. Frank.

1947-48: *Old French Narrative Poetry.*

1948-49: *The Dramatic Literature of Medieval France.*

1949-50: *The Lyric, including the Courtly Lyric of Provence.*

Seminary: French Literature of the Sixteenth and Seventeenth Centuries.

1947-48: *Drama and Dramatic Theory in the Seventeenth Century:* Miss Brée.

Seminary: French Literature since 1715.

1947-48:

Semester I: *Baudelaire:* Dr. Gilman.

Semester II: *Flaubert until 1857:* Dr. Schenck.

ADVANCED UNDERGRADUATE COURSES

[301. *Introduction to Medieval French Literature and Philology:* Dr. Marti].

302. *French Literature of the Sixteenth Century:* Mr. Pamplume.

[303. *French Literature of the Seventeenth Century:* Miss Brée].

[304. *The Modern French Novel:* Dr. Schenck.]

305. *French Poetry from Baudelaire to the Present Day:* Dr. Gilman.

[306. *Modern French Drama:* Dr. Schenck].

307c. *Advanced Training in the French Language:* Mr. Pamplume, Mr. Whitworth.

Geology

PROFESSORS:

EDWARD H. WATSON, Ph.D.

LINCOLN DRYDEN, Ph.D.

ASSOCIATE PROFESSOR:

DOROTHY WYCKOFF, Ph.D.

A preparation in general geology, mineralogy and paleontology is required. For students specializing in petrology, mineralogy or metamorphism courses in general chemistry, general physics, and physical chemistry are desirable; for those specializing in stratigraphy or paleontology, general biology and general chemistry are desirable.

Seminary: Petrology: Dr. Watson.

Selected subjects in the structure, physical chemistry and origin of the igneous rocks. Two lectures a week.

Seminary: Metamorphism: Dr. Wyckoff.

The physical and chemical processes of metamorphism, accompanied by regional studies. Two lectures a week.

Seminary: Petrographic Methods: Dr. Watson, Dr. Wyckoff.

This is largely a course in laboratory instruction and in general will accompany the seminars in petrology and metamorphism. Special techniques such as the universal stage, integrating stage, mechanical separations from rocks and petrofabric analysis will be taught. Twelve hours of laboratory a week.

Seminary: Stratigraphy: Dr. Dryden.

A study of selected theoretical and practical problems of correlation. Usually conducted in connection with a field problem. Two lectures a week.

Seminary: Sedimentation: Dr. Dryden.

A study of the origin of sedimentary rocks: their source, transportation, and deposition. Two lectures and one afternoon of laboratory a week.

*The Plan for Coordination in the Teaching
of the Sciences*

Seminary: Crystallography: Dr. Wyckoff, Dr. Patterson.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

301. *Structural and Field Geology:* Dr. Watson.

The origin and analysis of the structures of igneous, sedimentary, and metamorphic rocks, and geological surveying. Three lectures, two afternoons of field work or laboratory a week.

302. *Stratigraphy:* Dr. Dryden.

A survey of the stratigraphy of selected regions in Europe and North America, and study of special problems of correlation and interpretation. Three lectures, one afternoon of laboratory a week.

303. *Optical Mineralogy* (first semester) and *Petrology* (second semester): Dr. Wyckoff.

The optical properties of minerals and the use of the petrographic microscope. Discussion of the origin and differentiation of igneous rocks. Two lectures, about twelve hours of laboratory a week. Credit: 1½ units.

304.* *Cartography:* Dr. Watson, Dr. Wyckoff.

Field surveying, drafting, photogrammetry, elementary geomorphology, and general cartography. Open to students without previous work in geology. Two lectures, two afternoons of laboratory a week.

[305. *Geography:* Dr. Wyckoff].

Discussion of geographic factors such as climate, soils, vegetation, land forms and mineral resources. General principles of economic and political geography. Three lectures, one afternoon of laboratory a week.

306. *The Development of Scientific Thought:* Dr. Wyckoff, Dr. Oppenheimer.

(See Interdepartmental Course 203, page 57.)

German

PROFESSORS:	FRITZ MEZGER, Ph.D. MAX DIEZ, Ph.D.
ASSOCIATE PROFESSOR:	MYRA RICHARDS JESSEN, Ph.D.
INSTRUCTORS:	MARTHA MEYSENBURG DIEZ, M.A. HILDE D. COHN, Ph.D.

Each seminary meets two hours weekly. The seminaries given are selected from the following:

Seminary: German Literature: Dr. Jessen.

The Classical Drama: Goethe and Schiller.

The "Novelle" of Realism: Gottfried Keller and his Contemporaries.

The Lyric Poetry of Goethe and Hölderlin.

Seminary: German Literature: Dr. Diez.

The Nibelungenlegend, its Development in the Middle Ages and its Revival in the Nineteenth Century.

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.

Seminary in a Germanic Language: Dr. Mezger.

The seminary given is selected from the following:

Old Norse: Saga and Edda.

Old Saxon and Old Frisian.

History of the German Language.

History of the English Language.

Seminary: Germanic Philology: Dr. Mezger.

The seminary given is selected from the following:

Introduction to Germanic Philology.

Germanic and Indo-Germanic Word-Formation

Germanic Metrics and Semantics.

Seminary: Old High German and Middle High German Language and Literature: Dr. Mezger.

1947-48: *Parzival and Tristan und Isolde.*

Graduate Course: Language and Civilization: Dr. Mezger.

ADVANCED UNDERGRADUATE COURSES

The courses given are selected from the following:

301. *Advanced Training in Translation:* Dr. Diez.

Written translation of difficult German prose and extemporaneous oral translation from and into German.

302. *History of German Civilization:* Dr. Diez.

303. *Classics of the Nineteenth Century:* Dr. Diez.

304. *German Literature from 1850 to 1930:* Dr. Mezger.

305. *Introduction to German Philology:* Dr. Mezger.

a. *History of the German Language,* or

b. *Old High German and Middle High German Literature.*

306. *The German "Novelle":* Dr. Jessen.

307. *German Drama:* Dr. Jessen.

Greek

ASSOCIATE PROFESSOR:

RICHMOND LATTIMORE, Ph.D.

ASSISTANT PROFESSOR:

MABEL LOUISE LANG, Ph.D.¹

LECTURER:

DELIGHT TOLLES, Ph.D.

PROFESSOR OF CLASSICAL

ARCHAEOLOGY:

RHYS CARPENTER, Ph.D., Litt.D.

An adequate knowledge of Latin is expected. Each seminary meets two hours weekly.

Seminaries in Classical Archæology are available for graduate students in Greek who are qualified to enter them by some previous training in archæology.

Seminary: Dr. Frank.

1947-48: *Aristotle and Plato.*

This Seminary is given in the Departments of Greek and Philosophy.

Seminary: Dr. Tolles.

1947-48: *Attic Tragedy.*

Seminary: Dr. Lattimore.

1948-49: *Lyric Poetry.*

Seminary: Dr. Lang.

1948-49: *The Peloponnesian War.*

¹ On leave of absence.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

203.* *Greek Literature in Translation*: Dr. Lattimore, Dr. Tolles.

301. *Attic Tragedy, Attic Orators, Historians, Plato, Pindar, Melic Poets, Homer*: Dr. Lattimore, Dr. Tolles.

The student selects her work from these fields and authors in consultation with the department.

History

PROFESSOR: HELEN TAFT MANNING, Ph.D., LL.D.¹

ASSOCIATE PROFESSORS: CAROLINE ROBBINS, Ph.D.
JOHN CHESTER MILLER, Ph.D.
FELIX GILBERT, Ph.D.

ASSISTANT PROFESSOR: GEORGE CUTTINO, D.Phil.¹

INSTRUCTOR: JOANNE LOEWE COATES, M.A.

PROFESSOR OF LATIN: THOMAS ROBERT SHANNON BROUGHTON, Ph.D.

Each seminary meets two hours weekly.

Graduate Course: History and Historical Method: The Department.

This lecture course should be elected by all students who are preparing themselves for the Ph.D. degree with History as a major.

Seminary: Medieval History: Dr. Cuttino.

The Seminary given is selected from the following:

Europe in the Age of Charlemagne.

The Twelfth Century Renaissance.

England and France, 1204-1339.

(Not given in 1947-48)

Seminary: Modern British History: Dr. Manning.

The Seminary given is selected from the following:

Imperial History, 1880-1940.

English History, 1783-1846.

(Not given in 1947-48)

Seminary: Seventeenth Century England: Dr. Robbins.

The Seminary given is selected from the following:

Civil War and Protectorate (1640-1660).

The Revolution Settlement (1688-1701).

Restoration and Revolution (1660-1688).

Seminary: Eighteenth Century Civilization: Dr. Robbins.

Seminary: American History: Dr. Miller.

1947-48: *The Civil War and Reconstruction.*

1948-49: *The Revolution, the Confederation and the Constitution.*

1949-50: *Jeffersonian and Jacksonian Democracy.*

¹ On leave of absence.

- Seminary in Modern European History*: Dr. Gilbert.
 1947-48: *International Affairs in the Modern World*.
 1948-49: *European Intellectual History in the Sixteenth Century*.
Seminary: Latin: Dr. Broughton.
 1947-48: *History and Literature of the Second Century B.C.*

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

- 207.* *History of the Ancient World*: Dr. Broughton.
 [208.* *History of Russia*: Dr. Gilbert].
 301. *History of Europe since 1890*: Dr. Gilbert.
 302a. *Rise of the Americas*: Dr. Miller.
 The French, Spanish, and British colonial empires; the revolutionary movements and the development of the Latin-American states to the present day.
 [303a. *Social and Intellectual History of the United States*: Dr. Miller.]
 304a. *English History in the Nineteenth Century*: Mrs. Coates.

History of Art

ASSOCIATE

PROFESSORS: JOSEPH C. SLOANE, JR., M.F.A.
 ALEXANDER COBURN SOPER, III., M.F.A., Ph.D.
 RICHARD BERNHEIMER, Ph.D.

CURATOR OF SLIDES

AND PHOTOGRAPHS: HENRIETTA HUFF LANDES, A.B.

Each seminary meets two hours weekly. The seminaries given are selected from the following:

- Seminary: Modern Art*: Mr. Sloane.
Seminary: Medieval Art: Dr. Bernheimer.
Seminary: Art Theory: Dr. Bernheimer.
Seminary: Far Eastern Art: Dr. Soper.

UNDERGRADUATE COURSES

- 201a. *Italian Art*: Mr. Sloane.
 From the fifteenth to the later sixteenth century.
 202b. *Art of the Northern Renaissance*: Dr. Bernheimer.
 Painting, sculpture, and the graphic arts north of the Alps from 1400 to the later sixteenth century.

203. *Medieval Art*: Dr. Soper, Dr. Bernheimer.

From the beginnings of Christian art to the International Style around 1400.

301. *Baroque and Rococo Art*: Dr. Bernheimer, Mr. Sloane.

The arts of Europe from the late sixteenth century to the French Revolution.

302.* *Art of the Far East*: Dr. Soper.

Chinese and Japanese art from the earliest dynasties to the present including a survey of Indian art as an introduction to Buddhism in the Far East.

303.* *Modern Art*: Mr. Sloane, Dr. Soper.

The arts in Europe and the Americas from the French Revolution to the present including the minor arts and photography.

History of Religion

PROFESSOR OF ENGLISH LITERATURE: SAMUEL CLAGETT CHEW, Ph.D.

ASSOCIATE PROFESSOR OF LATIN: AGNES KIRSOPP MICHELS, Ph.D.

Instruction offered in the History of Religion and in Biblical Literature is not organized on the scale of a regularly constituted department; there is no major work in either subject.

101c.* *The Rise of Judaism and Early Christianity*: Dr. A. K. Michels.

The reading is taken, as far as possible, from the original sources.

[102c.* *Christianity in the Roman Empire*: Dr. A. K. Michels].

The reading is taken, as far as possible, from the original sources.

103.* *Literary History of the Bible*: Dr. Chew.

The English Bible from the point of view of origins and literary forms.

Italian

ASSOCIATE PROFESSOR: ANGELINE HELEN LOGRASSO, Ph.D.

Each seminary meets two hours weekly.

Seminary: Italian Literature: Dr. Lograsso.

1947-48: *Dante*.

1948-49: *Studies in Italian Romanticism*.

1949-50: *Manzoni*.

Seminary: Old Italian: Dr. Lograsso.

(Given as required)

Old Italian Philology, with critical readings of early Italian texts.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

102c.* *Dante in English Translation*: Dr. Lograsso.
The New Life and Divine Comedy.

[103c.* *Literature of the Italian Renaissance in English Translation*: Dr. Lograsso].

From Petrarch to Tasso; pastoral literature; literary criticism and aesthetic theories of the Renaissance with special reference to their influence on other literatures.

301. *Dante*: Dr. Lograsso.

The *Vita Nuova* and *Divina Commedia*, with some attention to the minor works.

[302c. *The Italian Language*: Dr. Lograsso].

Advanced work in composition.

[303. *Italian Literature of the Rinascimento*: Dr. Lograsso].

[304. *Italian Literature of the Romantic Period*: Dr. Lograsso].

Latin

PROFESSORS:

LILY ROSS TAYLOR, Ph.D., Litt.D.

THOMAS ROBERT SHANNON BROUGHTON, Ph.D.

ASSOCIATE PROFESSORS: BERTHE MARIE MARTI, Ph.D.

AGNES KIRSOPP MICHELS, Ph.D.

All students who intend to do advanced work in Latin should have an adequate knowledge of Greek. Each seminary meets two hours weekly.

Seminary: Dr. Taylor, Dr. Broughton.

1947-48: *Literature and History of the Second Century before Christ.*

Seminary: Dr. A. K. Michels.

1947-48: *Roman Satire.*

Seminary: Dr. Marti.

1947-48: *Classical Scholarship in the Middle Ages.*

Seminary: Dr. Taylor, Dr. Marti.

1948-49: *Catullus and Lucretius.*

Seminary: Dr. Broughton.

1948-49: *Cicero's Correspondence.*

Two of the following seminaries will be given in subsequent years:

The Age of Plautus and Terence: Dr. A. K. Michels.
Vergil: Dr. A. K. Michels.

The Augustan Empire: Dr. Broughton.

Latin Literature in the Twelfth Century: Dr. Marti.

ADVANCED UNDERGRADUATE COURSES

[301a. *Vergil's Georgics and Aeneid*: Dr. Michels].

[301b. *Livy's History and Tacitus's Annals*: Dr. Broughton].

302a. *Lucretius and Catullus*: Dr. Taylor.

The *De Rerum Natura* of Lucretius and the longer poems of Catullus.

302b. *Cicero and Caesar*: Dr. Broughton.

Extensive selections from Cicero's *Orations* and *Letters* and from Caesar's *Commentaries*. Chief emphasis is placed on the social and political history of the period.

Mathematics

PROFESSOR: ANNA PELL WHEELER, Ph.D., Sc.D.

ASSOCIATE PROFESSORS: MARGUERITE LEHR, Ph.D.

JOHN CORNING OXTOBY, M.A.

Appointment to be announced.

At least three seminars are offered each year. Additional courses in directed reading and research can be arranged. A joint Graduate Mathematical Club with Haverford and Swarthmore colleges and the University of Pennsylvania holds fortnightly meetings.

The seminars given are selected from the following:

Abstract Algebra

Algebraic Geometry

Differential Geometry

Fourier Series

Functional Analysis

Mathematical Physics

Measure Theory

Probability Theory and Mathematical Statistics

Projective Geometry and Lattice Theory

Theory of Functions of a Complex Variable

Theory of Functions of a Real Variable

Topology

ADVANCED UNDERGRADUATE COURSES

301. *Advanced Calculus*: Dr. Wheeler, Mr. Oxtoby.

Prerequisite: Mathematics 201.

302, 302a or b. *Advanced Geometry*: Dr. Lehr.

Prerequisite: Mathematics 202c.

303a or b. *Advanced Algebra*: Dr. Lehr, Mr. Oxtoby.

Prerequisite: Mathematics 202c.

310. *Theory of Functions of a Complex Variable*: Dr. Wheeler, Mr. Oxtoby.

Prerequisite: Mathematics 301.

311b. *Differential Equations*: Dr. Wheeler, Mr. Oxtoby.

Prerequisite: Mathematics 301 (may be taken concurrently).

Music

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

Appointment to be announced.

LEADER OF ORCHESTRA AND ENSEMBLE GROUPS:

Appointment to be announced.

Individual students may be directed in special work by means of private conferences. Graduate students are cordially invited to join the orchestra and chamber music groups organised by the department.

The seminary meets two hours weekly.

Seminary: Free Composition: Mr. Alwyne.

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.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

Students in the courses in History and Appreciation of Music must devote two hours or more a week to listening to gramophone records assigned by the department.

101.* *History and Appreciation of Music:* Mr. Alwyne.

A comprehensive survey from the period of early Plain-chant to the end of the nineteenth century, with special emphasis on the technique of intelligent listening.

201.* *Advanced History and Appreciation of Music:* Mr. Alwyne.

A more amplified and intensive study of nineteenth century music. The Symphonic Poem, Art-Song and Music-Drama. Expansion of orchestral and pianoforte technique; development of symphonic and chamber-music forms; growth of Nationalism.

Prerequisite: Music 101 or its equivalent.

301c.* *Third Year History and Appreciation of Music:* Mr. Alwyne.

The development of Opera and Music-Drama. The trends of Modern Music and significant representative works.

Prerequisites: Music 101 and 201 or their equivalents.

102.* *Elementary Harmony:* Instructor to be announced.

Study of melody and harmony of Classic and Romantic periods. Extensive ear-training in scales, keys, melodies, intervals and rhythm. Writing of simple four-part harmonic progressions through the dominant seventh. Analysis of folk tunes, chorales and simple piano pieces.

Prerequisite: Ability to sing simple melodies at sight.

202.* *Advanced Harmony*: Instructor to be announced.

Continuation from 102. Late Romantic and Modern harmonic relations. Writing for strings. Analysis. Original work.

Prerequisite: Music 102 or its equivalent.

203c.* *Elementary Counterpoint*: Instructor to be announced.

Sixteenth Century Counterpoint. Writing from one to four voices and study of choral works of that period.

Prerequisite: Music 102.

202c.* *Advanced Counterpoint*: Instructor to be announced.

Fugue in the Bach pattern. Writing and study of the history of different forms of Fugue style.

Prerequisite: Music 102 and 203c.

Philosophy

PROFESSOR:	MILTON CHARLES NAHM, B.Litt., Ph.D.
ASSOCIATE PROFESSOR:	ISABEL SCRIBNER STEARNS, Ph.D. ¹
ASSISTANT PROFESSOR:	RICHARD M. MARTIN, Ph.D.

VISITING PROFESSORS:	ERICH FRANK, Ph.D.
	PAUL SCHRECKER, Ph.D.

A minimum of three seminars, historical and systematic, is offered each year. Each seminary meets two hours weekly. Students have the privilege of becoming auxiliary members of the Fullerton Philosophy Club, which meets monthly at the Deanery, and at which papers are read by members of the faculties of Bryn Mawr College, the University of Pennsylvania, Swarthmore College, etc.

Seminary: Dr. Nahm.

1947-48: *Ethics*.

The Ethics of Kant and Hegel; or The History of English Ethics; or Henry Sidgwick and contemporary British moralists.

1948-49: *Kant*.

Kritik of Pure Reason.

1949-50: *Aesthetics*.

A systematic and historical analysis of problems in the philosophy of art.

Seminary: Dr. Stearns.¹

1948-49: *Epistemology*.

An historical and systematic study of the function of reason and other agencies of knowledge.

¹ On leave of absence.

1949-50: *Plato*.

A detailed study of the later dialogues.

1950-51: *Metaphysics*.

A study of such problems as the nature of time, the one and the many, the individual, appearance and reality.

Seminary: Dr. Martin.

1947-48: *Logic*.

A systematic study of one or more topics in logical theory.

1948-49: *The Philosophies of Peirce, Russell, or Whitehead*.

Selected readings from one or more of these authors.

1949-50: *Scientific Philosophy and Analysis*.

Detailed study of one or more problems in philosophical analysis.

Seminary: Dr. Frank.

1947-48: *Aristotle and Plato*.

A study of one or two of Aristotle's principal works in relation to Plato.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

301a. *Aesthetics:* Dr. Nahm.

Types of aesthetic theory and problems of aesthetic experience.

301b. *Naturalism and Empiricism:* Dr. Martin.

Selected readings from authors in the naturalistic tradition.

or

Logical Foundations of Mathematics.

Systematic study of some one formal logistic system or of certain problems in theoretical semantics.

[302a. *Aristotle:* Dr. Frank].

A study of Aristotle's principal ideas and their importance for the history of thought.

[302b. *Recent Philosophy:* Dr. Stearns].

The philosophies of Dewey, Whitehead, and related thinkers.

303a. *The Epoch of Scientific Rationalism:* Dr. Schrecker.

303b. *Introduction to the Philosophy of Civilization:* Dr. Schrecker.

Physics

PROFESSOR:

WALTER C. MICHELS, Ph.D.

ASSOCIATE PROFESSOR:

ARTHUR LINDO PATTERSON, Ph.D.

One graduate seminary or lecture course in theoretical physics is offered each year. In addition, a seminary in experimental physics is arranged individually for students desiring it, and generally serves as an introduction to a research problem. Each full time graduate student majoring in the department is expected to carry

on some experimental work in every year. 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.

Each seminary meets five hours weekly.

Seminary: Experimental Physics: Dr. Michels, Dr. Patterson.

Seminary: Theoretical Physics: Dr. Michels, or Dr. Patterson.

The subject will be selected from one of the major fields of Theoretical Physics according to the needs of the students.

*The Plan for Coordination in the Teaching
of the Sciences*

Seminary: Crystallography: Dr. Wyckoff, Dr. Patterson.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

301. *Electricity and Magnetism:* Instructor to be announced.

Three lectures, four hours laboratory a week. Prerequisites: Physics 101, 201 or 202, 203, 204, 205 and Mathematics 101, 201.

303. *Introduction to Experimental Physics:* Dr. Patterson.

Three lectures, four hours laboratory a week. Prerequisites: Physics 206 and Mathematics 201 (either may be taken concurrently).

[304. *Introduction to Mathematical Physics:* Dr. Michels or Dr. Patterson].

Four lectures a week. Prerequisites: Physics 206, Mathematics 201, and Physics 303 (may be taken concurrently).

305. *Physical Measurements:* Dr. Michels and Dr. Patterson.

Four hours laboratory a week. Prerequisites: Physics 303 or Physics 304 (either may be taken concurrently).

351.* *Application of Physics to Biology and Chemistry:* Dr. Patterson.

Three lectures, four hours laboratory a week. Prerequisites: Physics 101 and Mathematics 101 and second year work in either Chemistry or Biology.

Psychology

PROFESSOR:

HARRY HELSON, Ph.D.

ASSISTANT PROFESSOR:

RACHEL DUNAWAY COX, Ph.D.

Appointment to be announced.

Each seminary meets two or more hours weekly.

Seminary: Research Problems: Dr. Helson.

Methods of measurement, statistical techniques, practice in observation and acquaintance with standard types of apparatus are stressed.

Seminary: Psychopathology: Instructor to be announced.

Problems of abnormal and dynamic psychology.

Seminary: History of Psychology: Dr. Helson.

Seminary: Physiological Psychology: Dr. Helson.

Some laboratory work will be done although the course is not primarily an experimental one.

Seminary: Social Psychology: Instructor to be announced.

For graduate work in Educational Psychology see the Department of Education (pages 36-37).

ADVANCED UNDERGRADUATE COURSES

301. *Advanced Experimental Psychology:* Dr. Helson.

About six weeks are devoted to a consideration of psychophysical and statistical methods, after which the student's time is given to experimental work on a selected problem. Students must obtain the consent of the instructor before registering for this course.

302a. *Clinical and Experimental Psychopathology:* Instructor to be announced.

The psychodynamics of abnormal behavior, clinical types, methods of investigation, and principles of psychotherapy; laboratory training in the experimental investigation of psychodynamic processes. The clinic is conducted by Dr. Edward A. Strecker, Professor of Psychiatry, School of Medicine, University of Pennsylvania.

302b. *Psychology of Personality:* Instructor to be announced.

The study of the problems of development and organization of personality. Prerequisites: 204b, 302a.

Russian

ASSISTANT PROFESSOR OF ENGLISH: BETTINA LINN, M.A.

ASSISTANT PROFESSOR: FRANCES DE GRAAFF, Ph.D.

1.* *Elementary Russian:* Dr. de Graaff.

2.* *Intermediate Russian:* Dr. de Graaff.

Composition and conversation; reading in Russian classics and contemporary material. Prerequisite: Elementary Russian.

201.* *Russian Literature in Translation:* Miss Linn.

The leading Russian writers of the 19th century in translation. Students registering for the course should read in the preceding summer the following novels: Dostoevsky's *Crime and Punishment*, Tolstoi's *War and Peace*, and two of Turgenev's novels.

Sociology and Social Economy
The Carola Woerishoffer Department
of
Social Economy and Social Research

ASSOCIATE PROFESSOR:	HERTHA KRAUS, Ph.D.
ASSISTANT PROFESSOR OF ANTHROPOLOGY:	FREDERICA DE LAGUNA, Ph.D.
LECTURERS IN SOCIOLOGY AND SOCIAL RESEARCH:	RAY HAMILTON ABRAMS, Ph.D. KATHERINE LOWER, Ph.D. MAXINE S. WOOLSTON, Ph.D.
LECTURER IN SOCIAL CASE WORK:	MARY MARGARET ZENDER, M.A., M.S.S.
LECTURER IN MEDICAL SOCIAL WORK:	MURIEL JANET GAYFORD, M.S.P.A.
LECTURER IN MEDICAL INFORMATION:	MARY H. EASBY, M.D.
LECTURERS IN PSYCHIATRIC INFORMATION:	LEON J. SAUL, M.D. M. ROYDEN C. ASTLEY, 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 should 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.

For qualified students of Sociology the degree of Master of Arts is awarded on fulfillment of the requirements stated on pp. 26-28.

For students of Social Economy, two years of work are required for the Master's degree. Two degrees are offered, Master of Arts and Master of Social Service. Candidates for the former degree must fulfill the requirements stated on pp. 26-28 and must complete a two-year sequence of courses which are mainly theoretical in character. Candidates for the degree of Master of Social Service must complete five units of work including at least one seminary in Social Case Work and must prepare a Master's paper. Candidates for this degree are exempt from the language requirements.

The Departments of Economics and Politics, Psychology and Education offer seminaries which are recommended to students of Social Economy and Social Research.

Each seminary meets two hours weekly.

I. SOCIOLOGY AND SOCIAL ECONOMY

Seminary: Anthropology: Dr. de Laguna.

A comparative study of cultures and the relation of social institutions to the culture pattern.

Seminary: History of Social Welfare (first semester): Dr. Kraus.

A brief survey of the more important earlier methods of assisting the poor and handicapped, and of the major community resources developed for the purpose both here and abroad.

Seminary: Legislation for Social Security (second semester): Dr. Kraus.

A study of social legislation in the United States today, and of probable tendencies in the near future, including the changes in fundamental concepts underlying social legislation. Important social legislation in selected European countries is used as comparative material.

Seminary: Methods of Social Research: Dr. Lower.

The principles and methods employed in social research as used by government, social agencies and students of social sciences.

Students who wish special preparation in social research may be required to carry a field work assignment under supervision to supplement project study.

Seminary: Social Administration (first semester): Dr. Kraus.

The principles and procedures of administration as applied to public and private social agencies, and inter-agency relations.

Opportunities for field work and research will be arranged according to the interests and qualifications of the student.

(Not given in 1947-48)

Seminary: Community Organization for Social Welfare (second semester): Dr. Kraus.

A study of past and present methods and trends in the organized planning and promotion of social welfare programs, including the techniques and problems of planning in particular fields, such as housing, adult education and social security.

Seminary: Problems of Public Welfare Administration (one semester): Dr. Kraus.

An intensive study of selected problems for advanced students.

Prerequisite: *Seminary in Public Administration, History of Social Welfare or Social Legislation.*

Seminary: Administration of International Relief and Migration Services (one semester): Dr. Kraus.

The history and principles of international social services in the fields of relief, relocation and reconstruction, with special emphasis on current problems in European countries.

(Not given in 1947-48)

II. TECHNIQUES IN THE SOCIAL SERVICES

Seminary: Social Case Work: Miss Zender.

A study of professional service to individuals who are confronted with difficulties in their social situation which they are unable to solve without help. Laboratory and field work: 600 hours.

Seminary: Advanced Case Work: Miss Zender.

A study of case material designed to deepen the student's skill in dealing with the various problems which bring clients to the social case work agencies. Laboratory and field work: 600 hours.

Seminary: Principles of Medical Social Work: Miss Gayford.

A study of medical social case work in various medical settings with emphasis upon understanding the social and emotional component in illness and in medical care; attention is given to the history of the field of medical social work and to its administration. Laboratory and field work: 600 hours.

Seminary: Medical Problems in Social Work (first semester): Dr. Easby and Miss Gayford.

The meaning in social maladjustment of health, disease, disability, diagnosis, treatment, prognosis, and prevention, including a description of a selected number of diseases and medical conditions, with emphasis on individual medical care.

Seminary: Psychiatric Aspects of Social Case Work (second semester).

A discussion of psychiatric problems as they commonly appear in social case work and the function and limitations of social case work in dealing with emotional disturbance.

Lectures: Psychiatric Information (first semester, non-credit).

A systematic presentation of the field of psychiatry as it impinges upon the work of the social case worker. These lectures are open to students of Advanced Social Case Work. Seminars in Medical Problems in Social Work, and Psychiatric Aspects of Social Case Work are prerequisites.

Lectures: Medical Information (second semester, non-credit): Dr. Astley.

Medical lectures, clinic observation and participation in hospital ward rounds for students of medical social work. To accompany medical social work.

ADVANCED UNDERGRADUATE COURSES

202b. *Public Child Welfare Services:* Dr. Kraus.

A survey of child welfare services with special emphasis on the development of recent government programs.

204. *Ethnology*: Dr. de Laguna.

The course will deal with the cultures of contemporary non-literate peoples in the light of recent ethnological theories. Prerequisite: Sociology 102.

301. *American Archaeology*: Dr. de Laguna.310. *Social Theory*: Instructor to be announced.

Spanish

PROFESSOR:	JOSEPH E. GILLET, Ph.D.
DEAN OF THE COLLEGE:	DOROTHY NICOLE NEPPER, Ph.D.
ASSISTANT PROFESSOR:	MANUEL ALCALÁ, A.B.

The seminary meets two hours weekly.

Seminary: Dr. Gillet.

1947-48: *The Spanish Drama before Lope de Vega*.

1948-49: *Old Spanish Philology and Literature*.

1949-50: *Cervantes, the Novelas Exemplos and the Entremeses*.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

201. *Spanish-American Literature*: Mr. Alcalá.

The development of Spanish-American literature from its beginnings. Collateral reading and reports.

[203. *The Spanish Novel*: Dr. Nepper].

The history of the novel in Spain from the beginnings to the present day. Collateral reading and reports.

301. *History of Spanish Literature from the Renaissance to Romanticism*: Dr. Gillet.

Collateral reading and reports.

[302. *History of Spanish Literature from Romanticism to the Present Day*: Dr. Gillet].

Collateral reading and reports.

Interdepartmental Courses

The following courses are given by several departments in cooperation. The object is to cut across well defined areas of knowledge and to show the relationships existing among them.

[102. *Aspects of Eighteenth Century Life and Thought*: Dr. Manning, Dr. Northrop, Miss Stapleton].201. *The Theory and Practice of Democracy*: Dr. Wells, Miss Stapleton,¹ Dr. Stearns,² Dr. Hubbard.

The fundamental concepts of democracy and their expression in governmental institutions; their relationship to contemporary political problems.

¹ On leave of absence for the first semester.

² On leave of absence.

203. *The Development of Scientific Thought*: Dr. Wyckoff, Dr. Oppenheimer.

The study of the development of scientific ideas and techniques in chronological sequence, and their origins, interrelationships, and impact on other intellectual activities of various periods. Open to students who have had one year of laboratory science in college. (This course is also listed as Biology 307 and as Geology 306.)

FELLOWSHIPS AND SCHOLARSHIPS

Bryn Mawr College offers in the Graduate School travelling, resident, and teaching fellowships, resident and non-resident scholarships, and a research assistantship.

APPLICATION

Applications for resident fellowships and scholarships should be made to the Dean of the Graduate School and must be filed not later than March first preceding the academic year for which they are desired. Blanks are forwarded to all applicants by the Dean. Awards are announced each year on April first. Original papers and photographs, sent by applicants in support of their applications, can be returned only if postage is enclosed for that purpose, or specific instructions are given for return by express. Testimonials and letters from professors and instructors are filed for reference.

DUTIES OF RESIDENT FELLOWS AND SCHOLARS

Resident fellows and scholars are expected to live in the graduate hall, to attend official functions of the College, and to assist in the conduct of examinations. Holders of fellowships are expected to give about an hour and a half a week to special work assigned by their departments, and are not permitted to teach or to undertake any other duties in addition to their college work. Holders of scholarships may, with the approval of the Dean of the Graduate School, make their own arrangements to do a limited amount of paid work. Resident fellows and scholars must pay the usual fees and charges (see pages 19-21).

TRAVELLING FELLOWSHIPS

The Bryn Mawr European Fellowship, value \$500, founded in 1889, is awarded annually to a member of the graduating class, to be applied toward the expenses of one year's study at some foreign university. For the present, it may be held in an American university. The holder of this fellowship receives in addition an Elizabeth S. Shippen Scholarship, value \$200.

The Mary Elizabeth Garrett European Fellowship, value \$1000, founded by Miss Garrett of Baltimore, is awarded annually for excellence in scholarship to a graduate student at Bryn Mawr College who is a candidate for the degree of Doctor of Philosophy at Bryn Mawr College. It is to be applied to the expenses of one year's study or research abroad, or, in special cases, in the United States.

The Fanny Bullock Workman Fellowship for a year of study or research abroad was established in 1927 by bequest of Fanny Bullock Workman and by gift of her husband, Dr. W. Hunter Workman. It is awarded to 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.

The Anna Ottendorfer Memorial Research Fellowship, value \$1000, in German and Teutonic Philology, founded in 1907 by Mrs. Anna Woerishoffer of New York City in memory of her mother, is to be applied to the expenses of study and residence for one year at some German university. It is awarded annually to a candidate who has completed at least one year of graduate study at Bryn Mawr College, on the basis of evidence regarding her ability to conduct independent investigations in the fields of Teutonic Philology or German. The choice of a university is determined by the holder's preference subject to the approval of the Faculty.

The Ella Riegel Scholarship in Classical Archæology was founded in 1937 by bequest of Ella Riegel. It is awarded on the recommendation of the Department of Classical Archæology and only to advanced students in this subject. It is given for study abroad but may, at the discretion of the department, be used at Bryn Mawr College.

RESIDENT FELLOWSHIPS

Twenty *Resident Fellowships*, value \$1000 each, are offered annually in 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 Social Economy (two Carola Woerishoffer Memorial Fellowships). They are open for competition to American and Canadian students who are graduates of any college of good standing, and have completed at least one full year of graduate work after obtaining their first degree or have obtained the Master's degree.

Fellows who continue their studies at the College after the expiration of their fellowships may, by a vote of the Directors, receive the rank of Fellows by Courtesy.

The Helen Schaeffer Huff Memorial Research Fellowship. This fellowship is awarded for a year of research work in Physics or Chemistry at Bryn Mawr College. Candidates must be women who have demonstrated their ability for research. If other qualifications are equal among a number of candidates, preference will be given to a woman whose field of research overlaps the fields of Chemistry and Physics. This fellowship is normally awarded to a post-doctoral candidate to enable her to continue her research program. In such cases the stipend will be \$1600. In exceptional cases, candidates engaged in important research who have not completed the work for the doctorate will be considered. For such

students the stipend will be smaller, the amount to be determined on the basis of the candidate's qualifications.

The Helen Schaeffer Huff Memorial Research Fellow has no duties except those connected with her own research, but she may arrange with the department in which she is working to do a small amount of teaching if she so desires. The holder of this fellowship may, if she wishes, live in Radnor Hall, the graduate residence hall of Bryn Mawr College.

SCHOLARSHIPS FOR FOREIGN WOMEN

By special action of the Directors, five resident scholarships of \$900 each are offered in 1947-48 to qualified foreign students.

Teaching Fellowships, four in number, have been established, with the cooperation of the Institute of International Education, for countries whose languages form part of the Bryn Mawr curriculum. Under this arrangement, Bryn Mawr College gives board, lodging, and tuition to the fellows and asks them to devote four hours a week to supervised teaching or other assistance in the department and to have dinner five nights a week in one of the language houses.

The French Teaching Fellowship has been named by the Board of Directors of Bryn Mawr College in memory of Marcelle Pardé who was a member of the French Department of Bryn Mawr College between 1919 and 1929, and at the time of her death in the German prison camp at Ravensbrück was the Directrice de la Lycée de Jeunes Filles at Dijon.

RESIDENT GRADUATE SCHOLARSHIPS

Twenty-two *Resident Graduate Scholarships*, value \$500 each, are offered annually in open competition to students who are graduates of colleges of good standing.

In rare cases applicants for these scholarships may, on the basis of financial need, be given a supplementary grant not to exceed \$200. Applicants for such grants must fill out a special form giving a report on their financial status. Application should be made by March first.

FELLOWSHIPS AND SCHOLARSHIPS UNDER THE PLAN FOR COORDINATION IN THE TEACHING OF THE SCIENCES

Three Scholarships of the value of \$700 each are offered to qualified students who have had undergraduate training in two or more of the natural sciences and who wish to continue study in fields such as Biochemistry, Biophysics, Crystallography, Geochemistry, Geophysics or Psychophysics.

Three Fellowships of the value of \$1100 each are offered to candidates in the same fields who, in addition to undergraduate training, have had at least a year of graduate work in science.

(These Scholars and Fellows will pay the regular tuition fee of \$300 a year and laboratory fees up to \$25 a semester. For residence in the graduate hall an additional \$600 will be charged for board, room rent and infirmary fee.)

NON-RESIDENT GRADUATE SCHOLARSHIPS

Six *Non-Resident Tuition Scholarships*, value \$300 each, are offered annually to graduate students whose homes are in the vicinity of the College.

Social Agency Scholarships in Social Economy, value ranging from \$500 to \$1000 for first-year and second-year students, are given by various social agencies and social service departments of hospitals in Philadelphia and the vicinity. Holders will be placed for supervised field work with the agencies giving the scholarships. They may live in the graduate hall.

The Susan M. Kingsbury Research Grant in Social Economy and Social Research, value \$300, is awarded in alternate years on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research to advanced students, preferably candidates for the degree of Doctor of Philosophy. Holders of this grant may live in the graduate hall.

RESEARCH ASSISTANTSHIP

The Susan M. Kingsbury Research Assistantship in Social Economy and Social Research, value \$800 and a remission of tuition, is awarded annually on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research. It is open to graduates of any college of good standing, preferably to advanced students and candidates for the degree of Doctor of Philosophy, who, from either training or experience, have knowledge of methods and techniques in social investigation.

GRADUATE PRIZE

The Susan B. Anthony Memorial Prize, value \$500, commemorating the great work of Susan B. Anthony for women, was founded by her friend, Anna Howard Shaw, and her niece, Lucy E. Anthony. It is offered every two years to a graduate student at Bryn Mawr College who has published or submitted in final form for publication the best study dealing with the industrial, social, economic, or political position of women in the past, present, or future. The award is made by a committee of which the President of the College is chairman.

EMMY NOETHER FELLOWSHIP

The Emmy Noether Fellowship in Mathematics was founded by gifts from many donors in memory of Emmy Noether who came to Bryn Mawr College from Germany in 1933 and who died April 14, 1935. It is open to women in the United States and in foreign countries who are advanced graduate students of Mathematics. It is awarded by the Department of Mathematics in Bryn Mawr College, and may be used, subject to the approval of the Department, at any institution in the United States or in a foreign country.

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 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, 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 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. While the student is in College interest is charged at the rate of one per cent; after the student leaves College the interest rate is two per cent. The entire principal must be repaid within five years from the time the student leaves College at the rate of twenty per cent each year.

Contributions to the Loan Fund may be sent to the Chairman of the Scholarships and Loan Fund Committee, Alumnae Office, The Deanery, Bryn Mawr, Pennsylvania. Students who wish to borrow from the Loan Fund may obtain application blanks for this purpose from the Alumnae Office.

Bertha Goldstein Memorial Loan Fund

The Bertha Goldstein Memorial Loan Fund, established in honor of Bertha Goldstein, A.B. 1938 and M.A. 1939, is a revolving fund from which, upon recommendation of the Department of Social Economy, a limited number of loans may be made to graduate students of Social Economy. Loans are made without interest and must be repaid within five years.

MARY HILL SWOPE LOAN FUND

This was established June 1, 1945 by a gift of Mrs. Gerard Swope (Mary Hill, A.B. 1896) under the following conditions:

To assist in the education of young women irrespective of color or creed attending Bryn Mawr College, the income of the fund to be loaned to students in the following manner:

1. The following order of preference shall be followed in awarding such loans to students who have had not less than one year of residence at the College:
 - A. To students coming from New Jersey.
 - B. To students coming from Missouri.
 - C. To students coming from any other location.
2. The loans in the above order of preference, and in the following manner, shall be awarded by the President of Bryn Mawr College, or by a Committee appointed by her from time to time.
3. Applicants for loans shall be considered not only from the standpoint of academic attainment and financial need, but also from the standpoint of character and personal qualifications for deriving the greatest good from a continuation of their studies.
4. These loans shall be used primarily to enable the exceptional student to continue her studies which otherwise would be prevented through lack of means.
5. In the awarding of the loans, the recipient should understand that if in after years she is in a position to do so, she is to repay to the income account of the Loan Fund the amount so loaned to her, with or without interest. It is to be understood that this is entirely a moral obligation upon the recipient.

THE BUREAU OF RECOMMENDATIONS

The College conducts a Bureau of Recommendations for alumnae, students, and former students of the College. This bureau offers an employment service for permanent, temporary, and part-time positions; and a vocational service for the student body, which includes vocational tests, assistance in choosing a vocation, and the presentation of a series of conferences and lectures. It also acts as a clearing house for letters of recommendation for those who have registered with the bureau. These letters will be sent, upon request, to prospective employers and other agencies.

FELLOWS, SCHOLARS AND GRADUATE STUDENTS

1946-47

Travelling Fellow and Scholar

HOISINGTON, MARGARET ELAINE,

Bryn Mawr European Fellow, Shippen Foreign Scholar
Princeton, N. J. A.B. Bryn Mawr College 1946.

JENKINS, ESTHER MARION,

Ella Riegel Travelling Scholar in Classical Archæology
Toronto, Ont., Canada. B.A. University of Toronto 1943; M.A. Radcliffe College 1944.

Resident Fellows

WEISS, JUDITH VERA *Fellow in Geology*
Philadelphia, Pa. A.B. Temple University 1934; M.A. Bryn Mawr College 1945.

LYDING, ELIZABETH *Fellow in Greek*
Lynchburg, Va. A.B. Miami University 1944; M.A. Bryn Mawr College 1945.

TAYLOR, DORIS MAE *Fellow in Latin*
Noblesville, Ind. A.B. Indiana University 1939 and M.A. 1945.

CROOK, FRANCES ELIZABETH *Fellow in Mathematics*
Ayer's Cliff, P. Q., Canada. B.A. Bishop's University 1939 and M.A. 1940;
M.A. Bryn Mawr College 1947.

FINORSKY, DIANA *Carola Woerishoffer Fellow*
in Social Economy and Social Research
Jamaica, L. I., N. Y. A.B. Hunter College 1945; M.A. Bryn Mawr College 1947.

ZIMMERMAN, JUNE FERN *Fellow under the Plan for Coordination*
in the Teaching of the Sciences
Frederick, Md. B.S. Illinois Institute of Technology 1943 and M.S. 1945.

Teaching Fellows and Foreign Scholars

BAUDRY, GERMAINE JEANNE JACQUELINE . . . *Foreign Tuition Scholar*
Paris, France. *Licence ès lettres*, University of Paris, 1943.

CAZAMIAN, JEANNE ELISABETH *Foreign Tuition Scholar*
Tours, France. *Agrégation des sciences physiques*, University of Bordeaux, 1941.

CHAVY, DANIELLE FRANCINE *Teaching Fellow in French*
Paris, France. *Licence ès lettres*, Sorbonne, 1941.

ESTEVEZ, MARGARITA *Teaching Fellow in Spanish*
Santurce, Puerto Rico. A.B. Sacred Heart College 1945; M.A. Bryn Mawr College 1946.

GARD, JACQUELINE ELIANE *Marcelle Pardé Teaching Fellow*
in French
Paris, France. *Licence ès lettres*, Faculté des Lettres d'Alger, 1942.

HARJU, EILA ANNIKKI *Foreign Graduate Scholar*
Helsinki, Finland. University of Helsinki 1939-46.

RAUTIO, ARMI MARJATTA *Foreign Graduate Scholar*
Helsinki, Finland. University of Helsinki 1938-46.

- STAVRAKI, CALLIOPI G. *Foreign Graduate Scholar*
Athens, Greece. Literature Diploma, University of Athens, 1937.
- WOLFF, RENATE CHRISTINE. *Teaching Fellow in German*
Washington, D. C. A.B. Goucher College 1941; M.Ed. Smith College 1942;
M.A. Bryn Mawr College 1947.

Graduate Scholars

- SAX, MARY FLORENCE. *Non-Resident Scholar in Biology*
Philadelphia, Pa. A.B. Bryn Mawr College 1945 and M.A. 1947.
- CARMICHAEL, ELIZABETH RANDOLPH. . *Graduate Scholar in Chemistry*
Fredericksburg, Va. A.B. Bryn Mawr College 1946 and M.A. 1947.
- JACKSON, LILLIAN STOHLMANN¹. *Resident Scholar*
in Chemistry (Semester I)
Non-Resident Scholar in Chemistry (Semester II)
Bryn Mawr, Pa. A.B. Wheaton College 1946; M.A. Bryn Mawr College 1947.
- ROSENSTEIN, GERDA. *Graduate Scholar in Chemistry (Semester I)*
Dallas, Tex. A.B. Rice Institute 1943.
- EDGERTON, PATRICIA JONES². *Non-Resident Scholar*
in Chemistry (Semester I)
Atlanta, Ga. A.B. Bryn Mawr College 1943 and M.A. 1946.
- KOHLER, ELLEN LUCILE. . *Graduate Scholar in Classical Archæology*
Seattle, Wash. A.B. University of Washington 1938 and M.A. 1942.
- MELLINK, MACHTELD JOHANNA. *Graduate Scholar*
in Classical Archæology
Amsterdam, Holland. B.A. Amsterdam University 1938 and M.A. 1941; Ph.D.
Utrecht University 1943.
- BOYD, BEVERLY MARY. *Graduate Scholar in English*
Staten Island, N. Y. A.B. Brooklyn College 1946.
- OBAYASHI, CHERRY CHIEKO. *Graduate Scholar in English*
Flushing, L. I., N. Y. A.B. Wells College 1946; M.A. Bryn Mawr College 1947.
- WOLF, RUTH BEVERLY. *Graduate Scholar in English*
Worthington, Minn. A.B. H. Sophie Newcomb College 1945.
- CH'IH CHI SHANG. *Graduate Scholar in Geology*
Peiping, China. B.A. National Tsing Hua University 1941; M.A. Bryn Mawr
College 1947.
- REESOR, MARGARET ELAINE. *Graduate Scholar in Greek*
Toronto, Ont., Canada. B.A. University of Toronto 1945 and M.A. 1946.
- MITCHELL, PATRICIA ANN MARGARET. . *Graduate Scholar in History*
Victoria, B. C., Canada. B.A. University of British Columbia 1946; M.A. Bryn
Mawr College 1947.
- STREET, KATHRYN ROBERTA. *Graduate Scholar in History*
New Castle, Pa. A.B. Oberlin College 1946; M.A. Bryn Mawr College 1947.
- WERRING, GRACE. *Graduate Scholar in History*
Oslo, Norway. *Stud. Phil.* University of Oslo; M.A. Bryn Mawr College 1947.
- SUTHERLAND, PRISCILLA WARREN. *Graduate Scholar in Latin*
Milwaukee, Wis. A.B. Mount Holyoke College 1946; M.A. Bryn Mawr College
1947.
- LEACH, LOIS CORINNE. *Graduate Scholar in Physics*
New Castle, Pa. A.B. Hiram College 1946.
- STEIN, RUTH NAOMI. *Carola Woerishoffer Scholar*
in Social Economy and Social Research
Brooklyn, N. Y. A.B. Hunter College 1945; M.A. Bryn Mawr College 1947.

¹ Mrs. Ralph B. Jackson.

² Mrs. Milton Edgerton.

- PLOTKIN, SHIRLEY LEVY¹.....*Non-Resident Scholar in Social Economy and Social Research*
Philadelphia, Pa. A.B. University of Pennsylvania 1946.
- FRENK, MARGIT ANNEMARIE.....*Graduate Scholar in Spanish*
Mexico D. F., Mexico. *Maestra en Letras*, Mexico City University, 1945.
- GREENWALD, SELMA WEIL.....*Graduate Scholar under the Plan for Coordination in the Teaching of the Sciences*
New York, N. Y. A.B. Hunter College 1941.
- ROSENZWEIG, ABRAHAM.....*Non-Resident Scholar under the Plan for Coordination in the Teaching of the Sciences*
Philadelphia, Pa. B.S. University of Pennsylvania 1946.

Graduate Students

- ADAMS, ELEANOR.....*Graduate Student in German*
Georgetown, Mass. B.S. Simmons College 1946.
- ALDEN, LOUISE HORWOOD².....*Graduate Student in Social Economy and Social Research (Semester II)*
Cambridge, Mass. A.B. Bryn Mawr College 1944.
- ALEXANDER, ELIZABETH HOFFMAN³.....*Graduate Student in History*
Villa Nova, Pa. A.B. Bryn Mawr College 1941.
- ANDERSON, DOROTHY L. VAN TASSEL⁴.....*Graduate Student in Social Economy and Social Research*
Downingtown, Pa. A.B. Elmira College 1932; M.S.S. Bryn Mawr College 1947.
- BARRATT, EMILY CLOSE⁵.....*Graduate Student in Education*
Broomall, Pa. A.B. University of Pennsylvania 1942.
- BARRY, RUTH ELIZABETH.....*Graduate Student in Mathematics*
Rochester, N. Y. A.B. Vassar College 1941; M.A. Columbia University 1946.
- BAZETT, HAZEL.....*Graduate Student in Social Economy and Social Research (Semester I)*
Haverford, Pa. A.B. Swarthmore College 1941; M.A. Bryn Mawr College 1947.
- BEIDLER, MARY LOU HACKETHAL⁶.....*Graduate Student in Physics*
Philadelphia, Pa. A.B. Goucher College 1944.
- BENDA, INGE BERTHA.....*Graduate Student in Social Economy and Social Research*
New York, N. Y. A.B. Ursinus College 1944; M.A. Bryn Mawr College 1947.
- BISHOP, JOHN DAVID.....*Graduate Student in Latin*
Bethlehem, Pa. A.B. Moravian College 1940; M.A. University of Pennsylvania 1942.
- BOGERT, BERNARD O.....*Graduate Student in Geology (Semester I)*
Easton, Pa. B.S. Lafayette College 1931; M.A. Columbia University 1935.
- BOUDREAU, CYNTHIA ELIZABETH.....*Graduate Student in Geology*
Woodstock, N. Y. A.B. Bryn Mawr College 1945.
- BROOKS JANE STEVENS⁷.....*Graduate Student in English*
Plymouth Meeting, Pa. A.B. Rosemont College 1937.
- BURNHAM, ROSEMARY M.⁸.....*Graduate Student in Social Economy and Social Research*
Philadelphia, Pa. A.B. Earlham College 1943; M.S.S. Bryn Mawr College 1947.

¹ Mrs. Robert Plotkin.

² Mrs. Charles S. Alden.

³ Mrs. Julian Alexander, Jr.

⁴ Mrs. Dorothy L. Van Tassel Anderson

⁵ Mrs. William C. Barratt, Jr.

⁶ Mrs. Lloyd M. Beidler.

⁷ Mrs. Stanley A. Brooks.

⁸ Mrs. Kenneth E. Burnham.

- CALVERT, JULIE NEIL *Graduate Student in Biology*
Plainfield, N. J. A.B. Wilson College 1946.
- CARR, JOSEPHINE JEANNETTE *Graduate Student in Mathematics*
Arlington, Mass. A.B. Wheaton College 1946.
- CLARK, IDA LEE¹ *Graduate Student in Social Economy
and Social Research (Semester II)*
Philadelphia, Pa. A.B. Fisk University 1933; M.S.W. Atlanta University 1937.
- CLAVAN, WALTER STANLEY *Graduate Student in Geology*
Philadelphia, Pa. B.S. University of Pennsylvania 1942.
- CLIFFORD, ESTHER ROWLAND² *Graduate Student in History*
Radnor, Pa. A.B. Vassar College 1928.
- COATES, JOANNE LOEWE³ *Graduate Student in History*
Merion, Pa. A.B. Bryn Mawr College 1942 and M.A. 1947.
- CRAIG, BARBARA MARY ST. GEORGE *Graduate Student in French*
Toronto, Ont., Canada. B.A. Queen's University 1937 and M.A. 1939.
- CRAWFORD, BARBARA ADAMS *Graduate Student in History of Art*
Lake City, Minn. A.B. Carleton College 1944.
- CROFTS, FRANCES LORETTA *Graduate Student
in Psychology (Semester II)*
Cleveland Heights, O. A.B. Radcliffe College 1947.
- CURRAN, CARO SHUGG⁴ *Graduate Student
in German and History of Art*
Short Hills, N. J. A.B. Bryn Mawr College 1944.
- DANIELS, HELEN BARBARA *Graduate Student
in Social Economy and Social Research*
Minneapolis, Minn. A.B. Carleton College 1945; M.A. Bryn Mawr College 1947.
- DELAPLAINE, ESTHER RIDPATH⁵ *Graduate Student
in Social Economy and Social Research*
Swarthmore, Pa. A.B. Swarthmore College 1944; M.S.S. Bryn Mawr College 1947.
- EMERSON, FRANCES ELEANOR *Graduate Student in Psychology*
Scotia, N. Y. A.B. Oberlin College 1946.
- ENDIS, SYLVIA *Graduate Student in Social Economy
and Social Research*
Philadelphia, Pa. B.S. Temple University 1934.
- FITZGIBBONS, ANN MARY *Graduate Student in Chemistry*
Whitman, Mass. A.B. Bryn Mawr College 1945 and M.A. 1947.
- FUCHS, PATRICIA DELANEY⁶ *Graduate Student in French*
Wynnewood, Pa. A.B. Bryn Mawr College 1942 and M.A. 1947.
- GAUS, LOUISE *Graduate Student in Physics*
Albany, N. Y. A.B. Vassar College 1944.
- GELLENS, HERMINE MARILYN *Graduate Student
in Social Economy and Social Research*
Camden, N. J. B.S. Temple University 1946.
- GINDY, AIDA *Graduate Student
in Social Economy and Social Research*
Cairo, Egypt. B.A. American University of Cairo 1943; M.A. Bryn Mawr College 1947.

¹ Mrs. Louis Clark.² Mrs. Henry Clifford.³ Mrs. Joanne Loewe Coates.⁴ Mrs. George L. Curran.⁵ Mrs. John W. Delaplaine.⁶ Mrs. William J. Fuchs.

- GITTELSON, MILDRED GREENBERGER¹.....*Graduate Student in Social Economy and Social Research (Semester II)*
Philadelphia, Pa. A.B. Pennsylvania State College 1942; M.S.S. Bryn Mawr College 1947.
- GOEPP, ALICE PATRICIA.....*Graduate Student in Social Economy and Social Research*
Philadelphia, Pa. A.B. University of Pennsylvania 1942.
- GORDIN, BURTON I.....*Graduate Student in Social Economy and Social Research (Semester II)*
Philadelphia, Pa. A.B. Temple University 1941.
- HALLER, EVELYN CORNELIA.....*Graduate Student in Biology*
Yalesville, Conn. A.B. Middlebury College 1944; M.A. Bryn Mawr College 1947.
- HAMILTON, ELIZABETH P.².....*Graduate Student in History of Art*
Villa Nova, Pa. A.B. Wellesley College 1932.
- HARNISH, JEAN.....*Graduate Student in Social Economy and Social Research*
Philadelphia, Pa. A.B. Lebanon Valley College 1937.
- HAYNE, IRENE M.....*Graduate Student in Social Economy and Social Research*
Drexel Hill, Pa. A.B. Pennsylvania State College 1929; M.A. Columbia University 1930; M.S.S. Bryn Mawr College 1947.
- HERZFELD, ANNEMARIE S.....*Graduate Student in Philosophy (Semester I)*
Wellesley, Mass. A.B. Wellesley College 1943.
- HEWITT, CAROL BLANCHARD³.....*Graduate Student in Comparative Philology, Russian and German*
Bryn Mawr, Pa. B.S. Simmons College 1944.
- HOLLJES, LUCILLE JEANETTE.....*Graduate Student in Chemistry*
Ventnor, N. J. A.B. Bryn Mawr College 1946 and M.A. 1947.
- HOWSON, MARGARET.....*Graduate Student in German*
Wayne, Pa. A.B. Bryn Mawr College 1938.
- JENKINS, LUCILLE R.⁴.....*Graduate Student in Social Economy and Social Research*
Chester, Pa. A.B. Ohio State University 1924.
- JOHNSON, AUDREY HOPE.....*Graduate Student in Sociology*
Arlington Heights, Mass. A.B. University of Michigan 1943.
- JOHNSON, FRANCES ELIZABETH.....*Graduate Student in Economics (Semester II)*
Glen Ridge, N. J. A.B. Bryn Mawr College 1944.
- JOHNSON, KATHARINE ELIZABETH.....*Graduate Student in German (Semester I)*
Elizabeth, N. J. A.B. Connecticut College 1943.
- JULIAN, FRANCES BLOCH⁵.....*Graduate Student in Social Economy and Social Research*
Trenton, N. J. A.B. Sarah Lawrence College 1945.
- LADD, MARGARET RHOADS....*Graduate Student in Social Economy and Social Research*
Bryn Mawr, Pa. A.B. Bryn Mawr College 1921; M.A. University of Pennsylvania 1925; Ph.D. Columbia University 1933.

¹ Mrs. George Gittelton.

⁴ Mrs. Nelson M. Jenkins.

² Mrs. Charles M. Hamilton.

⁵ Mrs. J. William Julian.

³ Mrs. Edwin Hewitt.

- LATIMER, MARGARET HARRIS . . . *Graduate Student in Social Economy and Social Research (Semester I)*
Swarthmore, Pa. A.B. Wells College 1933; M.S.S. Bryn Mawr College 1947.
- LATTIMORE, ALICE BOCKSTAHLER¹ *Graduate Student in Music*
Bryn Mawr, Pa. A.B. Wellesley College 1931.
- LOUDEN, BARBARA BAKER² *Graduate Student in Social Economy and Social Research*
Centre Square, Pa. A.B. Earlham College 1935.
- LUKENS, FRANCES DAY³ *Graduate Student in History of Art*
Philadelphia, Pa. A.B. Bryn Mawr College 1919.
- LUTZ, KATHARINE *Graduate Student in Geology*
Lansdowne, Pa. A.B. Bryn Mawr College 1945.
- LYTLE, MARY JANE *Graduate Student in Latin (Semester I)*
Philadelphia, Pa. A.B. Ursinus College 1944; M.A. Bryn Mawr College 1946.
- MAGDOFF, BEATRICE SCHWARTZ⁴ *Graduate Student in Physics*
Bryn Mawr, Pa. A.B. Hunter College 1942; M.A. Bryn Mawr College 1943.
- MCLAUGHLIN, JOYCE R.⁵ *Graduate Student in Social Economy and Social Research*
Philadelphia, Pa. A.B. University of Illinois 1944; M.S.S. Bryn Mawr College 1947.
- MEALS, KATHLEEN DAVIS BRINER⁶ *Graduate Student in English*
Carlisle, Pa. A.B. Dickinson College 1944; M.A. Bryn Mawr College 1947.
- MEIER, ADOLPH ERNEST⁷ *Graduate Student in Geology*
Arlington, N. J. A.B. University of Pennsylvania 1937; M.A. Bryn Mawr College 1939.
- MILLER, ALVA LOUISE *Graduate Student in Social Economy and Social Research (Semester II)*
Collingswood, N. J. B.S. University of Pennsylvania 1946.
- MUENZ, MANJA *Graduate Student in Social Economy and Social Research (Semester II)*
New York, N. Y. A.B. Hunter College 1946.
- MURDOCH, AMELIA CLARA *Graduate Student in French*
Philadelphia, Pa. A.B. University of Pennsylvania 1945.
- MYERS, FAITH *Graduate Student in Social Economy and Social Research*
Lemoyne, Pa. A.B. Wilson College 1944.
- NAPIER, JEAN PARRY *Graduate Student in Social Economy and Social Research*
Decatur, Ga. B.S. University of Pennsylvania 1946.
- NASH, MYRTLE CORLISS⁸ *Graduate Student in Social Economy and Social Research*
Springfield Gardens, L. I., N. Y. A.B. Swarthmore College 1937; M.A. Bryn Mawr College 1938.
- NEUHARDT, CATHERINE ELIZABETH *Graduate Student in Social Economy and Social Research (Semester II)*
Philadelphia, Pa. B.S. Temple University 1946.
- NEWHALL, WILLIAM FREEMAN *Graduate Student in Chemistry (Semester II)*
Haverford, Pa. A.B. Haverford College 1941 and M.S. 1942.

¹ Mrs. Richmond Lattimore.² Mrs. G. W. Loudon.³ Mrs. Edward C. Lukens.⁴ Mrs. Samuel I. Magdoff.⁵ Mrs. R. W. McLaughlin.⁶ Mrs. Donald W. Meals.⁷ Deceased January, 1947.⁸ Mrs. Myrtle Corliss Nash.

- O'CONNOR, CAROL MARY.....*Graduate Student
in Sociology and Psychology*
Edgewood, R. I. A.B. Smith College 1945.
- PAGE, EVELYN.....*Graduate Student in English*
Abington, Conn. A.B. Bryn Mawr College 1923 and M.A. 1926.
- PARRISH, FRANCES ANN.....*Graduate Student in History*
Vandalia, Mo. A.B. Bryn Mawr College 1944.
- PERRY, CHARLES.....*Graduate Student
in Social Economy and Social Research*
Haverford, Pa. A.B. Haverford College 1936.
- PHILLIPS, MARY BIRD¹.....*Graduate Student
in Social Economy and Social Research*
Philadelphia, Pa. A.B. Radcliffe College 1937.
- POLLAK, GERTRUDE KARY².....*Graduate Student
in Social Economy and Social Research*
Bryn Mawr, Pa. Ph.D. University of Vienna 1929 and Doctor of Law 1932.
- PRICE, EVA LOUISE.....*Graduate Student in Greek*
Ashland, Ky. A.B. Duke University 1943; M.A. Bryn Mawr College 1945.
- RAMOS, JACK MAXWELL.....*Graduate Student
in History of Art (Semester II)*
Harrisburg, Pa. A.B. University of Kentucky 1941.
- REDDING, ESTHER DUKE³.....*Graduate Student
in Physics and Mathematics*
Swarthmore, Pa. A.B. Wellesley College 1942.
- REES, ELISABETH DEWAN.....*Graduate Student
in Social Economy and Social Research*
Lansdale, Pa. A.B. Hood College 1933; M.A. University of Pennsylvania 1934;
M.S.S. Bryn Mawr College 1947.
- SCATTERGOOD, DOROTHY DEANE⁴.....*Graduate Student
in French and Geology*
Villa Nova, Pa. A.B. University of North Dakota 1923.
- SCHWE, ELENORE.....*Graduate Student
in Physics, Mathematics and Biology*
Vandalia, Mo. B.Arch. Washington University 1941.
- SCHORR, ALVIN L.*Graduate Student in Social Economy
and Social Research (Semester II)*
Philadelphia, Pa. B.S.S. College of the City of New York 1941; M.S.W.
Washington University 1943.
- SELDENRIGHT, RUTH A.⁵.....*Graduate Student
in Social Economy and Social Research*
Philadelphia, Pa. A.B. University of Michigan 1941; M.S.S. Bryn Mawr Col-
lege 1947.
- SHANNON, MARY FRANCES.....*Graduate Student in English*
Penn Valley, Pa. A.B. Colby College 1944; M.A. Bryn Mawr College 1947.
- SHIRTZ, VIRGINIA M.*Graduate Student
in Social Economy and Social Research*
Drexel Hill, Pa. A.B. Ursinus College 1941.

¹ Mrs. Walter M. Phillips.

⁴ Mrs. J. Henry Scattergood.

² Mrs. Otto Pollak.

⁵ Mrs. D. W. Seldenright.

³ Mrs. Esther Duke Redding.

- SHRIDEVI, SRIPATI. . . . *Graduate Student in Psychology (Semester I)*
Nagpur, India. A.B. Madras University 1932 and M.A. 1934.
- SICA, MARY ELIZABETH. . . . *Graduate Student in History of Religion,
Greek and History of Art (Semester II)*
Trenton, N. J. A.B. Bryn Mawr College 1943.
- SISKIND, JEROME GERALD. *Graduate Student
in Social Economy and Social Research*
Philadelphia, Pa. A.B. Brooklyn College 1942.
- SLOANE, HELEN BARBARA. *Graduate Student
in Social Economy and Social Research*
Harrisburg, Pa. A.B. Lebanon Valley College 1938.
- SPRAGUE, ROSAMOND KENT¹. *Graduate Student in Philosophy*
Bryn Mawr, Pa. A.B. Bryn Mawr College 1945.
- STANLEY, ALICE DAVIES². *Graduate Student in Latin*
Glenside, Pa. A.B. Vassar College 1940; M.A. Bryn Mawr College 1947.
- STARR, ROBERT WALTER, III. *Graduate Student in Biology*
Bryn Mawr, Pa. B.S. Haverford College 1942.
- STONE, FRANCES TOWNSEND. *Graduate Student
in Social Economy and Social Research*
Narberth, Pa. B.S. University of Pennsylvania 1944; M.S.S. Bryn Mawr
College 1947.
- STRAUS, DORIS MARIANNE. . *Graduate Student in French (Semester I)*
Toronto, Ont., Canada. B.A. University of Toronto 1943; M.A. Yale Univer-
sity 1944.
- TAKISHITA, MARJORIE HISAKO. *Graduate Student in Social Economy
and Social Research (Semester II)*
Paia, Maui, Hawaii. A.B. University of Hawaii 1943.
- THOMAS, CATHERINE ANNE. *Graduate Student
in Social Economy and Social Research*
Ukiah, Cal. A.B. Stanford University 1945.
- VIPOND, MARY PHYLLIS. *Graduate Student in Chemistry*
New York, N. Y. A.B. Barnard College 1946.
- WATSON, MARY MEREDITH ASHLEY³. *Graduate Student
in Greek (Semester I)*
Pottstown, Pa. A.B. Radcliffe College 1941.
- WHITE, ELIZABETH LLOYD. *Graduate Student in Biology*
Baltimore, Md. A.B. Goucher College 1937; M.A. Bryn Mawr College 1938 and
Ph.D. 1947.
- WILLIAMS, ELIZABETH BARBARA. *Graduate Student in Chemistry*
Lansdowne, Pa. A.B. Bryn Mawr College 1946; M.A. Bryn Mawr College 1947.

Summary of Graduate Students

Resident Fellows	6
Foreign Fellows and Scholars.	9
Graduate Scholars	22
Graduate Students	99
Total	136

¹Mrs. Arthur Colby Sprague.

³Mrs. R. E. Watson.

²Mrs. Edward L. Stanley.

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Bryn Mawr College

CALENDAR

UNDERGRADUATE COURSES

ISSUE FOR THE SESSION OF

1948-1949

APRIL 1948

FOREWORD

Bryn Mawr College was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his lifetime the site of the College at Bryn Mawr, Pennsylvania, eleven 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 maintenance of this institution of higher education for women. In 1880 the College was incorporated under the laws of the Commonwealth of Pennsylvania and was invested with the power to confer degrees. In 1884 Dr. James E. Rhoads was elected President of the College and Dr. M. Carey Thomas was elected Dean of the Faculty. Plans were then matured and academic appointments were made. In the autumn of 1885 the College began its first academic year. On the resignation of President Rhoads in 1893 Dean Thomas was elected to the presidency, an office she held till her retirement in 1922. President Marion Edwards Park succeeded President Thomas in 1922 and retired in 1942. President Katharine Elizabeth McBride took office on July 1, 1942.

The College believes in the value of small classes and limits the enrollment of undergraduate students to about five hundred and fifty and graduate students to about one hundred and fifty.

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

Graduate studies are pursued in all fully organized departments of the College. For information consult the Calendar of Graduate Courses.

CALENDAR

1948-49

S	M	T	W	T	F	S	S	M	T	W	T	F	S	
SEPTEMBER							FEBRUARY							
			1	2	3	4			1	2	3	4	5	
5	6	7	8	9	10	11	6	7	8	9	10	11	12	
12	13	14	15	16	17	18	13	14	15	16	17	18	19	
19	20	21	22	23	24	25	20	21	22	23	24	25	26	
26	27	28	29	30			27	28						
OCTOBER							MARCH							
					1	2			1	2	3	4	5	
3	4	5	6	7	8	9	6	7	8	9	10	11	12	
10	11	12	13	14	15	16	13	14	15	16	17	18	19	
17	18	19	20	21	22	23	20	21	22	23	24	25	26	
24	25	26	27	28	29	30	27	28	29	30	31			
31														
NOVEMBER							APRIL							
		1	2	3	4	5	6					1	2	
7	8	9	10	11	12	13		3	4	5	6	7	8	9
14	15	16	17	18	19	20		10	11	12	13	14	15	16
21	22	23	24	25	26	27		17	18	19	20	21	22	23
28	29	30						24	25	26	27	28	29	30
DECEMBER							MAY							
			1	2	3	4	1	2	3	4	5	6	7	
5	6	7	8	9	10	11	8	9	10	11	12	13	14	
12	13	14	15	16	17	18	15	16	17	18	19	20	21	
19	20	21	22	23	24	25	22	23	24	25	26	27	28	
26	27	28	29	30	31		29	30	31					
1949 JANUARY							JUNE							
						1				1	2	3	4	
2	3	4	5	6	7	8	5	6	7	8	9	10	11	
9	10	11	12	13	14	15	12	13	14	15	16	17	18	
16	17	18	19	20	21	22	19	20	21	22	23	24	25	
23	24	25	26	27	28	29	26	27	28	29	30			
30	31													

COLLEGE CALENDAR

1948-49

- | | | |
|-----------|----------------|---|
| | FIRST SEMESTER | |
| 1948 | | |
| September | 23. | Halls of Residence open to the entering class at 8 A.M.
Registration of Freshmen
Advanced Standing Examinations begin
Deferred, condition and auditors' examinations begin |
| | 25. | Graduate Center open to new graduate students at 9 A.M.
Registration of new graduate students
Deferred, condition and auditors' examinations end |
| | 26. | Halls of residence open to all students at 8 P.M. |
| | 27. | Registration of students |
| | 28. | Work of the 64th academic year begins at 8.45 A.M. |
| October | 9. | German examinations for undergraduates, M.A. and Ph.D. candidates |
| | 14. | Advanced Standing examinations end |
| | *16. | French examinations for undergraduates, M.A., and Ph.D. candidates |
| | 23. | Spanish and Italian examinations for undergraduates and M.A. candidates |
| | 30. | Hygiene examination |
| November | 24. | Thanksgiving holiday begins after last class |
| | 29. | Thanksgiving holiday ends at 9 A.M. |
| December | 17. | Christmas vacation begins at 12:45 P.M. |
| 1949 | | |
| January | 3. | Christmas vacation ends at 9 A.M. |
| | 8. | German examinations for Seniors conditioned, M.A. and Ph.D. candidates |
| | 14. | Last day of lectures |
| | 15. | French examinations for Seniors conditioned, M.A. and Ph.D. candidates |
| | 17. | Collegiate examinations begin |
| | *22. | Spanish and Italian examinations for undergraduates and M.A. candidates |
| | 29. | Collegiate examinations end |
| | | SECOND SEMESTER |
| February | 1. | Work of the second semester begins at 9 A.M. |
| March | 25. | Spring vacation begins after last class |
| April | 4. | Spring vacation ends at 9 A.M.
Deferred examinations begin |
| | 9. | Deferred examinations end |
| | *23. | French examinations for undergraduates, Ph.D. candidates, and M.A. candidates for 1950 |
| | 30. | Spanish and Italian examinations for undergraduates, Ph.D. candidates, and M.A. candidates for 1950. |
| May | 7. | German examinations for undergraduates, Ph.D. candidates, and M.A. candidates for 1950 |
| | 13. | Last day of lectures |
| | 16. | Collegiate examinations begin |
| | 27. | Collegiate examinations end |
| | 29. | Baccalaureate service |
| | 31. | Conferring of degrees and close of 64th academic year |

*Additional language examinations (Russian, Greek, etc.) will be scheduled during this period in relation to other examinations of the students concerned.

CORRESPONDENCE

The Post Office address of the College is Bryn Mawr College, Bryn Mawr, Pennsylvania.

Correspondence regarding the following subjects should be addressed as follows:

General interests of the College, to the President	
Academic work of students in the College	} to the Dean
Withdrawal of students in the College	
Health program	
Admission to the Graduate School, to the Dean of the Graduate School	
Admission to the Carola Woerishoffer Department of the Graduate School, to the Director of the Carola Woerishoffer Department	
Admission to the Undergraduate School	} to the Director of Admissions
Entrance scholarships	
Requests for catalogues	
Rooms in the Halls of Residence, to the Director of Halls	
Payment of bills, to the Comptroller	
Recommendations for positions and inquiries regarding students' self-help, to the Director of the Bureau of Recommendations	
Regional scholarships and loan fund	} to the Alumnae Secretary
Alumnae activities	

Prospective students are encouraged to secure information about the College from their local College Representatives (see list on pages 20-24).

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THE TRUSTEES OF BRYN MAWR COLLEGE

CHARLES J. RHOADS
President

THOMAS RAEBURN WHITE
FREDERIC H. STRAWBRIDGE
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J. HENRY SCATTERGOOD
Treasurer

AGNES BROWN LEACH¹
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AGNES BROWN LEACH¹
MILLICENT CAREY MCINTOSH²
FRANCIS J. STOKES
J. EDGAR RHOADS
C. CANBY BALDERSTON
ELIZABETH GRAY VINING³

FREDERIC C. SHARPLESS

BOARD OF DIRECTORS

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President

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FREDERIC C. SHARPLESS
KATHARINE ELIZABETH MCBRIDE
CAROLINE McCORMICK SLADE⁴

CAROLINE MORROW CHADWICK-
COLLINS⁵
JOSEPHINE YOUNG CASE⁶
ADELAIDE W. NEALL
ELEANOR LITTLE ALDRICH⁷
OLIVIA STOKES HATCH⁸
Alumnæ Director, 1943-48
ELEANOR A. BLISS
Alumnæ Director, 1944-49
MARJORIE MARTIN TOWNSEND⁹
Alumnæ Director, 1945-50
HELEN TREDWAY GRAHAM¹⁰
Alumnæ Director, 1946-51
JEAN T. PALMER
Alumnæ Director, Dec. 1947-52

MARION EDWARDS PARK, by invitation
President Emeritus of Bryn Mawr College

MARGARET TYLER PAUL,¹¹ by invitation
President of Alumnæ Association

¹ Mrs. Henry Goddard Leach.

² Mrs. Rustin McIntosh.

³ Mrs. Morgan Vining.

⁴ Mrs. F. Louis Slade.

⁵ Mrs. James Chadwick-Collins.
(deceased May 20, 1948)

⁶ Mrs. Everett N. Case.

⁷ Mrs. Talbot Aldrich.

⁸ Mrs. John Davis Hatch, Jr.

⁹ Mrs. Harold E. Townsend.

¹⁰ Mrs. Evarts Graham.

¹¹ Mrs. Samuel H. Paul.

Standing Committees of the Board of Directors, 1948

Executive Committee

THOMAS RAEBURN WHITE
Chairman
CAROLINE McCORMICK SLADE
Vice-Chairman
CHARLES J. RHOADS
J. HENRY SCATTERGOOD
AGNES BROWN LEACH
J. EDGAR RHOADS
KATHARINE ELIZABETH McBRIDE
JOSEPHINE YOUNG CASE
ADELAIDE W. NEALL
ELEANOR A. BLISS

Finance Committee

CHARLES J. RHOADS, *Chairman*
J. HENRY SCATTERGOOD
AGNES BROWN LEACH
CAROLINE McCORMICK SLADE
ELEANOR LITTLE ALDRICH

Committee on Religious Life

KATHARINE ELIZABETH McBRIDE
Chairman
MILLICENT CAREY McINTOSH
FRANCIS J. STOKES
ADELAIDE W. NEALL
OLIVIA STOKES HATCH

Committee on Buildings and Grounds

FRANCIS J. STOKES, *Chairman*
FREDERIC H. STRAWBRIDGE
J. EDGAR RHOADS
KATHARINE ELIZABETH McBRIDE
CAROLINE MORROW CHADWICK-
COLLINS
ELEANOR A. BLISS
MARJORIE MARTIN TOWNSEND

Library Committee

KATHARINE ELIZABETH McBRIDE
Chairman
RICHARD MOTT GUMMERE
ELEANOR LITTLE ALDRICH
HELEN TREDWAY GRAHAM

Deanery Committee

CAROLINE McCORMICK SLADE, *Chairman*
ADELAIDE W. NEALL, *Vice-Chairman,*
and Chairman of The Executive Committee, Semester II
ELEANOR A. BLISS, *Secretary*
CAROLINE MORROW CHADWICK-COLLINS, *Treasurer,*
and Chairman of the Executive Committee, Semester I

KATHARINE ELIZABETH McBRIDE OLIVIA STOKES HATCH
MILLICENT CAREY McINTOSH MARJORIE MARTIN TOWNSEND
JOSEPHINE YOUNG CASE HELEN TREDWAY GRAHAM
ELEANOR LITTLE ALDRICH JEAN PALMER
ELIZABETH GRAY VINING

COLLEGE ADMINISTRATION

ACADEMIC YEAR 1947-1948

President: KATHARINE ELIZABETH McBRIDE, Ph.D., LL.D., L.H.D.
Office: Taylor Hall.

Dean of the College: DOROTHY NICOLE NEPPER, Ph.D.
Office: Taylor Hall.

Dean of the Graduate School: LILY ROSS TAYLOR, Ph.D., Litt.D.
Office: The Library.

Dean of Freshmen and Director of Admissions:
ANNIE LEIGH BROUGHTON, M.A.
Office: Taylor Hall.

Director in Residence of the Board of Directors and Editor of Publications: CAROLINE MORROW CHADWICK-COLLINS, A.B.¹
Office: Taylor Hall.

Assistant to the President: DOROTHY MACDONALD, A.B., Semester I
MARGARET TYLER PAUL, A.B., Semester II
Office: Taylor Hall.

Recorder of the College: MARIAN CARTER ANDERSON, B.S.
Office: Taylor Hall.

Director of the Bureau of Recommendations:
LOUISE FFROST HODGES CRENSHAW, A.B.
Office: Taylor Hall.

Assistant Director of Public Relations:
ELOISE CHADWICK-COLLINS SUTTON, A.B.
Office: Taylor Hall.

Assistant Editor of Publications and Assistant to the Director in Residence: MARGARET SIMPSON DAVID, M.A.
Office: Taylor Hall.

Assistant to the Director of Admissions:
JEAN BRUNN MUNGALL, A.B.
Office: Taylor Hall.

Adviser in the Bureau of Recommendations:
NATICA BATES.
Office: Taylor Hall.

Director of Halls and Head Warden:
CHARLOTTE BRANDON HOWE, M.A.
Office: Rockefeller Hall.

Warden of Denbigh Hall: SALLY BARCLAY STEVENSON, A.B.

Warden of Merion Hall: FRANCES CROFTS, A.B.

¹ Deceased May 20, 1948.

- Warden of Pembroke Hall East:* ANNE COLCORD, A.B.
- Warden of Pembroke Hall West:* EVELYN CORNELIA HALLER, M.A.
- Warden of Rhoads Hall North:* REBECCA COOPER WOOD, A.B.
- Warden of Rhoads Hall South:* LOIS LENOIR POST, A.B.
- Warden of Rockefeller Hall:* RUTH ELIZABETH GRUN, A.B.
- Warden of Spanish House (East House):* GLORIA CORTÉS, *Licenciada*
- Warden of French House (Wyndham):* LISETTE GABRIELLE RENÉE NIGOT, *Licenciée-ès-lettres*
- Warden of German House (Denbigh Wing):* ELFRIEDE FRIESE, M.S.S.
- Senior Resident of Radnor Hall:* BARBARA ADAMS CRAWFORD, A.B.
- College Physician:* ELIZABETH HUMESTON, M.D.
Office: The Infirmary.
- Assistant College Physician:* ISAAC SHARPLESS, M.D.
Office: The Infirmary.
- Attending Psychiatrist:* C. H. HARDIN BRANCH, M.D.
Office: The Infirmary.
- Director of Physical Education:* IRENE A. CLAYTON, M.S.
Office: The Gymnasium.
- Assistant Director of Physical Education:* ETHEL M. GRANT
Office: The Gymnasium.
- Librarian:* JANET AGNEW, B.L.S., M.A.
Office: The Library.
- Assistant to the Treasurer:* SANDY LEE HURST.
Office: Taylor Hall.
- Comptroller:* RAYMOND G. BUCKLEY.
Office: Taylor Hall.
- Superintendent:* HORACE T. SMEDLEY.
Office: Rockefeller Hall.

FACULTY AND STAFF

ACADEMIC YEAR, 1947-48

KATHARINE ELIZABETH McBRIDE, Ph.D., LL.D., L.H.D., *President of the College.*

MARION EDWARDS PARK, Ph.D., LL.D., *President Emeritus of the College.*

DOROTHY NICOLE NEPPER, Ph.D., *Dean of the College.*

LILY ROSS TAYLOR, Ph.D., Litt.D., *Dean of the Graduate School and Professor of Latin.*

ANNIE LEIGH BROUGHTON, M.A., *Dean of Freshmen and Director of Admissions.*

CAROLINE MORROW CHADWICK-COLLINS, A.B.,¹ *Director in Residence of the Board of Directors.*

WILMER CAVE WRIGHT, Ph.D., *Professor Emeritus of Greek.*

REGINA KATHARINE CRANDALL, Ph.D., *Professor Emeritus of English Composition.*

LUCY MARTIN DONNELLY, A.B., *Professor Emeritus of English.*

SUSAN MYRA KINGSBURY, Ph.D., LL.D., *Professor Emeritus of Social Economy.*

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

CHARLES GHEQUIERE FENWICK, Ph.D., LL.D., *Professor Emeritus of Political Science.*

EUNICE MORGAN SCHENCK, Ph.D.,² *Class of 1907 Professor of French.*

SAMUEL CLAGGETT CHEW, Ph.D.,³ *Mary E. Garrett Alumnae Professor of English Literature and Holder of the Mary Hill Swope Grant.*

RHYS CARPENTER, Ph.D., Litt.D., *Professor of Classical Archaeology and Holder of a Julius and Sarah Goldman Grant.*

JAMES LLEWELLYN CRENSHAW, Ph.D., *Professor of Physical Chemistry.*

HELEN TAFT MANNING, Ph.D., LL.D.,⁴ *Marjorie Walter Goodhart Professor of History.*

ANNA PELL WHEELER, Ph.D., Sc.D., *Professor of Mathematics.*

¹ Deceased May 20, 1948.

² On leave of absence for the first semester of the year 1947-48. Resigned February 1948.

³ Granted leave of absence for the second semester, 1948-49.

⁴ On leave of absence for the year 1947-48, and granted leave of absence for Semester I, 1948-49.

- MARY HAMILTON SWINDLER, Ph.D., LL.D., *Professor of Classical Archæology.*
- HORACE ALWYNE, F.R.M.C.M., *Alice Carter Dickerman Professor of Music and Director of the Department of Music.*
- ROGER HEWES WELLS, Ph.D., *Professor of Political Science.*
- JOSEPH E. GILLET, Ph.D.,¹ *Professor of Spanish.*
- MAX DIEZ, Ph.D., *Professor of German Literature.*
- GRACE FRANK, A.B., *Non-resident Professor of Old French Philology.*
- STEPHEN JOSEPH HERBEN, B.Litt, Ph.D., *Professor of English Philology.*
- FRITZ MEZGER, Ph.D., *Professor of Germanic Philology.*
- THOMAS ROBERT SHANNON BROUGHTON, Ph.D., *Professor of Latin.*
- HARRY HELSON, Ph.D.,¹ *Professor of Experimental Psychology.*
- EDWARD H. WATSON, Ph.D., *Professor of Geology.*
- MILTON CHARLES NAHM, B.Litt., Ph.D., *Professor of Philosophy.*
- WALTER C. MICHELS, Ph.D., *Marion Reilly Professor of Physics.*
- CORNELIA LYNDE MEIGS, A.B., *Margaret Kingsland Haskell Professor of English Composition.*
- MARGARET GILMAN, Ph.D.,² *Professor of French.*
- LINCOLN DRYDEN, Ph.D., *Professor of Geology.*
- FLORENCE PETERSON, M.A., *Professor of Social Economy and Director of the Graduate Department of Social Economy and Social Research.*
- ERICH FRANK, Ph.D., *Visiting Professor of Philosophy.*
- PAUL SCHRECKER, Ph.D., *Visiting Professor of Philosophy on a joint appointment with Haverford College and Swarthmore College.*
- MARGUERITE LEHR, Ph.D., *Associate Professor of Mathematics.*
- MARY SUMMERFIELD GARDINER, Ph.D.,³ *Associate Professor of Biology.*
- CAROLINE ROBBINS, Ph.D., *Associate Professor and Professor-elect of History.*
- ANGELINE HELEN LOGRASSO, Ph.D., *Associate Professor of Italian.*
- MYRA RICHARDS JESSEN, Ph.D., *Associate Professor of German.*
- DOROTHY WYCKOFF, Ph.D., *Associate Professor of Geology.*
- BERTHE MARIE MARTI, Ph.D., *Associate Professor of Latin and French.*
- RICHARD BERNHEIMER, Ph.D., *Associate Professor of History of Art*
- RICHMOND LATTIMORE, Ph.D., *Paul Shorey Associate Professor and Professor-elect of Greek.*

¹ Granted leave of absence for the year 1948-49.

² On leave of absence for Semester II, 1947-48.

³ On leave of absence for the year 1947-48.

MARY KATHARINE WOODWORTH, Ph.D.,¹ *Associate Professor of English.*

ARTHUR COLBY SPRAGUE, Ph.D., *Associate Professor of English Literature.*

HERTHA KRAUS, Ph.D., *Carola Woerishoffer Associate Professor of Social Economy.*

ARTHUR LINDO PATTERSON, Ph.D., *Associate Professor of Physics.*

GERMAINE BRÉE, *Agrégée, Associate Professor of French.*

K. LAURENCE STAPLETON, A.B.,² *Associate Professor of English and Professor-elect of English and of Political Theory.*

JOSEPH CURTIS SLOANE, JR., M.F.A.,³ *Associate Professor of History of Art.*

MILDRED BENEDICT NORTHROP, Ph.D., *Associate Professor of Economics.*

JANE MARION OPPENHEIMER, Ph.D., *Associate Professor of Biology.*

ALEXANDER COBURN SOPER, M.F.A., Ph.D., *Associate Professor and Professor-elect of History of Art.*

JOHN CHESTER MILLER, Ph.D.,¹ *Associate Professor of History.*

JOHN CORNING OXTOBY, M.A., *Associate Professor of Mathematics.*

ISABEL SCRIBNER STEARNS, Ph.D.,⁴ *Associate Professor of Philosophy.*

AGNES KIRSOPP MICHELS, Ph.D., *Associate Professor of Latin.*

L. JOE BERRY, Ph.D.,³ *Associate Professor of Biology.*

MARSHALL DEMOTTE GATES, JR., Ph.D., *Associate Professor of Chemistry.*

ERNST BERLINER, Ph.D., *Associate Professor of Chemistry.*

FELIX GILBERT, Ph.D., *Associate Professor of History.*

EVELYN GENTRY CALDWELL, Ph.D., *Associate Professor of Psychology.*

FREDERICA DE LAGUNA, Ph.D., *Assistant Professor of Anthropology.*

RACHEL DUNAWAY COX, Ph.D., *Assistant Professor of Education and Psychology.*

BETTINA LINN, M.A., *Assistant Professor of English.*

JOSHUA C. HUBBARD, Ph.D., *Assistant Professor and Associate Professor-elect of Economics.*

FREDERICK W. THON, M.F.A., *Assistant Professor of English and Associate Professor-elect of The Drama.*

MABEL LOUISE LANG, Ph.D.,⁴ *Assistant Professor of Greek.*

GEORGE CUTTINO, Ph.D.,⁴ *Assistant Professor of History on a joint appointment by Bryn Mawr College and Swarthmore College.*

¹ Granted leave of absence for Semester II, 1948-49.

² On leave of absence for Semester I, 1947-48, and granted leave of absence for Semester I, 1948-49.

³ Granted leave of absence for the year 1948-49.

⁴ On leave of absence for the year 1947-48.

- RICHARD M. MARTIN, Ph.D., *Assistant Professor of Philosophy.*
- LOUIS PAMPLUME, *Agrégé, Assistant Professor of French.*
- FRANCES DE GRAAFF, Ph.D., *Assistant Professor of Russian on a joint appointment by Bryn Mawr College and Haverford College.*
- MANUEL ALCALÁ, M.A.,¹ *Assistant Professor of Spanish.*
- ROBERT L. GOODALE, A.B., B.Mus., A.A.G.O., *Assistant Professor of Music.*
- LINDLEY J. BURTON, Ph.D., *Assistant Professor-elect of Mathematics.*
- ROSALIE C. HOYT, Ph.D., *Assistant Professor-elect of Physics.*
- MARY MARGARET ZENDER, M.A., M.S.S., *Lecturer in Social Economy.*
- MURIEL JANET GAYFORD, M.S.P.A., *Lecturer in Medical Social Case Work.*
- KATHERINE D. K. LOWER, Ph.D., *Lecturer in Social Economy.*
- DELIGHT TOLLES, Ph.D., *Lecturer in Greek.*
- CHARLES WILBUR UFFORD, Ph.D., *Lecturer-elect in Physics.*
- ANDREW P. USHENKO, Ph.D., *Visiting Lecturer in Philosophy.*
- FRANCIS COPE EVANS, D.Phil., *Visiting Lecturer in Biology, Semester II.*
- ROBERT ROSWELL PALMER, Ph.D., *Visiting Lecturer in History, Semester II.*
- FREDERICK JONES, Ph.D., *Visiting Lecturer-elect in English, Semester II.*
- MARY H. EASBY, M.D., *Special Lecturer in Medical Information, Semester I.*
- LEON B. SAUL, M.D., *Special Lecturer in Psychiatric Information, Semester I.*
- M. ROYDEN C. ASTLEY, M.D., *Special Lecturer in Psychiatric Information, Semester II.*
- EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry.*
- MARTHA MEYSENBERG DIEZ, M.A., *Instructor in German.*
- HILDE D. COHN, Ph.D., *Instructor in German.*
- MILDRED TONGE BROWN, Ph.D., *Instructor in English.*
- DOROTHY ALDEN KOCH, Ph.D., *Instructor in English.*
- HELEN HAZARD BACON, A.B., *Instructor in Greek and English.*
- PETER BACHRACH, M.A., *Instructor and Assistant Professor-elect in Political Science.*
- JOANNE LOEWE NEEL, M.A., *Instructor in History.*
- KERNAN BRADLEY WHITWORTH, M.A., *Instructor in French.*
- WILLIAM E. NORRIS, JR., Ph.D., *Instructor and Assistant Professor-elect in Biology.*

¹ Litt.D. to be conferred July, 1948.

- JEAN S. OXTOBY, M.A., *Instructor in Mathematics.*
- MURRAY GORDON DE JERSEY, M.A., *Instructor in Psychology.*
- PHYLLIS PLYLER PARKINS, M.A., *Instructor in Biology, Semester I.*
- DEBORAH SANDS AUSTIN, M.A., *Instructor in English.*
- CARMEN FIGUEROA, M.A., *Instructor in Spanish.*
- CHARLES ROBERTS PEAVY, M.A., *Instructor in Sociology.*
- HELEN HARTMAN GEMMILL, A.B., *Instructor in English, Semester II.*
- JOY C. LEVY, M.A., *Instructor-elect in History of Art.*
- ELIZABETH BOOTH, A.B., *Reader in Music.*
- BARBARA ADAMS CRAWFORD, A.B., *Reader in History of Art, and Senior Resident of Radnor Hall.*
- JOSEPHINE J. CARR, A.B., *Reader in Mathematics.*
- JANE HADAS, A.B., *Reader-elect in Mathematics.*
- HENRIETTA HUFF LANDES, A.B., *Curator of Slides and Photographs.*
- JULIE NEIL CALVERT, M.A., *Demonstrator in Biology.*
- KATHARINE LUTZ, M.A., *Demonstrator in Geology.*
- CYNTHIA ELIZABETH BOURDEAU, M.A., *Demonstrator in Geology.*
- FRANCES BONDHUS BERLINER, Ph.D., *Demonstrator in Chemistry.*
- MARY LOU HACKENTHAL BEIDLER, A.B., *Demonstrator in Physics.*
- NORMA CURTIS JOHNSON, M.A., *Demonstrator in Physics.*
- CONNIE VAN ERT EVRARD, A.B., *Demonstrator in Psychology.*
- BARBARA ANN JOUBERT PALM, A.B., *Demonstrator in Physics.*
- JUNE RITA HERBERT KRAVITZ, A.B., *Demonstrator in Physics.*
- LUCILLE HOLLJES ALTSCHUL, M.A., *Demonstrator in Chemistry.*
- THERESA M. NORRIS, B.S., *Demonstrator in Biology.*
- CHI SHANG CH'IH, M.A., *Demonstrator-elect in Geology.*
- EVELYN A. SCLUFER, A.B., *Demonstrator-elect in Biology.*
- MARY R. DAY, A.B., *Demonstrator-elect in Biology.*
- EILEEN BEIER MAHER, M.A., *Demonstrator-elect in Psychology.*
- BERNICE PORTEOUS, M.A. *Demonstrator-elect in Biology.*
- RICHARD C. BARBERA,¹ *Demonstrator-elect in Physics.*
- GRACE PETERS,² *Demonstrator-elect in Chemistry.*
- MARY PHYLLIS VIPOND, M.A., *Research Assistant in Chemistry and Geology.*

¹ B.S. to be conferred June, 1948.

² A.B. to be conferred June, 1948.

- MYRTLE CORLISS NASH, M.A., *Assistant in the Educational Service.*
 KATHARINE M. DOWNING, A.B., *Assistant in Economics and Statistics.*
 CHRISTIE WEATHERBY HASTINGS, A.B., *Assistant in Political Science.*
 JEANNE DEBOW BRUGGER, M.A., *Assistant in Psychology, Semester I
 and Lecturer-elect in Psychology.*
 REBECCA COOPER WOOD, A.B., *Assistant in Classical Archæology and
 Warden of Rhoads North.*
 MARILYN MEYER, M.A., *Assistant in Philosophy.*
 LOUISE SHANNON DUBOSE, A.B., *Assistant-elect in Philosophy.*
 LUCILLE FEIDEN, A.B., *Assistant-elect in History of Art.*
 DOROTHY LEADBEATER, M.A., *Assistant-elect in History of Art.*
 CORLETTE ROSSITER, A.B.,¹ *Assistant-elect in History of Art.*
 WILLIAM REESE, Ph.D., *Director of Orchestra and Instrumental
 Ensemble Groups.*
 MORRIS BLACKBURN, *Visiting Artist.*

LIBRARY

- JANET AGNEW, B.L.S., M.A., *Librarian.*
 MARY LOUISE TERRIEN, A.B., B.S., *Circulation and Reference Li-
 brarian.*
 HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer.*
 ANNA ELIZABETH DOUGHERTY, A.B., B.S., *Assistant Cataloguer.*
 ETHEL W. WHETSTONE, A.B., *Library Assistant in the Quita Wood-
 ward Wing.*
 MARIBEL SCOLES, A.B., B.S., *Librarian in Charge of the Science
 Libraries.*
 ELEANOR ADAMS, B.S., *Assistant Cataloguer.*
 ALICE B. COMLY, *Assistant to the Circulation Librarian.*

HALLS OF RESIDENCE

- CHARLOTTE BRANDON HOWE, M.A., *Director of Halls and Head
 Warden.*
 BARBARA ADAMS CRAWFORD, A.B., *Senior Resident of Radnor Hall.*
 FRANCES CROFTS, A.B., *Warden of Merion Hall.*
 EVELYN CORNELIA HALLER, M.A., *Warden of Pembroke West.*
 ANNE COLCORD, A.B., *Warden of Pembroke East.*
 LOIS LENOIR POST, A.B., *Warden of Rhoads South.*

¹ M.A. to be conferred June, 1948.

- ELFRIEDE FRIESE, M.S.S., *Warden of German House (Denbigh Wing).*
 LISETTE GABRIELLE RENÉE NIGOT, *Licenciée-ès-lettres, Warden of French House (Wyndham).*
 GLORIA CORTÉS, *Licenciada, Warden of Spanish House (East House).*
 RUTH ELIZABETH GRUN, A.B., *Warden of Rockefeller Hall.*
 SALLY BARCLAY STEVENSON, A.B., *Warden of Denbigh Hall.*
 REBECCA COOPER WOOD, A.B., *Warden of Rhoads North.*
 PAULINE UTSINGER, A.B., *Warden-elect.*

HEALTH

- The President and Deans of the College, *ex officio.*
 ELIZABETH HUMESTON, M.D., *College Physician.*
 FREDERIC C. SHARPLESS, M.D., *General Consultant.*
 ISAAC SHARPLESS, M.D., *Assistant College Physician.*
 C. H. HARDIN BRANCH, M.D., *Attending Psychiatrist.*
 IRENE A. CLAYTON, M.S., *Director of Physical Education.*

PHYSICAL EDUCATION

- IRENE A. CLAYTON, M.S., *Director of Physical Education.*
 ETHEL M. GRANT, *Assistant Director of Physical Education.*
 JANET A. YEAGER, *Instructor in Physical Education..*
 EMELIA-LOUISE JEPSON KILBY, M.A., *Instructor in Physical Education.*

BUSINESS ADMINISTRATION

- CHARLOTTE BRANDON HOWE, M.A. *Director of Halls.*
 SANDY LEE HURST, *Assistant to the Treasurer.*
 RAYMOND G. BUCKLEY, *Comptroller.*
 HORACE T. SMEDLEY, *Superintendent.*
 JOSEPHINE FALCONE MCCUSKER, *Purchasing Agent and Manager of the Business Office.*
 MARJORIE E. BACHELLER, B.S., *Dietitian.*
 WINFIELD DAUGHERTY,¹ *Fire Chief.*
 WILLIAM J. BURK, *Fire Chief.*

¹ Died April 3, 1948.

COLLEGE REPRESENTATIVES

The following Alumnæ of Bryn Mawr College have been appointed representatives of the College in the cities in which they live and will be glad at any time to answer questions about the College:

Alabama

BIRMINGHAM—Miss Louisa I. Gibson, *President of the Bryn Mawr Club of Birmingham*, Box 379, Route 1, Gardendale.

Arkansas

HOT SPRINGS—Mrs. James H. Chesnutt, *State Chairman of the Alumnæ Association*, 2412 Central Avenue.

California

ALTADENA—Mrs. J. Wylie Brown, *Southern California Scholarships Chairman*, 234 East Mendocino Street.

PASADENA—Mrs. Calvin Goodrich, *President of the Bryn Mawr Club of Southern California*, 7111½ Park Ave., South Pasadena.

SAN FRANCISCO—Miss Phoebe H. Brown, *President of the Bryn Mawr Club of Northern California*, 1 25th Avenue, North, San Francisco 1.

Mrs. Colis Mitchum, *Northern California Regional Scholarships Chairman*, 2131 Jackson Street, San Francisco 15.

Mrs. Farwell Hill, Ross.

SAN MARINO—Mrs. C. Pardee Erdman, *District Councillor of the Alumnæ Association*, 1050 Rosalind Road, San Marino 5.

Colorado

DENVER—Mrs. Harry E. Bellamy, *State Chairman of the Alumnæ Association*, 1174 Race Street, Denver 6.

Connecticut

NEW HAVEN—Mrs. Charles McLean Andrews, 424 St. Ronan Street, New Haven 11.

Mrs. Clarence W. Mendell, *President of the Bryn Mawr Club of New Haven*, 151 Linden Street, New Haven 11.

FAIRFIELD—Mrs. Howard V. Phillips, *District Councillor of the Alumnæ Association*, 1211 Stillson Road.

Delaware

WILMINGTON—Mrs. Benjamin F. Schlimme, 4408 Lowell Road, Wilmington, 220.

District of Columbia

WASHINGTON—Mrs. John L. Vandegrift, *Washington Regional Scholarships Chairman*, 3241 38th Street, N. W. Washington 16.

Mrs. Harry L. Grant, *President of the Bryn Mawr Club of Washington*, 2216 R Street, N. W., Washington 8.

Mrs. Helen Hill Miller, *Alumnæ Director-elect of Bryn Mawr College*, Room 1098, National Press Bldg., Washington 4, D. C.

Florida

TALLAHASSEE—Mrs. Alfred B. Maclay, Route 1, Box 22-C.

MIAMI—Mrs. Dexter French, Box 27, Coconut Grove Station.

Georgia

AUGUSTA—Mrs. Landon Thomas, *State Chairman of the Alumnae Association*, 2226 Pickens Road.

Illinois

CHICAGO—Mrs. Noel L. Flint, *President of the Bryn Mawr Club of Chicago*, 40 W. Schiller Street.

Mrs. John F. Manierre, *Chairman, Regional Scholarships Committee for District V*, 606 Maple Avenue, Winnetka.

Mrs. Nathaniel Blatchford, *District Councillor of the Alumnae Association*, 1057 Eastwood Road, Glencoe.

Mrs. William G. Hibbard, 840 Willow Road, Winnetka.

Indiana

INDIANAPOLIS—Mrs. Edgar Evans, *President of the Bryn Mawr Club of Indiana*, 3445 North Pennsylvania Street, Indianapolis 5.

Kansas

WICHITA—Mrs. Cecil A. Clarke, *State Chairman of the Alumnae Association*, 115 North Fountain Avenue.

Kentucky

LOUISVILLE—Mrs. C. S. Blakely, *Chairman, Regional Scholarships Committee for the South*, Rt. 6, Brownsboro Road.

Maryland

BALTIMORE—Miss Dorothy P. Hall, *President of the Bryn Mawr Club of Baltimore*, Medical Hall Farm, Bel Air.

Dr. Eleanor A. Bliss, *Alumnæ Director of Bryn Mawr College*, 1026 North Calvert Street, Baltimore 2.

Mrs. Tenney Frank, *Baltimore Regional Scholarships Chairman*, 110 Elmhurst Street, Baltimore 10.

TOWSON—Miss Elizabeth Baer, Towson 4.

Massachusetts

BOSTON—Mrs. Talbot Aldrich, *Director of Bryn Mawr College and New England Regional Scholarships Chairman*, 59 Mount Vernon Street, Boston 8.

Mrs. C. Padgett Hodson, *President of the Bryn Mawr Club of Boston*, 380 Beacon St., Boston 16.

Michigan

DETROIT—Mrs. E. Parrish Lovejoy, *Chairman of the Alumnae Organization of Michigan*, 1720 Iroquois Avenue, Detroit 14.

Minnesota

MINNEAPOLIS—Mrs. Lyndon M. King, 2412 West 24th Street, Minneapolis 5.

Missouri

FLORISSANT—Mrs. Evarts A. Graham, *Alumnæ Director of Bryn Mawr College*, Old Jamestown Road.

ST. LOUIS—Mrs. Charlton MacVeagh, *President of the Bryn Mawr Club of St. Louis*, 425 Oakwood Avenue, Webster Groves 19.

Mrs. Warren Shapleigh, *District Councillor of the Alumnae Association*, 34 Westmoreland Place, St. Louis 8.

Nebraska

OMAHA—Miss Marie C. Dixon, *State Chairman of the Alumnae Association*, 507 South 38th Street, Omaha 5.

New Jersey

MONTCLAIR—Mrs. Raymond H. Carter, *President of the Bryn Mawr Club of Montclair*, 173 North Mountain Avenue.

MORRISTOWN—Mrs. William L. Savage, *President of the Alumnae Association of Bryn Mawr College*, 46 MacCulloch Avenue.

PRINCETON—Mrs. John H. Curtis, *President of the Bryn Mawr Club of Princeton*, R.R. 2, Hillside Road.

SHORT HILLS—Mrs. William H. Hardie, *Regional Scholarships Chairman, Northern New Jersey*, 7 Chestnut Place.

New Mexico

SANTA FÉ—Mrs. Wheaton Augur, P. O. Box 884.

New York

ALBANY—Mrs. John D. Hatch, Jr., *President of the Bryn Mawr Club*, 196 Albany-Shaker Road.

HAMILTON—Mrs. Everett Case, *Director of Bryn Mawr College*, Colgate University.

NEW YORK—Mrs. William H. Haines, *President of the Bryn Mawr Club of New York City*, Auldwood Road, Stamford, Connecticut.

Mrs. Learned Hand, 142 East 65th Street, New York 21.

Mrs. Rustin McIntosh, *Trustee and Director of Bryn Mawr College*, 514 East 87th Street, New York 28.

Miss Jean T. Palmer, *Alumnæ Director of Bryn Mawr College*, Butler Hall, Morningside Drive, New York 27.

Mrs. F. Louis Slade, *Director of Bryn Mawr College*, 49 East 67th Street, New York 21.

Mrs. Thomas Thacher, *District Councillor of the Alumnae Association and New York Regional Scholarships Chairman*, 443 East 84th Street, New York 28.

ROCHESTER—Mrs. J. Stinson Scott, *Chairman of the Alumnae Group of Rochester*, 800 Allen's Creek Road, Rochester 10.

SCARSDALE—Mrs. Melvyn Lowenstein, *Chairman of the Westchester and Fairfield Group of Bryn Mawr Alumnae*, 14 Butler Road.

North Carolina

ASHEVILLE—Mrs. George M. Stephens, *President of the Bryn Mawr Club of Asheville*, 4 Hilltop Road, Biltmore Forest.

DURHAM—Mrs. David St. Pierre DuBose, *District Councillor of the Alumnae Association*, P. O. Box 310.

Ohio

CINCINNATI—Mrs. Bleecker Marquette, *President of the Bryn Mawr Club of Cincinnati*, Glendale.

CLEVELAND—Miss Doris Emerson, *President of the Bryn Mawr Club of Cleveland*, 16015 Fernway Road, Shaker Heights 20.

Mrs. James W. Osborn, *District Councillor of the Alumnae Association*, 1775 Radnor Road, Cleveland 18.

COLUMBUS—Mrs. Webb I. Vorys, *Chairman of the Columbus Alumnae Group*, "Clifftop," Blacklick.

Pennsylvania

PHILADELPHIA—Miss Adelaide W. Neall, *Director of Bryn Mawr College*, 425 Roumfort Road, Philadelphia 19.

Mrs. Charles W. David, *Chairman of the Bryn Mawr Club of Philadelphia*, 13 Arthur Road, Rosemont, Pa.

Mrs. Samuel H. Paul, 540 East Graver's Lane, Philadelphia 18.

PITTSBURGH—Mrs. Charles B. Nash, *President of the Bryn Mawr Club of Pittsburgh*, 4136 Bigelow Boulevard, Pittsburgh 13.

Miss Sara F. Ellis, *Western Pennsylvania Regional Scholarships Committee, Chairman*, 340 South Highland Avenue, Pittsburgh 6.

Rhode Island

PROVIDENCE—Mrs. Ray E. Gilman, *President of the Bryn Mawr Club of Providence*, 44 E. Manning Street, Providence 6.

South Carolina

COLUMBIA—Miss Mary K. Boyd, *State Chairman of the Alumnae Association*, 1708 Green Street.

Tennessee

CHATTANOOGA—Mrs. Glenn R. Kleinau, *President of the Chattanooga-Sewanee Bryn Mawr Club*, 2006 McCallie Avenue, Chattanooga 2.

NASHVILLE—Miss Martha J. Lindsey, *President of the Nashville Bryn Mawr Club*, 201 24th Avenue, South, Nashville 5.

Texas

EL PASO—Miss Mary S. Goggin, *District Councillor of the Alumnae Association*, Rt. 2, Box 332.

WACO—Mrs. A. Foster Smith, *State Chairman of the Alumnae Association*, P. O. Box 337, B. U. Station.

Vermont

PLAINFIELD—Mrs. Harold E. Townsend, *Alumnae Director of Bryn Mawr College*, "Allenwood," Plainfield.

Virginia

ALEXANDRIA—Mrs. Alexander C. Zabriskie, *State Chairman of the Alumnae Association*, Seminary Hill.

RICHMOND—Mrs. T. Braxton Horsley, *President of the Bryn Mawr Club of Richmond*, 1406 Park Avenue, Richmond 20.

Mrs. William N. Beverley, *Regional Scholarships Representative for Richmond*, 1831 Monument Avenue, Richmond 20.

Washington

SEATTLE—Mrs. Wetherill B. Collins, *President of the Bryn Mawr Club of Seattle*, 1851 McGilbra Boulevard.

Wisconsin

MADISON—Mrs. Moses S. Slaughter, 633 North Francis Street, Madison 3.

Mrs. Donald T. Hall, *Regional Scholarships Chairman for Seattle*, 315 Erie Avenue, Seattle 22.

England

Mrs. Alys Russell, 25 Wellington Square, Chelsea, London, S.W. 3.

ADMISSION

Bryn Mawr College is interested in candidates of varied interests and talents who come from a wide range of schools and regions in the United States and abroad. The essentials for admission are character and ability, the desire for a liberal education, and sound training in school.

In its consideration of candidates the College looks for evidence of ability in the student's high school record, her rank in class, and her College Board tests and asks her high school principal for an estimate of her character, maturity, and readiness for college. The Director of Admissions welcomes correspondence and interviews with candidates, their parents, and school advisers. The College reserves the right in all cases to determine which candidates shall be admitted.

PROGRAM OF SECONDARY SCHOOL STUDIES

Candidates are expected to complete a four-year secondary school course which includes work in English, foreign languages, mathematics, history, and science. The first three of these subjects should be carried through most of the school course.

The best foundation for the work of the College is a program of four years of English grammar, composition, and literature, two and a half or three years of mathematics, including Plane Geometry, Elementary and Intermediate Algebra, and in languages three years of Latin (or two of Greek), and three of a modern foreign language. At least one course in history and one in science (Biology, Chemistry, or Physics) should also be included. Further work in the subjects already mentioned or a year's work in History of Art, History of Music, or Biblical Literature should make a recommended total of 16 credits. Students offering more than six years work in foreign language may obtain college credit by passing advanced standing examinations given at the college every autumn.

The College recognizes the wide differences among the curricula of different schools and the consequent variations among students' programs. Candidates of ability whose plans of study differ from those suggested will always be given careful consideration provided their programs show continuity in the study of basic subjects. Candidates are advised to read the section on requirements for the degree of Bachelor of Arts at Bryn Mawr.

APPLICATION FOR ADMISSION

Application forms may be obtained from the Director of Admissions, Bryn Mawr College, Bryn Mawr, Penna. A fee of \$10.00 must accompany each application and is not refunded if the candidate later withdraws her name or is not admitted. Application does not insure admission. Students are urged to register for admission early

in their high school course so that their programs may be approved and their names added to the College mailing list. Admitted candidates are assigned rooms in order of date of registration.

ENTRANCE TESTS

The Scholastic Aptitude Test and three Achievement Tests of the College Entrance Examination Board are required of all candidates. Candidates are advised to offer all tests in April of the senior year in secondary school, but may if they prefer take the Scholastic Aptitude Test in January of that year.

The Scholastic Aptitude Test (3 hours) offers three programs as follows:

- Program 1. Verbal and Mathematical Aptitude Sections. Mathematical section is based on arithmetic plus the rudiments of algebra and geometry.
- Program 2. Verbal Section and Intermediate Mathematics Test. Mathematics section is based on 1 year of plane geometry and $1\frac{1}{2}$ or 2 years of algebra.
- Program 3. Verbal Section and Comprehensive Mathematics Test. Mathematics section is based on $3\frac{1}{2}$ to 4 years of mathematics, including 1 year of plane geometry, 2 years of algebra, and at least one semester of trigonometry. Solid geometry advised but not required.

Candidates studying Mathematics in their senior year should offer Program II or Program III. A candidate who is not studying Mathematics during the year in which she is examined should take Program I regardless of the extent of her training.

The Achievement Tests (one hour each) are ten in number: English, Latin, French, German, Spanish, Biology, Chemistry, Physics, Social Studies, and Spatial Relations. Bryn Mawr candidates should take three Achievement Tests: English, a foreign language; and either Social Studies or one of the sciences.

The Scholastic Aptitude and Achievement Tests are to be taken without special preparation. They are so constructed that ample opportunity is allowed for candidates to secure good scores on the basis of work well done during the school year.

APPLICATION FOR THE COLLEGE ENTRANCE EXAMINATION BOARD TESTS

Candidates should make application by mail to the College Entrance Examination Board. Students who wish to take the examinations in any one of the following western states, territories, and Pacific areas: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, Territory of Alaska, Territory of Hawaii, Australia, and all Pacific islands

except Formosa and Japan, should address their inquiries and send their applications to

College Entrance Examination Board
P. O. Box 775
Berkeley 4, California.

All others should write to

College Entrance Examination Board
P. O. Box 592
Princeton, New Jersey.

Application forms will be sent to any teacher or candidate upon request. When ordering the forms, candidates should state whether they wish forms for the January, April, June or August tests. Applications for any particular series will not be available until after the preceding series has been held. A copy of the Bulletin of Information is automatically sent to every candidate requesting an application blank.

There is a fee of ten dollars for registration for both the Scholastic Aptitude Test and the Achievement Tests, of five dollars for the Scholastic Aptitude Test alone, and of seven dollars for the Achievement Test alone. This fee must accompany each application and may be remitted by postal or express money order or by check. Late applications will be subject to a penalty fee of three dollars in addition to the regular fee.

All applications and fees should reach the office of the Board not later than the dates specified in the following schedule:

	<i>January</i> 1949 <i>Series</i>	<i>April</i> 1949 <i>Series</i>	<i>June</i> 1949 <i>Series</i>	<i>August</i> 1949 <i>Series</i>
For examination centers located in the United States, Canada, Mexico, or the West Indies.....	December 25	March 19	May 14	August 3
Outside the United States, Canada, Mexico, or the West Indies	November 27	February 19	April 16	June 6

Under no circumstances will an application be accepted if it is received at the Board office later than one week prior to the date of the examination. No candidate will be permitted to register with the supervisor of an examination center at any time. Only properly registered candidates, holding tickets of admission to the centers at which they present themselves, will be admitted to the tests.

ADMISSION OF TRANSFER STUDENTS AND OF FOREIGN STUDENTS

Students are admitted on transfer from colleges and universities accredited by the Association of American Universities and from foreign universities approved by the College. Such students must have had excellent school records and grades of A and B in their college courses. In addition to their school and college transcripts

they must send in a letter of recommendation from an official of their college, and they must offer the Scholastic Aptitude Test and three Achievement Tests of the College Entrance Examination Board, or, if previously offered, a report on these tests. Foreign students may substitute examinations admitting them to universities in their own countries. Students whose native language is not English may be asked to take, in addition to entrance tests, the special English Examination for Foreign Students set by the College Entrance Examination Board.

No credit will be given for work done elsewhere until the student has successfully completed a year's work at Bryn Mawr. To qualify for the A.B. degree transfer students must have studied at Bryn Mawr for at least two years. Students of other colleges or universities who have outstanding conditions, who have otherwise failed to meet prescribed standards of academic work, or who have been put on probation or suspended or excluded, will under no circumstances be admitted to Bryn Mawr College.

"HEARERS"

Women over twenty-five years of age are admitted as "hearers" to undergraduate courses without a matriculation examination, but they must furnish proof that they have at some time pursued the studies required for matriculation. Hearers are clearly differentiated from regularly matriculated students and must obtain permission from each instructor to attend classes, laboratories, and examinations. They are not eligible for degrees and may receive only such certificates of collegiate study as their instructors see fit to give. They are charged the full tuition fee. No other special students are admitted to undergraduate courses at Bryn Mawr College.

RESIDENCE AND EXPENSES

RESIDENCE

Halls of Residence. There are nine undergraduate halls of residence: Denbigh Hall, Merion Hall, Pembroke Hall East and West, James E. Rhoads Hall North and South, Rockefeller Hall, Wyndham, and Radnor. A resident warden is in charge of each hall. Each hall has its separate kitchen and dining-room except Pembroke and Rhoads, each of which has a common kitchen and dining-room for the two wings. Each room is furnished with a bed, bureau, table-desk, straight chair, desk chair, and bookcase, but students supply their own rugs, curtains, and towels.

Language Houses. There are three "language houses," in which students get practice in spoken French, German, and Spanish: the French House, with accommodations for eighteen students, occupies Wyndham; the German House and the Spanish House usually occupy a floor of one of the larger dormitories. Each house has its dining-room or alcove where breakfast and dinner are served; but lunch is provided in the larger halls of residence with the other students. Students living in these houses are under the supervision of the French, German and Spanish departments respectively, and applications to live in the houses must be approved by the department concerned.

Application for Residence. A student in residence, who wishes to apply for a room for the following year, must make an application for a room and accompany it with an application fee of \$10. This fee will be credited against the residence charge if the room assigned is occupied by the applicant; it will not be refunded in any circumstances. Each student enrolled for the following year must make an additional deposit of \$40 not later than June first. This deposit will also be credited against the residence charge. It will be returned if the student withdraws from College before July first; it will not be returned if she withdraws later than July first.

New students applying for residence will be billed \$50 early in the summer. This \$50 will be credited against the residence charge, but it will not be returned in case of withdrawal after July first.

An applicant who, after having reserved a room, fails to cancel her reservation by September first (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 Dean of the College by September first, the applicant is responsible for the residence charge (based upon the room assigned to her) for the whole year, or if a definite room assignment has not

been made, the applicant is responsible for the minimum residence charge of \$800; subject to an allowance for the cost of food if absent for more than six consecutive weeks, and a further allowance if the College re-rents the room to a student not previously resident. The applicant is not entitled to dispose of the room that she leaves vacant.

Non-Resident Students. For students living with their families in Philadelphia and the vicinity there are club-rooms in Goodhart Hall and in the Library, and such students have the 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. The non-resident infirmary fee of \$5 entitles them to medical examination and consultation with the College Physician.

EXPENSES: TUITION AND RESIDENCE

Tuition. The tuition fee for all undergraduate students, resident and non-resident, and for hearers is \$650 a year. This fee is payable on receipt of bill in October. No reduction or refund of the tuition fee can be made on account of absence, illness, dismissal, or for any other reason.

The average cost of teaching each undergraduate student is over \$1000 a year. The difference must be met from the endowment funds of the College and from private gifts. Voluntary contributions from parents able and willing to pay the additional sum or part of it, will be used for scholarships for students unable to pay the regular tuition fee.

Residence. The charge for residence is \$800, \$900, or \$1000 according to the size and location of the student's room or rooms. The residence fees are payable as follows:

\$800 — payable	500 in October,	\$300 in February
900 — payable	600 in October,	300 in February
1000 — payable	700 in October,	300 in February

Reduction of Charges for Absence from College. In case of illness or withdrawal from the College for a period of six consecutive weeks or longer there will be a reduction in the charge for residence (representing the reduced expense to the College for food), provided written notice is given to the Dean of the College and the Comptroller at the time of withdrawal, or, in the case of illness at home, as soon as possible. Verbal notice to wardens or instructors is not sufficient to secure this reduction.

Residence during Vacations. A student who wishes to remain at the College during the Christmas and spring vacations should apply to the warden of her hall for information in regard to rooms and rates. During the Christmas vacation the halls of residence are closed but individual students may make arrangements for accommodations near the college campus; these arrangements are subject

to the approval of the College. During the spring 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 spring 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 the stay. A student not going to her own home is required to inform the warden of her intention to spend the vacation elsewhere and to register her address with her warden.

Summary of Major Expenses:

For resident students, tuition and residence: \$1450, \$1550, or \$1650 according to the type of accommodation.

For non-resident students, tuition: \$650.

MINOR FEES AND CHARGES

Infirmary fee:

For non-resident students \$5.00

Laboratory courses (or, in geology, field work): for materials and apparatus:

One course of less than 4 hours a week	\$ 7.50	} a semester
One course of 4 or more hours a week	15.00	
Two courses of 4 or more hours a week	25.00	
Three courses of 4 or more hours a week	30.00	

Residence in a language house 50.00 a year

Graduation fee (payable in the senior year) . . . 20.00

Health Insurance (Students' Reimbursement Plan), optional 15.00 a year

Bills will be rendered by the Comptroller within the first few days of each semester. Students whose fees and charges are not paid before November first in the first semester and before March first in the second are not permitted to continue in residence or in attendance on their classes.

THE TUITION PLAN

Since some parents prefer to pay tuition and other college fees in equal monthly instalments during the college year, the College offers this convenience under "The Tuition Plan, Inc., New York City." The cost is four per cent greater than when payment is made in cash. If the plan of payment in equal monthly instalments is preferred, notification should be sent to the Comptroller of the College by September fifteenth. The Tuition Plan contract accompanied by the College bill will be forwarded by the Tuition Plan to parent or guardian between October first and fifteenth.

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.

Every student must register with the Comptroller at the beginning of each college year. This regulation must be complied with before 8.45 A.M. of the first day of classes.

Freshmen are asked to come into residence four days before the College is opened to all upperclassmen. They are received by the wardens of the various halls and by a committee of upper classmen. The President and the Dean of the College wish to interview new students during these first few days. The Dean of Freshmen must see all freshmen in the course of these four days to advise them on their registration. During this time also the new students are made familiar with the library, take their tests and physical examination, and become acquainted with the College.

The Dean of the College is academic adviser to all undergraduates of the three upper classes. Upperclassmen will also consult with the heads of the departments in which they elect to do their major work. Students are urged to plan their work with reference to the schedule of classes and laboratories in order to avoid any conflict of hours which might prevent them from electing courses that they need.

The Students' Association for Self-Government, of which all undergraduates are members, has jurisdiction over the conduct of the students in all matters except those which are purely academic or which affect living arrangements.

The College reserves the right to exclude at any time any student whose conduct or academic work is unsatisfactory. In such cases the fees due or already paid to the College will be neither refunded nor remitted in whole or in part.

Integrity of all work is demanded of every student. In an examination or quiz no student shall hold any communication with another student or give or receive any assistance. Printed rules governing written work are handed to all entering students; a signed certificate that they have read and understood them is required. Any infraction of these rules or any action contrary to their spirit constitutes an offense.

Regular attendance at classes is expected.

HEALTH

Every entering student is required to file at the office of the Director of Admissions, on a blank to be secured from the College, a report of a recent medical examination, filled out and signed by a physician.

The blank includes a space for a physician's certificate stating that the student has been vaccinated against smallpox during the year preceding her entrance to 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. A fee of five dollars will be charged.

There is required on the medical examination blank a statement of immunization against tetanus by toxoid and of evidence of a negative Schick test. If these have not been done the student should arrange to have these immunizations completed before admission to College. A statement to that effect signed by the examining physician must be presented at the time of entrance.

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 for which the student will be charged as a private patient by the ophthalmologist who makes the examination.

At the beginning of each year every student has a chest X-ray. These X-rays are made with paper plates, and a fee of about two dollars is charged for each. If necessary, the paper plate is checked with stereoscopic films, the fee for which is twenty dollars. Any student who has had a chest X-ray within six months preceding the opening of any year will be excused from this procedure, provided a complete report has been filed with the College before September fifteenth of the year in question.

Every undergraduate is examined each year by the Physician of the College and at intervals by the Director of Physical Education with reference to physical development and general health. All students are urged to take some out-of-door exercise in addition to their required work in Physical Education. Any student who at the time of the examination or at any time during the year is not in good health is placed on the health supervision list. She is required to follow the special regime prescribed and her extra-curricular activities may be limited.

The College Physician is in her office in the college infirmary daily and may be consulted by the students without charge. Specialists practising in Bryn Mawr and Philadelphia serve as consulting physicians to the College. The fees of the consulting physicians and surgeons and other specialists recommended by the

College will be furnished on request. The infirmary is open when college is in session and during the spring vacation. It is closed during the Christmas vacation.

The residence fee paid by each resident student entitles her to free consultation with the college physicians and to treatment in the college dispensary. It also entitles her to be cared for in the infirmary for seven 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 contagious and is not sufficiently serious to require the services of a special nurse. The fee for each day in the infirmary after the seven-day period is six dollars. In case of contagious disease the student must meet or share the expense of special nursing.

All communications concerning the health of students from parents and guardians, outside physicians and others, should be addressed to the Dean of the College. Any student who becomes ill when absent from the College is asked to notify the Dean of the College immediately and to present a signed statement from her physician when she returns.

The College reserves the right, if the parents or guardians cannot be reached, to make decisions concerning operations or other matters of health.

The College has arranged with the Connecticut General Life Insurance Company of Hartford, Connecticut, for health insurance, known as the Students' Reimbursement Plan. Under this plan individual policies are issued to the students who subscribe which provide for reimbursement, within specified limits, for the medical, surgical, and hospitalization expenses in cases of operation and prolonged illness. The cost of such a policy is fifteen dollars a year and includes protection during all vacations.

THE LIBRARY

Containing a collection of over 203,000 volumes and approximately 12,000 pamphlets the Library supplies most of the needs of the faculty and students, both graduate and undergraduate. Periodicals and serials, American and foreign, numbering more than 900, are currently received. The basic collection of books is housed in the M. Carey Thomas Library, either in the main stacks, in the West Wing built in 1940, or in the seminary rooms where are shelved those volumes most needed for graduate study. Separate libraries are maintained in Dalton Hall for Physics, Biology, and Mathematics, and in Park Hall for Geology and Chemistry. There are small collections of books in the various halls of residence including the "language houses", most of these being duplicates of the books in the Reserve Book Room in the Main Library. The Quita Woodward Memorial Room, designed like a private library, houses new books and the standard authors for leisure-time reading. The Rare Book Room, where a variety of exhibitions are displayed throughout the year, has about 1,000 volumes, incunabula, fine press books, rare editions and manuscripts.

The Library is open for study from 8 A.M. until 10 P.M. every day of the week, and from 9 A.M. until 10 P.M. on Sunday. It provides seating capacity for about one third of the student body, and with the open-shelf system, free access to the stacks is permitted to every registered student. The student also have the privilege of using the Library of nearby Haverford College, this use being facilitated by the inclusion of duplicate Haverford "author cards" in the Bryn Mawr Library catalogue.

The libraries in Philadelphia are generous in making their large resources available to students. The Philadelphia Bibliographical Centre and Union Library Catalogue located at the University of Pennsylvania make it possible to locate easily the material available in approximately one hundred and fifty libraries in the Philadelphia metropolitan area.

CURRICULUM

Major courses of study are offered in Biology, Chemistry, Classical Archæology, Economics and Politics, English, French, Geology, German, Greek, History, History of Art, Italian, Latin, Mathematics, Philosophy, Physics, Psychology, Sociology and Social Economy, and Spanish. Elective courses are offered in Education, the History of Religion, Music, and Russian, as well as in the major departments.

Every candidate for the degree of Bachelor of Arts chooses in the spring of her sophomore year a major subject of study. This is combined with work in allied subjects. The object of this system is to give to the student the thorough training in method and the familiarity with the literature of a subject which constitute the necessary foundation for work of an advanced character. The discipline thus provided by continuity of training is an advantage in any field of activity, and for the student who intends to pursue graduate study and research in her chosen field the groundwork is laid.

Candidates for the degree must include also four courses considered important for a liberal education and required of everyone: Freshman English Composition, the History of Philosophic Thought, one course in one of the sciences, and one course in literature.

Fourteen and one-half courses comprise the undergraduate curriculum. (For definition of course, see p. 37.) For the first three years the usual course load is four, but four and a half courses may be taken with special permission by students whose work is satisfactory. During the senior year, two and a half or three courses are usually taken, together with the unit of work done in preparation for the final examinations.

Preparation for a Final Examination in the major field requires the student to review and correlate the material covered in her major courses and (where it seems desirable) in allied courses, and to carry on independent reading selected to round out her knowledge of her field as a whole, thus giving her a deeper insight into fundamental principles and general concepts. In part of the examination emphasis is laid upon a broad general knowledge of the subject. The student is expected to devote approximately ten hours a week for one year to the preparation for this examination. Most of this preparation is done in the senior year but part may be done, on the advice of the department, during the preceding summer or in the junior year. With the approval of the major department one-third of this preparation may be devoted to an allied subject and one part of the examination may be set by an allied department.

Honors work is of a more advanced character than that done in the regular courses and requires greater initiative and power of organization than is usually expected of undergraduate students. No student may elect to work for honors without the recommendation of her department and the approval of the Committee on the Curriculum. Reports giving to the student an opportunity to test her ability in the selection and interpretation of source-material are usually required. These special studies may be carried on in connection with an Advanced course or they may be planned for individual students. Such work may be undertaken only after the completion of two years of study in the major subject.

The Plan for Co-ordination in the Teaching of the Sciences offers special training in borderline subjects. A gift from the Carnegie Corporation enables the College to award scholarships to qualified students in such fields as biophysics, geophysics, and geochemistry. As such work demands a thorough knowledge of the fundamentals of at least two sciences, it is often impossible for students to include all the desired courses in four undergraduate years; these scholarships are intended primarily to provide for an additional year (mainly in the Undergraduate School) so that the student may be ready, at the end of five years, to begin graduate work in her chosen correlated fields. Students entering Bryn Mawr who wish to work in science should consider the advantages of this plan and should consult with the heads of the departments in which their special interests lie as early in their college career as possible. In addition to the sum allotted to scholarships part of the annual income from the Carnegie fund is set aside for special courses in related subjects. These courses vary from year to year with the needs and interests of the students in science.

Students who have completed the major courses of study in Biology or in Chemistry fulfill the subject requirements for admission to the leading medical schools of the United States. The minimal premedical requirements are met by completing the following courses: Biology 101, Biology 201, Chemistry 101, Chemistry 202, Mathematics 101, Physics 101. Additional work in Biology and Chemistry is recommended, and can be obtained by completing the major subject requirements in either department with allied work in the one not chosen as the major.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

Every candidate for the degree of Bachelor of Arts, unless she is a transfer student or is permitted to accelerate her program must attend Bryn Mawr College for a period of four years. Students admitted on transfer from other colleges must study at Bryn Mawr for at least two years. The minimum number of courses for the A.B. degree is fourteen and one-half. A course is normally one-quarter of a student's working time for one year, or approximately ten hours of work a week, including class meetings. When it is necessary to express *courses* in terms of *semester hours*, one course is considered equivalent to eight semester hours (until 1944-45 the term "unit" was used instead of "course"). Numerical grades on the scale of 100 are given in all courses counting for the degree. The student must attain a grade of 70 or above in at least half of these courses and a grade of at least 60 in the remainder. In the courses in her major subject she must maintain an average of at least 70, and should she receive a grade below 70 in a Second Year or Advanced course in her major subject she may be required to change her major. She must pass a final examination in her major subject. She must have a reading knowledge of two modern foreign languages (usually French and German), must pass a Hygiene examination, and must fulfill the requirements of the Department of Physical Education.

Every candidate must pursue the following course of studies:

Required Courses:

- (1) *English Composition.* This course is supplemented by work in English Speech, consisting of practice speaking and individual conferences which must be completed before the end of the Sophomore year.
- (2) *Literature.* English, Greek, Latin, or the English Bible. A student majoring in Greek must take a course in Latin or English approved by the Department of Greek. A student majoring in Latin must take a course in Greek or English approved by the Department of Latin. A student majoring in English must take a course in Greek or Latin approved by the Department of English.
- (3) *Science.* Biology, Chemistry, Geology, or Physics. A student majoring in one of the sciences must substitute for this requirement a course in Archæology, History, History of Art, Economics, Music, Politics, or Psychology.
- (4) *Philosophy.* The History of Philosophic Thought. A student majoring in Philosophy must substitute for this requirement a course in Elementary Greek, Psychology or Mathematics.

Major Subject and Allied Subjects: This consists of six courses and preparation for a final examination. A student must take at least three courses in her major subject (many departments

require four): one First Year course; one or two Second Year courses; one Advanced course. She must take enough courses in allied subjects to bring the total to six. *A Final Examination in the Major Field* must be taken by all candidates for the degree.

Free Elective Courses: Four and one-half courses are chosen freely by the student, the only limitations being the prerequisites of the courses selected.

Physical Education: During the first two years in college all students are required to take part in work organized by the Department of Physical Education. No student will be allowed to register for junior year who has not completed the requirement. Special exception may be granted by the Dean of the College in cases of prolonged illness or for transfer students.

Hygiene: All students are required to take at the beginning of their second year an examination based upon reading assigned by the College Physician. Students will not be allowed to register for the senior year unless they have satisfactorily passed the examination in Hygiene. This work does not count as any fraction of the total number of courses required for the degree.

Reading Knowledge of Two Foreign Languages: This is required of all students. They are generally advised to offer French and German since a knowledge of these languages is useful in the work of all departments; but for French or German (not both) a student may substitute Spanish, Italian, Russian, or some other European language if her choice is approved by the department in which she does her major work. The language examinations may be taken in any autumn or spring after entrance, up to the beginning of the senior year. But no student may take a second examination in the same language in the same academic year unless she satisfies the Dean of the College and the Chairman of the Language Examination Committee that she has made a serious effort to prepare for it. A senior who fails either examination or is conditioned in both in the autumn will not receive her degree the following June. If having passed one examination she is conditioned in the other, she may take a second examination in January. Credit towards the degree is not given to seniors for any course taken in preparation for this examination. Students are urged to fulfill this requirement as early as possible in their college career in order to make use of their knowledge of languages in their other work.

The studies required for the degree may be summarized as follows:

English Composition	One course
Physics, Chemistry, Geology, or Biology	One course
English, Greek, Latin, or the English Bible	One course
Philosophy	One course
Major and Allied Subjects	Six courses
Free Electives	Four and one-half courses.

Advanced Standing. In order to free more time for studies of a more advanced character, students are permitted to take examinations in certain subjects without attending classes in college. These subjects are elementary Greek, French, German, Italian, and Spanish; Trigonometry; and Solid Geometry. Examinations for advanced standing must be taken not later than the beginning of the junior year unless the student's major department recommends a later date. Students wishing to take examinations for advanced standing in subjects other than those listed above must present requests to the Dean of the College, who will consult with the Committee on the Curriculum and with the departments concerned. Students who furnish proof of the possession of a thorough knowledge of French, German, Spanish or Latin may take (but only during the first three weeks after entering College) examinations for advanced standing in these languages.

Co-operation with Neighboring Institutions. Bryn Mawr College co-operates with the University of Pennsylvania, Haverford College, and Swarthmore College in a plan which, while preserving the individual qualities and complete autonomy of each institution, provides an efficient and economical service by co-ordinating the facilities of the four institutions. Full time students of any of the four may, with the approval of the Dean, take any courses desired at any of the other three without additional expense. Full academic credit is granted for such work by the institution in which the student is enrolled.

Summer School Work. Students desirous of supplementing their work at Bryn Mawr by taking courses in summer school are encouraged to do so. No credit will ever be given for work in which the student has received a grade below C. Students will not, however, obtain academic credit at Bryn Mawr for work done in summer school except for the following reasons: 1, if the credit is needed for the Bryn Mawr A.B. degree (e.g., to make up credit lost through illness or absence from college); 2, if the course taken is one which is recommended by the major department as a part of the plan of major work. A student who needs to secure credit for work to be done in summer school should first consult the Dean and secure her preliminary written approval of the plan, after which the plan must be approved in detail by the department or departments concerned. Credit given for such work will be calculated on an hour-for-hour basis.

The Degree of Bachelor of Arts is conferred upon students who have completed the course of study outlined above. The degree is awarded *cum laude*, *magna cum laude*, and *summa cum laude* to students whose numerical average grade on all their courses is, respectively, 80-84, 85-89, and 90 or above. To students who have completed honors work in their major subject the degree is awarded with distinction in that subject.

COURSES OF STUDY

1948-49

Credit is generally given in full-year courses only when the work of both semesters is completed. In certain courses, however, credit may be given for one semester's work, but only with the permission of the Dean of the College and the department concerned. A few courses carry additional credit, indicated by the number "1½". Pre-requisites in other departments than the major course of study are indicated in the description of the individual courses.

KEY TO COURSE NUMBERS AND SYMBOLS

- 1, 2, etc. elementary courses and required courses which are not part of the major work.
- 101, 102, etc. . . . indicate first year courses in major work.
- 201, 202, etc. . . . indicate second year courses in major work.
- 301, 302, etc. . . . indicate advanced courses in major work.
- * indicates elective courses, numbered in accordance with the year in which they are generally taken, e.g. 201*.
- "a" the letter "a", following a number, indicates a half-course given in the first semester.
- "b" the letter "b", following a number, indicates a half-course given in the second semester.
- "c" the letter "c", following a number, indicates a half-course given two hours a week throughout the year.
- [] Square brackets enclosing the titles of courses indicate that, though regular parts of the program, they are not given in the current year.

Biology

ASSOCIATE PROFESSORS:	MARY SUMMERFIELD GARDINER, Ph.D. L. JOE BERRY, Ph.D. ¹ JANE MARION OPPENHEIMER, Ph.D.
ASSISTANT PROFESSOR:	WILLIAM E. NORRIS, JR., Ph.D.
DEMONSTRATORS:	EVELYN A. SCLUFER, A.B. MARY R. DAY, A.B. BERNICE PORTEOUS, M.A.

Students majoring in Biology are required to take the first year course, both second year courses, and one advanced course; and, as allied subjects, General Chemistry and Elementary Organic Chemistry. The following courses are strongly recommended and are

¹ On leave of absence for the year 1948-49.

required for admission to most medical schools: Physics 101, Mathematics 101, and Chemistry 201. The course in Botany at Haverford College is open to Bryn Mawr students who have had Biology 101, and may be counted as elective work.

Allied subjects: Chemistry, Physics, and certain others with the approval of the department.

101. *General Biology*: Dr. Gardiner and Dr. Oppenheimer.

An introduction to biological problems and theories through a study of typical plants and animals. About one fifth of the year is spent on the embryology of the frog and the chick. Three lectures, four hours laboratory a week.

201. *Comparative Zoology*: Dr. Oppenheimer and Dr. Gardiner.

A study of the comparative anatomy of vertebrates and invertebrates. Three lectures, four hours laboratory a week.

202. *General Physiology*: Dr. Norris.

A comprehensive survey of general and vertebrate physiology. Three lectures, five hours laboratory a week. Prerequisites: Chemistry 101, Chemistry 202 (This may be taken concurrently).

301a. *Microscopic Anatomy*: Dr. Gardiner.

302b. *Genetics*: Dr. Gardiner.

303. *Embryology*: Dr. Oppenheimer.

Embryology of the vertebrates with consideration of theoretical questions of embryological interest. Two lectures, six hours (minimum) laboratory a week.

[304. *Bacteriology*: Dr. Berry.]

305. *Biochemistry*: Dr. Norris.

The chemistry of living organisms with special emphasis on the chemical principles in physiological phenomena. Two lectures, six hours (minimum) laboratory a week. Physics 101 is recommended as preparation for this course.

[306. *Biophysics*: Dr. Berry.]

[307. *The Development of Scientific Thought*: Dr. Wyckoff, Dr. Oppenheimer.

(Interdepartmental Course 203. See page 72.)

308. *Fundamentals of Systematics*.

Offered at the Academy of Natural Sciences. One hour of lecture; four hours laboratory a week (Saturday mornings). A survey of the scope and methods of taxonomy, with a consideration of the mechanisms of speciation.

FINAL EXAMINATION

The final examination for students majoring in biology is in three parts:

1. General Biology (required of all students).
2. Two examinations offered from the following group (except in the case of Honors students as provided for in the General Plan):

- a. Microscopic Anatomy
 - b. Embryology
 - c. Genetics
 - d. Bacteriology
 - e. Physiology
Biochemistry
 - f. Introductory Biophysics
 - f. History of Biology
3. As an alternate, the student may substitute for one of the subjects under Group 2 an examination in Chemistry or Physics covering at least two years of work in the subject.

HONORS WORK

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

Chemistry

PROFESSOR:	JAMES LLEWELLYN CRENSHAW, Ph.D.
ASSOCIATE PROFESSORS:	MARSHALL DEMOTTE GATES, JR., Ph.D. ERNST BERLINER, Ph.D.
INSTRUCTOR:	EDITH HAMILTON LANMAN, M.A.
DEMONSTRATORS:	FRANCES BONDHUS BERLINER, Ph.D. GRACE PETERS ¹

Students majoring in Chemistry are required to take the first year course, both second year courses, and one advanced course. One year of Physics and Mathematics 101a and 101b are also required. Allied subjects: Biology, Geology, Mathematics, Physics.

101. *Introduction to General Chemistry* (first semester): *Qualitative Analysis and the Chemistry of the Metals* (second semester): Dr. Crenshaw, Dr. Berliner, Miss Lanman.

The first semester's work does not presuppose any knowledge of chemistry. Students who have had chemistry in school are given special laboratory work. Three lectures, four hours laboratory a week.

- 201a. *Quantitative Analysis* (first semester): Miss Lanman.
One lecture, eight hours laboratory a week.

- 201b. *Elementary Physical Chemistry* (second semester): Dr. Crenshaw.

Two lectures, five hours laboratory a week. Prerequisite: one year of school physics or the first semester of Physics 101.

202. *Organic Chemistry*: Dr. Gates, Dr. Berliner.
Three lectures, five hours laboratory.

301. *Advanced Physical Chemistry*: Dr. Crenshaw.

First semester: elementary thermodynamics. Second semester: chemical kinetics. Two lectures, eight hours laboratory. Prerequisite: Mathematics 101. Credit 1½.

¹ A.B. to be conferred June, 1948.

302. *Advanced Organic Chemistry*: Dr. Gates, Dr. Berliner.

Lectures: theories and fundamental principles of organic chemistry. Laboratory: (first semester) organic qualitative analysis; (second semester) advanced synthesis and organic quantitative analysis. Two lectures, eight hours laboratory. Credit: 1½.

303. *Advanced Inorganic Analysis*: Miss Lanman.

One lecture, eight hours laboratory. By special arrangement this course may be taken for one and a half credits.

FINAL EXAMINATION

The final examination consists of three parts:

1. General Chemistry (required of all students).
2. At least *one* examination from the following group:
 - a. Analytical Chemistry
 - b. Organic Chemistry
 - c. Physical Chemistry
3. If only one examination is offered from Group 2, one of the following must be offered:
 - a. Laboratory examination
 - b. An examination in an allied subject.

HONORS WORK

Honors work may be taken in conjunction with any of the advanced courses or after their completion.

Classical Archaeology

PROFESSORS:	RHYS CARPENTER, Ph.D., Litt.D. MARY HAMILTON SWINDLER, Ph.D., LL.D.
LECTURER:	Appointment to be announced.
CURATOR OF SLIDES AND PHOTOGRAPHS:	HENRIETTA HUFF LANDES, A.B.

ASSISTANT PROFESSOR OF ANTHROPOLOGY:	FREDERICA DE LAGUNA, Ph.D.
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Students majoring in Classical Archæology are required to take the first year course, the second year courses 201a and 201b, and the advanced courses. Courses 202a, 202b, and 203 are electives.

Allied subjects: Ancient History, Greek, History of Art, Latin, and Anthropology.

101. *Ancient Sculpture*: Dr. Swindler and Dr. Carpenter.
 201a. *Egyptian and Mesopotamian Archæology*: Dr. Carpenter.
 201b. *Aegean Archæology*: Dr. Swindler.
 202a.* *Ancient Italy*: Dr. Carpenter.
 202b.* *Cultural Geography of the Mediterranean*: Dr. Carpenter.
 203.* *American Archæology*: Dr. de Laguna.

Anthropology 102 (see page 69) is recommended as a preliminary to this course.

- 301a. *Ancient Painting*: Dr. Swindler.
 301b. *Ancient Architecture*: Dr. Carpenter.

FINAL EXAMINATION

The final examination for students majoring in classical archæology is in three parts:

1. Three examinations chosen by the student from the following group of four fields:
 - a. Greek Sculpture
 - b. Greek Vase-Painting
 - c. Ancient Architecture
 - d. Mediterranean Archæology.
2. Alternate: In lieu of the third examination in archæology from Group 1 students who have completed by the end of their junior year two units in Greek, Latin, or History of Art, may offer a field of these allied subjects.

HONORS WORK

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

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

1st Semester Courses.

Greek Sculpture: Dr. Carpenter.

Vase Painting: Dr. Swindler.

Preparation for the final examination for Honors in Classical Archæology.

2nd Semester Courses.

Agean Archæology: Dr. Swindler.

Greek and Roman Architecture: Dr. Carpenter.

Preparation for the final examination for Honors in Classical Archæology through detailed problems in the reconstruction of classical buildings on excavated sites.

Economics and Politics

PROFESSOR:	ROGER HEWES WELLS, Ph.D.
ASSOCIATE PROFESSORS:	MILDRED BENEDICT NORTHROP, Ph.D. JOSHUA C. HUBBARD, Ph.D.
ASSISTANT PROFESSOR:	PETER BACHRACH, M.A.
LECTURER:	Appointment to be announced
ASSISTANTS:	JOSEPHINE YAGER KING, M.A. KATHLEEN DOWNING, A.B.

PROFESSOR OF ENGLISH AND OF POLITICAL THEORY:	K. LAURENCE STAPLETON, A.B.
PROFESSOR OF SOCIAL ECONOMY	FLORENCE PETERSON, M.A.
ASSOCIATE PROFESSOR OF MATHEMATICS:	MARGUERITE LEHR, Ph.D.
ASSOCIATE PROFESSOR OF PHILOSOPHY:	ISABEL STEARNS, Ph.D.

Students in this department may major in either Economics or Politics. Students majoring in Economics are required to take the first year course, two full second year courses, and the advanced course. They are urged to take Economics 213 (Statistics), which will count as part of their major work. They are normally expected to take some work in Politics as an allied subject. Students majoring in Politics are required to take the two first year half-unit courses, one second year course, and a third year course. They are required to take Economics 101 as an allied subject.

Allied subjects for Economics: Politics, History, Philosophy, Psychology, Sociology and Anthropology, Mathematics.

Allied subjects for Politics: Economics, History, Philosophy, Psychology, Sociology and Anthropology, and, with the permission of the Department, modern foreign language or literature.

ECONOMICS

101. *Introduction to Economics*: Dr. Hubbard.
 201. *Industrial Organization*: Dr. Northrop.
 202a. *Money and Banking*: Dr. Hubbard.
 202b. *Public Finance and Fiscal Policy*: Dr. Hubbard.
 203. *The Labor Movement and Labor Policy*: Miss Peterson.
 [204. *Statistics*: Dr. Lehr.]
 [History 203. *Economic and Social History*: Dr. Manning, Dr. Robbins. See History, page 56.]
 301a. *International Economics and Foreign Policy*: Dr. Wilcox and members of the Economics and Politics Department. This course must be taken by all Seniors majoring in Economics or Politics.
 301b. *Full Employment*: Dr. Northrop.
 Geology 305b. *Geography*: Dr. Wyckoff and members of the Economics and Politics Department. This course may be counted as part of the major or allied work in either Economics or Politics. See Geology, page 52.

POLITICS

- 111a. *American Government*: Mr. Bachrach.
 111b. *European Governments: Britain and the Soviet Union*: Dr. Wells.
 211. *The Theory and Practice of Democracy*: Dr. Wells, Miss Stapleton, Dr. Stearns, Dr. Hubbard. See Interdepartmental Course 211, page 72.
 [212a. *Eastern Europe*: Dr. Wells.]
 213a. *International Relations*: Mr. Bachrach.
 213b. *History of Western Political Thought*: Mr. Bachrach.
 214a. *Political Parties*: Dr. Wells.
 [214b. *American Foreign Policy*: Mr. Bachrach.]

[312a. *Public Administration:* Dr. Wells.]

313b. *Reconstruction in Western Europe.* Dr. Wells.

FINAL EXAMINATION

The final examination for students majoring in Economics is in three parts:

1. An examination in general economic principles and problems.
2. An examination in Economic Theory.
3. An examination in one of the following:
 - a. Money and Banking, including Fiscal Policy
 - b. Industrial Organization
 - c. International Economics
 - d. The Business Cycle and Full Employment
 - e. Labor Economics including Wages and Wage Theory.

The final examination for students majoring in Politics will consist of three three-hour papers each based upon a field of the major subject.

With the permission of the major and allied departments, one of the papers in Economics or in Politics may deal with an allied subject.

HONORS WORK

One unit of honors work may be taken by students recommended by the department.

Education

This Department is supported in part by funds from the Phebe Ann Thorne Endowment

PRESIDENT OF THE COLLEGE:

KATHARINE ELIZABETH MCBRIDE, Ph.D., LL.D., L.H.D.

ASSISTANT PROFESSOR:

RACHEL DUNAWAY COX, Ph.D.

ASSISTANT IN EDUCATIONAL SERVICE:

Appointment to be announced.

Instruction offered in Education is not organized on the scale of a regularly constituted department; there is no major work in the subject.

The Department of Education maintains a psychological and educational service, under the direction of Dr. Cox. This clinic serves school children of the vicinity and is called on by social agencies, physicians and psychiatrists. A separate building on the college grounds has been set aside for this work, with rooms equipped for the individual examination of pupils and for remedial teaching.

The Berkley Nursery School of Haverford, directed by Madeleine H. Appel and Amanda B. Stadie, is affiliated with Bryn Mawr College. It offers facilities for participation and observation to graduate and undergraduate students.

Courses 101b and 201a are accepted in partial fulfilment of State requirements for teachers.

[101b.* *Principles of Education*: President McBride.]

201a.* *Educational Psychology*: President McBride and Dr. Cox.

Prerequisite: Psychology 101.

[202a.* *Child Psychology*: President McBride and Dr. Cox.]

Prerequisite: Psychology 101.

English

PROFESSORS:	SAMUEL CLAGGETT CHEW, Ph.D. ¹ STEPHEN JOSEPH HERBEN, Ph.D. CORNELIA LYNDE MEIGS, A.B. K. LAURENCE STAPLETON, A.B. ²
ASSOCIATE PROFESSORS:	ARTHUR COLBY SPRAGUE, Ph.D. MARY KATHARINE WOODWORTH, Ph.D. ¹ FREDERICK WAKEFIELD THON, M.F.A.
ASSISTANT PROFESSOR:	BETTINA LINN, M.A.
INSTRUCTORS:	MILDRED TONGE BROWN, Ph.D. DEBORAH SANDS AUSTIN, M.A. Appointments to be announced.
PROFESSOR OF GREEK:	RICHMOND LATTIMORE, Ph.D.

Students majoring in English are expected to offer Greek or Latin for the required work in Literature, but in exceptional cases they may, with the approval of the department, substitute the course in Greek Literature in Translation. They must take English 101 unless they have obtained a grade of 80 or better in English 1 and have the recommendation of the department to enter a second year course. They must complete four second year and advanced courses in English Literature, of which at least one should be an advanced course. Students who wish to specialize in the field of Old and Middle English must take some courses in later periods, and those specializing in modern literature must take English 201 or, in exceptional cases, certain other courses approved by the department. Credit will not be given for a single semester's work in full-year courses unless the Dean of the College recommends, and the department approves, that an exception be made.

A student majoring in English is expected to take at least two courses in allied subjects: any other language or literature, History, History of Art, History of Religion, Music, and Philosophy. Any second year or advanced writing course may be substituted for one unit of allied work.

COMPOSITION

1. *English Composition*: Dr. Woodworth, Miss Meigs, Miss Linn, Dr. Brown, Miss Austin and instructors to be announced.

A study of the forms of composition based upon reading in modern prose and poetry. This course must be taken by all

¹ On leave of absence for the second semester.

² On leave of absence for the first semester.

freshmen, unless excused by the Dean of Freshmen, and by transfer students who have not had a comparable course.

2. *English Speech*: Mr. Thon.

Training by means of voice-recordings, motion pictures, practice speaking, and individual conferences. This course carries no credit but must be taken by all freshmen and by transfer students who have not had a comparable course. It must be passed before the end of the Sophomore year.

209.* *Experimental Writing*: Instructor to be announced.

Practice in various forms of writing.

209a.* *Prose Writing*: Miss Linn.

Practice in various forms, excluding fiction and with emphasis on exposition and description.

210a.* *Playwriting and Production*: Mr. Thon.

Writing of an adaptation and an original one-act play. Production of selected scripts and training in theatre arts.

210b.* *Advanced Playwriting and Production*: Mr. Thon.

Writing of a full-length play and preparation of its production book. Prerequisite: consent of the instructor required.

306 and 306c.* *Advanced Writing*: Miss Meigs.

Prerequisite: English 209c.

LANGUAGE

211b.* *History of the English Language*: Dr. Herben.

LITERATURE

101. *Survey of English Literature*: Dr. Herben.

From the beginnings to the middle of the Eighteenth Century.

Literary History of the Bible: Dr. Chew and Dr. A. L. Michels.

See History of Religion 103 a and b, page 59.

201. *English Literature of the Middle Ages*: Dr. Herben.

The emphasis is upon Chaucer and his contemporaries. Sufficient instruction is given in Middle English to enable the student to read ordinary texts.

202. *Shakespeare*: Dr. Sprague.

All the plays are read and one or two studied in detail.

[203. *The Romantic Period*: Dr. Chew.]

Attention is centered upon the poets.

204. *The Victorian Period*: Dr. Chew and Miss Austin.

205. *Representative English Novelists*: Miss Linn.

Prerequisite: The reading of two novels by each of the following: Charlotte Brontë, Dickens, Thackeray, George Eliot, Meredith.

206a. *English Drama from the Restoration to Robertson*: Dr. Sprague.

206b. *Modern English Drama*: Dr. Sprague.

The drama from 1865 to the present day.

- [207. *English and American Literature of the Last Half-Century:* Dr. Woodworth.]
Attention is paid to earlier movements but the emphasis is upon contemporary tendencies.
208. *American Literature:* Miss Meigs.
- [211c.* *English Verse Composition:* Dr. Lattimore.]
Original verse composition, with a study of the principles of form.
- 212a. *The Eighteenth Century (The Age of Johnson):* Dr. Woodworth.
- [301. *Old English Literature:* Dr. Herben.]
After some training in Old English grammar, selections from prose and poetry are read, followed by the *Beowulf*.
- [302a. *The Drama from the Beginnings to 1642:* Dr. Sprague.]
- [303. *English Poetry from Spenser to Donne:* Dr. Sprague.]
The principal poets studied are Spenser, Sidney, Daniel, Drayton, Shakespeare (the narrative poems and the sonnets), Ben Jonson, and Donne.
- [304. *The Seventeenth Century:* Miss Stapleton.]
About a third of the time is devoted to Milton, and special attention is given to the influence of the political and scientific movements of the period.
- 304b. *Seventeenth Century Prose and Poetry:* Miss Stapleton.
Donne, Bacon, Jonson, Browne, Taylor, and Dryden are among the writers studied. The work of Milton is not included in this course.
- [305. *The Eighteenth Century:* Dr. Woodworth.]
The Age of Pope and Swift; the Rise of the Novel; Dr. Johnson and his Circle.

FINAL EXAMINATION

The final examination is in three parts:

1. Literary criticism, literary genres, and problems of style. Based upon the reading of certain critical works of fundamental importance. Each student is expected to draw illustrative material from the fields in which she has elected to work.
2. An examination in one of the following periods. The student must choose a period other than that which embraces her field of concentration.
 - a. The Middle Ages (to 1500)
 - b. The Renaissance (1500-1660)
 - c. Neo-classicism and Romanticism (1660-1832)
 - d. The Nineteenth and Twentieth Centuries (English or English and American).
3. An examination in one of the following fields of concentration: Old English; Middle English; The Drama to 1642;

Elizabethan Literature, non-dramatic; The Seventeenth Century; The Eighteenth Century; Romanticism; Victorian Literature; The Novel; The Drama from 1660 to the Present Time; English and American Literature, 1890-1939; American Literature.

For one of the fields of the second examination an examination in an allied subject may be substituted. This subject should be related to the field of English Literature which has been chosen for intensive study.

HONORS WORK

In the senior year honors work, consisting of independent reading, reports, and conferences, is offered to students of marked ability whose major subject is English.

French

PROFESSOR:	MARGARET GILMAN, Ph.D.
NON-RESIDENT PROFESSOR:	GRACE FRANK, A.B.
ASSOCIATE PROFESSORS:	GERMAINE BRÉE, <i>Agrégée de l'Université</i> BERTHE MARIE MARTI, Ph.D.
INSTRUCTOR:	KERNAN B. WHITWORTH, M.A.

Appointment to be announced.

Students majoring in French are required to take the first and second year courses and two advanced literature courses.

Allied subjects: any other language or literature, History, History of Art, Music, Philosophy, Economics, Politics.

1. *Elementary French*: Mr. Whitworth.
2. *Intermediate French*: Mr. Whitworth and instructor to be announced.
101. *French Literature from the Chanson de Roland to 1715: Practical Exercises in the French Language*: Dr. Gilman, Miss Brée, Mr. Whitworth.
201. *French Literature from 1715 to 1900*: Dr. Gilman, Miss Brée.
- 202c. *Composition and Diction*: Miss Brée, Mr. Whitworth.
301. *Introduction to Medieval French Literature and Philology*: Dr. Marti.
- [302. *French Literature of the Sixteenth Century*: Instructor to be announced.]
- [303. *French Literature of the Seventeenth Century*: Miss Brée.]
- [304. *The Modern French Novel*: Miss Brée.]
305. *French Poetry from Baudelaire to the Present Day*: Dr. Gilman.
- [306. *Modern French Drama*: Instructor to be announced.]
- 307c. *Advanced Training in the French Language*: Miss Brée and instructor to be announced.

JUNIOR YEAR ABROAD

Students majoring in French may by a joint recommendation of the Dean of the College and the Department of French be allowed to spend their Junior year in Paris under the Junior Year in France Plan, now under the auspices of Sweet Briar College.

FINAL EXAMINATION

The final examination is in three parts:

1. An oral examination to test the student's use of the French language.
2. A three-hour written examination on a period of French literature.
3. A three-hour written examination on the development of a literary genre through French literature.

HONORS WORK

On the recommendation of the department, students in their senior year will be admitted to honors work consisting of independent reading, reports and conferences.

Geology

PROFESSORS:	EDWARD H. WATSON, Ph.D. LINCOLN DRYDEN, Ph.D.
ASSOCIATE PROFESSOR:	DOROTHY WYCKOFF, Ph.D.
DEMONSTRATOR:	CHI SHANG CH'IH, M.A.
	Appointment to be announced.

Students majoring in Geology are required to take the first year course (101a and 101b), the two second year courses, and one advanced course.

Allied subjects: Biology, Chemistry, Physics, and, in special cases, other subjects.

101a. *Physical Geology*: Dr. Watson and demonstrators.

A study of the atmosphere, weathering, stream action, oceans, glaciers, earthquakes, and volcanoes, and of the structures to which they give rise. Three lectures, two afternoons of laboratory or field work a week.

101b. *Historical Geology*: Dr. Dryden and demonstrators.

The physical and biological development of the earth to the beginnings of historical times. Three lectures, two afternoons of laboratory or field work a week.

[201. *Mineralogy*: Dr. Watson.]

Crystallography, descriptive and determinative mineralogy, and elementary economic geology. Three lectures, two afternoons of laboratory or field work a week.

202. *Paleontology*: Dr. Dryden.

A systematic survey of animal phyla with special reference to their stratigraphic significance. Three lectures, one afternoon of laboratory a week.

301. *Structural and Field Geology*: Dr. Watson.

The origin and analysis of the structures of igneous, sedimentary, and metamorphic rocks, and geological surveying. Three lectures, two afternoons of field work or laboratory a week.

[302. *Stratigraphy*: Dr. Dryden.]

A survey of the stratigraphy of selected regions in Europe and North America, and study of special problems of correlation and interpretation. Three lectures, one afternoon of laboratory a week.

303. *Optical Mineralogy* (first semester) and *Petrology* (second semester). Dr. Wyckoff.

The optical properties of minerals and the use of the petrographic microscope. Discussion of the origin and differentiation of igneous rocks. Two lectures, about twelve hours of laboratory a week. Credit: 1½ units.

[304.* *Cartography*: Dr. Watson, Dr. Wyckoff.]

Field surveying, drafting, photogrammetry, elementary geomorphology, and general cartography. Open to students without previous work in geology. Two lectures, two afternoons of laboratory a week.

305b. *Geography*: Dr. Wyckoff.

Discussion of geographic factors such as climate, soils, vegetation, land forms and mineral resources. General principles of economic and political geography. Three lectures, one afternoon of laboratory a week.

[306.* *The Development of Scientific Thought*: Dr. Wyckoff, Dr. Oppenheimer.]

(See Interdepartmental Course 203, page 72.)

FINAL EXAMINATION

The final examination for students majoring in geology is in three parts:

1. An examination in general geology (required of all students).
2. An examination in *one* of the following fields:
 - a. Crystallography, crystal structure, crystal optics
 - b. Optical mineralogy, petrographic methods, petrology
 - c. Structural geology, field methods
 - d. Paleontology, stratigraphy, physiography
 - e. Crystallography and mineralogy.
3. *One* of the following:
 - a. An examination in a second field of geological study in Group 2
 - b. A general examination in an allied field approved by the department

- c. A written report on the results of a special piece of field or laboratory work.

HONORS WORK

Honors work in any of the advanced fields is offered to any student who has completed the first two years in geology with distinction.

German

PROFESSORS:	MAX DIEZ, Ph.D. FRITZ MEZGER, Ph.D.
ASSOCIATE PROFESSOR:	MYRA RICHARDS JESSEN, Ph.D.
INSTRUCTORS:	MARTHA MEYSENBURG DIEZ, M.A. HILDE D. COHN, Ph.D.

Students majoring in German should take four courses above the elementary level: of these at least one should be advanced. To improve their command of spoken German a summer in Zurich or at the German School of Middlebury College is strongly recommended.

Allied subjects: History 101 (strongly recommended), 203, 204, 205, 301; any language or literature; History of Art 202, 203, 301, 303; Music 101, 201, 301c; and Philosophy 201a and 301a.

1. *Elementary German (Reading)*: Dr. Diez, Dr. Jessen, Mrs. Diez, Dr. Cohn.
2. *Elementary German (Reading and Speaking)*: Dr. and Mrs. Diez, Dr. Cohn.

Five class meetings a week. Credit: one and a half units.

- 101c. *Intermediate Training in German.*
 102. *Introduction to German Literature*: Dr. Diez.
 201. *German Life in Town and Country*: Dr. Jessen.
 Oral and written discussion of readings on German life.
 202. *The Age of Goethe*: Dr. Diez.
 [203.* *Language and Civilization*: Dr. Mezger.]
 [301. *Advanced Training in Translation*: Dr. Diez.]
 [302. *History of German Civilization*: Dr. Diez.]
 303. *Classics of the Nineteenth Century*: Dr. Jessen.
 [304. *German Literature from 1850 to 1935*: Dr. Mezger.]
 305. *Introduction to German Philology*: Dr. Mezger.
 a. *History of the German Language*, or
 b. *Old High German and Middle High German Literature.*
 306. *The German "Novelle"*: Dr. Jessen.
 307. *German Drama*: Dr. Jessen.

JUNIOR YEAR ABROAD

Students of unusual ability may be recommended for the Junior Year in Zurich under the direction of the American Council on College Study in Switzerland.

FINAL EXAMINATION

The final examination for students majoring in German consists of three papers:

1. An examination in German on the literature and civilization of Germany.
2. One of the following:
 - a. History of the German Language
 - b. The German Drama
 - c. German Poetry
 - d. The German Novel
 - e. European History
 - f. History of German Art
 - g. History of German Music
3. One of the following:
 - a. Middle High German Literature
 - b. The Classical Period 1750-1805
 - c. German Romanticism from Novalis to Nietzsche
 - d. The Age of Realism 1830-1885
 - e. The Modern Period 1885-1930
 - f. An allied subject if none has been offered under Group 2.

HONORS WORK

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

Greek

PROFESSOR:	RICHMOND LATTIMORE, Ph.D.
ASSISTANT PROFESSOR:	MABEL LOUISE LANG, Ph.D.
INSTRUCTOR:	HELEN HAZARD BACON, A.B.

PROFESSOR OF
 CLASSICAL ARCHAEOLOGY: RHYS CARPENTER, Ph.D., Litt.D.

Students majoring in Greek are required to take Elementary Greek, the first year course, the second year course, and one advanced course, to be decided in consultation with the department.

Allied subjects: Ancient History, Archæology, any language, Philosophy.

1. *Elementary Greek*: Dr. Lang.
 101. *Plato* (first semester); *Greek Tragedy* (second semester):
 Dr. Lattimore.
- Private reading and prose composition are required.

102c. *Homer*: Miss Bacon.

Offered for students who have begun Greek in college and for those who do not offer Homer for entrance.

201. *Demosthenes, Thucydides* (first semester); *Greek Tragedy* (second semester): Miss Bacon.

Private reading and prose composition are required.

[202c. *Herodotus* (first semester); *Plato* (second semester): Miss Bacon.]

301. *Attic Tragedy, Attic Orators, Historians, Plato, Pindar, Melic Poets, Homer*: Dr. Lattimore, Dr. Lang.

The student selects her work from these fields and authors in consultation with the department.

203.* *Greek Literature in Translation*: Dr. Lattimore, Dr. Lang.

FINAL EXAMINATION

The final examination for students majoring in Greek consists of:

1. Sight Translation of Greek to English.
2. Two papers from the following fields: Homer, Attic Tragedy, Lyric Poetry and Aristophanes, Fifth-century Historians, Fourth-century Attic Prose.

HONORS WORK

Honors may be taken either in conjunction with advanced courses or after their completion.

History

PROFESSORS:	HELEN TAFT MANNING, Ph.D., LL.D. ¹ CAROLINE ROBBINS, Ph.D.
ASSOCIATE PROFESSORS:	JOHN CHESTER MILLER, Ph.D. ² FELIX GILBERT, Ph.D.
ASSISTANT PROFESSOR:	GEORGE P. CUTTINO, D.Phil.
INSTRUCTOR:	JOANNE LOEWE NEEL, M.A.

PROFESSOR OF LATIN: THOMAS ROBERT SHANNON BROUGHTON, Ph.D.

Students majoring in history must take the first year course unless they have entered college with satisfactory preparation in the field of European history. Any substitution must be approved by the department. They must take two second year courses and one advanced course.

Allied work: students interested in modern European or American history are advised to take courses in economics or politics as allied work. Students interested in medieval history are advised to take courses in history of art or Latin, especially medieval

¹ On leave of absence for the first semester.

² On leave of absence for the second semester.

Latin. Students interested in ancient history are advised to take courses in the ancient languages, classical archæology or philosophy. English, French, German, and Russian literature and the course in anthropology are also accepted as allied work with the consent of the Department.

101. *Medieval and Modern Europe*: Dr. Robbins, Dr. Manning, Mrs. Neel.

[201. *History of England to 1783*: Dr. Robbins.]

202. *History of the United States 1760-1943*: Dr. Miller, Mrs. Neel.

[203. *Economic and Social History*: Dr. Manning, Dr. Robbins.]

Among the topics studied will be: movements of peoples; minorities; development and nature of primitive, nomad, manorial and modern agriculture; trade routes, markets and fairs; changing classes of society; the factory; joint stock and international companies; imperial, fascist and other economic policies; the development of money and banking.

204a. *Medieval Civilization*: Dr. Cuttino.

A survey of western European history from the fifth to the twelfth century. Among the topics covered will be: decline of the ancient world; the barbarians; the early church; the Byzantine empire; the Arab empire; the West after Justinian; the Carolingian empire and renaissance; feudalism; the revival of western civilization; the crusades.

204b. *History of the Renaissance*: Dr. Cuttino.

A survey of western European history from the twelfth century to the age of the discoveries. Among the topics covered will be: the growth of western monarchies; the twelfth-century reformation and renaissance; the new secularism; Dante; the later middle ages; the Italian Renaissance to 1517.

205a. *History of the Enlightenment*: Dr. Robbins.

A survey of European History between the Renaissance and the French Revolution. Amongst the topics discussed will be the development of absolutism and the decline of the medieval estates system; the benevolent despots; the counter-reformation, the Jansenists, and the growth of scepticism; frontiers and armies of the seventeenth and eighteenth centuries; historians and scientists of the period; crime, punishment and social reform.

205b. *Revolutionary Europe 1787-1848*: Dr. Manning.

207.* *Ancient History*: Dr. Broughton.

208. *History of Russia*: Dr. Gilbert.

Semester one deals with the Russia of Tsarism, the second semester with Soviet Russia.

301. *History of Europe since 1890*: Dr. Gilbert.

[302a. *Rise of the Americas*: Dr. Miller.]

The French, Spanish, and British colonial empires; the revolutionary movements and the development of the Latin-American states to the present day.

303a. *Social and Intellectual History of the United States:* Dr. Miller.

304a. *English History in the Nineteenth Century:* Mrs. Neel.

FINAL EXAMINATION

The final examination for students majoring in history consists of three papers, one of which must be on the History of the Continent of Europe and will be four hours in length. The fields may be selected from one of the following:

1. Ancient History.
2. History of the Continent of Europe from 378 to 1618.
3. History of the Continent of Europe from 1618 to the Present.
4. History of England to 1603.
5. History of England from 1603 to the Present, including the History of the British Empire.
6. History of the United States.
7. History of Russia.

But with the consent of the departments concerned, a student may write one of her three papers in a field of allied work.

In case of a student who has completed the course work in English or American history, and has devoted a part of her time in her senior year to the study of source material and bibliography for a special period such as that of the American Civil War or the Puritan Revolution, one examination of two or three hours in length will be limited in scope and intensive in character. A similar examination will be set for students of Ancient or Medieval History where there is need for it.

HONORS WORK

Students admitted to this work meet the instructor each week for the discussion of reading in a selected period. An essay based on source material must be presented before May 1st. The award of the degree with distinction in history will depend on the character of this honors paper and on the candidate's performance in the final examination.

History of Art

PROFESSOR:	ALEXANDER COBURN SOPER, M.F.A., Ph.D.
ASSOCIATE PROFESSORS:	JOSEPH CURTIS SLOANE, M.F.A. ¹ RICHARD BERNHEIMER, Ph.D.
INSTRUCTOR:	JOY C. LEVY, M.A.
ASSISTANTS:	LUCILLE FEIDEN, A.B. DOROTHY LEADBEATER, M.A. CORLETTE ROSSITER, A.B. ²
CURATOR OF SLIDES AND PHOTOGRAPHS:	HENRIETTA HUFF LANDES, A.B.

¹ On leave of absence for the year 1948-49.

² M.A. to be conferred June 1948.

Students majoring in the history of art are required to take four full courses (or the equivalent): the first year course, one of the second year courses, and two other courses, one of which shall be considered as an advanced course.

Allied subjects: Classical Archæology, English, French, German, History, Music, Philosophy.

All courses are illustrated with lantern slides and a large collection of photographs is available for study.

In cooperation with the department, the Undergraduate Art Club offers studio practice in creative art. The studio is open to all interested students several afternoons a week throughout the year. There is no tuition fee and academic credit is not granted for this work.

101. *An Introduction to the History of Art:* Dr. Bernheimer, Mrs. Levy.

A philosophical, technical, and historical introduction to the field of the fine arts. Laboratory work in basic principles of design, color, and technique will be required in conjunction with the lectures. Three lectures, one hour of conference, and two hours of laboratory each week.

- 201.* *Italian Art:* Dr. Bernheimer and Mrs. Levy.

The arts of Italy from the Thirteenth to the end of the Fifteenth Century are discussed in the first semester. The second semester covers the later phases of Italian art with some consideration of its influence on the Baroque in Spain and Germany.

- 203a. *Early Medieval Art:* Dr. Soper.

From the Early Christian period to the Romanesque.

- 204b. *Romanesque and Gothic Art:* Dr. Bernheimer.

The arts of the early and high middle ages.

- [205a. *Northern Renaissance Art:* Dr. Soper.]

From its beginnings through Breughel.

- [206b. *Northern Baroque Art:* Mr. Sloane.]

From the late Sixteenth Century to the classic revival in the Eighteenth Century.

- 301.* *Art of the Far East:* Dr. Soper.

Chinese and Japanese art from the earliest dynasties to the present, including a survey of Indian art as an introduction to Buddhism in the Far East.

303. *Modern Art:* Mrs. Levy, Dr. Soper.

In the first semester the pictorial arts are traced from David to the present day. In the second semester, the architecture and sculpture of the same period are discussed.

FINAL EXAMINATION

The final examination for students majoring in the history of art consists of three parts of three hours each:

1. An examination conducted with slides and/or photographs testing the student's ability to identify important monuments and to analyze stylistic and iconographic elements within the field of major concentration.
2. A written examination on fundamental problems of style, evolution and cultural relationships in art. This examination will be based primarily on the first year introductory course.
3. A detailed examination on *one* of the following fields chosen from the broader field of major concentration:
 - a. Early Medieval Art
 - b. Gothic Art
 - c. Art of the Northern Renaissance
 - d. Italian Art after 1300
 - e. Art of the Seventeenth and Eighteenth Centuries
 - f. Modern Art (after 1800)
 - g. Art of the Far East.

HONORS WORK

Honors work is offered to students recommended by the department.

History of Religion

PROFESSOR OF ENGLISH LITERATURE: SAMUEL CLAGGETT CHEW, Ph.D.

ASSOCIATE PROFESSOR OF LATIN: AGNES KIRSOPP MICHELS, Ph.D.

Instruction offered in the History of Religion and in Biblical Literature is not organized on the scale of a regularly constituted department; there is no major work in either subject.

101a.* *The Rise of Judaism*: Dr. A. K. Michels.

The reading is taken, as far as possible, from the original sources.

103a.* *Literary History of the Bible; The Old Testament*: Dr. Chew.

103b.* *Literary History of the Bible; The New Testament*: Dr. A. K. Michels.

Italian

ASSOCIATE PROFESSOR: ANGELINE HELEN LOGRASSO, Ph.D.

Students majoring in Italian are required to take the first year course in the Italian language, the two second year courses, the advanced course in Dante, and one other advanced course.

Allied subjects: History, History of Art, Philosophy, any other language or literature; certain courses in other fields with departmental approval.

Attention is called to two elective half-courses in Italian literature in English translation for students who have no knowledge of Italian. By special arrangement they may be expanded into full courses. For the required reports in these courses students may choose topics related to their major subject.

101. *Italian Language*: Dr. Lograsso.

A practical knowledge of the language is acquired through speaking, hearing, writing, and reading, going from concrete situations to the expression of abstract ideas and with a gradual introduction to the reading of contemporary texts. A modified Army method is used.

[102c.* *Dante in English Translation*: Dr. Lograsso.]

The New Life and Divine Comedy.

[103c.* *Literature of the Italian Renaissance in English Translation*: Dr. Lograsso.]

From Petrarch to Tasso; pastoral literature; literary criticism and aesthetic theories of the Renaissance with special reference to their influence on other literatures.

201. *Classics in Italian Literature*: Dr. Lograsso.

Reading and explanation of texts, with a study of literary history; conducted mostly in Italian.

202c. *Intermediate Course in the Italian Language*: Dr. Lograsso.

Topics are assigned for composition and discussion in Italian.

[301. *Dante*: Dr. Lograsso.]

The Vita Nuova and Divina Commedia, with some attention to the minor works.

[302c. *The Italian Language*: Dr. Lograsso.]

Advanced work in composition.

[303. *Italian Literature of the Rinascimento*: Dr. Lograsso.]

[304. *Italian Literature of the Romantic Period*: Dr. Lograsso.]

JUNIOR YEAR ABROAD

Students approved by the Department and the Dean of the College may be recommended for the Junior year in Perugia and Florence under the auspices of the Smith College Group.

FINAL EXAMINATION

The final examination consists of three parts:

1. The Italian Language: ability to speak and understand the spoken idiom; ability to write it.
2. Italian Literature and Literary History.
3. The study of a single genre or topic throughout Italian literature, or a paper on an allied subject.

For the second part the emphasis may be placed on the Medieval, Renaissance, Romantic, or Modern period.

HONORS WORK

After the completion of the second year course a student may be recommended for honors in Italian. The student works in a special field adapted to her own interest under the direction of the department.

Latin

PROFESSORS:	LILY ROSS TAYLOR, Ph.D., Litt.D. THOMAS ROBERT SHANNON BROUGHTON, Ph.D.
ASSOCIATE PROFESSORS:	BERTHE MARIE MARTI, Ph.D. AGNES KIRSOPP MICHELS, Ph.D.

Students majoring in Latin are required to take a first year course in Latin literature (101 or 102), the second year course in Latin literature of the Empire, and one unit of advanced work.

Allied subjects: Ancient, Medieval, and Renaissance History, Classical Archæology, Greek, History of Religion, Philosophy, any modern language or literature.

101. *Latin Literature*: Dr. Michels, Dr. Taylor.

Prerequisite: Three units of entrance Latin. Selections *either* from Vergil's *Aeneid* or from prose authors, such as Cicero and Livy (according to the preparation of the students), from Lucretius, Catullus, and Vergil's *Eclogues* and *Georgics*.

102.* *Medieval Latin Literature*: Dr. Marti.

Prerequisite: Three units of entrance Latin. Latin Literature from the fourth to the end of the twelfth century with special emphasis upon the development of the chief literary *genres*. The reading includes selections from the most important Medieval Latin writers.

201. *Latin Literature of the Empire*: Dr. Taylor, Dr. Michels.

Prerequisite: Four units of entrance Latin or Latin 101 or 102. The development of Latin Literature from the Augustan Age to the time of Marcus Aurelius. The reading in the first semester will include selections from Horace's *Odes*, *Satires*, and *Epistles*, and from the elegiac poets, in the second from Petronius, Seneca, Tacitus, Pliny, Martial, Juvenal, and Apuleius.

202c. *Latin Prose Style*: Dr. Marti.

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

301a. *Vergil's Georgics and Aeneid*: Dr. Michels.

301b. *Livy's History and Tacitus's Annals*: Dr. Broughton.

[302a. *Lucretius and Catullus*: Dr. Taylor.]

The *De Rerum Natura* of Lucretius and the longer poems of Catullus.

[302b. *Cicero and Cæsar*: Dr. Broughton.]

Extensive selections from Cicero's *Orations* and *Letters* and from Cæsar's *Commentaries*. Chief emphasis is placed on the social and political history of the period.

FINAL EXAMINATION

The final examination for students majoring in Latin consists of three three-hour papers in the following fields:

1. Latin Sight Translation.
2. An examination on one of the following subjects:
 - a. Latin Literature of the Republic
 - b. Latin Literature of the Empire
 - c. Latin Literature of the Ciceronian and Augustan Age
 - d. Roman History from the Sources (100 B.C. to 70 A.D.).
3. An examination on one of the following subjects:
 - a. An allied subject (Students are advised if possible to take the third paper in Greek)
 - b. A second subject from Group 2 (Choice must avoid duplication of material)
 - c. The development in Latin literature of an important literary type
 - d. An important period or type in Medieval Latin Literature.
 - e. Latin Prose Style.

HONORS WORK

Seniors who have completed 201 and include 202c in their major course of study will be admitted to honors work on the recommendation of the department. It is also desirable for students to complete one advanced course before entering upon honors work.

Mathematics

ASSOCIATE PROFESSORS:	JOHN CORNING OXTOBY, M.A. MARGUERITE LEHR, Ph.D.
ASSISTANT PROFESSOR:	LINDLEY J. BURTON, Ph.D.
READER:	JANE HADAS, A.B.

Students majoring in Mathematics are required to take Mathematics 101, 201, 202c, and two advanced courses.

Allied subjects: Chemistry, Economics, Philosophy, Physics, Psychology.

101a. *Plane Analytic Geometry*: Mr. Oxtoby, Dr. Burton.

The course includes the necessary topics in Trigonometry.

101b. *Differential Calculus*: Mr. Oxtoby, Dr. Burton.

201. *Second Year Calculus*: Dr. Burton.

Integral Calculus, Infinite Series, Differential Equations.

202c. *Solid Analytic Geometry and Algebra*: Dr. Lehr.

[203c. *Theory of Probability and Statistics*: Dr. Lehr.]

A selection from the following courses is offered each year according to the needs of the students.

301. *Advanced Calculus*: Mr. Oxtoby.

Prerequisite: Mathematics 201.

- 302b. *Advanced Geometry*: Dr. Lehr.
Prerequisite: Mathematics 202c.
- 303a. *Advanced Algebra*: Dr. Lehr.
Prerequisite: Mathematics 202c.
310. *Theory of Functions of a Complex Variable*: Mr. Oxtoby.
Prerequisite: Mathematics 301.
- 311b. *Differential Equations*: Mr. Oxtoby.
Prerequisite: Mathematics 301 (may be taken concurrently).

FINAL EXAMINATION

The final examination for students majoring in mathematics consists of three parts:

1. An examination in analysis.
2. An examination in geometry.
3. One of the following:
 - a. An examination in algebra, in applied mathematics, or in some particular branch of advanced analysis or advanced geometry
 - b. An examination in an allied field approved by the department
 - c. A written report based on intensive study of one of the subjects listed in group (a).

HONORS WORK

Honors work is offered in this department to qualified students.

Music

PROFESSOR:	HORACE ALWYNE, F.R.M.C.M.
ASSISTANT PROFESSOR:	ROBERT L. GOODALE, A.B., B.Mus., A.A.G.O.
READER:	ELIZABETH BOOTH, A.B.
LEADER OF ORCHESTRA AND ENSEMBLE GROUPS:	WILLIAM REESE, Ph.D.

The courses in Music are all free electives. They are so arranged that a student may pursue the subject during the four years of college.

Students in the courses in History and Appreciation of Music must devote two hours or more a week to listening to gramophone records assigned by the department.

The College Chorus of eighty members, which also takes part in the College Services, and the Orchestra and Ensemble groups are organized under the direction of the Department of Music. On several occasions during the year the chorus of Bryn Mawr College and the choruses of various men's colleges, as well as the instrumental groups of Bryn Mawr College and Haverford College collaborate in performances of special works.

- 101.* *History and Appreciation of Music:* Mr. Alwyne.
A comprehensive survey from the period of Bach to the end of the nineteenth century, with special emphasis on the technique of intelligent listening.
- 201.* *Advanced History and Appreciation of Music:* Mr. Alwyne.
A more amplified and intensive study of nineteenth century music. The Symphonic Poem, Art-Song and Music-Drama. Expansion of orchestral and pianoforte technique; development of symphonic and chamber-music forms; growth of Nationalism.
Prerequisite: Music 101 or its equivalent.
- 301c.* *Third Year History and Appreciation of Music:* Mr. Alwyne.
The development of Opera and Music-Drama. The trends of Modern Music and significant representative works.
Prerequisites: Music 101 and 201 or their equivalents.
- 102.* *Elementary Harmony:* Mr. Goodale.
Harmony in four voices; triads in root position, first and second inversions; 7th chords; major and minor modes; modulation. Principles of melodic construction. Formal and harmonic analysis. Sight singing and dictation.
- 202.* *Advanced Harmony:* Mr. Goodale.
Continuation of Music 102. Original composition in the larger forms. Advanced analysis. Sight singing and dictation.
Prerequisite: Music 102 or its equivalent.
- 203c.* *Elementary Counterpoint:* Mr. Goodale.
Composition and analysis of counterpoint in the style of the sixteenth century.
Prerequisite: Music 102 or its equivalent.
- 302c.* *Advanced Counterpoint:* Mr. Goodale.
Composition and analysis in the style of Bach. This will include a study of the large contrapuntal forms.
Prerequisite: Music 102 and 203c or the equivalent.

Philosophy

PROFESSOR:	MILTON CHARLES NAHM, B.Litt., Ph.D.
ASSOCIATE PROFESSOR:	ISABEL SCRIBNER STEARNS, Ph.D.
INSTRUCTOR:	HUGUES LEBLANC, Ph.D.
VISITING PROFESSOR:	PAUL SCHRECKER, Ph.D.
ASSISTANT:	LOUISE SHANNON DUBOSE, A.B.

Appointment to be announced.

Students majoring in Philosophy are required to take the first year course, the second year half-course in German Idealism, Logic, Ethics, and Recent Philosophy, and one advanced course. With permission, students may take second-year courses for third-year credit.

Allied subjects: Biology, Economics, and Politics, English, Greek,

History, Latin, Mathematics, Physics, Psychology, and certain courses in History of Religion and Social Economy.

101. *History of Philosophic Thought*: Dr. Nahm, Dr. Stearns, Dr. Schrecker and Dr. Leblanc.
Some writings of the major philosophers, classic and modern, are studied and discussed.
- 201a. *German Idealism*: Dr. Schrecker.
The philosophy of Kant.
- 201b. *Recent Philosophy*: Dr. Stearns.
The philosophies of Dewey, Whitehead, and related thinkers.
- 202a. *Logic*: Dr. Leblanc.
An introduction to modern logic.
- 202b. *Ethics*: Dr. Nahm.
The theory and problems of various types of ethics.
- 301a. *Aesthetics*: Dr. Nahm.
Types of aesthetic theory and problems of aesthetic experience.
- 301b. *Naturalism and Empiricism*: Dr. Leblanc.
Selected readings from authors in the naturalistic tradition.
- 302a. *Plato*: Dr. Stearns.
A detailed study of some of the later dialogues.
- 302b. *Philosophy of History*: Dr. Schrecker.
The philosophical interpretation of history, its meaning and laws.

FINAL EXAMINATION

The final examination consists of three papers divided into the following groups, offering a wide choice of questions:

1. Ancient Philosophy.
2. Modern Philosophy.
3. Systematic Philosophy.

For the first two papers, selected texts of a limited number of important philosophical writers are studied. The historical relations of systems of philosophy are traced with some announced theme as a point of departure. For the third paper an important modern philosopher is studied with special emphasis on the inter-relations of metaphysical, ethical, etc., problems in his system.

HONORS WORK

Honors 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 field in which the student is working.

Physics

PROFESSOR:	WALTER C. MICHELS, Ph.D.
ASSOCIATE PROFESSOR:	ARTHUR LINDO PATTERSON, Ph.D. ¹
ASSISTANT PROFESSOR:	ROSALIE C. HOYT, Ph.D.
LECTURER:	CHARLES WILBUR UFFORD, Ph.D.
DEMONSTRATORS:	BARBARA JOUBERT PALM, A.B. RICHARD C. BARBERA ²

Students majoring in Physics are required to take the first year course; the second year course; and at least one and one-half units of advanced work, to be chosen from courses 303-305 inclusive. They must also take first and second year work in mathematics, and if possible one advanced course in mathematics.

Several Elective Courses, not usually required of majors, are given only when requested.

Allied subjects: Chemistry, Mathematics.

101. *Introduction to Modern Physics:* Dr. Michels and Dr. Hoyt.

Three lectures, four hours laboratory a week.

206. *Mechanics and Heat:* Dr. Hoyt and Dr. Michels.

Three lectures, four hours laboratory a week. Prerequisites: Physics 101, Mathematics 101, Mathematics 201 (may be taken concurrently).

[251c.* *Meteorology:* Dr. Michels.]

Four hours lectures and laboratory a week. Prerequisite: Physics 101 or Mathematics 101.

[252c.* *Astronomy:* Dr. Michels.]

Prerequisite: Physics 101, or first and second year work in any natural science or mathematics.

Two lectures, one evening of laboratory a week.

303. *Introduction to Experimental Physics:* Dr. Michels.

Three lectures, four hours laboratory a week. Prerequisites: Physics 206 and Mathematics 201 (either may be taken concurrently).

304. *Introduction to Mathematical Physics:* Dr. Ufford.

Four lectures a week. Prerequisites: Physics 206, Mathematics 201, and Physics 303 (may be taken concurrently).

305. *Physical Measurements:* Dr. Michels.

Four hours laboratory a week. Prerequisites: Physics 303 or Physics 304 (either may be taken concurrently).

[351.* *Application of Physics to Biology and Chemistry:* Dr. Hoyt.]

Three lectures, four hours laboratory a week. Prerequisites: Physics 101 and Mathematics 101 and second year work in either Chemistry or Biology.

¹ On leave of absence for the year 1948-49.

² A.B. to be conferred June, 1948.

FINAL EXAMINATION

The final examination for students majoring in physics is in three parts:

1. Foundation of Physical Theory (required of all students).
2. Descriptive Physics (required of all students).
3. An examination in one of the following fields:
 - a. Electricity and Magnetism
 - b. Optics
 - c. Thermodynamics
 - d. Statistical Mechanics
 - e. Thermodynamics and Statistical Mechanics
 - f. Mathematical Physics.

HONORS WORK

Honors work may be taken by seniors recommended by the department. It consists of reading and experimental work on some problem of physics.

Psychology

PROFESSOR:	HARRY HELSON, Ph.D. ¹
ASSISTANT PROFESSOR:	RACHEL DUNAWAY COX, Ph.D.
LECTURER:	JEANNE DEBOW BRUGGER, M.A.
INSTRUCTOR:	MURRAY GORDON DE JERSEY, M.A.
DEMONSTRATOR:	EILEEN BEIER MAHER, M.A.

Appointment to be announced.

Students majoring in Psychology are required to take the first year course, all the second year courses, and of the advanced courses, either Psychology 301 or Psychology 302a and 302b.

Allied subjects: Anthropology, Biology, Mathematics, Physics, Sociology, and Statistics.

101. *General Psychology*: Mrs. Brugger and instructor to be announced.

A systematic survey of the basic facts and principles in the various fields of psychology. Three lectures, two hours of laboratory a week.

- 201a. *Social Psychology*: Instructor to be announced.

A study of the psychological determinants of social behavior. Three lectures a week. Prerequisite: Psychology 101.

- 202b. *Mental Tests and Measurements*: Dr. Cox.

Construction, use, and interpretation of psychological tests. Three lectures, two hours laboratory a week. Prerequisite: Psychology 101.

- 203a. *Comparative Psychology*: Mr. de Jersey.

A comparative study of the behavior of animals and men. Three lectures a week. Prerequisite: Psychology 101.

¹ On leave of absence for the year 1948-49.

204b. *Experimental Psychology*: Mrs. Brugger and Mr. de Jersey.

A survey of the psychological processes (sensation, perception, attention) which have lent themselves most readily to experimental methods. Three lectures, four hours laboratory a week.

Prerequisite: Psychology 101.

[301. *Advanced Experimental Psychology*: Dr. Helson.]

About six weeks are devoted to a consideration of psychophysical and statistical methods, after which the student's time is given to experimental work on a selected problem. Students must obtain the consent of the instructor before registering for this course. Prerequisites: Psychology 101, 204b.

302a. *Clinical Psychopathology*: Instructor to be announced.

The psychodynamics of abnormal behavior, clinical types, methods of investigation, and principles of psychotherapy. The clinic is conducted by Dr. Edward A. Strecker, Professor of Psychiatry, School of Medicine, University of Pennsylvania. Prerequisites: Psychology 101, 201a, 202b, 203a, 204b.

302b. *Psychology of Personality*: Instructor to be announced.

The study of the problems of development and organization of personality. Prerequisites: 101, 201a, 302a.

FINAL EXAMINATION

The final examination for students majoring in psychology is in three parts:

1. General Psychology covering the first two years (required of all students).
2. An examination in *one* of the following fields of psychological study:
 - a. Abnormal Psychology
 - b. Comparative Psychology
 - c. Experimental Psychology
 - d. Mental Tests and Measurements
 - e. Social Psychology.
3. An examination in one of the following subjects:
 - a. A second field under Group 2
 - b. A written report on the results of a special investigation in experimental psychology.
 - c. An examination in a field of psychology not in Group 2 and approved by the department.

HONORS WORK

One unit of honors work may be taken by students recommended by the department.

Russian

ASSISTANT PROFESSOR: FRANCES DE GRAAFF, Ph.D.
 ASSISTANT PROFESSOR OF ENGLISH: BETTINA LINN, M.A.

- 1.* *Elementary Russian*: Dr. de Graaff.
 2.* *Intermediate Russian*: Dr. de Graaff.

Composition and conversation; reading in Russian classics and contemporary material. Prerequisite: Elementary Russian.

- [201.* *Russian Literature in Translation*: Miss Linn.]

The leading Russian writers of the 19th century in translation. Students registering for the course should read in the preceding summer the following novels: Dostoevsky's *Crime and Punishment*, Tolstoi's *War and Peace*, and two of Turgenev's novels.

- 301.* *Russian Literature of the Twentieth Century*: Dr. de Graaff.

Literary movements and readings from the works of representative writers. Conducted in Russian. Prerequisite: Russian 2 or equivalent.

Sociology and Social Economy

*The Carola Woerishoffer Department
 of
 Social Economy and Social Research*

PROFESSOR: FLORENCE PETERSON, M.A.
 ASSOCIATE PROFESSOR: HERTHA KRAUS, Ph.D.
 ASSISTANT PROFESSOR: FREDERICA DE LAGUNA, Ph.D.

Appointment to be announced.

Students majoring in Sociology are required to take the first year course, two full second year courses, and the advanced course.

Allied subjects: Economics, History, Philosophy, Politics, Psychology, Statistics.

102. *Cultural Anthropology*: Dr. de Laguna.

Race classification and differences, human origins and the development of culture; contemporary primitive cultures and societies.

201. *Comparative Cultural Groupings*: Instructor to be announced.

Informal social groupings, institutions, classes and castes in various countries, and ethnic groups in our society, with reference to structure and attitudes. Special attention is given to the Family as an institution.

- 202a. *Principles of Social Welfare*: Dr. Kraus.

Study of the principal social problems in modern industrial society and the means adopted for their solution by public and private agencies.

- 202b. *Child Welfare*: Dr. Kraus.

Basic problems and methods of providing social and health services for children.

203. *The Labor Movement and Labor Policy*: Miss Peterson.
The development and characteristics of American labor unions; collective bargaining; wage determination; management-labor disputes.

204.* *American Archaeology*: Dr. de Laguna.

205. *Ethnology*: Dr. de Laguna.

Method and theory; cultural dynamics.

Statistics:

See Economics 213.

Economic and Social History:

See History 203.

310. *Social Theory*: Instructor to be announced.

Factors involved in the sociological interpretation of society and culture; nature of social interaction, control and change, with particular concern for the social problems involved.

FINAL EXAMINATION

The final examination for students majoring in Sociology is in three parts:

1. Principles and Theories of Sociology
2. Social Institutions
3. Choice of the following:
 - a. Social Welfare
 - b. Labor
 - c. Ethnology.

Spanish

PROFESSOR:	JOSEPH E. GILLET, Ph.D. ¹
DEAN OF THE COLLEGE:	DOROTHY NICOLE NEPPER, Ph.D.
ASSISTANT PROFESSOR:	MANUEL ALCALÁ, M.A. ²
INSTRUCTOR:	MARGARITA ESTEVES, M.A.
VISITING PROFESSOR:	PEDRO SALINAS, Ph.D., Litt.D.

Students majoring in Spanish are required to take the first year course, at least one of the full second year courses, and the two advanced courses (one of which must be taken in the junior year).

Allied subjects: any other language or literature, Economics, and Politics, History, History of Art, Music, Philosophy, and Sociology and Social Economy.

1. *Elementary Spanish*: Mr. Alcalá and Miss Esteves.

Spanish grammar, composition and conversation; reading on the Spanish and Spanish-American background.

2. *Elementary Spanish*: Mr. Alcalá.

A five-hour course, including two hours of intensive practice in sight translation and rapid reading. One credit and a half.

3. *Intermediate Spanish*: Dr. Nepper.

Intensive grammar review and exercises in composition and conversation.

¹ On leave of absence for the year 1948-49.

² Litt.D. to be conferred July 1948.

101. *Spanish and Spanish-American Classics*: Miss Esteves.
Intensive reading of Spanish and Spanish-American classics, chiefly of the modern period; special discussions and reports. Prerequisite: Spanish I, or three years of Spanish in a preparatory school.

102c. *Intermediate Spanish Composition*: Miss Esteves.
Modern Spanish syntax, phonetic exercises, and practice in spoken Spanish.

[201. *Spanish-American Literature*: Mr. Alcalá.]

The development of Spanish-American literature from its beginnings. Collateral reading and reports.

202c. *Advanced Composition*: Mr. Alcalá.

Readings in Cervantes and the dramatists of the Golden Age with intensive practice in writing.

203. *The Spanish Novel*: Mr. Alcalá and Dr. Nepper.

The history of the novel in Spain from the beginnings to the present day. Collateral reading and reports.

[204. *The Spanish Lyric*: Mr. Alcalá.]

Lyrical poetry in the Hispanic countries from the beginnings to the present day. Collateral reading and reports.

[301. *History of Spanish Literature from the Renaissance to Romanticism*: Dr. Gillet.]

Collateral reading and reports.

302. *History of Spanish Literature from Romanticism to the Present Day*: Dr. Salinas.

Collateral reading and reports.

JUNIOR YEAR ABROAD

Students who major in Spanish may be recommended by the Department for the Junior Year in Mexico under the direction of Smith College.

FINAL EXAMINATION

The final examination for students majoring in Spanish consists of three parts:

1. An oral examination consisting of the explanation and interpretation of a Spanish text in Spanish.
2. A three-hour written examination in Spanish on a period in Spanish literature, such as the Renaissance, Romanticism, or on Spanish-American literature.
3. A three-hour written examination in Spanish on the development of a literary genre, such as the drama, the novel, the lyric, through Spanish literature or a similar examination on an allied subject related to the student's Spanish field.

HONORS WORK

Honors work is offered to students recommended by the department.

Interdepartmental Courses

The following courses are given by several departments in co-operation. The object is to cut across well defined areas of knowledge and to show the relationships existing among them.

- [202. *Aspects of Eighteenth Century Life and Thought:* Dr. Manning, Dr. Northrop, Miss Stapleton.]
- [203. *The Development of Scientific Thought:* Dr. Wyckoff, Dr. Oppenheimer.]

The study of the development of scientific ideas and techniques in chronological sequence, and their origins, interrelationships, and impact on other intellectual activities of various periods. Open to students who have had one year of laboratory science in college. (This course is also listed as Biology 307 and Geology 306*.)

211. *The Theory and Practice of Democracy:* Dr. Wells, Miss Stapleton, Dr. Stearns, Dr. Hubbard.

The fundamental concepts of democracy and their expression in governmental institutions; their relationship to contemporary political problems. Open to juniors and seniors who have taken one year of History, Economics, Politics or Philosophy, and to other students with the permission of the instructors. (This course is also listed as Politics 211.)

Physical Education

DIRECTOR:	IRENE A. CLAYTON, M.S.
ASSISTANT DIRECTOR:	ETHEL M. GRANT
INSTRUCTORS:	JANET YEAGER
	EMELIA-LOUISE KILBY, M.A.

Through the offerings in the Physical Education Department, students are given opportunities to participate in varied fields of both individual and team sports, dance and aquatic activities. Class instruction during the first two years enables the student to learn new skills or to improve her techniques. Interclass, Interdormitory, and Varsity schedules of games and tournaments offer all students the experience of competition in sports. Creative interest in Modern Dance is encouraged through class work and extra-curricular programs. In cooperation with the Athletic Association, the Department sponsors Square Dance nights and Winter Sports trips. It seeks the interests of students in furthering bicycle trips and canoe trips and other types of informal recreational activities.

The freshman requirement in Physical Education consists of three periods a week throughout the year; for the fall and winter terms one of these periods will be given over to the study of fundamental principles of good movement. The sophomore requirement consists of two periods a week throughout the year. All students

must complete the freshman and sophomore requirements satisfactorily, and must pass the swimming test administered to every new student at the beginning of the year unless she is excused by the college physician. Students unable to pass this test are expected to register for beginning swimming. All classes are open to election by upperclassmen.

Seasonal offerings of the Department from which election may be made are:

Fall: archery, beginning swimming, fencing, hockey, modern dance, riding, and tennis.

Winter: badminton, basketball, fencing, folk dance, modern dance, skating, swimming, American Red Cross Senior Life Savings and Instructor's courses, and volleyball.

Spring: archery, baseball, fencing, lacrosse, modern dance, riding, swimming, and tennis.

Swimming test: one standing dive, back float two minutes, tread water one minute, bobbing twice, and swimming any stroke twenty minutes.

SCHOLARSHIPS AND AWARDS

Scholarships and awards fall into two main groups: those which are awarded solely for distinction in academic work, and those which are awarded for both distinction in academic work and need of financial aid. The former group is listed first, followed by the latter, which is subdivided according to the years in which the scholarships and awards may be held.

APPLICATIONS

Applications are required for all scholarships except those awarded solely for distinction in academic work. Applications for Alumnæ Regional Scholarships should be made by March 15 preceding entrance to College. Forms may be obtained from the Alumnæ Scholarships and Loan Fund Committee, Alumnæ Office, The Deanery, Bryn Mawr, Pennsylvania. Applications for other entrance scholarships should be made by March 15 preceding admission to College on forms obtainable from the Director of Admissions. Applications for other scholarships should be made by March 15 preceding the academic year in which the scholarships are held. Forms are obtainable from the Dean of the College.

In general, nominations for scholarships are made by the Faculty Committee on Undergraduate Scholarships and by the Scholarships and Loan Fund Committee of the Alumnæ Association of Bryn Mawr College. Funded scholarships are awarded according to the expressed wishes of the donors. The Alumnæ Regional Scholarships are administered by local alumnæ committees. The holders of a few college scholarships are nominated directly by the President and those of a few others are nominated by outside organizations. All nominations must be approved by the Board of Directors. It is sometimes possible to supplement scholarship awards by additional grants.

AWARDS MADE SOLELY FOR DISTINCTION IN ACADEMIC WORK

The Bryn Mawr European Fellowship, value \$500, founded in 1889, is awarded annually to a member of the graduating class, to be applied toward the expenses of one year's study at some foreign university. For the present, it may be held in an American university. The holder of this fellowship receives in addition an Elizabeth S. Shippen Scholarship of the value of \$200.

The Maria L. Eastman Brooke Hall Memorial Scholarship, value \$100, founded in 1901 in memory of Maria L. Eastman, Principal of Brooke Hall School for Girls, Media, Pennsylvania, by the alumnæ and former pupils of the school, is awarded annually to the member of the junior class with the highest general average and is held during the senior year.

The Charles S. Hinchman Memorial Scholarship, value \$500, was founded in 1917 in memory of the late Charles S. Hinchman of Philadelphia by his family. It is awarded annually to a member of the junior class for work of special excellence in her major subject and is held during the senior year.

The Elizabeth S. Shippen Scholarships were founded in 1915 by the bequest of Elizabeth S. Shippen of Philadelphia. Three scholarships are awarded annually, one to the member of the senior class who receives the Bryn Mawr European Fellowship (see page 75), and two to members of the junior class, as follows: 1. *The Shippen Scholarship in Science*, value \$100, to a student whose major subject is Biology, Chemistry, Geology, or Physics; 2. *The Shippen Scholarship in Foreign Languages*, value \$100, to one whose major subject is French, German, Greek, Italian, Latin, or Spanish. To be eligible for either of these two scholarships a student must have completed at least one semester of the second year course in her major subject. Neither can be held by the winner of the Charles S. Hinchman Memorial Scholarship. Work in elementary courses will not be considered in awarding the scholarship in foreign languages.

The Sheelah Kilroy Memorial Scholarships in English were founded in 1919 in memory of their daughter Sheelah, by Dr. and Mrs. Philip Kilroy. They are awarded annually on the recommendation of the Department of English as follows: \$150 to a student for excellence of work in second year or advanced courses in English, and \$50 to the student in the required course in English Composition who writes the best essay during the year.

The Elizabeth Duane Gillespie Scholarship in American History, value \$60, was founded in 1903 by the Pennsylvania Society of Colonial Dames of America in memory of Elizabeth Duane Gillespie. It is awarded annually on nomination by the Department of History to a member of the sophomore or junior class who has done work of distinction in History and takes one course in American History during her junior or senior year.

The M. Carey Thomas Essay Prize is awarded annually to a member of the senior class for distinction in writing. Students competing for the prize must submit manuscripts by May 1. The award will be made by the Department of English and may be given for either creative or critical writing.

The Katherine Fullerton Gerould Memorial Prize of from \$40 to \$50 was founded in 1946 and is awarded on May Day of each year in which material submitted justifies such award. It is open to any student showing evidence of creative ability in the fields of informal essay, short story, longer narrative, verse or playwriting.

The Jeanne Quistgaard Memorial Prize was given by the Class of 1938 in memory of their classmate, Jeanne Quistgaard, who died June 23, 1937. It may be awarded every two years to a student in Economics.

The Esther Walker Award was founded by the bequest of William John Walker in memory of his sister, Esther Walker, of the Class of 1910. It may be given annually to a member of the senior class who in the judgment of the Faculty shall have displayed the greatest proficiency in the study of living conditions of Northern Negroes.

SCHOLARSHIPS AWARDED AT ENTRANCE AND
TENABLE FOR FOUR YEARS

National Scholarships are awarded annually by the Seven Women's Colleges (Barnard, Bryn Mawr, Mount Holyoke, Radcliffe, Smith, Vassar, and Wellesley). One scholarship, varying in amount from \$100 to full expenses for tuition and residence, is given annually by each of the colleges in each of three areas: the west coast (Washington, Oregon, and California); three midwestern states (Kansas, Missouri, and Nebraska); and four southern states (Louisiana, New Mexico, Oklahoma, and Texas). The National Scholarships for 1948-49 at Bryn Mawr will be supported in large part by the Fanny R. S. Peabody Fund.

The applicant for the National Scholarships may list the seven colleges in order of her preference but should be willing to go to that one of the seven to which she is assigned by a Committee of Selection. Applicants for National Scholarships must apply before February 20 to Mrs. F. Murray Forbes, Jr., 21 Beaver Place, Boston 8, Massachusetts.

The Bryn Mawr Alumnae Regional Scholarships, for varying amounts up to \$650 each, are awarded in the several districts of the Alumnae Association of Bryn Mawr College to candidates of exceptional ability who cannot meet in full the fees of the College. Application should be made before March 15 preceding entrance into College. Blanks may be obtained from the Alumnae Scholarships and Loan Fund Committee, Alumnae Office, The Deanery, Bryn Mawr, Pennsylvania. Awards are announced as soon as possible after the results of the College Entrance Examination Board Tests are received. Holders of these scholarships who maintain a high standard of scholarship and conduct are assured further assistance either from local alumnae committees or from the College.

The Trustees' Scholarships, four in number, carrying free tuition, and tenable for four years, are made available by the Trustees of Bryn Mawr College for students prepared in the high schools of Philadelphia and its suburbs. Two of these scholarships are awarded annually to candidates who have received all their preparation for entrance in Philadelphia high schools and are recommended by the Board of Public Education of Philadelphia; two are awarded annually to candidates who have received all their preparation for entrance in public schools in the suburbs of Philadelphia and are recommended by the Director of Admissions after consultation with the principals of the schools presenting candidates.

The City Scholarships, value \$200 each, are awarded to graduates of Philadelphia high schools nominated by the Board of Public Education of Philadelphia.

The Lidie C. B. Saul Scholarship, value \$200, tenable for four years, is given by the Alumnae Association of the Girls' High School and Normal School of Philadelphia. It is awarded every four years to the graduate of the Girls' High School who enters Bryn Mawr College with the highest grade of that year.

The Minnie Murdock Kendrick Memorial Scholarship, carrying free tuition, and tenable for four years, was founded in 1916 by bequest of George W. Kendrick, Jr. It is awarded every four years to a candidate nominated by the Board of Public Education of Philadelphia.

The Foundation Scholarships, carrying free tuition, and tenable for four years, may be awarded annually, upon conditions, so far as possible, similar to the Trustees' Scholarships, to members of the Society of Friends who cannot meet the full expenses of tuition and residence.

The Frances Marion Simpson Scholarships, four in number, carrying free tuition, and tenable for four years, were founded in 1912 in memory of Frances Simpson Pfahler of the Class of 1906 by Justice Alexander Simpson, Jr. One scholarship is awarded each year to a member of the entering freshman class who cannot meet in full the fees of the College. In awarding these scholarships first preference is given to residents of Philadelphia and Montgomery counties who have been prepared in the public schools of these counties or at home by parents or guardians, thereafter, under the same conditions, to residents of other counties of Pennsylvania, and, in special cases, to candidates from other localities. Holders of these scholarships are expected to repay the sums advanced to them. If they become able during their college course to pay the tuition fees in whole or in part they are required to do so.

The Chinese Scholarship comes in part from the annual income of a fund established in 1917, and later increased, by a group of alumnae and friends of the College in order to maintain a Chinese student during her four undergraduate years at Bryn Mawr College.

The Pepsi-Cola Scholarships for School Seniors. In 1945 the Pepsi-Cola Scholarship Board established four-year college scholarships for students throughout the United States, Alaska, Hawaii, Puerto Rico. Each scholarship pays full tuition and required fees for four years, plus an allowance of \$25 a month during the school year, and a travel allowance. One hundred and twenty-one scholarships are awarded each year and are allotted on a regional basis. Winners select their own colleges. Information regarding these scholarships may be obtained from school principals or directly from the Pepsi-Cola Scholarship Board, 532 Emerson Street, Palo Alto, California.

Other Scholarships, provided through gifts from friends of Bryn Mawr College, are awarded in accordance with the terms of the gift.

SCHOLARSHIPS TENABLE IN THE FRESHMAN YEAR

The Amy Sussman Steinhart Scholarship, carrying free tuition, was founded in 1931 in memory of Amy Sussman Steinhart of the Class of 1902 by her family and friends. It is awarded annually to a student from one of the states on the west coast.

The Louise Hyman Pollak Scholarship, carrying free tuition, was founded in 1931 by the Board of Trustees from a bequest by Louise Hyman Pollak of the Class of 1908. It is awarded annually to a student from one of the central states east of the Mississippi River. Preference is given to residents of Cincinnati.

The Alice Day Jackson Scholarships, representing the income from a fund given in 1930 by the late Percy Jackson in memory of his wife, Alice Day Jackson, are variable in amount and are awarded on recommendation of the Director of Admissions.

The Clara Bertram Little Memorial Scholarship, value \$300, was founded in 1947 by Eleanor Little Aldrich in memory of her mother. It is to be held by a student from New England selected by the President on the basis of merit and financial need.

The Bryn Mawr School Scholarship, value \$300, instituted in 1885 by the Board of Managers of The Bryn Mawr School, of Baltimore, Maryland, is offered annually to the graduate of the Bryn Mawr School who has completed the school course with the most distinction and enters Bryn Mawr College.

SCHOLARSHIPS TENABLE IN THE SOPHOMORE YEAR

The James E. Rhoads Memorial Sophomore Scholarship, value \$650, was founded in 1897 in memory of the first President of the College, Dr. James E. Rhoads, by the Alumnæ Association of Bryn Mawr College. It is awarded annually to a student who has attended lectures at Bryn Mawr College not less than one semester, has done excellent work, and expresses her intention of fulfilling the requirements for the degree of Bachelor of Arts at Bryn Mawr College.

The Maria Hopper Scholarships, two in number, value \$200 each, were founded in 1901 by bequest of Maria Hopper of Philadelphia, and are awarded annually.

SCHOLARSHIPS TENABLE IN THE JUNIOR YEAR

The James E. Rhoads Memorial Junior Scholarship, value \$650, was founded in 1897 in memory of the first President of the College, Dr. James E. Rhoads, by the Alumnæ Association of Bryn Mawr College. It is awarded annually to a student who has attended lectures at Bryn Mawr College not less than three semesters, has done excellent work, and expresses her intention of

fulfilling the requirements for the degree of Bachelor of Arts at Bryn Mawr College.

The Anna Hallowell Memorial Scholarship, value \$100, was founded in 1912 in memory of Anna Hallowell by her family. It is awarded annually to the student in need of aid who has the highest academic record.

The Mary E. Stevens Scholarship, value \$500, founded in 1897 in memory of Mary E. Stevens by former pupils of her school, is awarded by the President of the College.

The Jeanne Crawford Hislop Memorial Scholarship, value \$200 and annual accrued interest from the fund, was given in memory of Jeanne Crawford Hislop of the Class of 1940 by Mr. and Mrs. John H. Hislop and Mrs. Frederic W. Crawford. This scholarship may be renewed for the senior year.

SCHOLARSHIPS TENABLE IN THE SENIOR YEAR

The Anna M. Powers Memorial Scholarship, value \$200, was founded in 1902 in memory of Anna M. Powers by her daughter, the late Mrs. J. Campbell Harris.

The Thomas H. Powers Memorial Scholarship, value \$200, was founded in 1922 in memory of Thomas H. Powers by his daughter, the late Mrs. J. Campbell Harris.

SCHOLARSHIPS TENABLE IN THE SOPHOMORE, JUNIOR, OR SENIOR YEAR

The Mary Anna Longstreth Memorial Scholarship, carrying free tuition, was founded in 1913 in memory of Mary Anna Longstreth by alumnæ and children of alumnæ of the Mary Anna Longstreth School and by a few of her friends.

The Anna Powers Memorial Scholarship, value \$150, was founded in 1919 in memory of Anna Powers of the Class of 1890 by her sister, Mrs. Charles Merrill Hough.

The Constance Lewis and Martha Rockwell Moorhouse 1904 Memorial Scholarship, value \$500, has been given in memory of Constance Lewis and Martha Rockwell Moorhouse of the Class of 1904.

The Amelia Richards Scholarship, value \$500, was founded in 1921 in memory of Amelia Richards of the Class of 1918 by bequest of her mother, Mrs. Frank P. Wilson. It is awarded annually by the Trustees on the nomination of the President.

The George Bates Hopkins Memorial Scholarships, two in number, value \$200 each, were founded in memory of her father by Mrs. Elizabeth Hopkins Johnson, and are awarded annually. Preference is given to students of Music and, in default of these, to students majoring in History, and thereafter to students in other departments.

The Elizabeth Wilson White Memorial Scholarship, value \$300, was founded in 1923 in memory of Elizabeth Wilson White by Mr. Thomas Raeburn White. It is awarded annually by the President.

The Abby Slade Brayton Durfee Scholarship, value \$150, was founded in 1924 in honor of his wife by bequest of Randall Nelson Durfee. Preference in awarding it is given to candidates of English or American descent and to descendants of the Class of 1894.

The Leila Houghteling Memorial Scholarship, value \$400, 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. It is 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 and is held during the remaining three years of her college course.

The Misses Kirk Scholarship, value \$100, was founded in 1929 in honor of the Misses Kirk by the Alumnae Association of the Kirk School.

The Evelyn Hunt Scholarships, two in number, value \$200 each, were founded in 1931 in memory of Evelyn Hunt of the Class of 1898 by bequest of Eva Ramsay Hunt.

The Mary McLean and Ellen A. Murter Memorial Fund was founded in 1933 in memory of her two aunts by bequest of Mary E. Stevens of Germantown, Philadelphia. By vote of the Board of Directors the income is used for an annual scholarship, value \$200.

The Lila M. Wright Memorial Scholarship, value \$100, was founded in 1934 in memory of Lila M. Wright by the alumnae of Miss Wright's School.

The Shippen Huidekoper Scholarship, value \$200, was founded in 1936, and is awarded annually on the nomination of the President.

The Anna Margaret Sloan and Mary Sloan Scholarships, two in number, value \$300 each, were founded in 1942 by bequest of Mary Sloan of Pittsburgh. They are awarded annually to students majoring in Philosophy or Psychology.

The Mary Williams Sherman Memorial Scholarship, value \$100, was founded in 1942 by bequest of Bertha Williams of Princeton, New Jersey.

The Lorenz-Showers Scholarship Fund, value \$100, was established in 1943 by Justina Lorenz Showers of Dayton, Ohio, of the Class of 1907, in honor of her parents, Edmund S. Lorenz and Florence K. Lorenz, and of her husband, John Balmer Showers.

The Jacob Orie and Elizabeth S. M. Clarke Memorial Scholarship, value \$200, was established in 1948 from the estate of Elizabeth Clarke, to be awarded annually to a student born in the United States or any of its territories.

The Book Shop Scholarships are awarded annually from the profits of the Bryn Mawr College Book Shop.

OTHER AWARDS

The Alice Ferree Hayt Memorial Award, given in 1922, is awarded annually by Mrs. E. Todd Hayt.

The Susan Shober Carey Award, value \$50, was founded in memory of Susan Shober Carey by a gift of the Class of 1925, and is awarded annually by the President.

The Mary Peabody Williamson Scholarship, value \$40, was founded in 1939 by bequest of Mary Peabody Williamson of the Class of 1903.

The Georgie W. Yeatman Scholarship, value \$40, was founded in 1941 by bequest of Georgie W. Yeatman of Philadelphia.

MEDICAL COLLEGE SCHOLARSHIPS

The Hannah E. Longshore Memorial Medical Scholarship was founded by Mrs. Rudolph Blankenburg in memory of her mother. The scholarship is awarded by a committee of the Faculty to a student who has been accepted by a medical school, and may be renewed for each year of medical study. Applications should be made in writing to the Dean of the College, stating the extent of the applicant's financial need, and her intention to engage in medical practice. Applications for renewal should include letters of recommendation from instructors in the medical school.

The Jane V. Myers Memorial Medical Scholarship was founded by Mrs. Rudolph Blankenburg in memory of her aunt. The scholarship is awarded by a committee of the Faculty to a student who has been accepted by a medical school, and may be renewed for each year of medical study. Applications should be made in writing to the Dean of the College, stating the extent of the applicant's financial need, and her intention to engage in medical practice. Applications for renewal should include letters of recommendation from instructors in the medical school.

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 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, 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 or to students in their first year of graduate work. No student may borrow more than an aggregate amount of \$600 during her entire college course.

The terms under which money is loaned are as liberal as is consistent with business-like principles. While the student is in College interest is charged at the rate of one per cent; after the student leaves College the interest rate is two per cent. The entire principal must be repaid within five years from the time the student leaves College at the rate of twenty per cent each year.

Contributions to the Loan Fund may be sent to the Chairman of the Scholarships and Loan Fund Committee, Alumnae Office, The Deanery, 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 second floor of the Deanery.

MARY HILL SWOPE LOAN FUND

This was established June 1, 1945 by a gift of Mrs. Gerard Swope (Mary Hill, A.B. 1896) under the following conditions:

To assist in the education of young women irrespective of color or creed attending Bryn Mawr College, the income of the fund to be loaned to students in the following manner:

1. The following order of preference shall be followed in awarding such loans:
 - A. To students coming from New Jersey.
 - B. To students coming from Missouri.
 - C. To students coming from any other location who have had not less than one year of residence at the College.
2. The loans in the above order of preference, and in the following manner, shall be awarded by the President of Bryn Mawr College, or by a Committee appointed by her from time to time.
3. Applicants for loans shall be considered not only from the standpoint of academic attainment and financial need, but also from the standpoint of character and personal qualifications for deriving the greatest good from a continuation of their studies.
4. These loans shall be used primarily to enable the exceptional student to continue her studies which otherwise would be prevented through lack of means.
5. In the awarding of the loans, the recipient should understand that if in after years she is in a position to do so, she is to repay to the income account of the Loan Fund the amount so loaned to her, with or without interest. It is to be understood that this is entirely a moral obligation upon the recipient.

THE BUREAU OF RECOMMENDATIONS

The College conducts a Bureau of Recommendations for alumnae, students, and former students of the College. This bureau offers an employment service for permanent, temporary, and part-time positions; and a vocational service for the student body, which includes vocational tests, assistance in choosing a vocation, and the presentation of a series of conferences and lectures. It also acts as a clearing house for letters of recommendation for those who have registered with the bureau. These letters will be sent, upon request, to prospective employers and other agencies.

BEQUEST FORM

The Trustees of Bryn Mawr College will welcome any gift, bequest, or award which is to be devoted to general endowment, or to the endowment of professors' chairs, scholarships, or fellowships 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 \$200,000 will endow a professor's chair and the sum of \$18,000 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 Commonwealth 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

GRADUATE COURSES

ISSUE FOR THE SESSION OF

1948.1949

JUNE 1948

FOREWORD

Bryn Mawr College was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his lifetime the site of the College at Bryn Mawr, Pennsylvania, eleven 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 maintenance of this institution of higher education for women. In 1880 the College was incorporated under the laws of the Commonwealth of Pennsylvania and was invested with the power to confer degrees. In 1883 the Trustees issued a circular of information. In 1884 Dr. James E. Rhoads was elected President of the College and Dr. M. Carey Thomas was elected Dean of the Faculty. Plans were then matured and academic appointments were made. In the autumn of 1885 the College began its first academic year. On the resignation of President Rhoads in 1893 Dean Thomas was elected to the presidency, an office she held till her retirement in 1922. President Marion Edwards Park succeeded President Thomas in 1922 and retired in 1942. President Katharine Elizabeth McBride took office on July 1, 1942.

The Graduate School of Bryn Mawr College gives advanced instruction and fosters research in the fields of ancient and modern languages and literatures, art and archæology, mathematics and the natural sciences, the social sciences, philosophy and psychology, and education. The College offers special opportunities to its graduate students to investigate problems in small seminaries under the personal direction of members of the faculty. It has been the policy of the Trustees to provide in every fully organized department for graduate as well as undergraduate study.

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

CALENDAR

1948-49

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23	24	25	26	27	28	29	26	27	28	29	30				
30	31														

COLLEGE CALENDAR

1948-49

- 1948
- FIRST SEMESTER
- September 23. Halls of Residence open to the entering class at 8 A.M.
Registration of Freshmen
Advanced Standing Examinations begin
Deferred, condition and auditors' examinations begin
25. Graduate Center open to new graduate students at 9 A.M.
Registration of new graduate students
Deferred, condition and auditors' examinations end
26. Halls of residence open to all students at 3 P.M.
27. Registration of students
28. Work of the 64th academic year begins at 8.45 A.M.
- October 9. German examinations for undergraduates, M.A. and Ph.D. candidates
14. Advanced Standing examinations end
- *16. French examinations for undergraduates, M.A., and Ph.D. candidates
23. Spanish and Italian examinations for undergraduates and M.A. candidates.
30. Hygiene examination
- November 24. Thanksgiving holiday begins after last class
29. Thanksgiving holiday ends at 9 A.M.
- December 17. Christmas vacation begins at 12.45 P.M.

- 1949
- January 3. Christmas vacation ends at 9 A.M.
8. German examinations for Seniors conditioned, M.A. and Ph.D. candidates
14. Last day of lectures
15. French examinations for Seniors conditioned, M.A. and Ph.D. candidates
17. Collegiate examinations begin
- *22. Spanish and Italian examinations for undergraduates and M.A. candidates.
29. Collegiate examinations end

SECOND SEMESTER

- February 1. Work of the second semester begins at 9 A.M.
- March 25. Spring vacation begins after last class
- April 4. Spring vacation ends at 9 A.M.
Deferred examinations begin
9. Deferred examinations end
- *23. French examinations for undergraduates, Ph.D. candidates, and M.A. candidates for 1950
30. Spanish and Italian examinations for undergraduates, Ph.D. candidates, and M.A. candidates for 1950
- May 7. German examinations for undergraduates, Ph.D. candidates, and M.A. candidates for 1950
13. Last day of lectures
16. Collegiate examinations begin
27. Collegiate examinations end
29. Baccalaureate service
31. Conferring of degrees and close of 64th academic year

*Additional language examinations (Russian, Greek, etc.) will be scheduled during this period in relation to other examinations of the students concerned.

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ADELAIDE W. NEALL
ELEANOR LITTLE ALDRICH⁷
OLIVIA STOKES HATCH⁸
Alumnae Director, 1943-48
ELEANOR A. BLISS
Alumnae Director, 1944-49
MARJORIE MARTIN TOWNSEND⁹
Alumnae Director, 1945-50
HELEN TREDWAY GRAHAM¹⁰
Alumnae Director, 1946-51
JEAN T. PALMER
Alumnae Director, Dec. 1947-52

MARION EDWARDS PARK, by invitation
President Emeritus of Bryn Mawr College

MARGARET TYLER PAUL,¹¹ by invitation
President of Alumnae Association

¹ Mrs. Henry Goddard Leach.

² Mrs. Rustin McIntosh.

³ Mrs. Morgan Vining.

⁴ Mrs. F. Louis Slade.

⁵ Mrs. James Chadwick-Collins.
(Deceased May 20, 1948)

⁶ Mrs. Everett N. Case

⁷ Mrs. Talbot Aldrich.

⁸ Mrs. John Davis Hatch, Jr.

⁹ Mrs. Harold E. Townsend.

¹⁰ Mrs. Evarts Graham.

¹¹ Mrs. Samuel H. Paul.

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Committee on Religious Life

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KATHARINE ELIZABETH McBRIDE
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CAROLINE McCORMICK SLADE, *Chairman*
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and Chairman of The Executive Committee, Semester II
ELEANOR A. BLISS, *Secretary*
CAROLINE MORROW CHADWICK-COLLINS, *Treasurer*
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MILLICENT CAREY McINTOSH
JOSEPHINE YOUNG CASE
ELEANOR LITTLE ALDRICH
OLIVIA STOKES HATCH
MARJORIE MARTIN TOWNSEND
HELEN TREDWAY GRAHAM
JEAN PALMER
ELIZABETH GRAY VINING

COLLEGE ADMINISTRATION

ACADEMIC YEAR 1947-1948

President: KATHARINE ELIZABETH McBRIDE, Ph.D., LL.D., L.H.D.
Office: Taylor Hall.

Dean of the College: DOROTHY NICOLE NEPPER, Ph.D.
Office: Taylor Hall.

Dean of the Graduate School: LILY ROSS TAYLOR, Ph.D., Litt.D.
Office: The Library.

Dean of Freshmen and Director of Admissions:
ANNIE LEIGH BROUGHTON, M.A.
Office: Taylor Hall.

Director in Residence of the Board of Directors and Editor of Publications: CAROLINE MORROW CHADWICK-COLLINS, A.B.¹
Office: Taylor Hall.

Assistant to the President: DOROTHY MACDONALD, A.B., Semester I
MARGARET TYLER PAUL, A.B., Semester II
Office: Taylor Hall.

Recorder of the College: MARIAN CARTER ANDERSON, B.S.
Office: Taylor Hall.

Director of the Bureau of Recommendations:
LOUISE FROST HODGES CRENSHAW, A.B.
Office: Taylor Hall.

Assistant Director of Public Relations:
ELOISE CHADWICK-COLLINS SUTTON, A.B.
Office: Taylor Hall.

Assistant Editor of Publications and Assistant to the Director in Residence: MARGARET SIMPSON DAVID, M.A.
Office: Taylor Hall.

Assistant to the Director of Admissions:
JEAN BRUNN MUNGALL, A.B.
Office: Taylor Hall.

Adviser in the Bureau of Recommendations:
NATICA BATES.
Office: Taylor Hall.

Director of Halls and Head Warden:
CHARLOTTE BRANDON HOWE, M.A.
Office: Rockefeller Hall.

Warden of Denbigh Hall: SALLY BARCLAY STEVENSON, A.B.

Warden of Merion Hall: FRANCES CROFTS, A.B.

¹ Deceased May 20, 1948.

- Warden of Pembroke Hall East:* ANNE COLCORD, A.B.
- Warden of Pembroke Hall West:* EVELYN CORNELIA HALLER, M.A.
- Warden of Rhoads Hall North:* REBECCA COOPER WOOD, A.B.
- Warden of Rhoads Hall South:* LOIS LENOIR POST, A.B.
- Warden of Rockefeller Hall:* RUTH ELIZABETH GRUN, A.B.
- Warden of Spanish House (East House):* GLORIA CORTÉS, *Licenciada*
- Warden of French House (Wyndham):* LISETTE GABRIELLE RENÉE NIGOT, *Licenciée-ès-lettres*
- Warden of German House (Denbigh Wing):* ELFRIEDE FRIESE, M.S.S.
- Senior Resident of Radnor Hall:* BARBARA ADAMS CRAWFORD, A.B.
- College Physician:* ELIZABETH HUMESTON, M.D.
Office: The Infirmary.
- Assistant College Physician:* ISAAC SHARPLESS, M.D.
Office: The Infirmary.
- Attending Psychiatrist:* C. H. HARDIN BRANCH, M.D.
Office: The Infirmary.
- Director of Physical Education:* IRENE A. CLAYTON, M.S.
Office: The Gymnasium.
- Assistant Director of Physical Education:* ETHEL M. GRANT
Office: The Gymnasium.
- Librarian:* JANET AGNEW, B.L.S., M.A.
Office: The Library.
- Assistant to the Treasurer:* SANDY LEE HURST.
Office: Taylor Hall.
- Comptroller:* RAYMOND G. BUCKLEY.
Office: Taylor Hall.
- Superintendent:* HORACE T. SMEDLEY.
Office: Rockefeller Hall.

FACULTY AND STAFF

ACADEMIC YEAR, 1947-48

KATHARINE ELIZABETH MCBRIDE, Ph.D., LL.D., L.H.D., *President of the College.*

MARION EDWARDS PARK, Ph.D., LL.D., *President Emeritus of the College.*

DOROTHY NICOLE NEPPER, Ph.D., *Dean of the College.*

LILY ROSS TAYLOR, Ph.D., Litt.D., *Dean of the Graduate School and Professor of Latin.*

ANNIE LEIGH BROUGHTON, M.A., *Dean of Freshmen and Director of Admissions.*

CAROLINE MORROW CHADWICK-COLLINS, A.B.,¹ *Director in Residence of the Board of Directors.*

WILMER CAVE WRIGHT, Ph.D., *Professor Emeritus of Greek.*

REGINA KATHARINE CRANDALL, Ph.D., *Professor Emeritus of English Composition.*

LUCY MARTIN DONNELLY, A.B., *Professor Emeritus of English.*

SUSAN MYRA KINGSBURY, Ph.D., LL.D., *Professor Emeritus of Social Economy.*

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

CHARLES GHEQUIERE FENWICK, Ph.D., LL.D., *Professor Emeritus of Political Science.*

EUNICE MORGAN SCHENCK, Ph.D.² *Class of 1907 Professor of French.*

SAMUEL CLAGGETT CHEW, Ph.D.,³ *Mary E. Garrett Alumna Professor of English Literature and Holder of the Mary Hill Swope Grant.*

RHYS CARPENTER, Ph.D., Litt.D., *Professor of Classical Archaeology and Holder of a Julius and Sarah Goldman Grant.*

JAMES LLEWELLYN CRENSHAW, Ph.D., *Professor of Physical Chemistry.*

HELEN TAFT MANNING, Ph.D., LL.D.,⁴ *Marjorie Walter Goodhart Professor of History.*

ANNA PELL WHEELER, Ph.D., Sc.D., *Professor of Mathematics.*

¹ Deceased May 20, 1948.

² On leave of absence for the first semester of the year 1947-48. Resigned February, 1948.

³ Granted leave of absence for the second semester, 1948-49.

⁴ On leave of absence for the year 1947-48, and granted leave of absence for Semester I, 1948-49.

- MARY HAMILTON SWINDLER, Ph.D., LL.D., *Professor of Classical Archaeology.*
- HORACE ALWYNE, F.R.M.C.M., *Alice Carter Dickerman Professor of Music and Director of the Department of Music.*
- ROGER HEWES WELLS, Ph.D., *Professor of Political Science.*
- JOSEPH E. GILLET, Ph.D.,¹ *Professor of Spanish.*
- MAX DIEZ, Ph.D., *Professor of German Literature.*
- GRACE FRANK, A.B., *Non-resident Professor of Old French Philology.*
- STEPHEN JOSEPH HERBEN, B.Litt, Ph.D., *Professor of English Philology.*
- FRITZ MEZGER, Ph.D., *Professor of Germanic Philology.*
- THOMAS ROBERT SHANNON BROUGHTON, Ph.D., *Professor of Latin.*
- HARRY HELSON, Ph.D.,¹ *Professor of Experimental Psychology.*
- EDWARD H. WATSON, Ph.D., *Professor of Geology.*
- MILTON CHARLES NAHM, B.Litt., Ph.D., *Professor of Philosophy.*
- WALTER C. MICHELS, Ph.D., *Marion Reilly Professor of Physics.*
- CORNELIA LYNDE MEIGS, A.B., *Margaret Kingsland Haskell Professor of English Composition.*
- MARGARET GILMAN, Ph.D.,² *Professor of French.*
- LINCOLN DRYDEN, Ph.D., *Professor of Geology.*
- FLORENCE PETERSON, M.A., *Professor of Social Economy and Director of the Graduate Department of Social Economy and Social Research.*
- ERICH FRANK, Ph.D., *Visiting Professor of Philosophy.*
- PAUL SCHRECKER, Ph.D., *Visiting Professor of Philosophy on a joint appointment with Haverford College and Swarthmore College.*
- MARGUERITE LEHR, Ph.D., *Associate Professor of Mathematics.*
- MARY SUMMERFIELD GARDINER, Ph.D.,³ *Associate Professor of Biology.*
- CAROLINE ROBBINS, Ph.D., *Associate Professor and Professor-elect of History.*
- ANGELINE HELEN LOGRASSO, Ph.D., *Associate Professor of Italian.*
- MYRA RICHARDS JESSEN, Ph.D., *Associate Professor of German.*
- DOROTHY WYCKOFF, Ph.D., *Associate Professor of Geology.*
- BERTHE MARIE MARTI, Ph.D., *Associate Professor of Latin and French.*
- RICHARD BERNHEIMER, Ph.D., *Associate Professor of History of Art*
- RICHMOND LATTIMORE, Ph.D., *Paul Shorey Associate Professor and Professor-elect of Greek.*

¹ Granted leave of absence for the year 1948-49.

² On leave of absence for Semester II, 1947-48.

³ On leave of absence for the year 1947-48.

- MARY KATHARINE WOODWORTH, Ph.D.,¹ *Associate Professor of English.*
- ARTHUR COLBY SPRAGUE, Ph.D., *Associate Professor of English Literature.*
- HERTHA KRAUS, Ph.D., *Carola Woerishoffer Associate Professor of Social Economy.*
- ARTHUR LINDO PATTERSON, Ph.D., *Associate Professor of Physics.*
- GERMAINE BRÉE, *Agrégée, Associate Professor of French.*
- K. LAURENCE STAPLETON, A.B.,² *Associate Professor of English and Professor-elect of English and of Political Theory.*
- JOSEPH CURTIS SLOANE, JR., M.F.A.,³ *Associate Professor of History of Art.*
- MILDRED BENEDICT NORTHROP, Ph.D., *Associate Professor of Economics.*
- JANE MARION OPPENHEIMER, Ph.D., *Associate Professor of Biology.*
- ALEXANDER COBURN SOPER, M.F.A., Ph.D., *Associate Professor and Professor-elect of History of Art.*
- JOHN CHESTER MILLER, Ph.D.,¹ *Associate Professor of History.*
- JOHN CORNING OXTOBY, M.A., *Associate Professor of Mathematics.*
- ISABEL SCRIBNER STEARNS, Ph.D.,⁴ *Associate Professor of Philosophy.*
- AGNES KIRSOPP MICHELS, Ph.D., *Associate Professor of Latin.*
- L. JOE BERRY, Ph.D.,³ *Associate Professor of Biology.*
- MARSHALL DEMOTTE GATES, JR., Ph.D., *Associate Professor of Chemistry.*
- ERNST BERLINER, Ph.D., *Associate Professor of Chemistry.*
- FELIX GILBERT, Ph.D., *Associate Professor of History.*
- EVELYN GENTRY CALDWELL, Ph.D., *Associate Professor of Psychology.*
- FREDERICA DE LAGUNA, Ph.D., *Assistant Professor of Anthropology.*
- RACHEL DUNAWAY COX, Ph.D., *Assistant Professor of Education and Psychology.*
- BETTINA LINN, M.A., *Assistant Professor of English.*
- JOSHUA C. HUBBARD, Ph.D., *Assistant Professor and Associate Professor-elect of Economics.*
- FREDERICK W. THON, M.F.A., *Assistant Professor of English and Associate Professor-elect of The Drama.*
- MABEL LOUISE LANG, Ph.D.,⁴ *Assistant Professor of Greek.*
- GEORGE CUTTINO, Ph.D.,⁴ *Assistant Professor of History on a joint appointment by Bryn Mawr College and Swarthmore College.*

¹ Granted leave of absence for Semester II, 1948-49.

² On leave of absence for Semester I, 1947-48, and granted leave of absence for Semester I, 1948-49.

³ Granted leave of absence for the year 1948-49.

⁴ On leave of absence for the year 1947-48.

- RICHARD M. MARTIN, Ph.D., *Assistant Professor of Philosophy.*
- LOUIS PAMPLUME, Agrégé, *Assistant Professor of French.*
- FRANCES DE GRAAFF, Ph.D., *Assistant Professor of Russian on a joint appointment by Bryn Mawr College and Haverford College.*
- MANUEL ALCALÁ, Litt.D., *Assistant Professor of Spanish.*
- ROBERT L. GOODALE, A.B., B.Mus., A.A.G.O., *Assistant Professor of Music.*
- LINDLEY J. BURTON, Ph.D., *Assistant Professor-elect of Mathematics.*
- ROSALIE C. HOYT, Ph.D., *Assistant Professor-elect of Physics.*
- MARY MARGARET ZENDER, M.A., M.S.S., *Lecturer in Social Economy.*
- MURIEL JANET GAYFORD, M.S.P.A., *Lecturer in Medical Social Case Work.*
- KATHERINE D. K. LOWER, Ph.D., *Lecturer in Social Economy.*
- DELIGHT TOLLES, Ph.D., *Lecturer in Greek.*
- CHARLES WILBUR UFFORD, Ph.D., *Lecturer-elect in Physics.*
- JEANNE DEBOW BRUGGER, Ph.D., *Lecturer-elect in Psychology.*
- ANDREW P. USHENKO, Ph.D., *Visiting Lecturer in Philosophy.*
- FRANCIS COPE EVANS, D.Phil., *Visiting Lecturer in Biology, Semester II.*
- ROBERT ROSWELL PALMER, Ph.D., *Visiting Lecturer in History, Semester II.*
- FREDERICK L. JONES, Ph.D., *Visiting Lecturer-elect in English, Semester II.*
- MARY H. EASBY, M.D., *Special Lecturer in Medical Information, Semester I.*
- LEON B. SAUL, M.D., *Special Lecturer in Psychiatric Information, Semester I.*
- M. ROYDEN C. ASTLEY, M.D., *Special Lecturer in Psychiatric Information, Semester II.*
- EDITH HAMILTON LANMAN, M.A., *Instructor in Chemistry.*
- MARTHA MEYSENBERG DIEZ, M.A., *Instructor in German.*
- HILDE D. COHN, Ph.D., *Instructor in German.*
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- PETER BACHRACH, M.A., *Instructor and Assistant Professor-elect in Political Science.*
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- KERNAN BRADLEY WHITWORTH, M.A., *Instructor in French.*
- WILLIAM E. NORRIS, JR., Ph.D., *Instructor and Assistant Professor-elect in Biology.*

- JEAN S. OXTOBY, M.A., *Instructor in Mathematics.*
- MURRAY GORDON DE JERSEY, M.A., *Instructor in Psychology.*
- PHYLLIS PLYLER PARKINS, M.A., *Instructor in Biology, Semester I.*
- DEBORAH SANDS AUSTIN, M.A., *Instructor in English.*
- CARMEN FIGUEROA, M.A., *Instructor in Spanish.*
- CHARLES ROBERTS PEAVY, M.A., *Instructor in Sociology.*
- HELEN HARTMAN GEMMILL, A.B., *Instructor in English, Semester II.*
- JOY C. LEVY, M.A., *Instructor-elect in History of Art.*
- JEAN SABATIER, *Licencié-ès-lettres, Instructor-elect in French.*
- ELIZABETH BOOTH, A.B., *Reader in Music.*
- BARBARA ADAMS CRAWFORD, A.B., *Reader in History of Art, and Senior Resident of Radnor Hall.*
- JOSEPHINE J. CARR, A.B., *Reader in Mathematics.*
- JANE HADAS, A.B., *Reader-elect in Mathematics.*
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- KATHARINE LUTZ, M.A., *Demonstrator in Geology.*
- CYNTHIA ELIZABETH BOUDREAU, M.A., *Demonstrator in Geology.*
- FRANCES BONDHUS BERLINER, Ph.D., *Demonstrator in Chemistry.*
- MARY LOU HACKENTHAL BEIDLER, A.B., *Demonstrator in Physics.*
- NORMA CURTIS JOHNSON, M.A., *Demonstrator in Physics.*
- CONNIE VAN ERT EVRARD, A.B., *Demonstrator in Psychology.*
- BARBARA ANN JOUBERT PALM, A.B., *Demonstrator in Physics.*
- JUNE RITA HERBERT KRAVITZ, A.B., *Demonstrator in Physics.*
- LUCILLE HOLLJES ALTSCHUL, M.A., *Demonstrator in Chemistry.*
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- CHI SHANG CH'IH, M.A., *Demonstrator-elect in Geology.*
- EVELYN A. SCLUFER, A.B., *Demonstrator-elect in Biology.*
- MARY R. DAY, A.B., *Demonstrator-elect in Biology.*
- EILEEN BEIER MAHER, A.B., *Demonstrator-elect in Psychology.*
- BERNICE PORTEOUS, M.A. *Demonstrator-elect in Biology.*
- RICHARD C. BARBERA,¹ *Demonstrator-elect in Physics.*
- GRACE PETERS,² *Demonstrator-elect in Chemistry.*
- MARY PHYLLIS VIPOND, M.A., *Research Assistant in Chemistry and Geology.*

¹ B.S. to be conferred June, 1948.

² A.B. to be conferred June, 1948.

- MYRTLE CORLISS NASH, M.A., *Assistant in the Educational Service.*
 KATHARINE M. DOWNING, A.B., *Assistant in Economics and Statistics.*
 CHRISTIE WEATHERBY HASTINGS, A.B., *Assistant in Political Science.*
 JEANNE DEBOW BRUGGER, M.A., *Assistant in Psychology, Semester I
 and Lecturer-elect in Psychology.*
 REBECCA COOPER WOOD, A.B., *Assistant in Classical Archæology and
 Warden of Rhoads North.*
 MARILYN MEYER, M.A., *Assistant in Philosophy.*
 LOUISE SHANNON DUBOSE, A.B., *Assistant-elect in Philosophy.*
 LUCILLE FEIDEN, A.B., *Assistant-elect in History of Art.*
 DOROTHY LEADBEATER, M.A., *Assistant-elect in History of Art.*
 CORLETTE ROSSITER, A.B.,¹ *Assistant-elect in History of Art.*
 WILLIAM REESE, Ph.D., *Director of Orchestra and Instrumental
 Ensemble Groups.*
 MORRIS BLACKBURN, *Visiting Artist.*

LIBRARY

- JANET AGNEW, B.L.S., M.A., *Librarian.*
 MARY LOUISE TERRIEN, A.B., B.S., *Circulation and Reference Li-
 brarian.*
 HELEN COREY GEDDES, A.B., B.S., *Head Cataloguer.* ♦
 ANNA ELIZABETH DOUGHERTY, A.B., B.S., *Assistant Cataloguer.*
 ETHEL W. WHETSTONE, A.B., *Library Assistant in the Quita Wood-
 ward Wing.*
 MARIBEL SCOLES, A.B., B.S., *Librarian in Charge of the Science
 Libraries.*
 ELEANOR ADAMS, B.S., *Assistant Cataloguer.*
 ALICE B. COMLY, *Assistant to the Circulation Librarian.*

HALLS OF RESIDENCE

- CHARLOTTE BRANDON HOWE, M.A., *Director of Halls and Head
 Warden.*
 BARBARA ADAMS CRAWFORD, A.B., *Senior Resident of Radnor Hall.*
 FRANCES CROFTS, A.B., *Warden of Merion Hall.*
 EVELYN CORNELIA HALLER, M.A., *Warden of Pembroke West.*
 ANNE COLCORD, A.B., *Warden of Pembroke East.*
 LOIS LENOIR POST, A.B., *Warden of Rhoads South.*

¹ M.A. to be conferred June, 1948.

- ELFRIEDE FRIESE, M.S.S., *Warden of German House (Denbigh Wing).*
- LISETTE GABRIELLE RENÉE NIGOT, *Licenciée-ès-lettres, Warden of French House (Wyndham).*
- GLORIA CORTÉS, *Licenciada, Warden of Spanish House (East House).*
- RUTH ELIZABETH GRUN, A.B., *Warden of Rockefeller Hall.*
- SALLY BARCLAY STEVENSON, A.B., *Warden of Denbigh Hall.*
- REBECCA COOPER WOOD, A.B., *Warden of Rhoads North.*
- PAULINE UTSINGER, A.B., *Warden-elect.*

HEALTH

- The President and Deans of the College, *ex officio.*
- ELIZABETH HUMESTON, M.D., *College Physician.*
- FREDERIC C. SHARPLESS, M.D., *General Consultant.*
- ISAAC SHARPLESS, M.D., *Assistant College Physician.*
- C. H. HARDIN BRANCH, M.D., *Attending Psychiatrist.*
- IRENE A. CLAYTON, M.S., *Director of Physical Education.*

PHYSICAL EDUCATION

- IRENE A. CLAYTON, M.S., *Director of Physical Education.*
- ETHEL M. GRANT, *Assistant Director of Physical Education.*
- JANET A. YEAGER, *Instructor in Physical Education.*
- EMELIA-LOUISE JEPSON KILBY, M.A., *Instructor in Physical Education.*

BUSINESS ADMINISTRATION

- CHARLOTTE BRANDON HOWE, M.A. *Director of Halls.*
- SANDY LEE HURST, *Assistant to the Treasurer.*
- RAYMOND G. BUCKLEY, *Comptroller.*
- HORACE T. SMEDLEY, *Superintendent.*
- JOSEPHINE FALCONE McCUSKER, *Purchasing Agent and Manager of the Business Office.*
- MARJORIE E. BACHELLER, B.S., *Dietitian.*
- WINFIELD DAUGHERTY,¹ *Fire Chief.*
- WILLIAM J. BURKE, *Fire Chief.*

¹ Died April 3, 1948.

ADMISSION

The Graduate School is open to qualified graduates in liberal arts courses of colleges or universities of acknowledged standing. Application for admission, to be made to the Dean of the Graduate School, should be accompanied by a copy of the student's full academic record and by letters from the Dean and from two or more professors of the applicant's undergraduate college. Admission to graduate courses is under the jurisdiction of the various departments which may, at their discretion, require students whose preparation is insufficient to pursue certain introductory courses before being enrolled in a graduate course. Admission to the Graduate School does not automatically qualify a student to become a candidate for an advanced degree. Students whose courses of study meet the prerequisites may on application to the Graduate Committee be enrolled as candidates for the Degrees of Master of Arts, Master of Social Service, or Doctor of Philosophy.

Men as well as women are admitted to the Graduate School and are accepted as candidates for the Degrees of Master of Arts, Master of Social Service, and Doctor of Philosophy.

Graduate Record Examination. The Bryn Mawr Graduate School recognizes as contributory evidence of the qualifications of a student for admission a record of attainment in the Graduate Record Examination as prepared and administered by the Carnegie Foundation for the Advancement of Teaching. This examination is a convenient method by which a student may supplement transcript records. Applicants for admission to the Graduate School who wish to take the examination should apply directly to the Graduate Record Examination, 437 West 59th Street, New York 19, N. Y., where full information may be secured and arrangements for taking the test may be made. There is a fee of \$3.00.

RESIDENCE AND EXPENSES

On entrance to the College every graduate student must register immediately at the office of the Dean of the Graduate School. (For registration of courses, see pages 30-31.)

Holders of resident fellowships and scholarships are expected to live in the Graduate Center which consists of a residence hall and two small apartments close by. Other graduate students may live in the Graduate Center if rooms are available. Students not in residence are expected to make arrangements satisfactory to the College. With the exception of four double rooms, all rooms in the Graduate Center are single. They are fully furnished except for rugs, curtains, and towels, which the student is expected to provide.

Application for a room should be made as early as possible. A room-contract, which will be sent on request, must be signed and returned with the registration fee of ten dollars to the Dean of the Graduate School. The amount of this fee will be deducted from the residence fee. The fee will not be refunded under any circumstances. A student in residence or a new student who cancels her reservation after September first prevents some other student from obtaining accommodation and consequently admission to the College. Therefore unless a student sends notice of withdrawal in writing to the Dean of the Graduate School before September first, she is responsible for that portion of the residence charge which the College loses by reason of her withdrawal, whether she fails to occupy the room at all or vacates it during the year. Appropriate reduction or remission is made for that portion of the residence fee which represents reduced expense to the College for food; a further remission or reduction is made if the College is able to reassign the student's room to some other student not previously in residence. The student herself is not entitled to dispose of the room she leaves vacant. In case of absence from the College extending over six weeks or more, owing to illness, there will be a proportionate reduction in the charge for the cost of food.

The charge for residence (room and board) for graduate students is \$750 a year, payable \$450 in the first semester and \$300 in the second semester.

The residence halls are closed during the Christmas vacation but accommodations in the neighborhood can usually be secured by graduate students who wish to continue their work. During the spring vacation one hall of residence is kept open and graduate students may occupy rooms in it as a fixed rate. Any student remaining in Bryn Mawr or nearby and not in the College or in her own home for all or part of a vacation must make arrangements satisfactory to the Dean of the Graduate School.

The College reserves the right to exclude at any time 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; fellowships and scholarships will be cancelled.

The College reserves the right, if parents cannot be reached, to make decisions concerning emergency operations or other matters of health in regard to the students.

The tuition fee for graduate students is four hundred dollars a year, payable one half on registration and the other half at the beginning of the second semester. For students registered for less than full-time work the fees are as follows:

For one graduate course or seminary, or one unit of independent work	\$150
For one undergraduate course	175
(Candidates for the degree of Master of Arts or Master of Social Service are charged \$150 for an undergraduate course which is taken in partial fulfilment of the requirements for that degree.)	

Fees for auditors are the same as for students registered in courses for credit.

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, are 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.

All students taking courses which require field work in the Department of Social Economy and Social Research are charged a laboratory fee of \$10 a semester for each course taken. This fee covers a part of the expenses of field supervision. In addition students are required to meet their travelling and incidental expenses while working in the field during the academic year and vacations.

The graduation fee for Doctors of Philosophy, Masters of Arts, and Masters of Social Service is \$20.00.

The Office of the Recorder will supply on request one transcript of the record of each graduate student free of charge. For additional transcripts a charge of \$1.00 each will be made.

SUMMARY OF TOTAL EXPENSES FOR THE ACADEMIC YEAR

Tuition fee (not counting laboratory fees).....	\$400
Residence	750
Total	\$1150

Students whose fees are not paid before November first in the first semester and before March first in the second will not be permitted to continue in residence or to attend their classes. No reduction of the tuition fee will be made on account of absence or dismissal or for any other reason.

GRADUATE CLUB

All resident students in the Graduate School are members of the Graduate Club and non-resident students may become members. The organization of the life of the graduate students in all matters not purely academic or affecting hall management is in the hands of the club. The President of the Graduate Club is a member of the College Council, a non-legislative body which meets periodically to discuss matters concerning the College as a whole. The Council of the Graduate Club considers policies relating particularly to the Graduate School.

HEALTH

Every entering resident graduate student is required to file at the office of the Dean of the Graduate School, on a blank to be secured from the Dean of the Graduate School, a report of a recent medical examination, filled out and signed by a physician.

Every graduate student whether resident or non-resident must file a physician's certificate stating that she has been vaccinated against smallpox during the year before entrance to the Graduate School and that she exhibited a typical or immune reaction to this vaccination. Students who do not certify to vaccination will be vaccinated by the College Physician and charged a fee of two dollars. There is no exception to this rule.

There is required on the medical examination blank a statement of immunization against tetanus by toxoid and of evidence of a negative Schick test. If these have not been done the student should arrange to have these immunizations completed before admission to College. A statement to that effect signed by the examining physician must be presented at the time of entrance.

Every resident graduate student must file a certificate stating that her eyes have been examined by an oculist within six months before entrance to the Graduate School. Failure to comply with the above rule entails an examination by one of the college consultants for which the student will be charged as a private patient by the ophthalmologist who makes the examination.

Every resident graduate student has a chest X-ray at the beginning of each year. These X-rays are made with paper plates, and a fee of about two dollars is charged for each. If necessary the paper plate is checked with stereoscopic celluloid films, the fee for which is twenty dollars. Any graduate student who has had a chest X-ray within six months preceding the opening of any year will be excused from this procedure, provided a complete report has been filed with the College before September fifteenth of the year in question.

Every resident graduate student is examined each year by the Physician of the College, with reference to physical development and general health. Any graduate student who at the time of the examination or at any time during the year is not in good health is placed on the health supervision list.

The College Physician is in her office in the college infirmary daily and may be consulted by the students without charge. Specialists practicing in Bryn Mawr and Philadelphia serve as consulting physicians to the College. The fees of the consulting physicians and surgeons and other specialists recommended by the College will be furnished on request. The infirmary is open when college is in session and during the spring vacation. It is closed during the Christmas vacation.

The residence charge paid by each resident graduate student entitles her to free consultation with the College Physicians and to treatment in the college dispensary. It also entitles her to be cared for in the infirmary for seven 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 contagious and is not sufficiently serious to require the services of a special nurse. The fee for each day in the infirmary after the seven-day period is six dollars. In case of contagious disease the student must meet or share the expense of special nursing.

Non-resident graduate students may, if they so desire, pay a non-resident infirmary fee of five dollars which entitles them to a medical examination by the College Physician and to dispensary care. Non-resident students may also take the opportunity to have a paper plate chest X-ray at a fee of about two dollars when the annual college X-ray survey is made in the autumn.

THE LIBRARY

The Library of Bryn Mawr College contains over 203,000 volumes and approximately 12,000 pamphlets. Nine hundred periodicals and serial publications in English, French, German, Italian, Spanish, and Swedish are currently received. The basic collection of books is contained in the M. Carey Thomas Library. The seminary rooms of each department contain books needed for graduate study. Dalton Hall contains the departmental libraries in Biology, Mathematics, and Physics; Park Hall the departmental libraries in Chemistry and Geology.

The privilege of drawing books from any of these collections (with the exception of those books that are on reserve) is granted to all registered students. There is free access to the stacks. The library is open daily, except Sunday, from 8 A.M. to 10 P.M. and on Sunday from 9 A.M. to 10 P.M.

Students have the privilege of using the Library at Haverford College. The Bryn Mawr catalogue includes duplicate "author cards" of books at Haverford and facilitates the exchange of books between the two institutions.

OTHER LIBRARY FACILITIES

The Union Library Catalogue in the Fine Arts Building of the University of Pennsylvania makes possible the easy location of books to be found in any of about one hundred and sixty cooperating libraries in the Philadelphia metropolitan area. This catalogue contains a record of about 3,500,000 titles. The Philadelphia Bibliographical Center and Union Library Catalogue endeavors to assist research workers in bibliographical problems which fall outside the scope of any individual library.

The University of Pennsylvania libraries, main, departmental, and special, contain approximately 1,135,000 bound volumes and 230,500 pamphlets. Notable among the special collections are the Henry C. Lea Library of Medieval History and the Horace Howard Furness Memorial Library of Shakespeareana. There are also large special collections in Romance literature and philology; in classical literature and philology; in Semitic languages; in early American drama; in archaeology, anthropology, and other fields. The University libraries receive jointly over twenty-five hundred periodicals and several thousand doctoral dissertations annually.

The Philadelphia area is rich in other important libraries. The Historical Society of Pennsylvania possesses extensive collections of manuscripts dealing with both the colonial and national periods, including transcripts of important documentary material from English archives, local records, both American and English, and a great number of special collections. The Library Company of

Philadelphia houses extensive collections of European and American books, pamphlets, periodicals, and society publications in many fields; American history is a major interest. It also includes the Loganian Library, a printed catalogue of which is available. The Free Library of Philadelphia has extensive collections of government publications, and special collections in art, music, law, etc. The American Philosophical Society is rich in important historical manuscripts, pamphlets, and publications of learned societies, etc. The Philadelphia Commercial Museum contains a large library and extensive exhibits pertaining to trade, industry, and geography. Also to be mentioned are the libraries of the Franklin Institute, the Academy of Natural Sciences, the College of Physicians, Swarthmore College, and Temple University. Historical societies in the vicinity of Philadelphia contain collections useful for research in fields other than those of merely local interest.

THE DEGREES OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

Bryn Mawr College awards the degrees of Master of Arts, Doctor of Philosophy, and Master of Social Service. Pamphlets containing full information about the degrees of Master of Arts and Doctor of Philosophy may be obtained on request from the Office of the Dean of the Graduate School. For the requirements for the degree of Master of Social Service see page 54 of this Calendar.

THE DEGREE OF MASTER OF ARTS

The degree represents the completion of a coordinated program of graduate work which, for a well prepared candidate, requires a minimum of a full year of graduate study. Work for the degree may be spread over two or three academic years which need not be in succession but must be included in a five-year period. Only courses taken at Bryn Mawr College are credited for the degree.

Prerequisites. The prerequisite for the M.A. degree is an A.B. degree or its equivalent from an American college of recognized standing¹ or a degree or certificate of the same standard from a foreign university. The preparation must include such undergraduate work in the candidate's major subject and allied fields as various departments shall require.

Application. The candidate must apply for the degree in the department of the major work and must receive the endorsement of the department for the program of work. The application and the program endorsed by the major department must be submitted to the Dean of the Graduate School not later than December first of the academic year in which the candidate wishes to take the degree.

Language Requirement. A reading knowledge of French and German is in general required of all candidates. For the reading knowledge of one of these languages, certain departments may accept another language or a special technique. The only departments which regularly accept substitutes for French or German are Economics and Politics, Educational Psychology, Geology, Psychology, Social Economy, Spanish. Candidates whose major work is in French or German must offer a reading knowledge of another language.

¹ In general, this term is interpreted to mean colleges of the United States and Canada on the approved list of the Association of American Universities. Graduates of other American and Canadian colleges may, at the request of a department, be admitted to candidacy on probation. At any time after the completion of one semester of graduate work at Bryn Mawr College the Graduate Committee may, on the recommendation of the department, accept the student on probation as a candidate.

A student whose mother tongue is French may offer German and English as languages to meet this requirement. A student whose mother tongue is German may offer French and English. A foreign student whose mother tongue is not French, German or English may offer French or German and English. The requirement in English shall be met by a certificate from the student's major department that her English is adequate or by a special examination given by her department not later than January in the year in which the degree is to be taken. This special regulation for foreign candidates does not prevent a department from refusing admission to any seminary to a student whose language equipment is not satisfactory for that seminary.

The language requirement is met by passing one of two types of papers, hereafter referred to as the A.B. and the Ph.D. types. (1) A.B. type: a general test of reading at sight and with a dictionary which is given by Bryn Mawr College to candidates for the A.B. degree. (2) Ph.D. type: a test set by the major department in reading at sight and with a dictionary technical material in the candidate's field such as is required of Ph.D. candidates at Bryn Mawr College. Departments vary in the type of paper required.

Examinations in languages and in the techniques which may be substituted for one language will be held three times each year, in October, January, and April. Candidates who are completing the work for the M.A. in June must present themselves for the examinations in the preceding October or earlier. Candidates who try the examinations in October and fail may repeat them in January. No student may receive the M.A. degree in June who has not passed the examinations by the January period. The April examination is open only to students taking more than one year to complete the work for the M.A. and is open to them only during the academic years preceding the year in which the M.A. is to be awarded.

Program of Work. The candidate's program must include three units of work: (1) one seminary or graduate course; (2) a second seminary or supervised unit of graduate work; (3) a third seminary or an undergraduate course recommended by the major department. If undergraduate courses are included in this last unit, they must be supplemented by organized individual work. Under certain circumstances advanced undergraduate courses in science can be counted as seminaries, subject to the approval of the department and the Dean of the Graduate School. It is expected that this program will frequently include study in an allied field. Candidates whose major department conducts a Journal Club are expected to include the Journal Club in their registration.

Special Field. The candidate shall, in consultation with the major department, select a special field for the M.A. paper and the Final Examination. It is expected that this field will normally

relate to one of the seminars or units of graduate work in the candidate's program.

Final Requirements.

1. *Courses.* Before the Final Examination period, candidates must have completed to the satisfaction of their instructors the courses registered for the degree. No candidate will be admitted to the Final Examination if a course is reported as unsatisfactory.

2. *Paper in the Special Field of the Student's Major Subject.* Every candidate must present a paper in the special field. The paper may take the form of a report on a special piece of investigation carried on throughout the year or during a definite period, or of a problem which is assigned to be completed during a specified limit of time.

3. *An Examination.* Every candidate must pass a Final Examination which shall test her ability to place the special field in a general background of her major subject.

The Final Examination may not be taken until

- (1) the language requirements have been met (by January of the year in which the last full unit for the degree is registered);
- (2) the three units have been reported as satisfactory;
- (3) the paper in the special field has been accepted.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The course of study for the degree of Doctor of Philosophy at Bryn Mawr College is designed to prepare the candidate for a professional career as a scholar. The course offers the student the opportunity to acquire a broad general background in the chosen fields of knowledge and practice in research in these fields. The degree is awarded after the student's general knowledge and ability in research have been tested by examination and by a dissertation.

The candidate for the Ph.D. degree should have ability of high order, intellectual curiosity and critical judgment, independence, a broad general education, fundamental training in the major and allied fields and the determination needed to carry through an exacting program.

The general requirements for the Ph.D. degree, to which should be added the specific regulations of the various departments, are:

1. An undergraduate preparation in major and allied fields which is satisfactory to the departments concerned and to the Graduate Committee.

2. A course of study requiring a minimum, which will usually be exceeded, of three full years of graduate work in major and

allied fields; two of these years, or for holders of the A.B. degree from Bryn Mawr College one, must be spent in the Graduate School of Bryn Mawr College. Candidates are strongly advised to complete at least seven units of graduate work including five graduate courses; there are, however, no formal course requirements for students who have been accepted as candidates for the degree.

3. The acceptance of the student as a candidate by the Director of her work, by members of her major department, and by the Graduate Committee.

4. A reading knowledge of French and German, tested by a written examination in the translation of French and German texts in the field of the major subject.

5. A satisfactory Preliminary Examination in the candidate's major and allied fields. This examination is intended to test the candidate's general knowledge of the fields rather than familiarity with particular courses.

6. The preparation of a dissertation judged to be a contribution worthy of publication. The dissertation must represent independent investigation in the field covered by the major subject. It must contain new material, results or interpretations.

7. A satisfactory Final Examination in the special field of the major subject in which the dissertation has been written.

8. The publication of the dissertation in whole or in part.

COURSES OF STUDY

1948-1949

Graduate courses are offered in the Departments of Biology, Chemistry, Classical Archæology, Comparative Philology and Linguistics, Economics and Politics, Educational Psychology, English, French, Geology, German, Greek, History, History of Art, Italian, Latin, Mathematics, Music, Philosophy, Physics, Psychology, Social Economy and Social Research, and Spanish.

All undergraduate and graduate courses of the College are open to properly qualified graduate students. Only advanced and elective and a few second year undergraduate courses are described in this calendar. For the complete undergraduate program see the Calendar of Undergraduate Courses.

Graduate and undergraduate courses at the University of Pennsylvania are also available for graduate students of Bryn Mawr College. By a reciprocal arrangement with the University full-time graduate students of Bryn Mawr College are admitted without tuition charge to courses at the University for which they are qualified.

Three units of graduate work, each planned to take a third of the student's time, constitute a full program, and not more than three such courses may be elected by a student. The units of graduate work are of two types:

1. The graduate course or seminary, described under the departmental announcements.
2. An independent unit of graduate 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 of reading with assigned reports, research with results submitted, or a combination of both.

The prerequisites for graduate courses, approximately twenty semester hours of undergraduate work in the subject, are established by the various departments. In special cases, with the approval of the department concerned, work in related subjects of equivalent value may be accepted.

It is the practice of most departments to vary the graduate courses and seminaries from year to year so that a candidate for the degree of Doctor of Philosophy may pursue the work for several successive years. In special cases the announced order may be changed to suit the needs of students.

In many departments the instructors and graduate students meet from time to time in a Journal Club to discuss recent publications in their field of study. Students will be notified by their respective departments of arrangements for the Journal Clubs.

Every graduate student must register her courses at the Office of the Dean of the Graduate School within two weeks after entering the College. Permission to make any change in registration must be received from the Dean of the Graduate School.

Approved major and allied subjects for all departments are listed in the printed Regulations for the Degrees of Master of Arts and Doctor of Philosophy.

The Plan for Coordination in the Teaching of the Sciences offers special training in borderline subjects. A gift from the Carnegie Corporation enables the College to award scholarships to qualified students in such fields as biophysics, geophysics, and geochemistry. As such work demands a thorough knowledge of the fundamentals of at least two sciences, it is often impossible for students to include all the desired courses in four undergraduate years; these scholarships are intended primarily to provide for an additional year (mainly in the Undergraduate School) so that the student may be ready, at the end of five years, to begin graduate work in her chosen correlated fields. In addition to the sum allotted to scholarships part of the annual income from the Carnegie fund is set aside for special courses in related subjects. These courses vary from year to year with the needs and interests of the students in science.

Undergraduate courses in each department are numbered according to the following system:

301, 302, etc.....indicate advanced courses in major work.

*.....indicates elective courses.

"a".....the letter "a", following a number, indicates a half-course given in the first semester.

"b".....the letter "b", following a number, indicates a half-course given in the second semester.

"c".....the letter "c", following a number, indicates a half-course given two hours a week throughout the year.

[].....Square brackets enclosing the titles of courses indicate that, though regular parts of the program, they are not given in the current year.

Biology

ASSOCIATE PROFESSORS: MARY SUMMERFIELD GARDINER, Ph.D.

L. JOE BERRY, Ph.D.¹

JANE MARION OPPENHEIMER, Ph.D.

ASSISTANT PROFESSOR: WILLIAM E. NORRIS, JR., Ph.D.

Students may specialize either in animal morphology or in physiology (biochemistry or biophysics). Each seminary meets three hours weekly.

¹ On leave of absence.

Seminary: Cytology: Dr. Gardiner.

Seminary: Embryology: Dr. Oppenheimer.
(Not given in 1948-49)

Seminary: Physiology: Dr. Berry.
(Not given in 1948-49)

Seminary: Physiological Chemistry: Dr. Norris.

Seminary: Neuroanatomy and Physiological Psychology: Dr. Oppenheimer and instructor to be announced.

The first semester is devoted to lectures and laboratory work in neuroanatomy; in the second semester the emphasis is on topics in physiological psychology. Students in the Department of Biology may have credit for the first semester only.

ADVANCED UNDERGRADUATE COURSES

301. *Microscopic Anatomy:* Dr. Gardiner.

A study of tissues and cells, with instruction in the theory and technique of preparing material for histological and cytological examination. Two lectures, six hours laboratory a week.

302. *Genetics:* Dr. Gardiner.

An historical review of the theories of inheritance, and an introduction to modern genetic theories and techniques. Two lectures, six hours laboratory a week.

303. *Embryology:* Dr. Oppenheimer.

Embryology of the vertebrates with consideration of theoretical questions of embryological interest. Two lectures, six hours (minimum) laboratory a week.

[304. *Bacteriology:* Dr. Berry, Mr. Norris.]

Morphology, physiology and immunochemistry of the bacteria, with a consideration of photosynthetic and chemosynthetic as well as parasitic forms, bacteriophages and other viruses. Two lectures, six hours (minimum) laboratory a week.

305. *Biochemistry:* Mr. Norris.

The chemistry of living organisms with special emphasis on the chemical principles in physiological phenomena. Two lectures, six hours (minimum) laboratory a week. Physics 101 is recommended as preparation for this course.

[306. *Biophysics:* Dr. Berry.]

The application of physical processes and physical methods to the problems of general and vertebrate physiology. Two lectures, six hours (minimum) laboratory a week. Prerequisite: Physics 101.

[307. *The Development of Scientific Thought:* Dr. Wyckoff, Dr. Oppenheimer.]

(Interdepartmental Course 203. See page 58.)

308. *Fundamentals of Systematics.*

Offered at the Academy of Natural Sciences. One hour of lecture; four hours laboratory a week (Saturday mornings). A survey of the scope and methods of taxonomy, with a consideration of the mechanisms of speciation.

Chemistry

PROFESSOR:	JAMES LLEWELLYN CRENSHAW, Ph.D.
ASSOCIATE PROFESSORS:	MARSHALL DEMOTTE GATES, JR., Ph.D. ERNST BERLINER, Ph.D.
INSTRUCTOR:	EDITH HAMILTON LANMAN, M.A.

Students may specialize in either physical chemistry or organic chemistry. Each seminary meets two hours weekly.

Seminary: Physical Chemistry: Dr. Crenshaw.

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.

Seminary: Organic Chemistry: Dr. Berliner, Dr. Gates.

Theoretical and physical organic chemistry. Recent developments in the chemistry of Natural Products (Sterols, Hormones, Vitamins, Alkaloids, Terpenes, Heterocyclic Compounds).

ADVANCED UNDERGRADUATE COURSES

301. *Advanced Physical Chemistry:* Dr. Crenshaw.

First semester: elementary thermodynamics. Second semester: chemical kinetics. Two lectures, eight hours laboratory. Prerequisite: Mathematics 101. Credit: 1½.

302. *Advanced Organic Chemistry:* Dr. Gates, Dr. Berliner.

Lectures: theories and fundamental principles of organic chemistry. Laboratory: (first semester) organic qualitative analysis; (second semester) advanced synthesis and organic quantitative analysis. Two lectures, eight hours laboratory. Credit: 1½.

303. *Advanced Inorganic Analysis:* Miss Lanman.

One lecture, eight hours laboratory.

Classical Archaeology

PROFESSORS:	RHYS CARPENTER, Ph.D., Litt.D. MARY HAMILTON SWINDLER, Ph.D., LL.D.
CURATOR OF SLIDES AND PHOTOGRAPHS:	HENRIETTA HUFF LANDES, A.B.
ASSISTANT PROFESSOR OF ANTHROPOLOGY:	FREDERICA DE LAGUNA, Ph.D.

Familiarity with both Greek and Latin, though not required except for candidates for the doctor's degree, is of the utmost value for graduate work in archæology. Each seminary meets two hours weekly.

Seminary: Dr. Carpenter.

The seminary given is selected from the following:
Archæology of the Western Mediterranean.
Greek Sculpture.
Greek Epigraphy.

Seminary: Dr. Swindler.

The seminary given is selected from the following:
Greece of the Seventh Century.
Problems in Ancient Painting.
Aegean Archæology.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

202a.* *Ancient Italy:* Dr. Carpenter.

202b.* *Cultural Geography of the Mediterranean:* Dr. Carpenter.

203.* *American Archæology:* Dr. de Laguna.

Anthropology 102 (see Undergraduate Calendar) is recommended as a preliminary to this course.

301a. *Ancient Painting:* Dr. Swindler.

301b. *Ancient Architecture:* Dr. Carpenter.

Comparative Philology and Linguistics

PROFESSOR OF

GERMANIC PHILOLOGY: FRITZ MEZGER, Ph.D.

PROFESSOR OF SPANISH:

JOSEPH E. GILLET, Ph.D.

NON-RESIDENT PROFESSOR OF

OLD FRENCH PHILOLOGY: GRACE FRANK, A.B.

PROFESSOR OF

ENGLISH PHILOLOGY: STEPHEN JOSEPH HERBEN, B.Litt., Ph.D.

ASSOCIATE PROFESSOR

OF ITALIAN:

ANGELINE HELEN LOGRASSO, Ph.D.

This department is under the joint direction of the professors in charge of philological work in the language departments. The degree of Master of Arts is not offered in this department. For the degree of Doctor of Philosophy Comparative Philology and Linguistics may be offered as an allied subject but not as a major subject. 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 seminaries and graduate courses meeting two hours weekly are offered from time to time by Dr. Mezger:

Sanskrit (one semester).

Sounds and forms of Sanskrit are studied on a comparative basis.

Studies in Indo-European Linguistics.

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.

Old and Middle Welsh (one semester).

Comparative grammar. Reading of the Mabinogion.

Old and Middle Irish (one semester).

Comparative grammar of Old Irish. Interpretation of texts.

The following seminaries and graduate courses are announced in the language departments concerned, but may also be offered as a part of the work in Comparative Philology:

English Philology:

Old and Middle English.

Romance Philology:

Introduction to Old French Philology.

Old Italian.

Spanish Philology and Old Spanish Readings.

Germanic Philology:

Old Norse.

Germanic Philology.

Introduction to Germanic Philology.

Old Saxon and Old Frisian.

History of the English Language.

Economics and Politics

PROFESSOR:	ROGER HEWES WELLS, Ph.D.
ASSOCIATE PROFESSORS:	MILDRED BENEDICT NORTHROP, Ph.D. JOSHUA C. HUBBARD, Ph.D.
ASSISTANT PROFESSOR:	PETER BACHRACH, M.A.

PROFESSOR OF ENGLISH AND OF POLITICAL THEORY:	K. LAURENCE STAPLETON, A.B.
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Students may specialize either in economics or in politics. Each seminary meets two hours weekly.

ECONOMICS

The cycle of seminars usually offered in Economics includes the following subjects: International Trade and Commercial Policy; History of Economic Thought; Contemporary Economic Theory; Industrial Organization; Monetary Policy; Business Cycles; International Economics.

POLITICS

The cycle of seminars usually offered in Politics includes the following subjects: International Law; International Organization; Constitutional Law of the United States; History of Political Thought; Comparative Government; Public Administration.

ADVANCED UNDERGRADUATE COURSES

ECONOMICS

- 301a. *International Economics and Foreign Policy*: Dr. Wilcox and members of the department.
 301b. *International Economics*: Dr. Northrop.

POLITICS

- [312a. *Public Administration*: Dr. Wells.]
 [313b. *Reconstruction in Western Europe*: Dr. Wells.]

Education

PRESIDENT OF THE COLLEGE:

KATHARINE ELIZABETH MCBRIDE, Ph.D., LL.D., L.H.D.

ASSISTANT PROFESSOR:

RACHEL DUNAWAY COX, Ph.D.

ASSISTANT IN EDUCATIONAL SERVICE:

MYRTLE CORLISS NASH, M.A.

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. Each seminary meets two hours weekly.

The Berkley Nursery School of Haverford, directed by Madeleine H. Appel and Amanda B. Stadie, is affiliated with Bryn Mawr College. It offers facilities for participation and observation to graduate and undergraduate students.

The Department of Education maintains a psychological and educational service for school children in the vicinity. The service is directed by Dr. Cox. A separate building on the college grounds has been set aside for this work, with rooms equipped for the individual examination of pupils and for remedial teaching.

*Seminary: Educational Psychology: Dr. Cox.**(Given as required)*

Learning, psychological study of the individual child, and educational adjustment are the chief subjects of this seminary. Psycho-educational problems are demonstrated and opportunities provided for students to carry on practical work on these problems.

*Seminary: Mental Measurement: Dr. Cox.**(Given as required)**Seminary: Research Problems in Clinical Psychology.**(Given as required)*

The research problems attacked will be selected according to the interests of the student and the fields offering favorable opportunities for significant contributions; for example, the psychology of speech, diagnosis and remedial work for children with reading disabilities.

*Graduate Course: Educational Psychology.**(Not given in 1948-49)*

This course is designed to meet the needs of students who are actually engaged in teaching. The course will deal with the psychology of learning, psychological study of the individual child and problems of educational adjustment. Opportunity is provided for students to carry on practical work on these problems.

FREE ELECTIVE COURSES

[101b.* *Principles of Education*: President McBride.]201a.* *Educational Psychology*: President McBride and Dr. Cox.
Prerequisite: Psychology 101.[202a.* *Child Psychology*: President McBride and Dr. Cox.]
Prerequisite: Psychology 101.**English**

PROFESSORS:

SAMUEL CLAGGETT CHEW, Ph.D.¹

STEPHEN JOSEPH HERBEN, Ph.D.

CORNELIA LYNDE MEIGS, A.B.

K. LAURENCE STAPLETON, A.B.²

ASSOCIATE PROFESSORS:

ARTHUR COLBY SPRAGUE, Ph.D.

MARY KATHARINE WOODWORTH, Ph.D.¹

FREDERICK WAKEFIELD THON, M.F.A.

ASSISTANT PROFESSOR:

BETTINA LINN, M.A.

¹ On leave of absence for the second semester.² On leave of absence for the first semester.

Each seminary meets two hours weekly.

Seminary: English Literature: Dr. Chew, Semester I; Dr. Jones, Semester II.

1948-49: *Romanticism.*

1949-50: *Victorian Literature.*

Seminary: English Literature: Dr. Sprague.

1948-49: *Shakespeare.*

1949-50: *Restoration Drama.*

1950-51: *Elizabethan Poetry.*

Seminary: English Literature: Dr. Woodworth, Semester I.

1948-49: *Literature of the Eighteenth Century.*

Seminary: Milton: Miss Stapleton, Semester II.

Seminary: Old and Middle English: Dr. Herben.

One of the following is given in each year:

Old English Christian Poetry

Beowulf and the Old English Lyrics

Chaucer

Middle English Romances.

A Seminary in Philology for students of English is offered in the Department of German (see page 42).

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

LANGUAGE

211b.* *History of the English Language:* Dr. Herben.

LITERATURE

[301. *Old English Literature:* Dr. Herben.]

After some training in Old English grammar, selections from prose and poetry are read, followed by the *Beowulf*.

[302a. *The Drama from the Beginnings to 1642:* Dr. Sprague.]

[303. *English Poetry from Spenser to Donne:* Dr. Sprague.]

The principal poets studied are Spenser, Sidney, Daniel, Drayton, Shakespeare (the narrative poems and the sonnets), Ben Jonson, and Donne.

[304. *The Seventeenth Century:* Miss Stapleton.]

About a third of the time is devoted to Milton, and special attention is given to the influence of the political and scientific movements of the period.

304b. *Seventeenth Century Prose and Poetry:* Miss Stapleton.

Donne, Bacon, Jonson, Browne, Taylor, and Drayton are among the writers studied. The work of Milton is not included in this course.

- [305. *The Eighteenth Century*: Dr. Woodworth.]
 The Age of Pope and Swift; the Rise of the Novel; Dr. Johnson and his Circle.
- 306 and 306*. *Advanced Writing*: Miss Meigs.
 Prerequisite: English 209c.

French

- PROFESSOR: MARGARET GILMAN, Ph.D.
 NON-RESIDENT PROFESSOR: GRACE FRANK, A.B.
 ASSOCIATE PROFESSORS: GERMAINE BRÉE, *Agrégée de l'Université*
 BERTHE MARIE MARTI, Ph.D.
 INSTRUCTORS: KERNAN B. WHITWORTH, M.A.
 JEAN SABATTIER, *Licencié-ès-lettres*

Graduate Course: Introduction to Old French Philology: Mrs. Frank.

This course includes the reading of various texts and a general survey of Old French Literature.

Seminary: Medieval French Literature: Mrs. Frank.

Each year one of the following seminaries is offered:

Old French Narrative Poetry.

The Dramatic Literature of Medieval France.

The Lyric, including the Courtly Lyric of Provence.

Seminary: French Literature of the Sixteenth and Seventeenth Centuries.

1948-49: *Sixteenth Century*: Mr. Sabattier.

Seminary: French Literature since 1715.

1948-49: *Proust and Gide*: Miss Brée.

REQUIRED GRADUATE COURSE

Semester I: *Problems and Methods of Research in French Literature from the Renaissance*: Dr. Gilman, Miss Brée, Mr. Whitworth.

Semester II: *Representative French Books*: Dr. Gilman, Miss Brée, Mr. Whitworth.

This course is required of all candidates for the M.A. and Ph.D. degrees in French but carries no credit.

ADVANCED UNDERGRADUATE COURSES

301. *Introduction to Medieval French Literature and Philology*: Dr. Marti.
- [302. *French Literature of the Sixteenth Century*: Instructor to be announced.]

- [303. *French Literature of the Seventeenth Century*: Miss Brée.]
 [304. *The Modern French Novel*: Miss Brée.]
 305. *French Poetry from Baudelaire to the Present Day*: Dr. Gilman.
 [306. *Modern French Drama*: Instructor to be announced.]
 307c. *Advanced Training in the French Language*: Miss Brée and instructor to be announced.

Geology

PROFESSORS:	EDWARD H. WATSON, Ph.D. LINCOLN DRYDEN, Ph.D.
ASSOCIATE PROFESSOR:	DOROTHY WYCKOFF, Ph.D.

A preparation in general geology, mineralogy and paleontology is required. For students specializing in petrology, mineralogy or metamorphism courses in general chemistry, general physics, and physical chemistry are desirable; for those specializing in stratigraphy or paleontology, general biology and general chemistry are desirable.

At least three seminars are offered each year, to be selected from the following:

Seminary: Petrology: Dr. Watson.

Selected subjects in the structure, physical chemistry and origin of the igneous rocks. Two lectures a week.

Seminary: Metamorphism: Dr. Wyckoff.

The physical and chemical processes of metamorphism, accompanied by regional studies. Two lectures a week.

Seminary: Petrographic Methods: Dr. Watson, Dr. Wyckoff.

This is largely a course in laboratory instruction and in general will accompany the seminars in petrology and metamorphism. Special techniques such as the universal stage, integrating stage, mechanical separations from rocks and petrofabric analysis will be taught. Twelve hours of laboratory a week.

Seminary: Stratigraphy: Dr. Dryden.

A study of selected theoretical and practical problems of correlation. Usually conducted in connection with a field problem. Two lectures a week.

Seminary: Sedimentation: Dr. Dryden.

A study of the origin of sedimentary rocks; their source, transportation, and deposition. Two lectures and one afternoon of laboratory a week.

The Plan for Coordination in the Teaching of the Sciences

Seminary: Crystallography: Dr. Wyckoff, Dr. Patterson.
 (Not given in 1948-49)

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

301. *Structural and Field Geology*: Dr. Watson.

The origin and analysis of the structures of igneous, sedimentary, and metamorphic rocks, and geological surveying. Three lectures, two afternoons of field work or laboratory a week.

[302. *Stratigraphy*: Dr. Dryden.]

A survey of the stratigraphy of selected regions in Europe and North America, and study of special problems of correlation and interpretation. Three lectures, one afternoon of laboratory a week.

303. *Optical Mineralogy* (first semester) and *Petrology* (second semester): Dr. Wyckoff.

The optical properties of minerals and the use of the petrographic microscope. Discussion of the origin and differentiation of igneous rocks. Two lectures, about twelve hours of laboratory a week. Credit: 1½ units.

[304.* *Cartography*: Dr. Watson, Dr. Wyckoff.]

Field surveying, drafting, photogrammetry, elementary geomorphology, and general cartography. Open to students without previous work in geology. Two lectures, two afternoons of laboratory a week.

[305b. *Geography*: Dr. Wyckoff.]

Discussion of geographic factors such as climate, soils, vegetation, land forms and mineral resources. General principles of economic and political geography. Three lectures, one afternoon of laboratory a week.

[306.* *The Development of Scientific Thought*: Dr. Wyckoff, Dr. Oppenheimer.

(See Interdepartmental Course 203, page 58.)]

German

PROFESSORS:

FRITZ MEZGER, Ph.D.

MAX DIEZ, Ph.D.

ASSOCIATE PROFESSOR:

MYRA RICHARDS JESSEN, Ph.D.

INSTRUCTORS:

MARTHA MEYSENBURG DIEZ, M.A.

HILDE D. COHN, Ph.D.

Each seminary meets two hours weekly. The seminaries given are selected from the following:

Seminary: German Literature: Dr. Jessen.

The Classical Drama: Goethe and Schiller.

The "Novelle" of Realism: Gottfried Keller and his Contemporaries.

The Lyric Poetry of Goethe and Hölderlin.

Seminary: German Literature: Dr. Diez.

The Nibelungenlegend, its Development in the Middle Ages and its Revival in the Nineteenth Century.

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.

Seminary in a Germanic Language: Dr. Mezger.

The seminary given is selected from the following:

Old Norse: Saga and Edda.

Old Saxon and Old Frisian.

History of the German Language.

History of the English Language.

Seminary: Germanic Philology: Dr. Mezger.

The seminary given is selected from the following:

Introduction to Germanic Philology.

Germanic and Indo-Germanic Word-Formation.

Germanic Metrics and Semantics.

Seminary: Old High German and Middle High German Language and Literature: Dr. Mezger.

Parzival and Tristan und Isolde.

Graduate Course: Language and Civilization: Dr. Mezger.

ADVANCED UNDERGRADUATE COURSES

The courses given are selected from the following:

301. *Advanced Training in Translation:* Dr. Diez.

Written translation of difficult German prose and extemporaneous oral translation from and into German.

302. *History of German Civilization:* Dr. Diez.

303. *Classics of the Nineteenth Century:* Dr. Diez.

304. *German Literature from 1850 to 1930:* Dr. Mezger.

305. *Introduction to German Philology:* Dr. Mezger.

a. *History of the German Language, or*

b. *Old High German and Middle High German Literature.*

306. *The German "Novelle":* Dr. Jessen.

307. *German Drama:* Dr. Jessen.

Greek

PROFESSOR: RICHMOND LATTIMORE, Ph.D.
 ASSISTANT PROFESSOR: MABEL LOUISE LANG, Ph.D.

PROFESSOR OF CLASSICAL
 ARCHÆOLOGY: RHYS CARPENTER, Ph.D., Litt.D.

An adequate knowledge of Latin is expected. Each seminary meets two hours weekly.

Seminaries in Classical Archæology are available for graduate students in Greek who are qualified to enter them by some previous training in archæology.

Seminary: Dr. Lattimore.
 1948-49: *Lyric Poetry.*

Seminary: Dr. Lang.
 1948-49: *The Peloponnesian War.*

Seminary: Dr. Lattimore.
 1949-50: *Herodotus.*

Seminary: Dr. Lang.
 1949-50: *Homer.*

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

203.* *Greek Literature in Translation:* Dr. Lattimore, Dr. Lang.

301. *Attic Tragedy, Attic Orators, Historians, Plato, Pindar, Melic Poets, Homer:* Dr. Lattimore, Dr. Lang.

The student selects her work from these fields and authors in consultation with the department.

History

PROFESSORS: HELEN TAFT MANNING, Ph.D., LL.D.¹
 CAROLINE ROBBINS, Ph.D.

ASSOCIATE
 PROFESSORS: JOHN CHESTER MILLER, Ph.D.²
 FELIX GILBERT, Ph.D.

ASSISTANT PROFESSOR: GEORGE CUTTINO, D.Phil.

INSTRUCTOR: JOANNE LOEWE NEEL, M.A.

PROFESSOR OF LATIN: THOMAS ROBERT SHANNON BROUGHTON, Ph.D.

Each seminary meets two hours weekly.

Graduate Course: History and Historical Method: The Department.

This lecture course should be elected by all students who are preparing themselves for the M.A. and Ph.D. degrees with History as a major. Seniors in history may attend as listeners.

¹ On leave of absence for the first semester.

² On leave of absence for the second semester.

Seminary: Medieval History: Dr. Cuttino.

The seminary given is selected from the following:

Europe in the Age of Charlemagne.
The Twelfth Century Renaissance.
England and France, 1204-1339.

Seminary: Modern British History: Dr. Manning.

The seminary given is selected from the following:

Imperial History, 1880-1940.
English History, 1783-1846.
(Not given in 1948-49)

Seminary: Seventeenth Century England: Dr. Robbins.

The seminary given is selected from the following:

Civil War and Protectorate (1640-1660).
The Revolution Settlement (1688-1701).
Restoration and Revolution (1660-1688).

Seminary: Eighteenth Century Civilization: Dr. Robbins.

Seminary: American History: Dr. Miller.

The seminary given is selected from the following:

The Civil War and Reconstruction.
The Revolution, the Confederation and the Constitution.
Jeffersonian and Jacksonian Democracy.
(Not given in 1948-49)

Seminary in European History: Dr. Gilbert.

The seminary given is selected from the following:

Intellectual Problems in the Age of Machiavelli.
Revolution and Reaction in Germany and Western Europe.
International Affairs in the Modern World.

Seminary in Latin: Dr. Broughton.

The seminary given is selected from the following:

Livy's History of Rome.
Literature and History of the Second Century before Christ.
Cicero in the Literature and Politics of his Times.
The Augustan Empire.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

207.* *Ancient History:* Dr. Broughton.

208. *History of Russia:* Dr. Gilbert.

301. *History of Europe since 1890:* Dr. Gilbert.

[302a. *Rise of the Americas*: Dr. Miller.]

The French, Spanish, and British colonial empires; the revolutionary movements and the development of the Latin-American states to the present day.

303a. *Social and Intellectual History of the United States*: Dr. Miller.

304a. *English History in the Nineteenth Century*: Mrs. Neel.

History of Art

PROFESSOR: ALEXANDER COBURN SOPER, III, M.F.A., Ph.D.

ASSOCIATE

PROFESSORS: JOSEPH C. SLOANE, JR., M.F.A.¹
RICHARD BERNHEIMER, Ph.D.

INSTRUCTOR: JOY C. LEVY, M.A.

CURATOR OF SLIDES

AND PHOTOGRAPHS: HENRIETTA HUFF LANDES, A.B.

Each seminary meets two hours weekly. The seminars given are selected from the following:

Modern Art: Mrs. Levy.

Medieval Art: Dr. Bernheimer.

Art Theory: Dr. Bernheimer.

Far Eastern Art: Dr. Soper.

UNDERGRADUATE COURSES

201.* *Italian Art*: Dr. Bernheimer and Mrs. Levy.

Architecture, painting, and sculpture from the Thirteenth Century to the High Renaissance.

202.* *Later Italian and Southern Baroque Art*: Dr. Bernheimer and Mrs. Levy.

From the High Renaissance to the Eighteenth Century with some consideration of Italian influences on the baroque arts of Spain and Germany.

203a. *Early Medieval Art*: Dr. Soper.

From the Early Christian period to the Romanesque.

204b. *Romanesque and Gothic Art*: Dr. Bernheimer.

The arts of the early and high middle ages.

[205a. *Northern Renaissance Art*: Dr. Soper.]

From its beginnings through Breughel.

[206b. *Northern Baroque Art*: Mr. Sloane.]

From the late Sixteenth Century to the classic revival in the Eighteenth Century.

¹ On leave of absence.

301.* *Art of the Far East*: Dr. Soper.

Chinese and Japanese art from the earliest dynasties to the present, including a survey of Indian art as an introduction to Buddhism in the Far East.

303. *Modern Art*: Mrs. Levy, Dr. Soper.

In the first semester the pictorial arts are traced from David to the present day. In the second semester, the architecture and sculpture of the same period are discussed.

History of Religion

PROFESSOR OF

ENGLISH LITERATURE: SAMUEL CLAGGETT CHEW, Ph.D.

ASSOCIATE PROFESSOR OF LATIN: AGNES KIRSOPP MICHELS, Ph.D.

Instruction offered in the History of Religion and in Biblical Literature is not organized on the scale of a regularly constituted department; there is no major work in either subject.

101a.* *The Rise of Judaism*: Dr. A. K. Michels.

The reading is taken, as far as possible, from the original sources.

103a.* *Literary History of the Bible: The Old Testament*: Dr. Chew.

103b.* *Literary History of the Bible: The New Testament*: Dr. A. K. Michels.

Italian

ASSOCIATE PROFESSOR: ANGELINE HELEN LOGRASSO, Ph.D.

Each seminary meets two hours weekly.

Seminary: Italian Literature: Dr. Lograsso.

The seminary given is selected from the following:

Dante.

Studies in Italian Romanticism.

Manzoni.

Seminary: Old Italian: Dr. Lograsso.

(Given as required)

Old Italian Philology, with critical readings of early Italian texts.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

[102c.* *Dante in English Translation*: Dr. Lograsso.]

The New Life and Divine Comedy.

[103c.* *Literature of the Italian Renaissance in English Translation*: Dr. Lograsso.]

From Petrarch to Tasso; pastoral literature; literary criticism and aesthetic theories of the Renaissance with special reference to their influence on other literatures.

[301. *Dante*: Dr. Lograsso.]

The *Vita Nuova* and *Divina Commedia*, with some attention to the minor works.

[302c. *The Italian Language*: Dr. Lograsso.]

Advanced work in composition.

[303. *Italian Literature of the Rinascimento*: Dr. Lograsso.]

[304. *Italian Literature of the Romantic Period*: Dr. Lograsso.]

Latin

PROFESSORS:

LILY ROSS TAYLOR, Ph.D., Litt.D.

THOMAS ROBERT SHANNON BROUGHTON, Ph.D.

ASSOCIATE

PROFESSORS:

BERTHE MARIE MARTI, Ph.D.

AGNES KIRSOPP MICHELS, Ph.D.

All students who intend to do advanced work in Latin should have an adequate knowledge of Greek. Each seminary meets two hours weekly.

Seminary: Dr. Taylor, Dr. Broughton.

1948-49: *Cicero in the Literature and Politics of his Times*.

(First Semester: Dr. Taylor; Second Semester: Dr. Taylor, Dr. Broughton.)

Seminary: Dr. Broughton.

1948-49: Semester I: *Latin Inscriptions*.

Seminary: Dr. Marti.

1948-49: Semester II: *Stoicism in Latin Literature of the Silver Age*.

Seminary: Dr. Taylor, Dr. Broughton.

1949-50: *Livy's History*.

Seminary: Dr. Michels.

1949-50: *Vergil*.

Seminary: Dr. Marti.

1949-50: *Latin Literature in the Twelfth Century*.

Two of the following seminaries will be given in subsequent years:

Catullus and Lucretius: Dr. Taylor, Dr. Marti.

Literature and History in the Second Century before Christ: Dr. Taylor, Dr. Broughton.

History of Classical Scholarship in the Middle Ages: Dr. Marti.

The Augustan Empire: Dr. Broughton.

Roman Satire: Dr. Michels.

ADVANCED UNDERGRADUATE COURSES

- 301a. *Vergil's Georgics and Aeneid*: Dr. Michels.
- 301b. *Livy's History and Tacitus's Annals*: Dr. Broughton.
- [302a. *Lucretius and Catullus*: Dr. Taylor.]
The *De Rerum Natura* of Lucretius and the longer poems of Catullus.
- [302b. *Cicero and Caesar*: Dr. Broughton.]
Extensive selections from Cicero's *Orations* and *Letters* and from Cæsar's *Commentaries*. Chief emphasis is placed on the social and political history of the period.

Mathematics

- ASSOCIATE PROFESSORS: JOHN CORNING OXTOBY, M.A.
MARGUERITE LEHR, Ph.D.
- ASSISTANT PROFESSOR: LINDLEY J. BURTON, Ph.D.

At least three seminars are offered each year. Additional courses in directed reading and research can be arranged. A joint Graduate Mathematical Club with Haverford and Swarthmore colleges and the University of Pennsylvania holds fortnightly meetings.

The seminars given are selected from the following:

Abstract Algebra
Algebraic Geometry
Differential Geometry
Fourier Series
Linear Spaces
Mathematical Physics
Measure Theory
Probability Theory and Mathematical Statistics
Projective Geometry and Lattice Theory
Theory of Functions of a Complex Variable
Theory of Functions of a Real Variable
Topology

ADVANCED UNDERGRADUATE COURSES

301. *Advanced Calculus*: Mr. Oxtoby.
Prerequisite: Mathematics 201.
302. *Advanced Geometry*: Dr. Lehr.
Prerequisite: Mathematics 202c.
- 303a. *Advanced Algebra*: Dr. Lehr.
Prerequisite: Mathematics 202c.
- [310. *Theory of Functions of a Complex Variable*: Mr. Oxtoby.]
Prerequisite: Mathematics 301.
- [311b. *Differential Equations*: Mr. Oxtoby.]
Prerequisite: Mathematics 301 (may be taken concurrently).

Music

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

ASSISTANT

PROFESSOR: ROBERT L. GOODALE, A.B., B.Mus., A.A.G.O.

LEADER OF ORCHESTRA AND ENSEMBLE GROUPS:

WILLIAM REESE, Ph.D.

Individual students may be directed in special work by means of private conferences. Graduate students are cordially invited to join the orchestra and chamber music groups organised by the department.

The seminary meets two hours weekly.

Seminary: Free Composition: Mr. Alwyne.

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.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

Students in the courses in History and Appreciation of Music must devote two hours or more a week to listening to gramophone records assigned by the department.

101.* *History and Appreciation of Music:* Mr. Alwyne.

A comprehensive survey from the period of Bach to the end of the nineteenth century, with special emphasis on the technique of intelligent listening.

201.* *Advanced History and Appreciation of Music:* Mr. Alwyne.

A more amplified and intensive study of nineteenth century music. The Symphonic Poem, Art-Song and Music-Drama. Expansion of orchestral and pianoforte technique; development of symphonic and chamber-music forms; growth of Nationalism.

Prerequisite: Music 101 or its equivalent.

301c.* *Third Year History and Appreciation of Music:* Mr. Alwyne.

The development of Opera and Music-Drama. The trends of Modern Music and significant representative works.

Prerequisites: Music 101 and 201 or their equivalents.

102.* *Elementary Harmony:* Mr. Goodale.

Harmony in four voices; triads in root position, first and second inversions; 7th chords; major and minor modes; modulation. Principles of melodic construction. Formal and harmonic analysis. Sight singing and dictation.

- 202.* *Advanced Harmony*: Mr. Goodale.
Continuation of Music 102. Original composition in the larger forms. Advanced analysis. Sight singing and dictation.
Prerequisite: Music 102 or its equivalent.
- 203c.* *Elementary Counterpoint*: Mr. Goodale.
Composition and analysis of counterpoint in the style of the sixteenth century.
Prerequisite: Music 102 or its equivalent.
- 302c.* *Advanced Counterpoint*: Mr. Goodale.
Composition and analysis in the style of Bach. This will include a study of the large contrapuntal forms.
Prerequisite: Music 102 and 203c or the equivalent.

Philosophy

PROFESSOR:	MILTON CHARLES NAHM, B.Litt., Ph.D.
ASSOCIATE PROFESSOR:	ISABEL SCRIBNER STEARNS, Ph.D.
INSTRUCTOR:	HUGUES LEBLANC, Ph.D.
<hr/>	
VISITING PROFESSOR:	PAUL SCHRECKER, Ph.D.

A minimum of three seminaries, historical and systematic, is offered each year. Each seminary meets two hours weekly. Adjustments will be made in the sequence of the seminaries listed below according to the needs of the students. Students have the privilege of becoming auxiliary members of the Fullerton Philosophy Club, which meets each month at the Deanery, and at which papers are read by members of the faculties of Bryn Mawr College, the University of Pennsylvania, Swarthmore College, etc.

Seminary: Dr. Nahm.

1948-49: *Kant*.

Critique of Pure Reason.

1949-50: *Ethics*.

The Ethics of Kant and Hegel; or The History of English Ethics; or Henry Sidgwick and contemporary British moralists.

1950-51: *Aesthetics*.

A systematic and historical analysis of problems in the philosophy of art.

Seminary: Dr. Stearns.

1948-49: *Epistemology*.

An historical and systematic study of the function of reason and other agencies of knowledge.

1949-50. *Plato*.

A detailed study of the later dialogues.

1950-51: *Metaphysics*.

A study of such problems as the nature of time, the one and the many, the individual, appearance and reality.

Seminary: Dr. Leblanc.

1948-49: The seminary will be selected from the following:

The Theory of Meaning.

Detailed study of meaning in the light of developments in modern logic.

British Empiricism.

The philosophies of Locke, Berkeley, and Hume.

Logic.

A systematic study of one or more topics in logical theory.

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

301a. *Aesthetics:* Dr. Nahm.

Types of aesthetic theory and problems of aesthetic experience.

301b. *Naturalism and Empiricism:* Dr. Leblanc.

Selected readings from authors in the naturalist tradition.

302a. *Plato:* Dr. Stearns.

A study of the later dialogues.

302b. *Philosophy of History:* Dr. Schrecker.

The philosophical interpretation of history, its meaning and laws.

Physics

PROFESSOR:

WALTER C. MICHELS, Ph.D.

ASSOCIATE PROFESSOR:

ARTHUR LINDO PATTERSON, Ph.D.¹

ASSISTANT PROFESSOR:

ROSALIE C. HOYT, Ph.D.

LECTURER:

CHARLES WILBUR UFFORD, Ph.D.

One or two graduate seminars in theoretical physics are offered each year. In addition, a seminary in experimental physics is arranged individually for students desiring it, and generally serves as an introduction to a research problem. Each full time graduate student majoring in the department is expected to carry on some experimental work in every year. 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.

Every candidate for a graduate degree is expected to have completed Physics 304 or its equivalent.

Seminary: Experimental Physics: Dr. Michels, Dr. Patterson, Dr. Hoyt.

Seminary: Theoretical Physics: Dr. Hoyt.

1948-49: *Selected Problems in Nuclear Physics.*

¹ On leave of absence.

Seminary: *Theoretical Physics*: Dr. Patterson.
1949-50: *Vibration and Wave Problems*.

Seminary: *Theoretical Physics*: Dr. Michels.
1950-51: *Selected Problems in Solid State Physics*.

*The Plan for Coordination in the Teaching
of the Sciences*

Seminary: *Crystallography*: Dr. Wyckoff, Dr. Patterson.
(Not given in 1948-49)

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

303. *Introduction to Experimental Physics*: Dr. Michels.

Three lectures, four hours laboratory a week. Prerequisites: Physics 206 and Mathematics 201 (either may be taken concurrently).

304. *Introduction to Mathematical Physics*: Dr. Ufford.

Four lectures a week. Prerequisites: Physics 206, Mathematics 201, and Physics 303 (may be taken concurrently).

[305. *Physical Measurements*: Dr. Michels and Dr. Patterson].

Four hours laboratory a week. Prerequisites: Physics 303 or Physics 304 (either may be taken concurrently).

[351.* *Application of Physics to Biology and Chemistry*: Dr. Hoyt.]

Three lectures, four hours laboratory a week. Prerequisites: Physics 101 and Mathematics 101 and second year work in either Chemistry or Biology.

Psychology

PROFESSOR:	HARRY HELSON, Ph.D. ¹
ASSOCIATE PROFESSOR:	MAGDA ARNOLD, Ph.D.
ASSISTANT PROFESSOR:	RACHEL DUNAWAY COX, Ph.D.
LECTURER:	JEANNE DEBOW BRUGGER, Ph.D.

Each seminary meets two or more hours weekly.

Seminary: *Research Problems*: Dr. Helson.

Methods of measurement, statistical techniques, practice in observation and acquaintance with standard types of apparatus are stressed.

(Not given in 1948-49)

Seminary: *Psychopathology*: Dr. Arnold.

Problems of abnormal and dynamic psychology.

¹ On leave of absence.

Seminary: History of Psychology: Dr. Brugger.

Seminary: Neuroanatomy and Physiological Psychology: Dr. Oppenheimer and instructor to be announced.

The first semester is devoted to lectures and laboratory work in neuroanatomy; in the second semester the emphasis is on topics in physiological psychology.

Seminary: Social Psychology: Dr. Arnold.

(Not given in 1948-49)

For graduate work in Educational Psychology see the Department of Education (pages 36-37).

ADVANCED UNDERGRADUATE COURSES

[301. *Advanced Experimental Psychology:* Dr. Helson.]

About six weeks are devoted to a consideration of psychophysical and statistical methods, after which the student's time is given to experimental work on a selected problem. Students must obtain the consent of the instructor before registering for this course.

302a. *Clinical Psychopathology:* Dr. Arnold.

The psychodynamics of abnormal behavior, clinical types, methods of investigation, and principles of psychotherapy. The clinic is conducted by Dr. Edward A. Strecker, Professor of Psychiatry, School of Medicine, University of Pennsylvania. Prerequisite: Psychology 101, 201a, 202b, 203a, 204b.

302b. *Psychology of Personality:* Dr. Arnold.

The study of the problems of development and organization of personality. Prerequisites: 101, 201a, 302a.

Russian

ASSISTANT PROFESSOR: FRANCES DE GRAAFF, Ph.D.

ASSISTANT PROFESSOR OF ENGLISH: BETTINA LINN, M.A.

1.* *Elementary Russian:* Dr. de Graaff.

2.* *Intermediate Russian:* Dr. de Graaff.

Composition and conversation; reading in Russian classics and contemporary material. Prerequisite: Elementary Russian.

[201.* *Russian Literature in Translation:* Miss Linn.]

The leading Russian writers of the 19th century in translation. Students registering for the course should read in the preceding summer the following novels: Dostoevsky's *Crime and Punishment*, Tolstoi's *War and Peace*, and two of Turgenev's novels.

301.* *Russian Literature of the 20th Century:* Dr. de Graaff.

Literary movements and readings from the works of representative writers. Conducted in Russian. Prerequisite: Russian 2 or equivalent.

Sociology and Social Economy

*The Carola Woerishoffer Department
of
Social Economy and Social Research*¹

PROFESSOR:	FLORENCE PETERSON, M.A.
ASSOCIATE PROFESSOR:	HERTHA KRAUS, Ph.D.
ASSISTANT PROFESSOR:	FREDERICA DE LAGUNA, Ph.D.
LECTURER IN SOCIAL CASE WORK:	MARY MARGARET ZENDER, M.A., M.S.S.
LECTURER IN MEDICAL SOCIAL WORK:	MURIEL JANET GAYFORD, M.S.P.A.
LECTURER IN SOCIAL RESEARCH:	KATHERINE LOWER, Ph.D.
SPECIAL LECTURERS IN PSYCHIATRIC INFORMATION:	LEON J. SAUL, M.D. M. ROYDEN C. ASTLEY, M.D.
SPECIAL LECTURER IN MEDICAL INFORMATION:	WILLIAM A. JEFFERS, M.D.

The Department maintains several types of programs leading toward different degrees. The programs for the M.A. and the Ph.D. are for students who are primarily interested in theory and intensive research in a chosen special area. The curriculum of studies includes sociological and social theory, labor relations, industrial organization, and research in industrial and social conditions.

The program leading to the degree of Master of Social Service includes four semesters and a ten-week summer session between the first and second years. The program is designed to prepare students for work in the various social services and offers three major areas of concentration—social casework, community organization and social research. In general, candidates for the M.S.S. degree are required to take *History of Social Welfare, Physical and Psychological Development of the Individual* and *Introduction to Social Research* during the first semester of their first year and *Legislation for Social Security, Problems of Physical and Mental Disease* and *Casework I* during the second semester of their first year, and *Social Research* during the first semester of their second year. Further requirements are contingent upon the candidate's field of concentration.

¹ For additional information write for Bulletin of The Carola Woerishoffer Graduate Department of Social Economy and Social Research.

SEMINARIES IN SOCIOLOGY AND ALLIED SUBJECTS

Each seminary meets two hours a week.

Labor-Management Relations (first semester): Miss Peterson.

Economic and social forces which influence labor and management relations; the process of collective bargaining and its impact upon workers and industry.

Labor Problems (second semester): Miss Peterson.

Wages and standard of living; union-management cooperation and conflict; the government's role in the settlement of labor problems.

History of Social Welfare (first semester): Dr. Kraus.

Principles and practices of the more important earlier methods of assisting the poor, the physically, mentally and socially handicapped, and of the major community resources developed for the purpose both here and abroad.

Legislation for Social Security (second semester): Dr. Kraus.

Social legislation in the United States, current and pending, with emphasis on the changes in fundamental concepts. Important social legislation in other countries is used as comparative material.

International Welfare Services: Dr. Kraus.

The history and principles of international cooperation for social welfare in the fields of war and disaster relief, and international aid to rehabilitation and resettlement. Special attention is given to the strengthening of the social welfare component in various inter-governmental agency programs and the development of long-range policies and standards for human welfare and suitable methods for their international implementation.

(Offered on request of a sufficient number of students.)

Physical and Psychological Development of the Individual (first semester): The Department and Special Lecturers.

Selected knowledge from the fields of medicine, psychology, and psychiatry regarding normal growth and change of the individual as an integrated, functional organism. The emphasis is on the process of adjustment during growth and the building up of mechanisms for meeting physical and social forces in a changing culture.

Problems of Physical and Mental Disease (second semester): The Department and Special Lecturers.

Knowledge from the related fields of medicine and psychiatry regarding specific disease processes as they commonly appear in social work practice. The emphasis is on those diseases which have an important social component, especially the chronic illnesses, and on related or resulting problems of social maladjustment.

Advanced Psychiatric Information (first semester): Dr. Saul.

Ten lectures giving a systematic presentation of the field of psychiatry as it impinges upon the work of the social case worker.

No credit, but required of all students majoring in casework.

ADVANCED UNDERGRADUATE AND ELECTIVE COURSES

202b. *Child Welfare Services*: Dr. Kraus.

A survey of child welfare needs and services with special emphasis on the development of recent government programs.

205. *Ethnology*: Dr. de Laguna.

Cultures of contemporary non-literate peoples; cultural dynamics.

310. *Sociological Theory*: Instructor to be announced.

Factors involved in the sociological interpretation of society and culture; the nature of social interaction, control and change with particular attention to the social problems involved.

PROCESSES AND TECHNIQUES

Social Casework I (second semester): Miss Zender.

The generic processes in casework practice; interaction among client, worker, agency, and community developed through class discussion of the student's own material and material introduced by the instructor. Field work: 300 hours.

Social Casework I (summer): Miss Zender.

Continuation of generic processes in casework practice. Field work: 300 hours.

Social Casework II (one year): Miss Zender.

A study of case material designed to increase the student's skill in dealing with the various problems which bring clients to the social casework agencies. Field work: 600 hours.

Principles of Medical Social Work (one year): Miss Gayford.

Medical social casework in various medical settings with emphasis upon understanding the social and emotional component in illness and in medical care; administrative problems of medical social work. A series of medical lectures, clinic observation and participation in medical conferences are arranged at various medical schools in Philadelphia. Field work: 600 hours.

Principles of Group Work: Dr. Kraus.

Basic principles of group work, its elementary techniques, the inter-relation of group work and casework, and the application of ground work principles and skills to other areas of social work.

(Offered on request of a sufficient number of students.)

Community Organization (first semester): Dr. Kraus.

Past and present methods and trends in the organized planning, promotion, and implementation of social welfare programs in different functional fields and in relation to their operation on different levels of government.

Students majoring in Community Organization will be assigned block field work during one summer. (375 hours.)

Social Administration (second semester): Dr. Kraus.

The principles and procedures of administration as applied to public and private social agencies; inter-agency relations. Opportunities for field work and research will be arranged according to the interests and qualifications of the students.

Personnel Administration in Industry: Miss Peterson.

Selection and training; work incentives and work conditions; adjustment of employee grievances.

(Offered on request of a sufficient number of students.)

Introduction to Social Research (first semester): Dr. Lower.

Principles, methods and use of social research.

No credit, but required of all candidates for degrees who have not had an equivalent undergraduate course.

Social Research (first semester): Dr. Lower.

The more advanced methods and recent developments in social research as well as application of research methods in the planning and execution of specific projects.

Spanish

PROFESSOR:	JOSEPH E. GILLET, Ph.D. ¹
DEAN OF THE COLLEGE:	DOROTHY NICOLE NEPPER, Ph.D.
ASSISTANT PROFESSOR:	MANUEL ALCALÁ, Litt.D.

VISITING PROFESSOR:	PEDRO SALINAS, Ph.D., Litt.D.
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The seminary meets two hours weekly.

Seminary: Dr. Salinas.

1948-49: *Spanish Lyric Poetry from 1900 to 1945.*

1949-50: *The Spanish Drama before Lope de Vega.*

1950-51: *Cervantes, the Novelas Exemplares and the Entremeses.*

ADVANCED UNDERGRADUATE AND FREE ELECTIVE COURSES

[201. *Spanish-American Literature*: Mr. Alcalá.]

The development of Spanish-American literature from its beginnings. Collateral reading and reports.

¹ On leave of absence.

203. *The Spanish Novel*: Mr. Alcalá and Dr. Nepper.

The history of the novel in Spain from the beginnings to the present day. Collateral reading and reports.

- [204. *The Spanish Lyric*: Mr. Alcalá.]

Lyrical poetry in the Hispanic countries from the beginnings to the present day. Collateral reading and reports.

- [301. *History of Spanish Literature from the Renaissance to Romanticism*: Dr. Gillet.]

Collateral reading and reports.

302. *History of Spanish Literature from Romanticism to the Present Day*: Dr. Salinas.

Collateral reading and reports.

Interdepartmental Courses

The following courses are given by several departments in cooperation. The object is to cut across well defined areas of knowledge and to show the relationships existing among them.

- [202. *Aspects of Eighteenth Century Life and Thought*: Dr. Manning, Dr Northrop, Miss Stapleton.]

- [203. *The Development of Scientific Thought*: Dr. Wyckoff, Dr. Oppenheimer.]

The study of the development of scientific ideas and techniques in chronological sequence, and their origins, interrelationships, and impact on other intellectual activities of various periods. Open to students who have had one year of laboratory science in college. (This course is also listed as Biology 307 and as Geology 306*.)

211. *The Theory and Practice of Democracy*: Dr. Wells, Miss Stapleton, Dr. Stearns, Dr. Hubbard.

The fundamental concepts of democracy and their expression in governmental institutions; their relationship to contemporary political problems.

FELLOWSHIPS AND SCHOLARSHIPS

APPLICATION

Applications for resident fellowships and scholarships should be made to the Dean of the Graduate School and must be filed not later than March first preceding the academic year for which they are desired. Blanks are forwarded to all applicants by the Dean. Awards are announced each year on April first. Original papers and photographs, sent by applicants in support of their applications, can be returned only if postage is enclosed for that purpose, or specific instructions are given for return by express. Testimonials and letters from professors and instructors are filed for reference.

DUTIES OF RESIDENT FELLOWS AND SCHOLARS

Resident fellows and scholars are expected to live in the Graduate Center, to attend official functions of the College, and to assist in the conduct of examinations. Holders of fellowships are expected to give about an hour and a half a week to special work assigned by their departments, and are not permitted to teach or to undertake any other duties in addition to their college work. Holders of scholarships may, with the approval of the Dean of the Graduate School, make their own arrangements to do a limited amount of paid work. Resident fellows and scholars must pay the usual fees and charges (see pages 19-21).

TRAVELLING FELLOWSHIPS

The Bryn Mawr European Fellowship, value \$500, founded in 1889, is awarded annually to a member of the graduating class, to be applied toward the expenses of one year's study at some foreign university. For the present, it may be held in an American university. The holder of this fellowship receives in addition an Elizabeth S. Shippen Scholarship, value \$200.

The Mary Elizabeth Garrett European Fellowship, value \$1000, founded by Miss Garrett of Baltimore, is awarded annually for excellence in scholarship to a graduate student at Bryn Mawr College who is a candidate for the degree of Doctor of Philosophy at Bryn Mawr College. It is to be applied to the expenses of one year's study or research abroad, or, in special cases, in the United States.

The Fanny Bullock Workman Fellowship, value \$1200, for a year of study or research abroad was established in 1927 by bequest of Fanny Bullock Workman and by gift of her husband, Dr. W. Hunter Workman. It is awarded to 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.

The Anna Ottendorfer Memorial Research Fellowship, value \$1000, in German and Teutonic Philology, founded in 1907 by Mrs. Anna Woerishoffer of New York City in memory of her mother, is to be applied to the expenses of study and residence for one year at some German university. It is awarded annually to a candidate who has completed at least one year of graduate study at Bryn Mawr College, on the basis of evidence regarding her ability to conduct independent investigations in the fields of Teutonic Philology or German. The choice of a university is determined by the holder's preference subject to the approval of the Faculty.

The Ella Riegel Fellowship or Scholarship in Classical Archæology was founded in 1937 by bequest of Ella Riegel. It is awarded on the recommendation of the Department of Classical Archæology and only to advanced students in this subject. It is given for study abroad but may, at the discretion of the department, be used at Bryn Mawr College.

RESIDENT FELLOWSHIPS

Twenty *Resident Fellowships*, value \$1250 each, are offered annually in Biology, Chemistry, Classical Archæology, Economics and Politics (the Justus C. Strawbridge Fellowship), Educational Psychology, English, Geology, German, Greek, History, History of Art, Latin, Mathematics, Philosophy, Physics, Psychology, Romance Languages (two fellowships), and Social Economy (two Carola Woerishoffer Memorial Fellowships). They are open for competition to American and Canadian students who are graduates of any college of good standing, and have completed at least one full year of graduate work after obtaining their first degree or have obtained the Master's degree.

Fellows who continue their studies at the College after the expiration of their fellowships may, by a vote of the Directors, receive the rank of Fellows by Courtesy.

The Helen Schaeffer Huff Memorial Research Fellowship. This fellowship is awarded for a year of research work in Physics or Chemistry at Bryn Mawr College. Candidates must be women who have demonstrated their ability for research. If other qualifications are equal among a number of candidates, preference will be given to a woman whose field of research overlaps the fields of Chemistry and Physics. This fellowship is normally awarded to a post-doctoral candidate to enable her to continue her research program. In such cases the stipend will be \$1600. In exceptional cases, candidates engaged in important research who have not completed the work for the doctorate will be considered. For such students the stipend will be smaller, the amount to be determined on the basis of the candidate's qualifications.

The Helen Schaeffer Huff Memorial Research Fellow has no duties except those connected with her own research, but she may arrange with the department in which she is working to do a small

amount of teaching if she so desires. The holder of this fellowship may, if she wishes, live in the Graduate Center, the graduate residence hall of Bryn Mawr College.

SCHOLARSHIPS FOR FOREIGN WOMEN

By special action of the Directors, five resident scholarships of \$1150 each are offered in 1948-49 and in 1949-50 to qualified foreign students. A supplementary award of \$500 has been granted by The English-Speaking Union to the British recipient of one of these scholarships.

Special Foreign Scholarships for French, German, Italian and Spanish have been established, with the cooperation of the Institute of International Education, for countries whose languages form part of the Bryn Mawr curriculum. Under this arrangement, Bryn Mawr College gives board, lodging, and tuition to the scholars and asks them to devote four or five hours a week to supervised teaching or other assistance in the department.

The Special Scholarship for French has been named by the Board of Directors of Bryn Mawr College in memory of Marcelle Pardé who was a member of the French Department of Bryn Mawr College between 1919 and 1929, and at the time of her death in the German prison camp at Ravensbrück was the Directrice de la Lycée de Jeunes Filles at Dijon.

RESIDENT GRADUATE SCHOLARSHIPS

Twenty-two *Resident Graduate Scholarships*, value \$650 each, are offered annually in open competition to students who are graduates of colleges of good standing.

In rare cases applicants for these scholarships may, on the basis of financial need, be given a supplementary grant not to exceed \$200. Applicants for such grants must fill out a special form giving a report on their financial status. Application should be made by March first.

Lillia Babbitt Hyde Foundation Scholarships in science and in pre-medical studies are open to students in both graduate and undergraduate schools. They will first be awarded in 1948-49.

FELLOWSHIPS AND SCHOLARSHIPS UNDER THE PLAN FOR COORDINATION IN THE TEACHING OF THE SCIENCES

Three Scholarships of the value of \$700 each are offered to qualified students who have had undergraduate training in two or more of the natural sciences and who wish to continue study in fields such as Biochemistry, Biophysics, Crystallography, Geochemistry, Geophysics or Psychophysics.

Three Fellowships of the value of \$1250 each are offered to candidates in the same fields who, in addition to undergraduate training, have had at least a year of graduate work in science.

These Scholars and Fellows will pay the regular tuition fee of \$400 a year and laboratory fees up to \$25 a semester. For residence in the Graduate Center an additional \$750 will be charged.

NON-RESIDENT GRADUATE SCHOLARSHIPS

Six *Non-Resident Tuition Scholarships*, value \$400 each, are offered annually to graduate students whose homes are in the vicinity of the College.

Social Agency Scholarships in Social Economy, value ranging from \$500 to \$1100 for first-year and second-year students are given by various social agencies and social service departments of hospitals in Philadelphia and the vicinity. Holders will be placed for supervised field work with the agencies giving the scholarships. They may live in the Graduate Center.

The Susan M. Kingsbury Research Grant in Social Economy and Social Research, value \$300, is awarded in alternate years on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research to advanced students, preferably candidates for the degree of Doctor of Philosophy. Holders of this grant may live in the Graduate Center.

RESEARCH ASSISTANTSHIP

The Susan M. Kingsbury Research Assistantship in Social Economy and Social Research, value \$1000 and a remission of tuition, is awarded annually on the recommendation of the Director of the Carola Woerishoffer Graduate Department of Social Economy and Social Research. It is open to graduates of any college of good standing, preferably to advanced students and candidates for the degree of Doctor of Philosophy, who, from either training or experience, have knowledge of methods and techniques in social investigation.

GRADUATE PRIZE

The Susan B. Anthony Memorial Prize, value \$500, commemorating the great work of Susan B. Anthony for women, was founded by her friend, Anna Howard Shaw, and her niece, Lucy E. Anthony. It is offered every two years to a graduate student at Bryn Mawr College who has published or submitted in final form for publication the best study dealing with the industrial, social, economic, or political position of women in the past, present, or future. The award is made by a committee of which the President of the College is chairman.

EMMY NOETHER FELLOWSHIP

The Emmy Noether Fellowship in Mathematics was founded by gifts from many donors in memory of Emmy Noether who came to Bryn Mawr College from Germany in 1933 and who died April 14, 1935. It is open to women in the United States and in foreign countries who are advanced graduate students of Mathematics. It is awarded by the Department of Mathematics in Bryn Mawr College, and may be used, subject to the approval of the Department, at any institution in the United States or in a foreign country.

STUDENTS' LOAN FUND

The Students' Loan Fund of the Alumnæ 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 the Alumnæ 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, 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 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. While the student is in College interest is charged at the rate of one per cent; after the student leaves College the interest rate is two per cent. The entire principal must be repaid within five years from the time the student leaves College at the rate of twenty per cent each year.

Contributions to the Loan Fund may be sent to the Chairman of the Scholarships and Loan Fund Committee, Alumnæ Office, The Deanery, Bryn Mawr, Pennsylvania. Students who wish to borrow from the Loan Fund may obtain application blanks for this purpose from the Alumnæ Office.

Mary Hill Swope Loan Fund

This fund was established June 1, 1945 by a gift of Mrs. Gerard Swope (Mary Hill, A.B. 1896) under the following conditions:

To assist in the education of young women irrespective of color or creed attending Bryn Mawr College, the income of the fund to be loaned to students in the following manner:

1. The following order of preference shall be followed in awarding such loans:
 - A. To students coming from New Jersey.
 - B. To students coming from Missouri.
 - C. To students coming from any other location who have had not less than one year of residence at the College.
2. The loans in the above order of preference, and in the following manner, shall be awarded by the President of Bryn Mawr College, or by a Committee appointed by her from time to time.

3. Applicants for loans shall be considered not only from the standpoint of academic attainment and financial need, but also from the standpoint of character and personal qualifications for deriving the greatest good from a continuation of their studies.
4. These loans shall be used primarily to enable the exceptional student to continue her studies which otherwise would be prevented through lack of means.
5. In the awarding of the loans, the recipient should understand that if in after years she is in a position to do so, she is to repay to the income account of the Loan Fund the amount so loaned to her, with or without interest. It is to be understood that this is entirely a moral obligation upon the recipient.

Bertha Goldstein Memorial Loan Fund

The Bertha Goldstein Memorial Loan Fund, established in honor of Bertha Goldstein, A.B. 1938 and M.A. 1939, is a revolving fund from which, upon recommendation of the Department of Social Economy, a limited number of loans may be made to graduate students of Social Economy. Loans are made without interest and must be repaid within five years.

THE BUREAU OF RECOMMENDATIONS

The College conducts a Bureau of Recommendations for alumnæ, students, and former students. This bureau offers an employment service for permanent, temporary, and part-time positions; and a vocational service for the student body, which includes vocational tests, assistance in choosing a vocation, and the presentation of a series of conferences and lectures. It also acts as a clearing house for letters of recommendation for those who have registered with the bureau. These letters will be sent, upon request, to prospective employers and other agencies.

FELLOWS, SCHOLARS AND GRADUATE STUDENTS

1947-48

Travelling Fellow

DRAGONETTE, LEILA ANN,

Bryn Mawr European Fellow, Shippen Foreign Scholar
Philadelphia, Pa. A.B. Bryn Mawr College 1947.

Resident Fellows

CRAMER, MARIAN LENORE.....*Fellow in Biology*
Pharr, Texas. A.B. University of Texas 1946 and M.A. 1947.

MONACK, LOUISE CHARLOTTE.....*Fellow in Chemistry*
Charleroi, Pa. A.B. West Virginia University 1942 and M.S. 1944.

KOHLER, ELLEN LUCILE.....*Fellow in Classical Archaeology*
Seattle, Wash. A.B. University of Washington 1938 and M.A. 1942.

MOORE, JANET ELIZABETH.....*Fellow in English*
Glen Ridge, N. J. A.B. Wheaton College 1936; M.A. University of Oregon 1948.

WEISS, JUDITH VERA.....*Fellow in Geology*
Philadelphia, Pa. A.B. Temple University 1934; M.A. Bryn Mawr College 1946.

REESOR, MARGARET ELAINE.....*Fellow in Greek*
Toronto, Ont., Canada. B.A. University of Toronto 1945 and M.A. 1946.

LITWINCHUK, ALICE MARY.....*Fellow in History*
Girardville, Pa. A.B. Temple University 1946 and M.A. 1947.

LEADBEATER, DOROTHY LAURETTA.....*Fellow in History of Art*
New York, N. Y. B.S. New York University 1931; M.A. Teachers College, Columbia University 1935.

UHLFELDER, MYRA L.....*Fellow in Latin*
Cincinnati, Ohio. A.B. University of Cincinnati 1945 and M.A. 1946.

ROBINSON, JOAN ELIZABETH.....*Fellow in Mathematics*
Monkton, Md. A.B. Goucher College 1946; M.A. Johns Hopkins University 1947.

GAUS, LOUISE.....*Fellow in Physics*
Albany, N. Y. A.B. Vassar College 1944; M.A. Bryn Mawr College 1948.

Special Fellows and Scholar

ELKIN, CELIA ZELMANOWITZ¹.....*Anna Ottendorfer Memorial*
Research Fellow
Brooklyn, N. Y. A.B. Brooklyn College 1945; M.A. Bryn Mawr College 1946.

WOLFF, RENATE CHRISTINE.....*Anna Ottendorfer Memorial*
Research Fellow
Washington, D.C. A.B. Goucher College 1941; M.Ed. Smith College 1942;
M.A. Bryn Mawr College 1947.

¹ Mrs. Irving Elkin.

- SMITHSON, EVELYN LORD². *Ella Riegel Scholar in Classical
Archæology*
Seattle, Wash. A.B. University of Washington 1944; M.A. Bryn Mawr College
1946.
- ROSENZWEIG, ABRAHAM. *Non-Resident Fellow under the Plan for
Coordination in the Teaching of the Sciences*
Bryn Mawr, Pa. B.S. University of Pennsylvania 1946.
- ZIMMERMAN, JUNE FERN. *Non-Resident Fellow under the Plan
for Coordination in the Teaching of the Sciences*
Milwaukee, Wis. B.S. Illinois Institute of Technology 1943 and M.S. Chem.
1945; Ph.D. Bryn Mawr College 1948.

Teaching Fellows and Foreign Scholars

- CH'IH, CHI SHANG. *Foreign Graduate Scholar*
Peking, China. B.A. National Tsing Hua University 1941; M.A. Bryn Mawr
College 1947.
- DANIEL, ESME. *British Graduate Scholar and Sir John Dill
Memorial Fellow of The English-Speaking Union*
Rhondda, Glam., South Wales. B.A. University College of Wales 1947.
- DE TAEYE, FRANCINE ZOÉ. *Marcelle Pardé Teaching Fellow
in French*
Bagnères de Bigorre, Hautes Pyrenées, France. Licenciée-ès-lettres, University of
Toulouse 1943.
- EDER, URSULA ELIZABETH. *Teaching Fellow in German*
Zürich, Switzerland. Zürich University 1944-47; M.A. Bryn Mawr College 1948.
- FONDA, SERENA. *Teaching Fellow in Italian*
Trieste. Doctor in Political Science, University of Trieste 1945; M.A. Bryn Mawr
College 1948.
- GRÜNER, AASE ELISABETH. *Foreign Graduate Scholar
(Semester II)*
Bekkelagshøgda, Norway. *cand. mag.* University of Oslo 1942; M.A. Johns Hop-
kins University 1948.
- HABIB, WADAD. *Foreign Graduate Scholar*
Cairo, Egypt. B.A. American University, Cairo, 1946; M.A. Bryn Mawr College.
1948.
- KÜNZLI, ROSE-MARY. *Foreign Graduate Scholar*
Wettingen, Aargau, Switzerland. Diploma, Eidgenössische Technische Hoch-
schule, Zürich, 1947.
- LARREGUY, LÉONIE GARCIA OLANO³. *Teaching Fellow in Spanish*
Buenos Aires, Argentina. *Profesorado de literatura*, University of Buenos Aires,
1941.

Graduate Scholars

- RUSSO, EVELYN ESTHER. *Non-Resident Scholar in Biology*
Philadelphia, Pa. A.B. Rosemont College 1947.
- CARMICHAEL, ELIZABETH RANDOLPH. . . *Graduate Scholar in Chemistry*
Fredericksburg, Va. A.B. Bryn Mawr College 1946 and M.A. 1947.

² Mrs. Bruce M. Smithson.

³ Mrs. Garcia de Larreguy.

- QUINN, MARGARET JOSEPHINE *Graduate Scholar in Chemistry*
Philadelphia, Pa. A.B. Bryn Mawr College 1947 and M.A. 1948.
- BLOMMERS, ELIZABETH ANN. *Non-Resident Scholar in Chemistry*
Philadelphia, Pa. A.B. Bryn Mawr College 1945 and M.A. 1946.
- ROULSTON, ELIZABETH ANNE. *Non-Resident Scholar in Chemistry*
Folcroft, Pa. B.S. Dickinson College 1947; M.A. Bryn Mawr College 1948.
- DERUS, JEAN MARGARET. *Graduate Scholar in Economics and
Politics*
Kaukauna, Wis. A.B. Lawrence College 1947; M.A. Bryn Mawr College 1948.
- WILÉN-INGMAN, DORA ELISABETH. *Graduate Scholar in Economics
and Politics*
Abo, Finland. Swedish University of Abo 1945-47; M.A. Bryn Mawr College 1948.
- KING, JOSEPHINE YAGER ⁴. *Non-Resident Scholar in Economics
and Politics*
Philadelphia, Pa. A.B. University of Pennsylvania 1942; M.A. Bryn Mawr
College 1943.
- GOLDSBOROUGH, DIANA ELEANOR. *Graduate Scholar in English*
St. Catharines, Ont., Canada. B.A. University of Toronto 1947; M.A. Bryn Mawr
College 1948.
- WESTLAND, OLGA ALICE. *Graduate Scholar in English*
Toronto, Ont., Canada. B.A. University of Toronto 1947; M.A. Bryn Mawr
College 1948.
- STAVRAKI, CALLIOPE. *Graduate Scholar in Greek*
Athens, Greece. Literature Diploma, University of Athens 1937; M.A. Bryn
Mawr College 1948.
- CHURGIN, NAOMI HELEN. *Graduate Scholar in History*
New York, N. Y. A.B. Hunter College 1947; M.A. Bryn Mawr College 1948.
- DRIVER, SHIRLEY ROSALIND. *Graduate Scholar in History of Art
(Semester I)*
Toronto, Ont., Canada. B.A. University of Toronto 1947.
- ROTHKOPF, SHOSHANAH *Graduate Scholar in Italian*
Taunton, Mass. A.B. Boston University 1947.
- KINGSBURY, ANNE EVELYN. *Graduate Scholar in Latin*
Skaneateles, N. Y. A.B. Bryn Mawr College 1947 and M.A. 1948.
- PINETTE, LUCILLE KATHRYN. *Graduate Scholar in Mathematics*
Millinocket, Me. A.B. Colby College 1937; M.A. Syracuse University 1943.
- DUBOSE, LOUISA SHANNON. *Graduate Scholar in Philosophy*
Camden, S. C. A.B. University of South Carolina 1947.
- REDDING, ESTHER DUKE ⁵. *Non-Resident Scholar in Physics*
Swarthmore, Pa. A.B. Wellesley College 1942; M.A. Bryn Mawr College 1948.
- SHAPIRO, ROSALYN. *Graduate Scholar in Social Economy
and Social Research*
Bronx, N. Y. A.B. Hunter College 1947.
- CAMPBELL, JEAN ELDWYTH. *Carola Woerishoffer Scholar in Social
Economy and Social Research*
New York, N. Y. A.B. Hunter College 1947.

⁴ Mrs. Benton D. King.⁵ Mrs. Esther Duke Redding.

- SLOANE, HELEN BARBARA. *Carola Woerishoffer Scholar in Social Economy and Social Research*
Harrisburg, Pa. A.B. Lebanon Valley College 1938.
- DAVIS, MANJA MUENZ ⁶. *Non-Resident Scholar in Social Economy and Social Research*
Philadelphia, Pa. A.B. Hunter College 1946.
- O'CONNELL, GERTRUDE JANE. *Non-Resident Scholar in Social Economy and Social Research*
Narberth, Pa. A.B. Rosemont College 1943.
- HOROWITZ, ARLENE. *Graduate Scholar in Spanish (Semester I)*
Flushing, L.I., N.Y. A.B. Queens College 1947.

Graduate Students

- ADAMS, ELEANOR *Graduate Student in German*
Bryn Mawr, Pa. B.S. Simmons College 1946.
- ALBERSTADT, DOROTHY G. ⁷. *Graduate Student in Psychology (Semester I)*
Philadelphia, Pa. A.B. Temple University 1944.
- BARRATT, EMILY CLOSE ⁸. *Graduate Student in Psychology (Semester I)*
Broomall, Pa. A.B. University of Pennsylvania 1942.
- BEIDLER, MARY LOU HACKETHAL ⁹. *Graduate Student in Physics*
Philadelphia, Pa. A.B. Goucher College 1944.
- BENNETT, BARBARA. *Graduate Student in History*
Wynnewood, Pa. A.B. Bryn Mawr College 1947.
- BOGERT, BERNARD O. *Graduate Student in Geology*
Easton, Pa. B.S. Lafayette College 1931; M.A. Columbia University 1935.
- BOGGS, BESSIE MAXWELL. *Graduate Student in Social Economy and Social Research*
Philadelphia, Pa. B.S. University of Pennsylvania 1932.
- BOUDREAU, CYNTHIA ELIZABETH. *Graduate Student in Geology*
Woodstock, N. Y. A.B. Bryn Mawr College 1945 and M.A. 1948.
- BROOKS, JANE STEVENS ¹⁰. *Graduate Student in English*
Plymouth Meeting, Pa. A.B. Rosemont College 1937.
- BROWN, ALICE P. *Graduate Student in Social Economy and Social Research (Semester I)*
Harrisburg, Pa. A.B. Wilson College 1934.
- BROWN, MARY ELIZABETH. *Graduate Student in Social Economy and Social Research*
Los Angeles, Calif. A.B. Bryn Mawr College 1942.
- CALDWELL, ANNELIESE HEINEN ¹¹. *Graduate Student in Social Economy and Social Research*
Philadelphia, Pa. A.B. Wheaton College 1940.

⁶ Mrs. Lester Davis.

⁷ Mrs. David Alberstadt.

⁸ Mrs. William C. Barratt, Jr.

⁹ Mrs. Lloyd M. Beidler.

¹⁰ Mrs. Stanley A. Brooks.

¹¹ Mrs. Wesley H. Caldwell.

- CALVERT, JULIE NEIL *Graduate Student in Biology*
Plainfield, N. J. A.B. Wilson College 1946; M.A. Bryn Mawr College 1948.
- CARR, JOSEPHINE JEANNETTE *Graduate Student in Mathematics*
Arlington, Mass. A.B. Wheaton College 1946; M.A. Bryn Mawr College 1948.
- CARROLL, JOAN ESTELLE *Graduate Student in Economics
and Politics*
Salem, Mass. A.B. Radcliffe College 1946; M.A. Bryn Mawr College 1948.
- CLARK, IDA LEE ¹² *Graduate Student in Social Economy and
Social Research (Semester I)*
Philadelphia, Pa. A.B. Fisk University 1933; M.S.W. Atlanta University 1937.
- CLAVAN, WALTER S. *Graduate Student in Geology*
Philadelphia, Pa. B.S. University of Pennsylvania 1942 and M.S. 1947.
- CLELAND, EMILY WADSWORTH ¹³ *Graduate Student in Classical
Archæology*
Williamstown, Mass. A.B. Smith College 1915; M.A. Columbia University 1916.
- CLIFFORD, ESTHER ROWLAND ¹⁴ *Graduate Student in French*
Radnor, Pa. A.B. Vassar College 1928.
- COLCORD, ANNE ENGLISH *Graduate Student in English*
New York, N. Y. A.B. Wellesley College 1945.
- CONDIT, ANN *Graduate Student in Philosophy
(Semester II)*
South Bend, Ind. A.B. Wellesley College 1944.
- COPP, ELEANOR PUSEY ¹⁵ *Graduate Student in English
(Semester II)*
Philadelphia, Pa. B.L.I. Emerson College 1937.
- CORTÉS, GLORIA *Graduate Student in English and History*
Madrid, Spain. *Maestra*, Escuela Normal de Zaragoza 1940; *Licenciada*, University of Zaragoza 1942.
- CRAWFORD, BARBARA ADAMS *Graduate Student in History of Art*
Lake City, Minn. A.B. Carleton College 1944; M.A. Bryn Mawr College 1948.
- CROSDALE, DOROTHY D. ¹⁶ *Graduate Student in Social Economy
and Social Research*
Berwyn, Pa. A.B. Mount Holyoke College 1931.
- CROFTS, FRANCES LORETTA *Graduate Student in Psychology*
Cleveland Heights, Ohio. A.B. Radcliffe College 1947.
- CULIN, ELEANOR D. *Graduate Student in Social Economy and
Social Research*
Wynnewood, Pa. B.S. University of Pennsylvania 1927.
- DE JERSEY, MURRAY GORDON *Graduate Student in Psychology*
Montreal, Que., Canada. B.A. McGill University 1942 and M.A. 1946.
- DELOBEL, JACQUELINE *Graduate Student in French*
Bryn Mawr, Pa. *Licence Anglais*, Lille University, 1935.
- DIKE, PAUL ALEXANDER *Graduate Student in Geology*
Philadelphia, Pa. A.B. Johns Hopkins University 1937.

¹² Mrs. Louis Clark.¹⁵ Mrs. G. Frederic Copp.¹³ Mrs. H. F. Cleland.¹⁶ Mrs. J. P. Croasdale, Jr.¹⁴ Mrs. Henry Clifford.

- EVRRARD, CONNIE FAE VAN ERT¹⁷ . . . *Graduate Student in Psychology*
Milwaukee, Wis. A.B. Milwaukee-Downer College 1947.
- FERNÁNDEZ, CARMENCITA *Graduate Student in English*
Santurce, Puerto Rico. A.B. College of the Sacred Heart 1947.
- FIGUEROA, CARMEN *Graduate Student in Spanish (Semester I)*
Santiago, Chile. A.B. University of Chile 1945; M.A. Wellesley College 1947.
- FREYGANG, ELIZABETH LEE¹⁸ *Graduate Student in Philosophy*
(Semester II)
Philadelphia, Pa. A.B. Randolph-Macon Woman's College 1947.
- FRIESE, ELFRIEDE *Graduate Student in Social Economy and*
Social Research
Lancaster, Pa. Certificate, Niederrheinische Frauen-Akademie, Düsseldorf, 1928;
M.S.S. Bryn Mawr College 1948.
- GINDY, AIDA *Graduate Student in Social Economy and*
Social Research
Cairo, Egypt. A.B. American University of Cairo 1943; M.A. Bryn Mawr Col-
lege 1947.
- GLASS, EPHRAIM *Graduate Student in Social Economy and*
Social Research
Melrose Park, Pa. A.B. University of Pennsylvania 1934.
- GOEPP, A. PATRICIA *Graduate Student in Social Economy and*
Social Research
Philadelphia, Pa. A.B. University of Pennsylvania 1942; M.S.S. Bryn Mawr
College 1948.
- GOETTMAN, FRANKLIN P. *Graduate Student in Geology*
(Semester II)
Philadelphia, Pa. B.S. Pennsylvania State College 1941.
- GOODRICH, ELIZABETH BRICE¹⁹ *Graduate Student in Social*
Economy and Social Research
Bryn Mawr, Pa. A.B. Pennsylvania State College 1933.
- GORDIN, BURTON I. *Graduate Student in Social Economy and*
Social Research
Philadelphia, Pa. A.B. Temple University 1941.
- GREENWALD, SELMA W. *Graduate Student in Physics*
New York, N. Y. A.B. Hunter College 1941; M.A. Bryn Mawr College 1948.
- GRUN, RUTH ELIZABETH *Graduate Student in History*
Kingston, Pa. A.B. Wellesley College 1943.
- HALL, ELIZABETH LOUISE *Graduate Student in Social Economy*
and Social Research
Bridgewater, N. S. Canada. B.A. Dalhousie University 1916; M.A. University
of Toronto 1921; Ph.D. Bryn Mawr College 1929.
- HALLER, EVELYN CORNELIA *Graduate Student in Biology*
Yalesville, Conn. A.B. Middlebury College 1945; M.A. Bryn Mawr College 1947.
- HAMILTON, MARIANNE *Graduate Student in Education*
(Semester II)
Pittsburgh, Pa. A.B. Pennsylvania College for Women 1947.

¹⁷ Mrs. John Raymond Evrard.

¹⁹ Mrs. George E. Goodrich, Jr.

¹⁸ Mrs. Walter H. Freygang, Jr.

- HAMILTON, NORMAN WOODROW. *Graduate Student in Social Economy and Social Research*
Ithaca, N. Y. A.B. Syracuse University 1946 and M.A. 1947.
- HARNISH, MARY JEAN. *Graduate Student in Social Economy and Social Research*
Philadelphia, Pa. A.B. Lebanon Valley College 1937; M.S.S. Bryn Mawr College 1948.
- HASTINGS, CHRISTIE WEATHERBY ²⁰. . . *Graduate Student in Economics and Politics (Semester I)*
Bryn Mawr, Pa. A.B. University of California 1947.
- HOLLJES, LUCILLE JEANETTE. *Graduate Student in Chemistry*
Ventnor, N. J. A.B. Bryn Mawr College 1946 and M.A. 1947.
- INGLING, DOROTHY BENNETT. . . *Graduate Student in Social Economy and Social Research*
Wichita, Kan. A.B. Beaver College 1947.
- JACKSON, (FLORENCE) ROXANA. *Graduate Student in Social Economy and Social Research (Semester II)*
Philadelphia, Pa. A.B. Colorado College 1923; M.A. Columbia University 1929.
- JAQUA, ELEANOR STARK. *Graduate Student in Social Economy and Social Research*
Cottage Grove, Ore. A.B. Pomona College 1937; M.S.S. Bryn Mawr College 1948.
- JENKINS, LUCILLE R. ²¹. . . *Graduate Student in Social Economy and Social Research*
Chester, Pa. A.B. Ohio State University 1924; M.S.S. Bryn Mawr College 1948.
- JOHNSON, FRANCES ELIZABETH. *Graduate Student in Economics and Politics*
Glen Ridge, N. J. A.B. Bryn Mawr College 1944 and M.A. 1948.
- JULIAN, FRANCES B. ²². *Graduate Student in Social Economy and Social Research (Semester I)*
Yardville, N. J. A.B. Sarah Lawrence College 1945.
- KRAVITZ, JUNE RITA HERBERT ²³. *Graduate Student in Physics*
Philadelphia, Pa. A.B. Goucher College 1947.
- KWAN, SHANG MAY. *Graduate Student in Economics and Politics*
Peiping, China. A.B. Catholic University 1946.
- LEOPOLD, EDITH A. ²⁴. *Graduate Student in Social Economy and Social Research*
Philadelphia, Pa. A.B. Mount Holyoke College 1944; M.A. Bryn Mawr College 1947.
- LOUDEN, BARBARA BAKER ²⁵. *Graduate Student in Social Economy and Social Research*
Centre Square, Pa. A.B. Earlham College 1935; M.S.S. Bryn Mawr College 1948.
- LUTZ, KATHARINE. *Graduate Student in Geology*
Lansdowne, Pa. A.B. Bryn Mawr College 1945 and M.A. 1948.
- LYDING, ELIZABETH. *Graduate Student in Greek*
Santa Barbara, Calif. A.B. Miami University 1944; M.A. Bryn Mawr College 1945.

²⁰ Mrs. John V. Hastings.²¹ Mrs. Nelson M. Jenkins.²² Mrs. J. William Julian.²³ Mrs. Martin Kravitz.²⁴ Mrs. Robert Leopold.²⁵ Mrs. G. W. Loudon.

- MALARET, HERMINIA CARMEN. *Graduate Student in English*
Rio Piedras, Puerto Rico. A.B. Bryn Mawr College 1946 and M.A. 1948.
- MARTIN, DENISE NINA. *Graduate Student in French*
New York, N. Y. A.B. Barnard College 1947; M.A. Bryn Mawr College 1948.
- MAYO, JULIA ANN. *Graduate Student in Social Economy and*
Social Research
Philadelphia, Pa. A.B. University of Pennsylvania 1947.
- MCGEE, PORTIA ELAINE. *Graduate Student in English*
Pennlyn, Pa. A.B. Virginia Union University 1947.
- MEFFLEY, LENORE STONE²⁶. . . . *Graduate Student in Social Economy*
and Social Research
Harrisburg, Pa. A.B. University of Toledo 1925; M.S.S. Bryn Mawr College 1948.
- MEYER, MARILYN. *Graduate Student in Philosophy*
New York, N. Y. A.B. Smith College 1946; M.A. Columbia University 1948.
- MILLER, A. LOUISE. *Graduate Student in Social Economy and*
Social Research (Semester I)
Collingswood, N. J. B.S. University of Pennsylvania 1946.
- MILNER, SHIRLEY. *Graduate Student in Social Economy and*
Social Research
Philadelphia, Pa. A.B. Pennsylvania State College 1946.
- MOHLER, MARY BAIRD. *Graduate Student in Social Economy*
and Social Research
Lancaster, Pa. A.B. Dickinson College 1941; M.Ed. Smith College 1942.
- MOORE, MARGARET W.²⁷. *Graduate Student in Education*
(Semester II)
Swarthmore, Pa. A.B. Park College 1927; M.A. Columbia University 1928 and
Ph.D. 1933.
- MOTT, JOANNE HOLLOWAY. *Graduate Student in French*
(Semester II)
Ardmore, Pa. A.B. Bryn Mawr College 1947.
- MYERS, FAITH. *Graduate Student in Social Economy and*
Social Research
Lemoyne, Pa. A.B. Wilson College 1944; M.S.S. Bryn Mawr College 1948.
- NAPIER, JEAN PERRY. *Graduate Student in Social Economy and*
Social Research
Decatur, Ga. B.S. University of Pennsylvania 1946; M.S.S. Bryn Mawr College
1948.
- NASH, MYRTLE CORLISS²⁸. *Graduate Student in Psychology*
Springfield Gardens, N. Y. A.B. Swarthmore College 1937; M.A. Bryn Mawr
College 1938.
- NEEL, JOANNE LOEWE²⁹. *Graduate Student in History*
Merion, Pa. A.B. Bryn Mawr College 1942 and M.A. 1947.
- NELSON, HAVILAND. *Graduate Student in Latin*
Frederick, Md. A.B. Bryn Mawr College 1934; M.A. University of California
1939.
- NEUHARDT, CATHERINE ELIZABETH. . . . *Graduate Student in Social*
Economy and Social Research
Philadelphia, Pa. B.S. in Ed. Temple University 1946.

²⁶ Mrs. Lenore Stone Meffley.²⁷ Mrs. John M. Moore.²⁸ Mrs. Myrtle Corliss Nash.²⁹ Mrs. Percy L. Neel.

- NEWHALL, WILLIAM FREEMAN *Graduate Student in Chemistry*
Haverford, Pa. A.B. Haverford College 1941 and M.S. 1942.
- NIGOT, LISETTE GABRIELLE RENÉE *Graduate Student in French*
Paris, France. *Licenciée-ès-lettres*, Sorbonne, 1945.
- OTTO, MARY EWART ³⁰ *Graduate Student in Social Economy and*
Social Research (Semester II)
Media, Pa. A.B. St. Lawrence University 1946.
- PAGE, EVELYN *Graduate Student in History*
Abington, Conn. A.B. Bryn Mawr College 1923 and M.A. 1926.
- PALM, BARBARA ANN JOUBERT ³¹ *Graduate Student in Physics*
Philadelphia, Pa. A.B. Oberlin College 1946.
- PAUL, MARGARET TYLER ³² *Graduate Student in Psychology*
(Semester I)
Philadelphia, Pa. A.B. Bryn Mawr College 1922.
- PERRY, CHARLES *Graduate Student in Social Economy and*
Social Research
Haverford, Pa. A.B. Haverford College 1936; M.S.S. Bryn Mawr College 1948.
- PLANEIX, MARIE-ANTOINETTE *Graduate Student in English*
Bryn Mawr, Pa. *Agrégée des lettres*, Sorbonne 1943.
- PLOTKIN, SHIRLEY LEVY ³³ *Graduate Student in Social Economy*
and Social Research
Philadelphia, Pa. A.B. University of Pennsylvania 1945.
- POCOCK, KATHRYN TANNER ³⁴ *Graduate Student in History of Art*
and English (Semester II)
Bryn Mawr, Pa. A.B. Bryn Mawr College 1947.
- POLLAK, GERTRUDE KARY ³⁵ *Graduate Student in Social Economy*
and Social Research
Bryn Mawr, Pa. Ph.D. University of Vienna 1928 and Doctor of Law 1932;
M.S.S. Bryn Mawr College 1948.
- POST, LOIS LENOIR *Graduate Student in Spanish and History*
Pittsburgh, Pa. A.B. Bryn Mawr College 1945.
- RAMOS, JACK M. *Graduate Student in History of Art*
Harrisburg, Pa. A.B. University of Kentucky 1941.
- RUBIN, JACOB *Graduate Student in Social Economy and*
Social Research
Philadelphia, Pa. B.S. in Ed. Temple University 1930; M.S.S. Bryn Mawr
College 1948.
- SCATTERGOOD, DOROTHY DEANE ³⁶ *Graduate Student in French*
(Semester I)
Villanova, Pa. A.B. University of North Dakota 1923.
- SCHAAL, BETTY ELAINE *Graduate Student in Economics*
and Politics
Lansdowne, Pa. A.B. Lawrence College 1947; M.A. Bryn Mawr College 1948.

³⁰ Mrs. Werner G. Otto.³⁴ Mrs. R. H. Pocock.³¹ Mrs. Kenneth E. Palm.³⁵ Mrs. Otto Pollak.³² Mrs. S. H. Paul.³⁶ Mrs. J. Henry Scattergood.³³ Mrs. Robert Plotkin.

- SCHEWE, ELENORE.....*Graduate Student in Biology*
Vandalia, Mo. B.Arch. Washington University 1941.
- SCIAMANDA, ANDRÉE THOREUX³⁷.....*Graduate Student in French*
Philadelphia, Pa. *Licenciée-ès-lettres*, University of Paris, 1941.
- SHAABER, MARGARET LIVINGSTON DONALDSON³⁸...*Graduate Student*
in English
Philadelphia, Pa. A.B. Radcliffe College 1925.
- SHIRTZ, VIRGINIA M.....*Graduate Student in Social Economy and*
Social Research
Drexel Hill, Pa. A.B. Ursinus College 1941; M.S.S. Bryn Mawr College 1948.
- SISKIND, JEROME GERALD.....*Graduate Student in Social Economy*
and Social Research
Philadelphia, Pa. A.B. Brooklyn College 1942; M.S.S. Bryn Mawr College 1948.
- SORBER, JANE.....*Graduate Student in History of Art*
Swarthmore, Pa. A.B. Swarthmore College 1947.
- SPRAGUE, ROSAMOND KENT³⁹.....*Graduate Student in Philosophy*
Bryn Mawr, Pa. A.B. Bryn Mawr College 1945 and M.A. 1948.
- STANLEY, ALICE DAVIES⁴⁰.....*Graduate Student in Latin*
Glenside, Pa. A.B. Vassar College 1940; M.A. Bryn Mawr College 1947.
- STARR, ROBERT W. III.....*Graduate Student in Biology*
Bryn Mawr, Pa. B.S. Haverford College 1942; M.A. Bryn Mawr College 1948.
- STEVENSON, SALLY BARCLAY.....*Graduate Student in Philosophy*
Philadelphia, Pa. A.B. College of William and Mary 1946.
- STREET, KATHRYN ROBERTA.....*Graduate Student in History*
(Semester II)
New Castle, Pa. A.B. Oberlin College 1946; M.A. Bryn Mawr College 1947.
- STRONG, FREDERICK CARL III.....*Graduate Student in Chemistry*
Allentown, Pa. A.B. Swarthmore College 1939; M.S. Lehigh University 1941.
- TAKISHITA, MARJORIE HISAKO.....*Graduate Student in Social*
Economy and Social Research
Paia, Maui, Hawaii. A.B. University of Hawaii 1943; M.S.S. Bryn Mawr College 1948.
- THOMAS, CATHERINE ANNE....*Graduate Student in Social Economy*
and Social Research (Semester I)
Ukiah, Calif. A.B. Stanford University 1945; M.S.S. Bryn Mawr College 1948.
- VIPOND, MARY PHYLLIS.....*Graduate Student in Chemistry*
New York, N. Y. A.B. Barnard College 1946; M.A. Bryn Mawr College 1948.
- WARDROPPER, BRUCE WEAR.....*Graduate Student in Spanish*
(Semester I)
Yeadon, Pa. B.A. University of Cambridge 1939 and M.A. 1940.
- WHITE, SYLVIA ANNE.....*Graduate Student in English and*
History (Semester II)
Los Angeles, Calif. A.B. Pomona College 1944; M.A. Claremont College 1948.
- WOOD, REBECCA COOPER.....*Graduate Student in Classical*
Archæology
Moorestown, N. J. A.B. Bryn Mawr College 1945.

³⁷ Mrs. Dominic Sciamanda.³⁸ Mrs. M. A. Shaaber.³⁹ Mrs. Arthur Colby Sprague.⁴⁰ Mrs. Edward L. Stanley.

Summary of Graduate Students

Resident Fellows	11
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BULLETIN

OF THE

Carola Woerishoffer

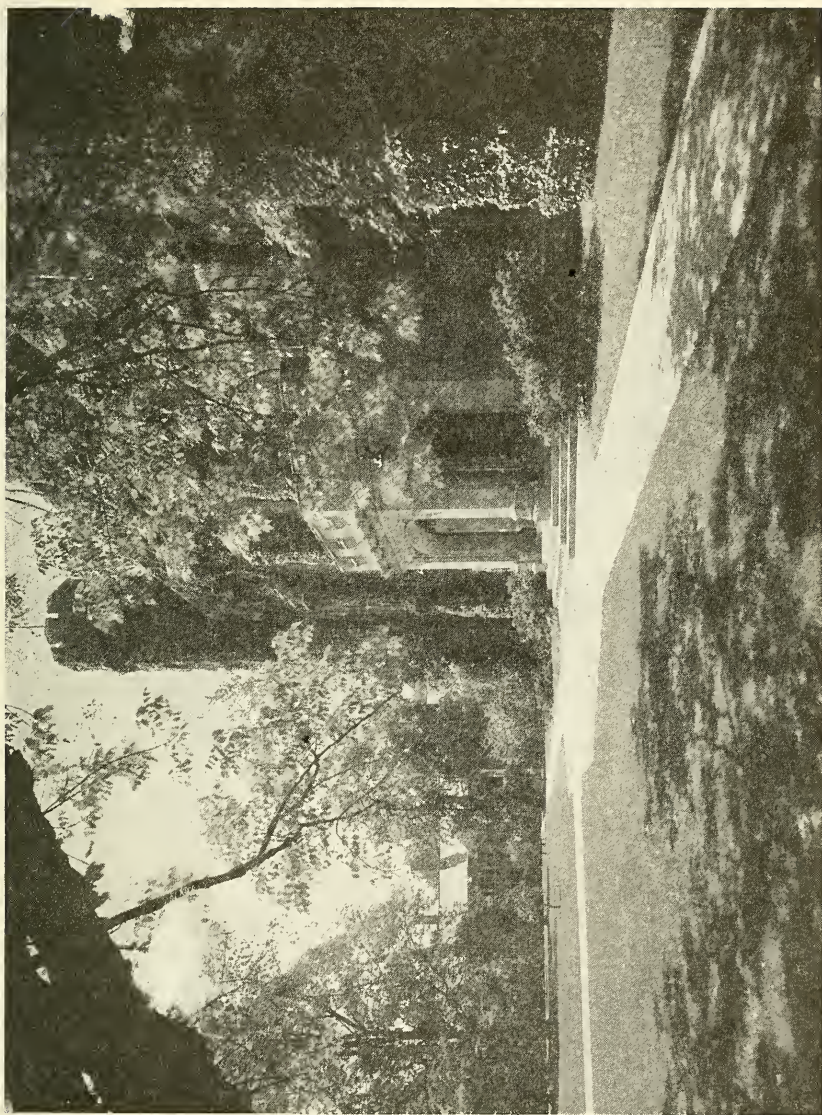
**Department of Social Economy
and Social Research**

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BRYN MAWR COLLEGE

BRYN MAWR, PENNSYLVANIA





M. Carey Thomas Library and center of the *Carola Woerishoffer* Department
of Social Economy and Social Research

FOREWORD

Bryn Mawr College was founded by Dr. Joseph Taylor of Burlington, New Jersey. During his lifetime the site of the College at Bryn Mawr, Pennsylvania, twelve 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 maintenance of this institution of higher education for women. In 1880 the College was incorporated under the laws of the Commonwealth of Pennsylvania and was invested with the power to confer degrees. In 1883 the Trustees issued a circular of information. In 1884 Dr. James E. Rhoads was elected President of the College and Dr. M. Carey Thomas was elected Dean of the Faculty. Plans were then matured and academic appointments were made. In the autumn of 1885 the College began its first academic year. On the resignation of President Rhoads in 1893 Dean Thomas was elected to the presidency, an office she held till her retirement in 1922. President Marion Edwards Park succeeded President Thomas in 1922 and retired in 1942. President Katharine Elizabeth McBride took office on July 1, 1942.

Bryn Mawr College is situated in one of the suburbs of Philadelphia in beautiful surroundings, with quiet and space for leisure and sports, and convenient access to music, theater, museums and the varied cultural interests of cosmopolitan urban life. The college libraries, lectures and concerts are open to all graduate students.

CALENDAR

1948

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1949

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COLLEGE CALENDAR

1948-1949

1948

FIRST SEMESTER

- September 23. Halls of Residence open to the entering class at 8 A. M.
Registration of Freshmen
Advanced standing examinations begin
Deferred, condition and auditors' examinations begin
25. Graduate Center open to new graduate students at 9 A. M.
Registration of new graduate students
Deferred, condition and auditors' examinations end
26. Halls of residence open to all students at 8 P. M.
27. Registration of students
28. Work of the 64th academic year begins at 8.45 A. M.
- October 9. German examinations for undergraduates, M.A. and Ph.D. candidates
14. Advanced standing examinations end
16. French examinations for undergraduates, M.A. and Ph.D. candidates
23. Spanish, Russian, and Italian examinations for undergraduates and M.A. candidates
30. Hygiene examination
- November 24. Thanksgiving Day holiday begins after last class
29. Thanksgiving Day holiday ends at 9 A. M.
- December 17. Christmas vacation begins at 12.45 P. M.

1949

- January 3. Christmas vacation ends at 9 A. M.
8. German examinations for Seniors conditioned, M.A. and Ph.D. candidates
14. Last day of lectures
15. French examinations for Seniors conditioned, M.A., and Ph.D. candidates
17. Collegiate examinations begin
22. Spanish, Russian, and Italian examinations for undergraduates and M.A. candidates
29. Collegiate examinations end

SECOND SEMESTER

- February 1. Work of the second semester begins at 9 A. M.
- March 25. Spring vacation begins after last class
- April 4. Spring vacation ends at 9 A. M.
Deferred examinations begin
9. Deferred examinations end
23. French examinations for Ph.D. candidates and for M.A. candidates for 1950
30. Spanish, Russian, and Italian examinations for undergraduates
- May 7. German examinations for Ph.D. candidates and for M.A. candidates for 1950
13. Last day of lectures
16. Collegiate examinations begin
27. Collegiate examinations end
29. Baccalaureate service
31. Conferring of degrees and close of 64th academic year

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COLLEGE ADMINISTRATION

ACADEMIC YEAR 1948-49

President: KATHARINE ELIZABETH McBRIDE, Ph.D., LL.D., L.H.D.

Office: Taylor Hall.

Dean of the College: DOROTHY NICOLE NEPPER, Ph.D.

Office: Taylor Hall.

Dean of the Graduate School: LILY ROSS TAYLOR, Ph.D., Litt.D.

Office: The Library.

Director of Halls and Head Warden:

CHARLOTTE BRANDON HOWE, M.A.

Office: Rockefeller Hall.

College Physician: ELIZABETH HUMESTON, M.D.

Office: The Infirmary.

Librarian: JANET MARGARET AGNEW, B.L.S., M.A.

Secretary of the Carola Woerishoffer Graduate Department:

LUCY SHAW TURNER

Office: The Library.

FACULTY
CAROLA WOERISHOFFER DEPARTMENT
OF
SOCIAL ECONOMY AND SOCIAL RESEARCH
1948-49

FLORENCE PETERSON, M.A., *Professor of Social Economy and
Director of the Department*

HERTHA KRAUS, Ph.D., *Associate Professor of Social Economy*

FREDERICA DE LAGUNA, Ph.D., *Assistant Professor of Anthropology*

CHARLES R. PEAVY, M.A., *Instructor in Sociology*

MARY MARGARET ZENDER, M.A., M.S.S., *Lecturer in Social Case
Work*

MURIEL JANET GAYFORD, M.S.P.A., *Lecturer in Medical Social Work*

KATHERINE LOWER, Ph.D., *Lecturer in Social Research*

LEON J. SAUL, M.D., *Special Lecturer in Psychiatric Information*

MARY H. EASBY, M.D., *Special Lecturer in Medical Information*

M. ROYDEN C. ASTLEY, M.D., *Special Lecturer in Psychiatric Infor-
mation*

INSTRUCTIONAL STAFF IN RELATED DEPARTMENTS

ROGER HEWES WELLS, Ph.D., *Professor of Political Science*

MILDRED BENEDICT NORTHROP, Ph.D., *Associate Professor of Eco-
nomics*

MARGUERITE LEHR, Ph.D., *Associate Professor of Mathematics*

EVELYN GENTRY CALDWELL, Ph.D., *Associate Professor of Psychology*

RACHEL DUNAWAY COX, Ph.D., *Assistant Professor of Education and
Psychology*

**CAROLA WOERISHOFFER DEPARTMENT
OF
SOCIAL ECONOMY AND SOCIAL RESEARCH**

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 should 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 aided.

From its inception the curriculum of the Department has been guided by the principles of maintaining a close interrelationship between the applied and the theoretical; of preparation for social service founded upon a broad knowledge of the social sciences and the development of social research techniques as a basis for social policy and practice.

In pursuance of these broad objectives, the Department has maintained several types of programs leading toward different degrees. The programs for the M.A. and Ph.D. are for students who are primarily interested in theory and intensive research in a chosen special area. The curriculum of studies includes sociological and social theory, labor relations, industrial organization, and research in industrial and social conditions.

The Department also offers an integrated program of study and field-work practice for students who wish to prepare themselves for professional work in public and private social services. The Department is a charter member of the American Association of Schools of Social Work. For a number of years the Department granted professional Certificates to students who had completed the required graduate courses for social work. In response to the growing recognition of social work as a profession, the degree of Master of Social Service was substituted for the Certificate in 1947.

The program for the professional degree of M.S.S. is designed to equip the graduate to assume the responsibilities of dealing with

individuals and groups, and to provide a basic knowledge of social institutions and social welfare programs as dynamic responses to human needs in a changing society. The curriculum is planned to give an understanding of the fundamental principles underlying all branches of the profession as well as to develop the skills of social work practice in the fields of social casework, medical social work, community organization, social administration, and social research.

ADMISSION

The Graduate Department of Social Economy is open to qualified graduates in liberal arts courses of colleges or universities of recognized standing. Application for admission, to be made to the Secretary of the Department, should be accompanied by a copy of the student's full academic record and by letters from the Dean and from two or more professors of the applicant's undergraduate college. The Department may, at its discretion, require students whose preparation is insufficient to pursue certain introductory courses before being enrolled in a graduate course. Admission to the Graduate School does not automatically qualify a student to become a candidate for an advanced degree. Students whose courses of study meet the prerequisites may on application to the Graduate Committee be enrolled as candidates for the degrees of Master of Arts, Master of Social Service, or Doctor of Philosophy.

Men as well as women are admitted to the Graduate School and are accepted as candidates for the degrees of Master of Arts, Master of Social Service, and Doctor of Philosophy.

Transfer Credit

A maximum of three units of graduate credit from an accredited institution will be accepted for the M.S.S. degree. No transfer credit will be given until after the candidate has completed satisfactorily a semester at Bryn Mawr. All candidates must spend at least one full year at Bryn Mawr.

No transfer credit is accepted for the M.A. degree. For the Ph.D. degree, candidates must be in residence in the Graduate School at Bryn Mawr at least two years (or one year for Bryn Mawr graduates). Part of the work for the Ph.D. may be done at other institutions.

Graduate Record Examination. The Bryn Mawr Graduate School recognizes as contributory evidence of the qualifications of a student for admission a record of attainment in the Graduate Record Examination as prepared and administered by the Carnegie Foundation for the Advancement of Teaching. This examination is a convenient method by which a student may supplement transcript records. Applicants for admission to the Graduate School who wish to take the examination should apply directly to the Graduate Record Examination, 437 West 59th Street, New York 19, N. Y., where full information may be secured and arrangements for taking the test may be made. There is a fee of \$3.00.

RESIDENCE AND EXPENSES

On entrance to the College every graduate student must register immediately at the office of the Dean of the Graduate School. (For registration of courses, see pages 24ff.)

Holders of resident fellowships and scholarships are expected to live in the Graduate Hall of Residence. Other graduate students may live there if a room is available. Students not in residence are expected to make arrangements satisfactory to the College. With a few exceptions, every student in the Graduate Hall has a separate room. The rooms are fully furnished except for rugs, curtains, and towels, which the student is expected to provide. There are also three small apartments with cooking facilities close to the Graduate Hall. Students who live in these apartments and do not take their meals in the Hall will be given an adjustment in their residence fees.

Application for a room should be made as early as possible. A room-contract, which will be sent on request, must be signed and returned with the registration fee of ten dollars to the Dean of the Graduate School. The amount of this fee will be deducted from the residence fee. The fee will not be refunded under any circumstances. A student in residence or a new student who cancels her reservation after September first prevents some other student from obtaining accommodation and consequently admission to the College. Therefore unless a student sends notice of withdrawal in writing to the Dean of the Graduate School before September first, she is responsible for that portion of the residence charge which the College loses by reason of her withdrawal, whether she fails to occupy the room at all or vacates it during the year. Appropriate reduction or remission is made for that portion of the residence fee which represents reduced expense to the College for food; a further remission or reduction is made if the College is able to reassign the student's room to some other student not previously in residence. The student herself is not entitled to dispose of the room she leaves vacant. In case of absence from the College extending over six weeks or more, owing to illness, there will be a proportionate reduction in the charge for the cost of food.

The charge for residence (room and board) for graduate students is \$750 a year payable \$450 in the first semester and \$300 in the second semester.

The residence halls are closed during the Christmas vacation but accommodations in the neighborhood can usually be secured by graduate students who wish to continue their work. During the spring vacation one of the residence halls is open and students may occupy rooms at a fixed rate. Any student remaining in Bryn Mawr or nearby and not in the College or in her own home for all or part of a vacation must make arrangements satisfactory to the Dean of the Graduate School.

The College reserves the right to exclude at any time 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; fellowships and scholarships will be cancelled.

The College reserves the right, if parents cannot be reached, to make decisions concerning emergency operations or other matters of health in regard to the students.

The tuition fee for graduate students is \$400 a year, payable one half on registration and the other half at the beginning of the second semester. For students registered for less than full-time work the fees are as follows:

For one graduate course or seminary, or one unit of independent work	\$150
For one undergraduate course	175

(Candidates for the degree of Master of Arts or Master of Social Service are charged \$150 for an undergraduate course which is taken in partial fulfilment of the requirements for that degree.)

All students taking courses which require field work in the Department of Social Economy and Social Research are charged a laboratory fee of \$10 a semester for each course taken. This fee covers a part of the expenses of field supervision. In addition, students are required to meet their travelling and incidental expenses while working in the field during the academic year and vacations.

The graduation fee for Doctors of Philosophy, Masters of Arts and Masters of Social Service is \$20.

The Office of the Recorder will supply on request one transcript of the record of each graduate student free of charge. For additional transcripts a charge of \$1.00 each will be made.

Tuition fee (not counting laboratory fees)	\$400
Residence	750
Total	<u>\$1150</u>

Students whose fees are not paid before November first in the first semester and before March first in the second will not be permitted to continue in residence or to attend their classes. No reduction of the tuition fee will be made on account of absence or dismissal or for any other reason.

GRADUATE CLUB

All resident students in the Graduate School are members of the Graduate Club and non-resident students may become members. The organization of the life of the graduate students in all matters not purely academic or affecting hall management is in the hands of the club. The President of the Graduate Club is a member of the College Council, a non-legislative body which meets periodically to discuss matters concerning the College as a whole. The Council of the Graduate Club considers policies relating particularly to the Graduate School.

HEALTH

Every entering resident graduate student is required to file at the office of the Dean of the Graduate School, on a blank to be secured from the Dean of the Graduate School, a report of a recent medical examination, filled out and signed by a physician.

Every graduate student, non-resident and resident, must file a physician's certificate stating that she has been vaccinated against smallpox during the year before entrance to the Graduate School and that she exhibited a typical or immune reaction to this vaccination. Students who do not certify to vaccination will be vaccinated by the College Physician and charged a fee of five dollars. There is no exception to this rule.

Every resident graduate student must file a certificate stating that her eyes have been examined by an oculist within six months before entrance to the Graduate School. Failure to comply with the above rule entails an examination by one of the college consultants for which the student will be charged as a private patient by the ophthalmologist who makes the examination.

Every resident graduate student has a chest X-ray at the beginning of each year. These X-rays are made with paper plates, and a fee of about two dollars is charged for each. If necessary the paper plate is checked with stereoscopic celluloid films, the fee for which is twenty dollars. Any graduate student who has had a chest X-ray within six months preceding the opening of any year will be excused from this procedure, provided a complete report has been filed with the College before September fifteenth of the year in question.

Every resident graduate student is examined each year by the Physician of the College, with reference to physical development, strength of heart and lungs, and general health. Any graduate student who at the time of the examination or at any time during the year is not in good health is placed on the health supervision list.

The College Physician is in her office in the college infirmary daily and may be consulted by the students without charge. Specialists practising in Bryn Mawr and Philadelphia serve as

consulting physicians to the College. The fees of the consulting physicians and surgeons and other specialists recommended by the College will be furnished on request. The infirmary is open when college is in session and during the spring vacation. It is closed during the Christmas vacation.

Non-resident graduate students may, if they so desire, pay a non-resident infirmary fee of five dollars which entitles them to a medical examination by the College Physician and to dispensary care. Non-resident students may also take the opportunity to have a paper plate chest X-ray at a fee of about two dollars when the annual college X-ray survey is made in the autumn.

THE LIBRARY

The Library of Bryn Mawr College contains 203,000 volumes and over 11,000 pamphlets. Seven hundred periodicals and serial publications in English, French, German, Italian, Spanish, and Swedish are currently received. The basic collection is contained in the M. Carey Thomas Library. The seminary and reading rooms of the Social Economy Department contain a wide assortment of books and periodicals relating to the social sciences.

The privilege of drawing books from any of these collections (with the exception of those books that are on reserve) is granted to all registered students. There is free access to the stacks. The library is open daily, except Sunday, from 8 A. M. to 10 P. M. and on Sunday from 9 A. M. to 10 P. M.

In addition to the Bryn Mawr library facilities, the Union Library Catalogue in the Fine Arts Building of the University of Pennsylvania makes possible the easy location of books to be found in any of the more than one hundred and fifty cooperating libraries in the Philadelphia metropolitan area. This catalogue contains a record of about 3,500,000 titles. The Philadelphia Bibliographical Center and Union Library Catalogue endeavors to assist research workers in bibliographical problems which fall outside the scope of any individual library.

DEGREES

For qualified students of the Graduate Department of Social Economy Bryn Mawr College offers three degrees—Master of Social Service, Master of Arts, and Doctor of Philosophy.

MASTER OF SOCIAL SERVICE

The program leading to the degree of Master of Social Service includes four semesters and a ten-week summer session between the first and second years. The program is designed to prepare students for work in the various social services and offers three major areas of concentration—social casework, community organization and social research. The degree represents the completion of a coordinated program of courses and field-work, with different arrangements in accordance with the student's choice of major field of concentration.

Prerequisites. The prerequisite for the M.S.S. degree is an A.B. degree or its equivalent from an American college of recognized standing¹, or a degree or certificate of the same standard from a foreign university. An undergraduate major in one of the social sciences is usually required although in exceptional cases this requirement is waived. There are no language requirements for the M.S.S. degree.

Program of Work. In general, all beginning students follow a basic program during the first year, with some opportunity for differentiation during the second semester. In their second year programs will differ more widely, according to areas of concentration.

All candidates for the M.S.S. degree spend the first semester of their first year in class work. During the second semester, two days a week are devoted to courses and three days to field practice in casework. During the first year summer session, students majoring in casework spend four days each week in field practice

¹In general, this term is interpreted to mean colleges of the United States and Canada on the approved list of the Association of American Universities. Graduates of other American and Canadian colleges may be admitted to candidacy on probation. At any time after the completion of one semester of graduate work at Bryn Mawr College the Graduate Committee may, on the recommendation of the department, accept the student on probation as a candidate.

and one day in courses. Those carrying other majors spend an equivalent time with an agency or institution which will provide experience related to their major interests. During the second year, students majoring in casework devote two days a week to courses and three days to field practice; others devote their full time to courses of study and research, supplemented by some field observation.

Requirements for Degree. Candidates for the M.S.S. degree must have completed a minimum of six units, including designated field-work, and specified non-credit lectures. Candidates must prepare a Master's paper and pass a Final Examination which will test their ability to place their special fields in the general background of their majors.

MASTER OF ARTS

The degree represents the completion of a co-ordinated program of three graduate units which, for a well prepared candidate, requires a minimum of a full year of graduate study. Work for the degree may be spread over two or three academic years which need not be in succession but must be included in a five-year period. Only courses taken at Bryn Mawr College are credited for the degree.

Prerequisites. The prerequisite for the M.A. degree is an A.B. degree or its equivalent from an American college of recognized standing or a degree or certificate of the same standard from a foreign university. The preparation must include such undergraduate work in the candidate's major subject and allied fields as shall be required by the department.

Language Requirements. A reading knowledge of French and German is in general required of all candidates. Students in Social Economy may substitute statistics or Spanish for one of these languages. Students whose native tongue is either French or German may offer English as a substitute for either French or German, whichever is not the native language. Foreign students whose native language is not French or German may offer English as a substitute for either French or German.

The language requirement is met by passing the general test of reading at sight and with a dictionary which is given by Bryn Mawr College to candidates for the A.B. degree. Examinations in languages and in statistical techniques which may be substituted for

one language will be held each year within three weeks after the opening of college, and candidates must present themselves for examination at this time. For candidates who fail, and for members of the Graduate School who expect to be candidates for the M.A. degree in a later year, a second examination will be held in January. No student may receive the M.A. degree in the following June who has not passed these examinations by the mid-year examination period.

Program of Work. The candidate's program must include *three* units of work: (1) one seminary or graduate course; (2) a second seminary or supervised unit of graduate work; (3) a third seminary or an undergraduate course recommended by the department. It is expected that this program will frequently include study in an allied field. If undergraduate courses are included in this last unit, they must be supplemented by organized individual work.

Requirements for Degree. The candidate shall, in consultation with the department, select a special field and write an M.A. paper which will normally relate to one of the seminaries or units of graduate work in the candidate's program. Every candidate must pass a Final Examination which shall test her ability to place the special field in a general background of her major subject. The Final Examination may not be taken until (1) the language requirements have been met (by January of the year in which the last full unit for the degree is registered); (2) the three units have been reported as satisfactory; (3) the paper in the special field has been accepted.

DOCTOR OF PHILOSOPHY

The course of study for the degree of Doctor of Philosophy offers the student the opportunity to acquire a broad general background in the chosen fields of knowledge and practice in research in these fields. The degree is awarded after the student's general knowledge and ability in research have been tested by examination and by a dissertation.

The candidate for the Ph.D. degree should have ability of high order, intellectual curiosity and critical judgment, independence, a broad general education, fundamental training in the major and allied fields, and the determination needed to carry through an exacting program.

The general requirements for the Ph.D. degree are:

1. An undergraduate preparation in major and allied fields which is satisfactory to the Department and to the Graduate Committee.

2. A course of study requiring a minimum, which will usually be exceeded, of three full years of graduate work in major and allied fields; two of these years, or for holders of the A.B. degree from Bryn Mawr College one, must be spent in the Graduate School of Bryn Mawr College. Candidates are strongly advised to complete at least seven units of graduate work including five graduate courses; there are, however, no formal course requirements for students who have been accepted as candidates for the degree.

3. The acceptance of the student as a candidate by the Director of her work, by the Department, and by the Graduate Committee.

4. A reading knowledge of French and German, tested by a written examination in the translation of French and German texts in the field of the major subject.

5. A satisfactory Preliminary Examination in the candidate's major and allied fields. This examination is intended to test the candidate's general knowledge of the fields rather than familiarity with particular courses.

6. The preparation of a dissertation judged to be a contribution worthy of publication. The dissertation must represent independent investigation in the field covered by the major subject. It must contain new material, results or interpretations.

7. A satisfactory Final Examination in the special field of the major subject in which the dissertation has been written.

8. The publication of the dissertation in whole or in part.

COURSES OF STUDY

All undergraduate and graduate courses of the College are open to properly qualified graduate students. Only courses especially pertinent to Sociology and Social Economy are described in this calendar¹. For the complete program see the Calendar of Undergraduate Courses and the Calendar of Graduate Courses.

Graduate and undergraduate courses at the University of Pennsylvania are also available for graduate students of Bryn Mawr College. By a reciprocal arrangement with the University full-time graduate students of Bryn Mawr College are admitted without tuition charge to courses at the University for which they are qualified.

Every graduate student must register her courses at the Office of the Dean of the Graduate School within two weeks after entering the College. Permission to make any change in registration must be received from the Dean of the Graduate School.

Candidates for the M.A. and the Ph.D. degrees will select those courses which are related to their special fields of interest. In general, candidates for the M.S.S. degree are required to take *History of Social Welfare, Physical and Psychological Development of the Individual* and *Introduction to Social Research* during the first semester of their first year and *Legislation for Social Security, Problems of Physical and Mental Disease* and *Casework I* during the second semester of their first year, and *Social Research* during the first semester of their second year. Further requirements are contingent upon the candidate's field of concentration.

SOCIOLOGY AND ALLIED COURSES

Labor-Management Relations (first semester): Miss Peterson.

Economic and social forces which influence labor and management relations; the process of collective bargaining and its impact upon workers and industry.

Labor Problems (second semester): Miss Peterson.

Wages and standard of living; union-management cooperation and conflict; the government's role in the settlement of labor problems.

¹ Undergraduate courses are indicated by arabic numbers. The letter "a" following the number indicates a half-course given in the first semester; the letter "b" a half-course given in the second semester. An asterisk * indicates a graduate seminary which is offered upon the request of a sufficient number of students. Unless otherwise indicated, graduate seminars continue throughout the year.

**Industrial Organization:* Dr. Northrop.

Organization of the productive system of the United States with particular reference to the theory of monopolistic competition, industrial combinations, the concentration of economic power, government regulation of industry, and the international cartel.

History of Social Welfare (first semester): Dr. Kraus.

Principles and practices of the more important earlier methods of assisting the poor, the physically, mentally and socially handicapped, and of the major community resources developed for the purpose both here and abroad.

Legislation for Social Security (second semester): Dr. Kraus.

Social legislation in the United States, current and pending, with emphasis on the changes in fundamental concepts. Important social legislation in other countries is used as comparative material.

Child Welfare Services (202b): Dr. Kraus.

A survey of child welfare needs and services with special emphasis on the development of recent government programs.

**International Welfare Services:* Dr. Kraus.

The history and principles of international cooperation for social welfare in the fields of war and disaster relief, and international aid to rehabilitation and resettlement. Special attention is given to the strengthening of the social welfare component in various inter-governmental agency programs and the development of long-range policies and standards for human welfare and suitable methods for their international implementation.

Physical and Psychological Development of the Individual (first semester): The Department and Special Lecturers.

Selected knowledge from the fields of medicine, psychology, and psychiatry regarding normal growth and change of the individual as an integrated, functional organism. The emphasis is on the process of adjustment during growth and the building up of mechanisms for meeting physical and social forces in a changing culture.

Problems of Physical and Mental Disease (second semester): The Department and Special Lecturers.

Knowledge from the related fields of medicine and psychiatry regarding specific disease processes as they commonly appear in social work practice. The emphasis is on those diseases which have an important social component, especially the chronic illnesses, and on related or resulting problems of social maladjustment.

Advanced Psychiatric Information (first semester): Dr. Saul.

Ten lectures giving a systematic presentation of the field of psychiatry as it impinges upon the work of the social case worker. No credit, but required of all students majoring in casework.

Social Psychology (first semester): Dr. Caldwell.

Theory and methods of investigation in the field of social psychology.

**Educational Psychology* (201a): Dr. Cox.

The application of principles of psychology to learning situations with stress upon the totality of the individual. The development of physical, mental, emotional, and social behavior; the nature and measurement of intelligence; approaches to the learning experience and difficulties with subject matter; adjustment and guidance of the individual.

Ethnology (205): Dr. de Laguna.

Cultures of contemporary non-literate peoples; cultural dynamics.

Sociological Theory (310): Instructor to be announced.

Factors involved in the sociological interpretation of society and culture; the nature of social interaction, control and change with particular attention to the social problems involved.

PROCESSES AND TECHNIQUES

Social Casework I (second semester): Miss Zender.

The generic processes in casework practice; interaction among client, worker, agency, and community developed through class discussion of the student's own material and material introduced by the instructor. Field work: 300 hours.

Social Casework I (summer): Miss Zender.

Continuation of generic processes in casework practice. Field work: 300 hours.

Social Casework II (one year): Miss Zender.

A study of case material designed to deepen the student's skill in dealing with the various problems which bring clients to the social casework agencies. Field work: 600 hours.

Principles of Medical Social Work (one year): Miss Gayford.

Medical social casework in various medical settings with emphasis upon understanding the social and emotional component in illness and in medical care; administrative problems of medical social work. A series of medical lectures, clinic observation and participation in medical conferences are arranged at various medical schools in Philadelphia. Field work: 600 hours.

**Principles of Group Work*: Dr. Kraus.

Basic principles of group work, its elementary techniques, the inter-relation of group work and casework, and the application of group work principles and skills to other areas of social work.

Community Organization (first semester): Dr. Kraus.

Past and present methods and trends in the organized planning, promotion, and implementation of social welfare programs in different functional fields and in relation to their operation on different levels of government.

Students majoring in Community Organization will be assigned block field work during one summer. (375 hours.)

Social Administration (second semester): Dr. Kraus.

The principles and procedures of administration as applied to public and private social agencies; inter-agency relations. Opportunities for field work and research will be arranged according to the interests and qualifications of the students.

**Public Administration*: Dr. Wells.

The role of public administration in the modern state; administrative organization, public relations of administrative agencies, inter-governmental relations, personnel problems, financial administration and administrative law.

**Personnel Administration In Industry*: Miss Peterson.

Selection and training; work incentives and work conditions; adjustment of employee grievances.

Introduction to Social Research (first semester): Dr. Lower.

Principles, methods and use of social research.

No credit, but required of all candidates for degrees who have not had an equivalent undergraduate course.

Social Research (first semester): Dr. Lower.

The more advanced methods and recent developments in social research as well as application of research methods in the planning and execution of specific projects.

Statistics (203): Dr. Lehr.

Descriptive statistics; distributions; mean values; dispersion; elements of probability, of sampling, and of time series. The necessary mathematics is developed in the course.

**Principles and Administration of School Guidance*: Dr. Cox.

Philosophy and practice of the school counselor, teacher and administrator in dealing with the guidance of children in secondary and elementary schools in matters of educational and vocational, emotional and social adjustment. Effective approaches in dealing with behavioral deviations are explored.

FELLOWSHIPS AND SCHOLARSHIPS

Bryn Mawr College offers fellowships, resident and non-resident scholarships, and a research assistantship to women students in the Department of Social Economy. In addition, scholarships are offered by various agencies in the Philadelphia vicinity to both men and women graduate students preparing for social work.

Applications for resident fellowships and scholarships should be made to the Secretary of the Department of Social Economy and must be filed not later than March first preceding the academic year for which they are desired. Blanks are forwarded to all applicants by the Secretary. Awards are announced each year on April first. Original papers and photographs, sent by applicants in support of their applications, can be returned only if postage is enclosed for that purpose, or specific instructions are given for return by express. Testimonials and letters from professors and instructors are filed for reference.

Susan M. Kingsbury Research Assistantship: A research assistantship of the value of \$1,000 with remission of tuition will be granted to an advanced student, preferably a candidate for the degree of Doctor of Philosophy, who from either training or experience has knowledge of methods and techniques in social investigation. The holder of the Assistantship will give half of her time to the research of the Department, and half of her time to study. She is not permitted to hold any other paid position. She may live on the campus, paying the usual charges for residence.

Carola Woerishoffer Memorial Fellowships: Two Resident Fellowships of the value of \$1,250 each will be awarded on the ground of excellence in scholarship to candidates who have completed at least one year of graduate work at a college of recognized standing. Resident Fellows pay the regular fees for residence and tuition. Holders of Fellowships are not permitted to teach or to hold paid positions.

Carola Woerishoffer Memorial Scholarships: Two Resident Graduate Scholarships of the value of \$650 each will be awarded on the ground of excellence in scholarship to candidates who have obtained their first degrees from a college of recognized standing. Holders of Scholarships are allowed to do a small amount of teaching or other paid work.

The Susan M. Kingsbury Research Grant, value of \$300, is awarded in alternate years on the recommendation of the Director of the Graduate Department of Social Economy to advanced students, preferably candidates for the degree of Doctor of Philosophy.

Scholarships in Social Work: Various agencies and hospitals in Philadelphia and vicinity offer a limited number of scholarships and fellowships ranging from \$500 to \$1100 for first-year and second-year students who are candidates for the Master's degree in Social Service. These agency scholarships and fellowships call for field work placement in the agency giving the grant, and may call for an agreement as to employment for one year following the holding of the grant.

GENERAL COLLEGE SCHOLARSHIPS

In addition to the fellowships and scholarships available only to students in the Graduate Department of Social Economy are some scholarships which are open to all graduate women students of Bryn Mawr College:

Eighteen *Resident Graduate Scholarships*, value \$650 each, are offered annually in open competition to students who are graduates of colleges of good standing. In rare cases applicants for these scholarships may, on the basis of financial need, be given a supplementary grant not to exceed \$200.

Six *Non-Resident Tuition Scholarships*, value \$400 each, are offered annually to graduate students whose homes are in the vicinity of the College.

GRADUATE PRIZE

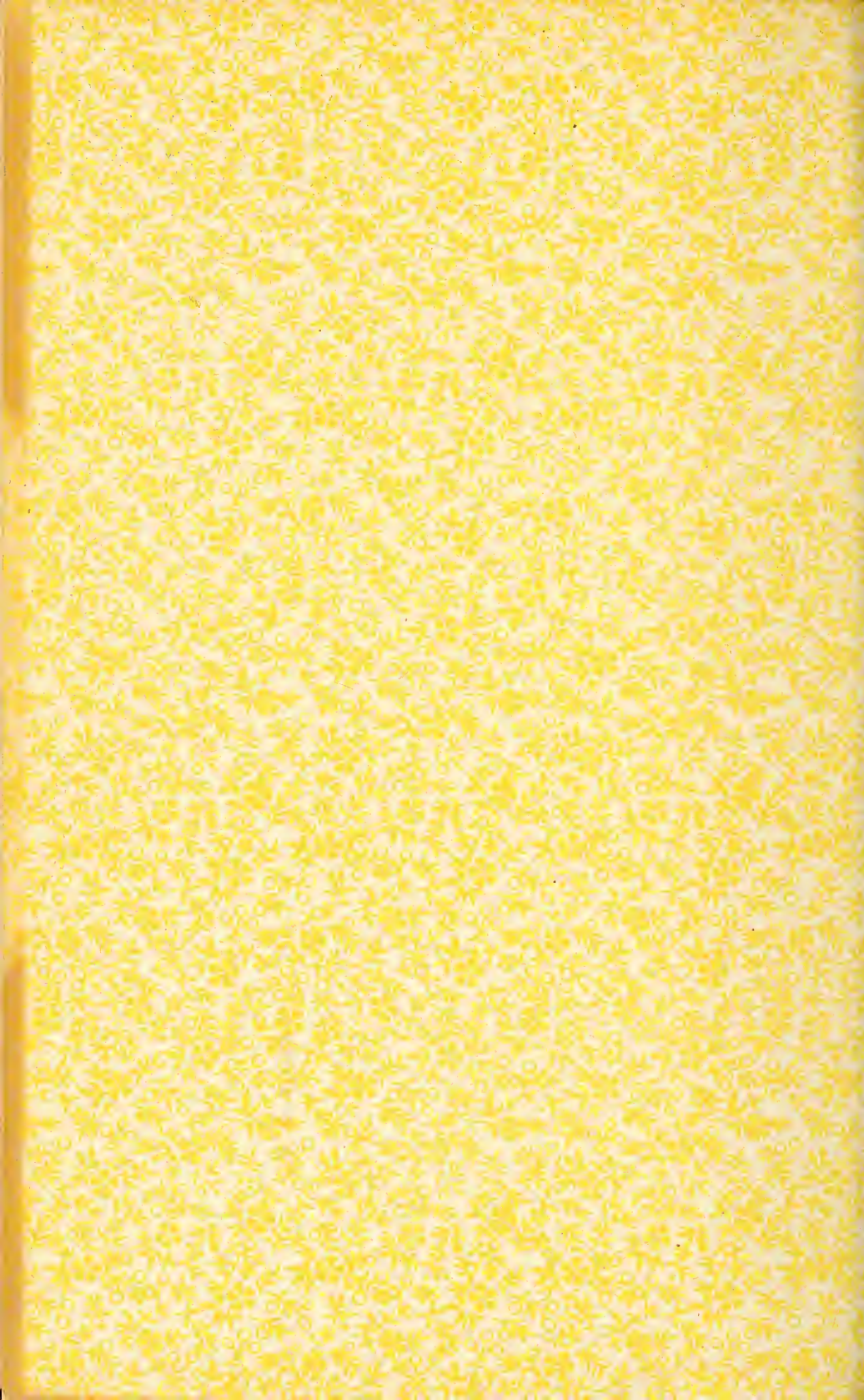
The Susan B. Anthony Memorial Prize, value \$500, commemorating the great work of Susan B. Anthony for women, was founded by her friend, Anna Howard Shaw, and her niece, Lucy E. Anthony. It is offered every two years to a graduate student at Bryn Mawr College who has published or submitted in final form for publication the best study dealing with the industrial, social, economic, or political position of women in the past, present, or future. The award is made by a committee of which the President of the College is chairman.

LOAN FUND

The Bertha Goldstein Memorial Loan Fund, established in honor of Bertha Goldstein, A.B. 1938 and M.A. 1939, is a revolving fund from which, upon recommendation of the Department of Social Economy, a limited number of loans, not exceeding \$150, may be made to graduate students of Social Economy. Loans are made without interest and must be repaid within five years.

FIELD TRAINING CENTERS

Abington Memorial Hospital, Abington, Pa.
American Friends Service Committee, Philadelphia.
American Red Cross, Philadelphia.
Associated Aid Societies of Harrisburg, Pa.
Children's Bureau of Wilmington, Wilmington, Del.
Community Service Association, Lancaster, Pa.
Council of Social Agencies, Pittsburgh, Pa.
County Department of Public Assistance of Dauphin County,
Harrisburg, Pa.
County Department of Public Assistance of Montgomery County,
Norristown, Pa.
County Department of Public Assistance of Philadelphia County.
The Family Society of Philadelphia.
Family Service of Western Delaware County, Media, Pa.
The First Family Day Care Association, Philadelphia.
Friends Neighborhood Guild, Philadelphia.
Health Welfare Council, Philadelphia.
International Institute, Philadelphia.
The Main Line Federation of Churches, Ardmore, Pa.
The Neighborhood League of Wayne, Wayne, Pa.
Norristown State Hospital Social Service Department,
Norristown, Pa.
Philadelphia City Planning Commission.
Philadelphia Housing Association.
Sleighton Farm School for Girls, Darling, Pa.
St. Christopher's Hospital for Children, Philadelphia.
State Board of Public Welfare of North Carolina, Raleigh, N. C.
Tennessee Valley Authority, Knoxville, Tenn.
The Travelers Aid Society of Philadelphia.
Hospital of the University of Pennsylvania, Philadelphia.
The Woman's Hospital, Philadelphia.



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