



1923

Ursinus College Catalogue, 1923-1924

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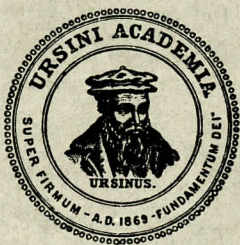
THE URSINUS BULLETIN

Vol. XXII, No. 1

First Quarter, 1924

Ursinus College

1923-1924



COLLEGEVILLE, PENNSYLVANIA

CATALOGUE
OF
URSINUS COLLEGE

1923-1924

"An Institution where the youth of
the land can be liberally educated
under the benign influence of
Christianity."—*The Founders.*

COLLEGEVILLE, PENNSYLVANIA

PUBLISHED BY THE COLLEGE

1924

JANUARY							FEBRUARY							MARCH						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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1925

JANUARY							FEBRUARY							MARCH						
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26	27	28	29	30	31	.	$\frac{23}{30}$ $\frac{24}{31}$	25	26	27	28	29	27	28	29	30

CALENDAR

1924

May 26, Monday,	Second Semester Examinations begin.
May 30, Friday,	Memorial Day, a holiday.
June 6, Friday,	Examinations for Admission.
June 6, Friday,	Class Day Exercises, 2 p. m.
June 6, Friday,	Junior Oratorical Contests, 8 p. m.
June 7, Saturday,	Annual Meeting of the Directors, 10 a. m.
June 7, Saturday,	Alumni Meeting, 1 p. m.
June 7, Saturday,	Alumni Banquet, 5.30 p. m.
June 8, Sunday,	Baccalaureate Sunday.
June 9, Monday,	Commencement, 10 a. m.
June 23, Monday,	Summer Session begins.
Aug. 1, Friday,	Summer Session ends.
Sept. 16, Tuesday,	Examinations for Admission.
Sept. 16, Tuesday,	Registration and Matriculation of Students.
Sept. 17, Wednesday,	Registration and Matriculation of Students.
Sept. 18, Thursday,	Instruction begins, 9 a. m.
Sept. 18, Thursday,	Opening Address, 8 p. m.
Sept. 20, Saturday,	Registration of Saturday Students.
Oct. 16, Thursday,	Examinations for College standing.
Nov. 26, Wednesday,	THANKSGIVING RECESS begins, 4 p. m.
Nov. 29, Saturday,	RECESS ends, 8 a. m.
Dec. 19, Friday,	CHRISTMAS RECESS begins, 4 p. m.

1925

Jan. 6, Tuesday,	RECESS ends, 9 a. m.
Jan. 19, Monday,	First Semester Examinations begin.
Jan. 28, Wednesday,	SECOND SEMESTER begins, 9 a. m.
Feb. 12, Thursday,	Founders' Day.*
Feb. 22, Sunday,	Washington's Birthday.
April 7, Tuesday,	EASTER RECESS begins, 4 p. m.
April 15, Wednesday,	RECESS ends, 9 a. m.
June 5, Friday,	Commencement Exercises begin.
June 8, Monday,	Commencement Exercises end.
June 22, Monday,	Summer Session begins.
July 31, Friday,	Summer Session ends.
Sept. 15, Tuesday,	ACADEMIC YEAR begins.

* Date subject to change.

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HISTORICAL STATEMENT

In the year 1848, a School for the higher education of young men was established at Perkiomen Bridge, twenty-four miles from the State House in Philadelphia, on the main thoroughfare from Philadelphia to Reading, Pennsylvania. In keeping with the convictions, both religious and political, of its founder, the Rev. Abraham Hunsicker, the School was named "Freeland Seminary." Within a period of twenty years, more than four thousand young men from Pennsylvania, New Jersey, Maryland and Delaware received their education at this School.

In 1868, a body of men, actuated by a desire to serve the interests of higher education and evangelical Christian religion, met in the city of Philadelphia and resolved to found "an institution where the youth of the land can be liberally educated under the benign influence of Christianity." Ruled by this desire, they chose as the name of their institution that of one of the most distinguished reformers and scholars of the Reformation period, *Ursinus*, of the University of Heidelberg.

The Act of Incorporation under which Ursinus College is conducted was granted by the Legislature of Pennsylvania, February 5, 1869, and is as follows:

AN ACT

TO INCORPORATE URSINUS COLLEGE

SECTION 1. Be it enacted by the Senate and House of Representatives of the Commonwealth of Pennsylvania in General Assembly met, and it is hereby enacted by the authority of the same, that there shall be and hereby is erected, established and incorporated in Upper Providence Township, in the County of Montgomery, in this Commonwealth, an institution of learning, for the purpose of imparting instruction in Science, Literature, the Liberal Arts and Learned Professions by the name, style and title of URSINUS COLLEGE.

Ursinus College

SECTION 2. Said College shall be under the care and management of a Board of Directors not exceeding twenty-one in number, who, with their successors in office, shall be and are hereby declared to be one body politic and corporate in deed and in law, to be known by the name, style and title of Ursinus College, and by the same shall have perpetual succession, and shall be able to sue and be sued, plead and be impleaded in all courts of law and equity, and shall be capable in law and equity to take, hold and purchase for the use and benefit of said College any estate in any messuages, lands, tenements, goods, chattels, moneys and other effects of any kind whatever, by gift, grant, bargain, sale, conveyance, assurance, will, devise or bequest from any person or persons, body politic or corporate, either municipal or otherwise whatsoever capable of lawfully making the same, and the same from time to time to grant, bargain, sell, convey, mortgage, farm, let, place out at interest, or otherwise dispose of for the use and benefit of said College; *Provided, however,* That no bequest or donation made to and accepted by said Board for specific educational objects shall ever be diverted from the purposes designated in the conditions of such gift and acceptance.

SECTION 3. That the Board of Directors shall have power to establish, from time to time, in said College, such departments of study and instruction as they may deem expedient, and to provide libraries, apparatus, cabinets, endowments and all other needful aids for imparting full and thorough courses of instruction therein. They may appoint a faculty or faculties, professors, lecturers and teachers, prescribe their respective duties, fix their compensation, and remove them, or any of them, as, from time to time, the interests of the College may require; they shall have power to purchase or erect buildings for the accommodation of students, professors and officers, and for other needful purposes; to establish rules and regulations for the government of students and officers, and to do all and singular such other things and matters as may be requisite for the well ordering and proper management of the affairs of said College.

SECTION 4. That the said Board of Directors shall at first consist of the persons herein named, to wit: *James Koons, Sr., J. Knipe, W. D. Gross, H. W. Kratz, A. Kline, H. K. Harnish, Abraham Hunsicker, Sr., J. W. Sunderland, John Wiest, A. W. Myers, H. H. W. Hibshman, A. Van Haagen, J. H. A. Bomberger, J. G. Wiehle, J. Dahlman, Jr., Emanuel Longacre, George Schall, W. L. Graver, William Sorber, Nathan Pennypacker, N. Gehr,* who, or any nine of them, on the passage of this act, or at any time within three months thereafter, may meet and organize by electing a President and Secre-

tary, and accepting this act, the evidence of which shall be the duly authenticated record of such meeting and action.

SECTION 5. That the Board of Directors shall have power to fill all vacancies in their own body, to expel any member thereof who shall be guilty of infamous conduct and to declare vacant the seat of any member who shall have, for three consecutive years, failed to attend the stated meetings of the Board; to appoint, from time to time, such additional officers and agents of their own body as may be deemed requisite, including a Treasurer, who shall always give ample security for the funds entrusted to his keeping; to adopt a common and corporate seal, by and with which all deeds, certificates, appointments and acts of said Board, signed by their President and attested by their Secretary, shall pass and be authenticated, and the same seal at their pleasure to break, alter or renew.

SECTION 6. That the said Board of Directors, at any meeting subsequent to their organization called for the purpose, and of which due notice shall have been given to each member, may adopt and establish a Constitution and By-Laws for the government of their own body, not inconsistent with this act, the laws of the State or the laws of the United States, which Constitution and By-Laws shall not thereafter be altered, amended or repealed except in the manner therein provided.

SECTION 7. That the faculty of any organized department in the College may, with the advice and consent of the Board of Directors, and under such regulations as they may prescribe, confer the degrees, honors, and dignities usually conferred by similar departments in the Colleges and Universities of this Commonwealth.

SECTION 8. That no misnomer of this corporation shall defeat or annul any gift, grant, devise or bequest to or from the said corporation: *Provided*, The intent of the parties shall sufficiently appear upon the part of the gift, grant, will, or other writing whereby such state or interest was intended to pass to or from said corporation.

The corporation was organized at a meeting of the Directors held in the city of Philadelphia, February 10, 1869. A permanent seat for the College was sought near Philadelphia. Attracted by the beauty of the region of Perkiomen Bridge, where Freeland Seminary had flourished for twenty years, and impressed by the reputation of the community for its interest in education, the Board of Directors purchased the property of Freeland Seminary, and incorporated the latter into Ursinus

College as its preparatory department. About this time the United States postal authorities named the post office at Perkiomen Bridge, Collegetown. Instruction was begun September 6, 1870. In 1881 the doors of the College and Academy were opened to women. The Academy was discontinued in 1910.

The Ursinus School of Theology was organized June 1, 1871, and opened for instruction the following September. The School was conducted at Collegetown in connection with the College till 1898, when it was removed to Philadelphia. March 8, 1907, a Compact of Union was ratified by the Board of Directors of Ursinus College, by which the instruction of the Ursinus School of Theology is conducted in the Central Theological Seminary, located at Dayton, Ohio.

Collegetown is on the Schuylkill branch of the William Penn Highway. It is easy of access by the Philadelphia and Reading Railway from Philadelphia, Allentown or Reading. Electric cars connecting Collegetown with Pottstown, Norristown and Philadelphia pass the College campus. The College grounds cover fifty-six acres, including a fine lawn and campus of twelve acres, tennis courts, athletic fields, and several fields for agriculture.

NEEDS

The College constantly employs fully the equipment and resources at its disposal. The steady growth of the institution should encourage its friends to provide for its further needs. The following present exceptional opportunities for gifts and memorials: endowment of scholarships, \$1,000 to \$3,000 each; endowment of professorships, \$50,000 and upwards; general endowment funds, \$500 and upwards; dormitories for men, single units, \$35,000 each; a woman's building, \$150,000 or more; a science building, approximately \$200,000; a gymnasium, approximately \$150,000. The counsel of the President of the College should be sought with a view to securing the most advantageous co-operation on the part of benefactors.

GIFTS AND BEQUESTS

It is the judgment of those who have had the responsibility of disposing of large fortunes that Education furnishes the most promising field for benevolence. The great philanthropic foundations after discriminating scientific inquiry into the ways and means of doing good with accumulated wealth, have made Education their chief objective. The findings of these philanthropic agencies may be accepted for the guidance of others.

The practice of making donations during one's life rather than making bequests to be executed after death is recommended. In this way the donor has absolute assurance that his wishes are being carried out, he has the satisfaction of seeing his gift bearing fruit in the improved work of the institution, and he avoids the deflection of part of his proposed gift in the form of inheritance taxes.

In cases in which the donor needs the income of his estate in order to live, a very satisfactory arrangement is provided in Ursinus College Annuity Bonds which the College issues in exchange for cash or property. Annuity Bonds guarantee a fixed income to the donor payable semi-annually during the period of his natural life, at the end of which the bonds become null and void and the gifts which they represent continue as permanent possessions of the College.

When, however, it is decided to make a bequest care should be taken to have all testamentary papers signed, witnessed and executed in strict accordance with the statutory laws of the State in which the testator resides. In all cases the name of the corporation should be accurately given, as in the following form:

I give, devise and bequeath to URSINUS COLLEGE, located at Collegeville, Montgomery County, Pennsylvania, their successors and assigns forever, the sum of..... dollars, to be safely invested by said corporation, and the interest accruing therefrom to be applied in the maintenance of instruction in said institution.

OFFICERS OF THE CORPORATION

President

HARRY E. PAISLEY
Philadelphia

First Vice-President

Second Vice-President

A. D. FETTEROLF
Collegeville, Pa.

Secretary

CALVIN D. YOST
Collegeville, Pa.

Treasurer

J. TRUMAN EBERT
Collegeville, Pa.

THE DIRECTORS

	First Elected	Term Expires
JAMES M. ANDERS, M.D., LL.D., Philadelphia,	1894	1924
HON. ANDREW R. BRODBECK, LL.D., Hanover,	1905	1925
HON. THOMAS E. BROOKS, Red Lion,	1921	1926
CHARLES C. BURDAN, Lebanon,	1921	1926
J. TRUMAN EBERT, Collegeville,	1907	1927
A. D. FETTEROLF, Collegeville,	1906	1926
REV. I. CALVIN FISHER, D.D., Lebanon,	1905	1926
HERVEY C. GRESH, Norristown,	1901	1926
ABRAHAM H. HENDRICKS, ESQ., B.S., Collegeville,	1914	1924
J. F. HENDRICKS, ESQ., A.M., Doylestown,	1915	1925
REV. GEORGE W. HENSON, D.D., Philadelphia,	1911	1926
ALVIN HUNSICKER, B.S., New York,	1916	1926
REV. JAMES M. S. ISENBERG, D.D., Dayton, Ohio,	1906	1928
WHORTEN A. KLINE, Litt.D., Collegeville,	1912	1927
*EDWARD A. KRUSEN, M.D., Norristown,	1903	1928
MAYNE R. LONGSTRETH, ESQ., A.M., Philadelphia,	1907	1927
REV. J. W. MEMINGER, D.D., Lancaster,	1896	1926
REV. S. L. MESSINGER, S.T.D., D.D., Allentown,	1906	1926
GEORGE L. OMWAKE, Pd.D., LL.D., Collegeville,	1906	1926
HARRY E. PAISLEY, Philadelphia,	1907	1927
ELWOOD S. SNYDER, M.D., Lancaster,	1905	1925
HENRY T. SPANGLER, D.D., Collegeville,	1884	
JOSEPH M. STEELE, Philadelphia,	1913	1924
REV. EDWARD F. WIEST, D.D., Columbiana, Ohio,	1909	1924
REV. CALVIN D. YOST, A.M.; B.D., Collegeville,	1916	1925

*Died September 20, 1923

COMMITTEES OF THE BOARD OF DIRECTORS

Executive Committee

A. D. FETTEROLF	C. D. YOST
H. E. PAISLEY	G. L. OMWAKE
H. T. SPANGLER	J. T. EBERT
A. H. HENDRICKS	

Committee on Finance

G. L. OMWAKE	H. E. PAISLEY
J. M. S. ISENBERG	J. T. EBERT

Committee on Buildings and Grounds

A. H. HENDRICKS	H. C. GRESH
A. D. FETTEROLF	J. T. EBERT
W. A. KLINE	G. L. OMWAKE

Committee on Government and Instruction

H. T. SPANGLER	C. D. YOST
A. D. FETTEROLF	W. A. KLINE
G. L. OMWAKE	

THE ADVISORY COUNCIL

CYRUS H. K. CURTIS, LL.D., Philadelphia

ALBA B. JOHNSON, LL.D., Philadelphia

EDGAR FAHS SMITH, LL.D.

OFFICERS OF ADMINISTRATION

GEORGE L. OMWAKE, Pd.D., LL.D., *President*

REV. WHORTEN A. KLINE, A.M., B.D., LITT.D., *Dean*

REV. CALVIN D. YOST, A.M., B.D., *Librarian*

JOHN B. PRICE, A.M., M.D., *College Physician*

PAUL A. MERTZ, A.M., *Assistant to the President*

SARA E. ERMOLD, *Assistant Treasurer and Office Secretary*

MRS. EMMA G. E. WEBB, *Superintendent, Domestic Department*

CLARENCE E. MCCORMICK, B.S., *Farm Manager*

MRS. E. N. ERMOLD, *Principal of Olevian Hall and Superintendent of
Dormitories*

CLARA E. WALDRON, MUS. B., *Principal of Shreiner Hall*

MRS. C. V. TOWER, *Principal of Trinity Cottage*

MADELEINE D. ROE, *Principal of The Maples*

DOROTHY A. MENTZER, A.B., *Principal of Glenwood*

HELEN A. GALE, *Secretary to the President*

MIRIAM B. KUTZ, *Secretary to the Dean*

JAMES E. RUE, *Bookkeeper*

THE FACULTY

GEORGE LESLIE OMWAKE, Pd.D., LL.D.,

President, and Professor of the History and Philosophy of Education.

A.B., Ursinus College, 1898, and A.M., 1901; B.D., Yale University, 1901; Pd.D., Franklin and Marshall College, 1910; LL.D., 1923; LL.D., Lafayette College, 1923; Student in Theology, Philosophy and Education, Yale University, 1898-1901; Ursinus College, 1901; Dean, 1903-09; Vice-President, 1909-12; President, 1912. Member of the Society of College Teachers of Education.

REV. WHORTEN A. KLINE, A.M., B.D., Litt.D.,

Dean, and Professor of the Latin Language and Literature.

A.B., Ursinus College, 1893; A.M., and B.D., 1896; Litt.D., 1913; Licensed, 1896; Graduate Student in Latin, University of Pennsylvania, 1897-1901, Ursinus College, 1893; Dean, 1909; Member of the Classical Association of the Middle States and Maryland. Member of the Philadelphia Botanical Club.

REV. JAMES I. GOOD, A.M., D.D., LL.D.,

Professor of the History of the Christian Church.

A.B., Lafayette College, 1872, and A.M., 1875; D.D., Ursinus College, 1887, and LL.D., 1911; Student, Union Theological Seminary, 1872-75; Licensed, 1875; Pastor, 1875-1905; Professor of Systematic and Pastoral Theology and Reformed Church History, 1890-1907; Dean, School of Theology, 1892-1907; Ursinus College, 1907.

HOMER SMITH, Ph.D.,

Professor of the English Language and Literature.

A.B., Amherst College, 1891; Graduate Student, University of Pennsylvania, 1892-95; Ph.D. University of Pennsylvania, 1895; Instructor in English, University of Pennsylvania, 1892-98; Professor of English, Kamehameha School, Honolulu, 1899-1901; Acting Professor of English, Amherst College, 1901-03; Ursinus College, 1903. Member of the Modern Language Association.

MATTHEW BEARDWOOD, A.M., M.D., Sc.D.,

Professor of Chemistry.

A.B., Philadelphia Central High School, 1890, and A.M., 1895; M.D., Medico-Chirurgical College, 1894; Sc.D., Ursinus College, 1916; Special Student of Chemistry, University of Pennsylvania, 1890-91; Instructor in Chemistry, Medico-Chirurgical College, 1896-99; Lecturer on Clinical Chemistry, 1899-1900; Adjunct Professor of Chemistry, 1900-14; Professor of General Chemistry and Toxicology, 1914-16; Ursinus College, 1903; Member of the American Chemical Society. Member of the Franklin Institute.

JOHN WENTWORTH CLAWSON, A.M., Sc.D.,*Professor of Mathematics.*

A.B., University of New Brunswick, 1901; A.B., Cambridge University, 1904; A.M., University of New Brunswick, 1905; Sc.D., Ursinus College, 1920; Lecturer in Astronomy, University of New Brunswick, 1904-05; Assistant in Physics, Ohio State University, 1905-06; Ursinus College, 1907. Member, American Mathematical Society.

CARL VERNON TOWER, Ph.D.,*Professor of Philosophy.*

A.B., Brown University, 1893; and A.M., 1895; Fellow, Sage School of Philosophy, Cornell University, 1896-97; Ph.D., Cornell University, 1898; Instructor in Philosophy, University of Michigan, 1898-1900; Assistant to the President, Clark University, 1900-01; Professor of Philosophy, Knox College, 1901-02; University of Vermont, 1902-09; Assistant Professor of Philosophy, University of Michigan, 1909-10; Acting Professor of Philosophy, Trinity College, 1912-13; Ursinus College, 1913. Member, American Philosophical Association.

WILLIAM WILSON BADEN, Ph.D.,*Professor of Greek and Spanish.*

Ph.D., Johns Hopkins University, 1892; Research Student, Berlin, Rome and Athens, 1896-98; Professor, University of Idaho, 1899-1907; Ursinus College, 1914.

RAYMOND BURTON MUNSON, A.M.,*Professor of History and Political Science.*

Ph.B., Yale University, 1909; and A.M., 1911; Graduate Student, Yale University 1909-13; Instructor in History and Political Science, Pennsylvania State College, 1913-16; Ursinus College, 1916. Member, American Historical Association.

EZRA ALLEN, Ph.D., Sc.D.,*Professor of Biology.*

A.B., Bucknell University, 1895; A.M., 1896; Fellow, Clark University, 1900-01; University of Chicago, 1905; Ph.D., University of Pennsylvania, 1914; Sc. D., Bucknell University, 1922; Professor of Biology, Montana State Normal School, 1903-06; School of Pedagogy, Philadelphia, 1907-18; Educational Adviser to First Army and Lecturer on Biology, A. E. F. University, Beaune, France, 1918-19; Ursinus College, 1919. Member, American Association of Anatomists; American Society of Zoologists. Fellow, Association for the Advancement of Science.

WILLIAM WELLS JORDAN, A.M., D.D.,*Professor of the English Bible.*

A.B., Marietta College, 1879; A.M., 1891; and D.D., 1899; B.D., Yale University, 1882; Pastor, Congregational Church, Clinton, Mass., 1893-1921; Ursinus College, 1921.

HARRY BRETZ, A.M.,

Professor of the French Language and Literature.

A.B., William Jewell College, 1906; A.B., University of Chicago, 1908; Graduate Student, 1909-11, Fellow, 1911-12, Fellow and Graduate Student, University of Chicago, 1915-16; A.M., 1917; Certificat d'études françaises, l'Alliance Française, Paris, 1913; Student, Sorbonne, 1912-14; Diplôme, Sorbonne, 1914; Assistant Professor of Romance Languages, Butler College, 1917-21; Instructor in Romance Languages, Princeton University, 1921-22; Instructor in Romance Languages, Cornell University, 1922-23; Ursinus College, 1923. Member Modern Language Association of America.

REV. CALVIN DANIEL YOST, A.M., B.D.,

Librarian, and Assistant Professor of German.

A.B., Ursinus College, 1891; A.M., 1895, and B.D., 1907; Student, Ursinus School of Theology, 1891-93; Yale University, 1893-94; Principal, High School, Mahanoy City, Pa., 1896-1901; Pastor, 1894-96, 1901-07; General Secretary, Reformed Evangelical and Educational Union, 1907-10; Ursinus College, 1910.

PAUL ALLEN MERTZ, A.M.,

Assistant to the President, and Assistant Professor of Education.

A.B., Ursinus College, 1910; A.M., Columbia University, 1913; Graduate student, Columbia University, 1910-13; Instructor, Groszmann School for Nervous and Backward Children, Plainfield, N. J., 1910-11; Instructor, High Schools, Plainfield, N. J., Trenton, N. J., and Philadelphia, 1911-18; First Lieutenant, U. S. Army, Psychological Examiner, 1918-19; Graduate Student, University of Pennsylvania, 1920-24; Ursinus College, 1919. Member, Society of College Teachers of Education.

JAMES LANE BOSWELL, A.M.,

Assistant Professor of Economics and Business Administration.

A.B., Georgetown College, 1920; A.M., University of Pennsylvania, 1923; Student, University of Toulouse, 1919; Graduate Student, University of Pennsylvania, 1923-24; Principal, Peaks Mill High School, Frankford, Ky., 1920-21; Instructor, Preparatory Department, Temple University, 1921-22; Germantown High School, Philadelphia, 1922-23; Ursinus College, 1923.

MARTIN WEAVER WITMER, A.B.,

Instructor in English Composition and Rhetoric.

A.B., Franklin and Marshall College, 1904; Graduate Student in English, University of Pennsylvania, 1913-14, 1919-24; Instructor in English, Latin and Greek, Union Seminary, New Berlin, Pa., 1904-05; Principal of Union Seminary, 1905-07; Instructor in English, Franklin and Marshall Academy, Lancaster, Pa., 1907-20; Ursinus College, 1920.

WILLIAM RALPH GAWTHROP, A.B.,

Instructor in Chemistry and Physics.

A.B., Swarthmore College, 1918; Graduate Student, University of Pennsylvania, 1922-24; Research Laboratories, E. I. DuPont de Nemours Company, 1917-21; Instructor, Wilmington Friends' School, 1921; Ursinus College, 1921. Member of the American Chemical Society.

CLARA E. WALDRON, Mus. B.,

Instructor in Piano, Harmony and Counterpoint.

Mus.B., Chicago Musical College, 1923; Student under Harry R. Detwiler at Kidd-Key Conservatory of Music, Sherman, Texas, 1903-06, at Bush Conservatory of Music, Chicago, 1906-07, and in Chicago, 1909-10; Effa Ellis Perfield School, Chicago, 1916; Percy Grainger, summer, 1920; Instructor in Piano, Galloway College, Searcy, Ark.; College of Industrial Arts, Denton, Texas; Baylor College, Belton, Texas; Ursinus College, 1917.

DOROTHY ADELE MENTZER, A.B.,

Instructor in Piano and Theory.

A.B., Ursinus College, 1921; Special scholarship in Music, 1917-21; Student, Chicago Musical College, summer, 1923; Teacher's Certificate from the same, 1923; Ursinus College, 1921.

JEANETTE DOUGLAS HARTENSTINE,

Instructor in Voice Culture and Choral Singing.

Student under W. A. Weiser, five years; Battle Creek College, one year; Metropolitan College of Music, New York, one year; E. Presson Miller, New York, six years; German Operatic Roles under Siegfried Behrens; English, Italian and French Opera under Emil Knell and Jose Van den Berg; at present, Student in Voice under Zerffi; Private Teacher and Director of choirs and oratorios, ten years; Soloist in Concerts and English Grand Opera; Ursinus College, 1923.

MADELEINE D. ROE,

Director of Physical Training and Instructor in Public Speaking for Young Women.

Graduate, New Haven Normal School of Gymnastics, 1918; Instructor in Gymnasium, Y. W. C. A., Utica, N. Y., 1918-19; Director of Gymnasium, Dancing and Swimming, Woman's Club, Rome, N. Y., 1919-21; Ursinus College, 1921.

HAROLD I. ZIMMERMAN,

Director of Athletics and Instructor in Physical Training for Men.

Graduate, Chatauqua School of Physical Education; Instructor and Coach, Millersville State Normal School, two years; Instructor in Physical Training, Haverford College, one year; Assistant Physical Director, Camp Lee, U. S. Army, one year; Instructor in Physical Training and Coach of Athletic Teams, Norristown Schools, seven years; Ursinus College, 1923.

ADMISSION

The first step in seeking admission to Ursinus College is the filing of a formal application together with a preliminary statement of qualifications by the applicant. Application blanks may be had by addressing the College. The College then secures from the school in which the applicant has been prepared a certificate embodying the school record of the candidate. All certificates of preparation should be sent by the school principal directly to the Dean of the College, by whom they are evaluated. Inquiry is made further into the character and fitness of the candidate, to do the work of this institution, and if found qualified the applicant is notified and a place reserved for him in the College. The process of formal admission and matriculation is supplemented by actual trial of all candidates during the first semester by which their status as students is finally determined.

Students from high schools, academies and normal schools approved by the faculty, or from other colleges, and candidates who have passed the examinations of the College Entrance Examination Board of the Middle States and Maryland, are admitted on certificate. A candidate whose certificate does not cover the amount of work required in a subject may be admitted to college as a regular student with conditions as provided in the statement given on page 22.

Applicants who desire admission by examination in any subject, will present themselves for such examination at the Dean's Office in Bomberger Hall, on Friday and Saturday of Commencement week, June 6 and 7, or on Wednesday, September 17, 1924, at the opening of the collegiate year.

Every candidate admitted to College will be examined in English composition on a day appointed soon after the opening of the term. A candidate whose preparation is found to be defective in spelling, punctuation or other essentials of good

usage will be obliged to take special work in the subject at his own expense, and his failure will be reported to the school in which he was prepared.

TERMS OF ADMISSION

The unit used in determining the value of a study presented in satisfaction of the requirements for admission represents, in general, *a year's study in the subject in a secondary school, constituting approximately a quarter of a full year's work*. The time element involved in the evaluation of college preparatory work should be given due consideration by teachers and pupils in secondary schools.

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS

Applicants for admission intending to present themselves as candidates for the degree of Bachelor of Arts at graduation must present 14.5 units from the following list. The studies printed in capitals are prescribed:

ENGLISH	3	units
LATIN	3	units
OTHER FOREIGN LANGUAGE.....	2	units
HISTORY	1	unit
ALGEBRA	1.5	units
PLANE GEOMETRY	1	unit
Additional Latin	1	unit
History, Ancient	1	unit
History, English	1	unit
History, American	1	unit
Advanced Algebra .....	.5	unit
Solid Geometry .....	.5	unit
Plane Trigonometry .....	.5	unit
Physical Geography .....	.5	unit
Zoölogy .....	.5	unit
Botany .....	.5	unit
Physiology .....	.5	unit
Physics	1	unit
Chemistry	1	unit

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE

Applicants for admission intending to present themselves as candidates for the degree of Bachelor of Science at graduation must present 14.5 units from the following list. The studies printed in capitals are prescribed:

ENGLISH	3	units
FOREIGN LANGUAGE	3	units
HISTORY	1	unit
ALGEBRA	1.5	units
PLANE GEOMETRY	1	unit
PHYSICS OR CHEMISTRY	1	unit
ADDITIONAL SCIENCE OR MATHEMATICS.....	1	unit
History, Ancient	1	unit
History, English	1	unit
History, American	1	unit
Advanced Algebra .....	.5	unit
Solid Geometry .....	.5	unit
Plane Trigonometry .....	.5	unit
Physical Geography .....	.5	unit
Zoölogy .....	.5	unit
Botany .....	.5	unit
Physiology .....	.5	unit
Mechanical Drawing	1	unit

A candidate offering less than 14.5 units may be admitted with conditions to the extent of 2.5 units, but not more than one of these may be in any one subject.

Applicants for admission may be received as *Special Students* provided they present 10 units of preparatory work. These units must be so distributed as to constitute the usual preparation for the college courses which the applicant desires to pursue.

When admitted, special students are enrolled as members of the groups they may choose to enter and are under the direction of the regular advisers. Special students must register for at least twelve hours of work in each semester, and are held account-

able for the satisfactory completion of courses for which they register. They are subject to the same regulations as other students.

ADMISSION STUDIES

The studies which may be presented in satisfaction of the requirements for admission are set forth below. A candidate must present, either by examination or by certificate, satisfactory evidence of preparation in such of these studies as he may offer in accordance with the requirements in each as defined:

ENGLISH

The Uniform Entrance Requirements in English include preparation based upon two lists of books,—one of books for reading and one of books for special study. In connection with the reading and study of prescribed books, the candidate should read other books and commit to memory a considerable amount of good English poetry. The reading should be done with a view to the development of literary appreciation, accuracy of expression and elegance of style.

(A) READING.—The candidate will be required to write a paragraph or two on each of several topics chosen by him from the list drawn from the books named below. This part of the examination is designed, primarily, to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the books prescribed. He should read the books as he reads other books not aiming to know them minutely, but to gain a knowledge of their most important parts. In every case knowledge of the book will be regarded as less important than the ability to write good English.

Every applicant will be examined in English Composition. No candidate will be accepted whose work is seriously defective in spelling, punctuation, grammar, or division into paragraphs.

From each group two selections are to be made, except that for any book in Group V a book from any other may be substituted. For the lists of readings recommended for the years 1926-1928, consult Document 111 of the College Entrance Examination Board.

LIST FOR 1924-25

GROUP I.—Dickens: *A Tale of Two Cities*; George Eliot: *Silas Marner*; Scott: *Quentin Durward*; Stevenson: *Treasure Island* or *Kidnapped*; Hawthorne: *The House of the Seven Gables*.

GROUP II.—Shakespeare: *Merchant of Venice*, *Julius Caesar*, *King Henry V*, *As You Like It*.

GROUP III.—Scott: *The Lady of the Lake*; Coleridge: *The Ancient Mariner*; and Arnold: *Sohrab and Rustum*. A collection of representative verse, narrative and lyric. Tennyson: *Idylls of the King* (any four). *The Æneid* or the *Odyssey* in a translation of recognized excellence, with the omission, if desired, of Books I-V, XV, and XVI of the *Odyssey*.

GROUP IV.—*The Old Testament* (the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther); Irving: *The Sketch Book* (about 175 pages); Addison and Steele: *The Sir Roger de Coverley Papers*; Macaulay: *Lord Clive*; Parkman: *The Oregon Trail*; Franklin: *Autobiography*.

GROUP V.—A modern novel; a collection of short stories (about 150 pages); a collection of contemporary verse (about 150 pages); a collection of prose writings on matters of current interest (about 150 pages); two modern plays. All selections from this group should be works of recognized excellence.

(B) STUDY.—In addition an examination will be required upon the subject matter, literary form and logical structure of each of the works named below. A careful and critical study of the works will be necessary to prepare the candidate for the examination. The student may be required to answer questions on the leading facts of the literary periods to which the works belong and on the essentials of grammatical structure. The books provided for study are arranged in four groups, from each of which one selection is to be made. For the list of books for the years 1926-1928, consult Document 111 of the College Entrance Examination Board.

LIST FOR 1924-1925

GROUP I.—Shakespeare: *Macbeth*, *Hamlet*.

GROUP II.—Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippedes*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "De Gustibus—," *Instans Tyrannus*, *One Word More*.

GROUP III.—Macaulay: *Life of Johnson*; Carlyle: *Essay on Burns*, with a brief selection from Burns' Poems; Arnold: *Wordsworth*, with a brief selection from Wordsworth's Poems.

GROUP IV.—Burke: *Speech on Conciliation with America*; a collection of orations, to include at least *Washington's Farewell Address*, *Webster's First Bunker Hill Oration*, and *Lincoln's Gettysburg Address*.

LATIN

The Latin reading required for admission of candidates for the degree of Bachelor of Arts, without regard to the prescription of particular authors and works, is not less *in amount* than Cæsar: Gallic War, I-IV; Cicero: the orations against Catiline, for the Manilian Law, and for Archias. Whenever possible Vergil's *Æneid*, I-VI, should be included in the student's preparation.

The amount of reading specified above should be selected by the schools from the following authors and works: Cæsar: Gallic War and Civil War; and Nepos: Lives; Cicero: orations, letters, and *De Senectute*; and Sallust: *Catiline and Jugurthine War*; Vergil: *Bucolics*, *Georgics*, and *Æneid*; and Ovid: *Metamorphoses*, *Fasti*, and *Tristia*. *Three or four units.*

GREEK

The candidate must show a mastery of the common forms, idioms and syntax of the language, and must know the rules of accent and their changes. He will be required to translate simple English sentences into Attic Prose, and translate, at sight, passages of ordinary difficulty taken from Xenophon. The following books will meet the requirement: White: *First Greek Book*, or an equivalent; Xenophon: *Anabasis*, books I-IV. *Two units.*

FRENCH

Elementary French. The candidate should be able to pronounce French accurately and possess a thorough knowledge of the rudiments of grammar, including the inflection of the more common irregular verbs and the elementary rules of syntax. He should be able to read at sight easy dialogue and modern French prose, and is required to put into French simple English sentences; to give abstracts of the portions of the texts already read; and to write French from dictation. He should have read from one hundred to one hundred and seventy-five pages of graduated French texts and from two hundred and fifty

to four hundred pages of easy modern prose in the form of stories, plays, or historical or biographical sketches. To meet this requirement two years' work will generally be necessary. *Two units.*

Intermediate French. This should comprise the reading of four hundred to six hundred pages of French of ordinary difficulty, including at least two works of a dramatic character, the constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read, the study of a grammar of moderate difficulty, and the writing from dictation. At least one additional year of study will be necessary to meet this requirement. *One unit.*

SPANISH

Elementary Spanish. The work should comprise constant drill in pronunciation, the rudiments of grammar, including the conjugation of the regular and more commonly used irregular verbs, the inflection of nouns, adjectives, and pronouns, and the general rules of syntax. There should be daily practice in translating at dictation Spanish into English and English into Spanish. Some 300 pages from representative modern authors should be carefully read. *Two units.*

Intermediate Spanish. This should comprise the reading of three hundred pages of modern Spanish of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving Spanish paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation. *One unit.*

GERMAN

Elementary German. The candidate must possess an accurate knowledge of the rudiments of grammar. He should give special attention to the acquisition of a good pronunciation and to the memorizing and frequent repetition of easy colloquial sentences, and cultivate readiness in the reproduction of natural forms of expression. He is expected to have read from seventy-five to one hundred pages of graduated texts from a reader, and from one hundred and fifty to two hundred pages of literature in the form of easy stories and plays. He must be able to read, at sight, easy dialogue or narrative prose; to put into German short English sentences taken from the language of everyday life and based upon the text offered for translation; and to reproduce in an offhand way, both orally and in writing, the substance of short and easy selected passages. *Two units.*

Intermediate German. An additional unit representing a third year's work, and comprising the reading of at least three hundred pages of moderately difficult prose and poetry, may be offered. Continued attention should be given to the grammar, including the less usual strong verbs and the syntax. Suitable reading for the third year may be found in such texts as Wildenbruch: *Das edle Blut*; Eichendorf: *Aus dem Leben eines Taugenichts*; Riehl: *Das Spielmannskind, Der stumme Ratsherr*; Freytag: *Die Journalisten*; Moser: *Der Bibliothekar*; Schiller: *Das Lied von der Glocke, Balladen*; Goethe: *Hermann und Dorothea*. *One unit.*

HISTORY

The candidate's preparation in any of the following fields of History must include the general outlines of study as stated below. Geographical knowledge of the countries involved is extremely important. The examination will include:

Ancient History, as contained in West's *Ancient World*, or Myers's *Ancient History* (Revised Edition), in connection with Seignobos's *Ancient Civilization*. The applicant will be expected to be prepared to write on a topic selected from one of the following supplementary readings: Botsford's *Athenian Constitution*, Coulanges's *Ancient City*, and Ward-Fowler's *City-State of the Greeks and Romans*. *One unit.*

English History as treated in Andrews's or Larned's *History of England*, or Walker's *Essentials of English History*. The applicant will be expected to know the chief factors of Anglo-Saxon civilization which influenced American institutions. *One unit.*

American History, as contained in McLaughlin's *The American Nation*, Adams and Trent's *History of the United States*, or Ashley's *American History*. The applicant must show thorough acquaintance with the main facts of the political, social and economic development of the United States as a nation. Civil government may be offered as part of this requirement. *One unit.*

MATHEMATICS

Arithmetic, with the metric system of weights and measures, as much as is contained in Wentworth's *Advanced Arithmetic*. Elementary Algebra, including Variation and the Binomial Theorem, as in Wells's *Essentials of Algebra*, or its equivalent. Plane Geometry, complete as in Phillips and Fisher's *Plane Geometry*, or its equivalent. *Two and one-half units.*

Solid Geometry, as contained in Phillips and Fisher's Geometry of Space, or its equivalent. *One-half unit.*

Algebra continued, to include The Progressions, Choice and Chance, Partial and Continued Fractions, Graphical Representation, Complex Numbers and Logarithms, as contained in Hawkes's Advanced Algebra, or its equivalent. *One-half unit.*

Plane Trigonometry, as in Ashton and Marsh's Plane and Spherical Trigonometry, Chapters I-IV and VI, or its equivalent. *One-half unit.*

SCIENCE

Physical Geography. The equivalent of Gilbert and Brigham's Physical Geography. *One-half unit.*

Zoölogy. Textwork equal in amount to that contained in Davenport's Introduction to Zoölogy; laboratory work, the study of at least ten common types of animal life. *One-half unit.*

Botany. Textwork equal in amount to that contained in Coulter's Plant Relations, or its equivalent. Laboratory work on the structure and life history of at least ten plants, and the ability to identify ordinary seed plants. *One-half unit.*

Physiology. Textwork equal in amount to that contained in Huxley's Physiology. *One-half unit.*

Physics. Textwork equal to that contained in Carhart and Chute's First Principles of Physics. At least forty laboratory experiments. *One unit.*

Chemistry. Textwork equal in amount to that contained in Remsen's Introduction to Chemistry. At least forty laboratory experiments. *One unit.*

ADMISSION TO ADVANCED STANDING

A student may be admitted to advanced standing at the beginning of any semester, not later than the first semester of the Fourth year; either

1. BY EXAMINATION, in all the studies required for admission and in the studies which have been pursued by the class he may wish to enter, provided the candidate attains a grade not lower than B in such examination; or

2. FROM A PENNSYLVANIA STATE NORMAL SCHOOL, provided the work preparatory to admission to the Normal School conforms in each case to the requirements for admission to Ursinus College, and the candidate shall have been graduated from the regular two-year course of the Normal School. Such candidates will receive sufficient credit to enable them to complete the requirements for graduation from Ursinus College in three years.

3. FROM ANOTHER COLLEGE, provisionally, to the standing which he held in the college he last attended, upon written evidence of his standing and of the work done. This must be accompanied in every case by a letter of honorable dismissal.

GOVERNMENT

A student whose application for admission to college has been approved by the Faculty, becomes a member of the institution by matriculating at the Dean's office. Students who have not fully matriculated, but have been admitted to classes provisionally, pending the determination of their standing, are not permitted to represent the college in any public performance or in any intercollegiate contest.

REGISTRATION

All students must register at the opening of the college year for the work of the whole year, and will not be allowed to change their registration or drop courses of study, later than one week after Registration Day except by special permission of the Faculty. A fee of One Dollar is charged for registration on days other than those appointed for the registration of students in the college calendar.

ABSENCES

Students are expected to pursue their work without interruption or absence from any academic exercises whatever. On account of exigencies such as sickness, the death of a relative, or duty away from college as a representative of the institution, a student is allowed as many absences in any course as twice the number of exercises per week in that course. A student who is absent beyond this limit will be dropped from the course unless permitted to continue by the Dean and the professor in charge in which case he must make up the work omitted and take an Extended Examination for which a fee of Five Dollars is charged. Absences are counted from the first class exercises in any subject, and at the beginning or end of a semester and immediately preceding and following a recess they count double. No excuses for absence are granted.

A student who absents himself from a test previously announced must take a special test for which he must pay a

fee of One Dollar on securing the permit for the same at the Dean's Office.

ADVISERS

At the beginning of the year the Faculty appoints from its own number Advisers for the students in each of the seven Groups in which the courses of instruction are offered. The students of each Group are amenable to the Adviser of the Group in all matters of conduct, study and discipline. His approval is necessary before a student may register for or enter upon any course of study, or discontinue any work. He is the medium of communication between the Faculty and the students of his Group, and in a general way stands to his students in the relation of friendly counsellor.

PUBLIC WORSHIP

Students are required to attend religious services in the college chapel each day of recitations, and are expected to attend services on Sunday morning in some adjacent church of their own or their parents' choice. Attendance is also required at all special public exercises appointed by the Faculty.

A student may not be absent from chapel services and other public exercises appointed by the Faculty more than eight times in a semester without having been excused. For each absence in excess of this number he will be given five demerits.

COLLEGE PRINCIPLES

The College is committed both in principle and by tradition to a policy which opposes unnatural distinctions among its students. Secret or exclusive organizations are not permitted. Equal opportunity for all is provided and a wholesome spirit of fraternity throughout the entire body is encouraged. A system of student government for young men, with powers inhering in the several groups and classes and in a central representative

body known as the Council, encourages self-control and practice in civil affairs. The life of the young women also is regulated through a system of self-government approved by the Faculty and administered by the women students of the College. Since the institution is organized on the group basis, class rivalry and its attendant evils are extraneous. *Each student pledges himself on admission to abstain from every form of rushing or hazing.* The aim of the institution is to train its students, through the performance of their social and civil obligations and duties, in those virtues which will fit them for the extraordinary responsibilities of educated men and women in after life. With this in view, the College reserves the right to exclude at any time students whose conduct or academic standing renders them undesirable members of the college community, and in such cases the fees due or which may have been paid in advance to the College will not be refunded in whole or in part.

DOMESTIC LIFE

The College aims to provide thoroughly healthful, wholesome and homelike conditions in the residences for both young men and young women. The boarding department is made an educational asset in the institution. All resident students take their meals in a large, cheery dining room constructed on artistic and thoroughly sanitary lines. The meals are prepared in a spacious, well-lighted, sanitary kitchen with complete modern equipment.

By controlling the conditions under which the students live, the College provides a physical basis for its higher functions that insures not only health of body and joy of life, but greatly promotes mental efficiency and success in intellectual pursuits.

COURSES OF INSTRUCTION

In designating courses of study, *odd* numerals are employed to represent the work of the first semester, and *even* numerals the work of the second semester. When a single numeral is employed the work represented constitutes a semester course. When two numerals are employed the work represented constitutes a year course. When the numerals are connected with a hyphen the course may be entered only at the opening of the year. When the numerals are separated with a comma, the course may not be discontinued, but may be entered at mid-year for the work of the second semester.

The credit value of each course, expressed in semester hours, is printed in italics. The hours per week are given in the definition of the course.

BIOLOGY

PROFESSOR ALLEN

1-2. SANITATION AND HYGIENE. The problems of personal and public health and their solution. Lectures, papers and discussions. One hour per week. *Two semester hours.*

Course 1-2 is elective for First year students in all the groups.

3-4. GENERAL BOTANY. Introduction to plant physiology and to the evolution of the plant body. Two hours lectures and two hours laboratory work. *Six semester hours.*

5-6. GENERAL ZOÖLOGY. Introduction to the leading problems of zoölogy in its various fields, and its application to society. Two hours lectures and four hours laboratory work. *Eight semester hours.*

7-8. VERTEBRATE ANATOMY. The comparative anatomy and relationships of the chordates. Prerequisite, Course 5-6. One hour lecture and six hours laboratory work. *Eight semester hours.*

9-10. HISTOLOGY AND EMBRYOLOGY. A course in the preparation and study of tissues and in the embryology of the chick. Prerequisite, Course 5-6. One hour lecture and six hours laboratory work. *Eight semester hours.*

Courses 7-8 and 9-10 are given in alternate years. Course 9-10 will be given in 1924-25.

11-12. HEREDITY. Designed to familiarize the student with the recent work in heredity and its social applications. Open to

students who have had no biological training. Lectures, papers and discussions. Two hours per week. *Four semester hours.*

Course 11-12 is given in alternate years. Offered in 1924-25.

14. NEUROLOGY. The gross and microscopic structure of the human nervous system. Prerequisites, Courses 7-8 and 9-10. Six hours laboratory work, directed readings and thesis. *Two semester hours.*

NOTE.—A working knowledge of the leading biological contributions to present-day thought is presented in Courses 5-6 and 11-12. Students of the Chemical-Biological Group taking their major work in biology must complete not less than thirty hours of work in the department. In most cases, this requirement will be met by taking courses 1-2, 3-4, 5-6, 7-8 or 9-10, and 11-12. Such students will also be expected to take Chemistry 1-2 and 7-8, Physics 1-2 and Geology 1-2. Prospective medical students taking the full college course should take Courses 1-2, 5-6, 7-8, and 9-10.

CHEMISTRY

PROFESSOR BEARDWOOD, MR. GAWTHROP

1-2. GENERAL CHEMISTRY. The facts, theories and laws of general chemistry presented in lectures with oral and written recitations kept strictly parallel with the laboratory work. Each student performs over two hundred experiments in general chemistry after which he learns the methods of qualitative analysis and is required to separate and identify elements in all the groups. He preserves a record of all laboratory work in a note book properly paged and indexed. Two hours lectures and four hours laboratory work. Holmes: General Chemistry. *Eight semester hours.*

3-4. QUALITATIVE ANALYSIS. The physico-chemical basis of analytical chemistry; analysis of metals and non metals; practice in analysis of minerals, alloys and commercial products. Prerequisite, Courses 1, 2. Noyes: Qualitative Chemical Analysis; Crosby: Determinative Mineralogy. Two hours lectures and four hours laboratory work. *Eight semester hours.*

3-4a. QUALITATIVE ANALYSIS. Students contemplating graduate work in chemistry may be assigned four hours additional of laboratory work in connection with Course 3-4. *Four semester hours.*

Course 3-4 alternates with Course 5-6. Not offered in 1924-25.

5-6. QUANTITATIVE ANALYSIS. A study of the most acceptable methods of gravimetric and volumetric analysis. Prerequisite, Course

3-4. Olsen: Quantitative Chemical Analysis. Fresenius: Quantitative Analysis. One hour lecture and four hours laboratory work. *Six semester hours.*

7-8. ORGANIC CHEMISTRY AND CHEMICAL PHYSIOLOGY. (1) The study of the properties, synthesis and structure of the most important classes of the carbon compounds experimentally by the student under the supervision of the instructor. Norris: Organic Chemistry; Von Richter: Organic Chemistry. (2) The study of the chemic composition of the body and the chemic changes it undergoes; the chemistry of foods, the action of the digestive enzymes upon them; the chemistry of the different body fluids. Prerequisite, Course 3-4. Halliburton: Chemical Physiology. Two hours lectures and four hours laboratory work. *Eight semester hours.*

CHURCH HISTORY

PROFESSOR GOOD

2. HISTORY OF THE EARLY CHURCH. The spread of the gospel; Roman persecutions; government and discipline of the Church; Christian life and worship; literature and doctrine. Two hours per week. *Two semester hours.*

4. HISTORY OF THE REFORMATION. The rise and progress of Protestantism; the Reformation in Germany, Switzerland, France and Scotland; development of Christian doctrine. Two hours per week. *Two semester hours.*

Courses 2 and 4 are given in alternate years. Course 2 will be given in 1924-25.

6. HISTORY OF CHRISTIAN MISSIONS. An account of early missionary efforts; lives of great missionaries; organization of missionary societies; survey of the mission fields. Two hours per week. *Two semester hours.*

ECONOMICS

ASSISTANT PROFESSOR BOSWELL

1, 2. INDUSTRIAL GEOGRAPHY. The first half of the year is devoted to a study of the main factors of the physical environment which influence the capacity, activity, occupation, and business relations of peoples. In the second half of the year the principles derived in the first semester are applied to a more complex study of the continents. Two hours per week. *Four semester hours.*

Course 1, 2 is prescribed in the Economics and Business Administration Group and is elective in the other groups.

3-4. PRINCIPLES OF ECONOMICS. An analysis of our economic organization including the study of such topics as the organization of production, value and exchange, mediums of exchange and our banking system, business cycles, international trade and the tariff, the distribution of wealth, monopolies and competition, labor problems, and such current problems as the coal and railway situation. Three hours per week. *Six semester hours.*

Course 3-4 is prescribed in the Economics and Business Administration Group and in the Historical-Political Group, and is elective in the other groups.

5. INDUSTRIAL FINANCE. A study of the financial aspects of business management including such topics as the problems to be considered in launching an enterprise, methods of organizing, methods of financing, form of ownership, handling of sinking and depreciation funds, interpreting financial statements, extending credit, and distributing earnings. Prerequisite, Course 3-4. Three hours per week. *Three semester hours.*

6. LABOR PROBLEMS AND PERSONNEL ADMINISTRATION. A study of human relations arising from industrial organization and the employers' part in bringing about industrial peace. Prerequisite, Course 3-4. Three hours per week. *Three semester hours.*

7. MARKETING. A survey of the marketing mechanism and a comparative study of the most usual methods and practices. Special attention is given to such problems as the elimination of the middleman, market analysis, sales quotas, the incidence of advertising, and co-operative marketing. Prerequisite, Course 3-4. Three hours per week. *Three semester hours.*

8. FOREIGN TRADE. The relation of foreign trade to national prosperity; the foreign trade policies of the more important countries; export marketing machinery; the methods of export merchandising followed by several of our large corporations; documentation; credit extension. Prerequisite, Courses 3-4 and 7. Three hours per week. *Three semester hours.*

Courses 7 and 8 alternate with Courses 5 and 6 and will not be given in 1924-25.

MATHEMATICS OF FINANCE. See Mathematics, Course 15-16.

EDUCATION

ASSISTANT PROFESSOR MERTZ

1. INTRODUCTION TO EDUCATION. A survey of the field of education. The approach to the study of education through the underlying sciences. Analytical and constructive attempt to define education.

Differentiation of the several fields of study. A preliminary course recommended for all students of education. Three hours per week. *Three semester hours.*

Course 1 is given also in the second semester.

2. HISTORY OF EARLY EDUCATION. The development of educational ideas, institutions and practices from earliest times to the beginning of the eighteenth century, providing a liberal outlook on civilization. Two hours per week. *Two semester hours.*

4. HISTORY OF MODERN EDUCATION. The educational reformers; the origin and growth of national systems; the scientific movement of the nineteenth century—its effect on subject matter and method; present tendencies. Two hours per week. *Two semester hours.*

Courses 2 and 4 are given in alternate years. Course 2 will be given in 1924-25.

5. PRINCIPLES OF SECONDARY EDUCATION. The secondary school in America and in foreign countries; individual, social and economical (vocational) aims; nature and interests of adolescents; subjects of the curriculum; program making. Three hours per week. *Three semester hours.*

7. METHODS AND MANAGEMENT. General methods of instruction and recitation; organization; administration; duties and responsibilities of school officers; guidance and discipline of pupils; school records. Class exercises are supplemented with school visitation. Three hours per week. *Three semester hours.*

Courses 5 and 7 are given in alternate years. Course 7 will be offered in 1924-25.

8. OBSERVATION AND PRACTICE TEACHING. Observation one hour per week and practice teaching five hours per week under supervision in the local high school. One class hour per week for consideration of lesson plans and criticism. Prerequisite, Course 7. *Three semester hours.*

Course 8 is open to Fourth year students only.

10. THE MEASUREMENT OF INTELLIGENCE. Definition of intelligence; forward and backward minds; causes of retardation, history of the effort to measure intelligence; methods of measurement; mental tests now in use; technique and practice. Prerequisite, Psychology 3. Three hours per week. *Three semester hours.*

COURSES IN EDUCATIONAL PSYCHOLOGY. See Psychology, Courses 3 and 4.

COURSES IN THE TEACHING OF SPECIAL SUBJECTS. For courses in the teaching of French, German, History, Latin and Music, see under these departments.

REQUIREMENTS FOR STATE CERTIFICATES TO TEACH. In Pennsylvania: Education 1 and 8, and six semester hours of electives, Psychology 4, and at least two years' work in College in each subject to be covered by the certificate. In New Jersey: The work represented in Courses 4, 5, 7 above, Psychology 4 and Biology 1-2.

ENGLISH

PROFESSOR SMITH, MR. WITMER

COMPOSITION

1, 2. RHETORIC AND ENGLISH COMPOSITION. Lectures on the theory of Rhetoric, recitations based on a prescribed textbook, and frequent written exercises. One hour per week. *Two semester hours.*

Course 1, 2 is prescribed in all the groups.

3, 4. ENGLISH COMPOSITION. Frequent themes and individual conferences, with recitations based on a prescribed textbook. This course is designed to supplement Course 1, 2 in the elements of Composition and Rhetoric. One hour per week. *Two semester hours.*

Course 3, 4 is prescribed for all students that fall below a given grade in Course 1, 2.

5, 6. ADVANCED ENGLISH COMPOSITION. Frequent themes, consisting of essays, editorials, short stories and argumentative articles. The aim of the course is to develop skill in technique, soundness of thought and individuality of style. One hour per week. *Two semester hours.*

Course 5, 6 is prescribed in the English-Historical Group for students who do not take Course 3, 4, and is elective in all other groups.

8. THE ORATION. Studies in the theory and style of the oration. Famous American orations are read critically. Each student must write at least two original orations. Denney, American Public Addresses. Three hours per week. *Three semester hours.*

Course 8 is elective for Third year and Fourth year students in all the groups.

9, 10. ESSAYS AND DISSERTATIONS. Six themes, argumentative or expository, requiring careful study of authorities. One hour a week throughout the year. *Two semester hours.*

Course 9, 10 is elective in all the groups.

LITERATURE

1, 2. HISTORY OF ENGLISH LITERATURE. Detailed study of great writers. Lectures on the historical development of literary species. Century Readings in English Literature. Two hours per week. *Four semester hours.*

Course 1, 2 is prescribed in all the groups.

3, 4. HISTORY OF ENGLISH LITERATURE. Study of masterpieces and discussions in class. Lectures on Literary Criticism. Gummere: Handbook of Poetics. Two hours per week. *Four semester hours.*

Course 3, 4 is a continuation of course 1, 2. It is prescribed in the second year in the English-Historical Group.

5. THE ENGLISH DRAMA. An investigation of the origin and early development of the English Drama culminating in Marlowe and Shakespeare. Three hours per week. *Three semester hours.*

6. MODERN ESSAYISTS. The essay form discussed with special attention to its modern development. The authors chiefly studied are Lamb, Macaulay and Stevenson. Three hours per week. *Three semester hours.*

7. MODERN POETRY. Lectures and critical readings to illustrate the main tendencies of modern poetry. The poets chiefly studied are Tennyson, Browning and Matthew Arnold. Three hours per week. *Three semester hours.*

8. EIGHTEENTH CENTURY ESSAYISTS. The aim of this course is to trace the early development of the essay form, and to interpret the history of the period by its literature. Three hours per week. *Three semester hours.*

Courses 7 and 8 alternate with courses 5 and 6. Courses 7 and 8 are offered in 1924-25.

9-10. ELEMENTS OF LITERARY CRITICISM. The essential elements of literature, its chief forms, and the different methods and principles of criticism discussed. There will be constant illustration and application of these principles throughout the course. Winchester: Principles of Literary Criticism. Two hours per week. *Four semester hours.*

11-12. ANGLO-SAXON. Smith: Old English Grammar; Bright: Anglo-Saxon Reader. Two hours per week. *Four semester hours.*

Course 11-12 is prescribed in the English-Historical Group, and is elective in all other groups.

Courses 5, 6, 7, 8 and 9-10 are elective in all the groups.

THE ENGLISH BIBLE

PROFESSOR JORDAN

1, 2. OLD TESTAMENT HISTORY AND THE PROPHETS. (1) A study of the period from the creation to the division of the Kingdom under Rehoboam, with emphasis on the divine purpose running through the history of Israel; facts and problems considered in the light of modern exploration and discovery. (2) An attempt to acquaint the student with the personality and method of each of the prophets;

their times and circumstances; their doctrines; value of their messages for the present age. Two hours per week. *Four semester hours.*

Course 1, 2 is prescribed for First year students in all the groups.

3, 4. THE LIFE OF CHRIST AND THE APOSTOLIC PERIOD. (1) A series of topical studies presenting a sympathetic interpretation of the personality and ministry of Christ, giving special emphasis to the inspirational and permanent value of his gospel. (2) The personality and ministry of the Apostles; an analysis of the epistles, book by book, with a view to acquainting the student with the purpose and message of each. Two hours per week. *Four semester hours.*

Course 3, 4 is prescribed for Third year students in all the groups.

EXPRESSION AND PHYSICAL EDUCATION

MISS ROE

1, 2. TECHNIQUE OF VOICE AND SPEECH. Study of the vocal mechanism and analysis of speech sounds; classwork and individual training; interpretation of various forms of literature and extempore speaking. Two hours per week. *Four semester hours.*

Course 1, 2 is elective for young women of the Third year in all the groups.

3, 4. PRACTICE IN PUBLIC SPEAKING. Analysis and interpretation of classical and modern drama. Course 1 is a prerequisite. Two hours per week. *Four semester hours.*

Course 3, 4 is elective for young women of the Fourth year in all the groups.

5, 6. PHYSICAL EDUCATION. Outdoor sports and indoor gymnasium work arranged to meet the needs of students; folk and aesthetic dancing from November to April in addition to regular gymnastic work. Each student is given a careful examination at the beginning of the college year and at the close of the required work.

Course 5, 6 is prescribed for all young women students, but is not one for which academic credit may be claimed.

FRENCH

PROFESSOR BRETZ

1, 2. ELEMENTARY FRENCH. This course is intended for those who begin French in college. The essential forms and general rules of syntax; drill in pronunciation; practice in speaking and writing French. Lamb: Inductive French Grammar; Guerber: Contes et Légendes; Monvert: La Belle France; Labiche: Le Voyage de M. Ferrichon. Three hours per week. *Six semester hours.*

3, 4. INTERMEDIATE FRENCH. Prose composition and careful drill in the French syntax. Much attention to idioms and synonyms; a study of France as a country; lectures on the history, literature and industrial life of the French people: Contemporary authors are read: Augier, de la Brète, Daudet, Erckmann-Chatrion, or others. Prerequisite, Course 1, 2, or two years of French at entrance. Three hours per week. *Six semester hours.*

5, 6. MODERN FRENCH LITERATURE: Prose, poetry, drama. Sight reading. Theses based on collateral readings. Attention is fixed upon the different manners in which they reflect contemporary life. Two hours per week. *Four semester hours.*

7, 8. ADVANCED PROSE COMPOSITION. The object of this course is to give increased facility in the writing and speaking of the French language, by intensive study of chosen models and translation and paraphrase of English into French. Much free composition is also required. Two hours per week. *Four semester hours.*

9, 10. FRENCH POETRY AND VERSIFICATION. From Villon to the present time. Attention will be given especially to the French lyric from its origin to the present. Oxford book of French Verse. Two hours per week. *Four semester hours.*

11, 12. THE CLASSIC FRENCH DRAMA. Corneille, Racine, Molière. Masterpieces are read and discussed. Students will read for examination and analysis other plays of these and related authors. Two hours per week. *Four semester hours.*

13, 14. TEACHERS' COURSE. The study of grammar, composition, and the phonetics of French pronunciation in view of the methods of teaching; sources of materials and the great movements in French literature. One hour per week. *Two semester hours.*

Course 13, 14 is elective for seniors who have had Course 7, 8, or the equivalent.

GEOLOGY

PROFESSOR ALLEN

1-2. INTRODUCTION TO GEOLOGY. An interpretation of the topography of the Eastern United States with special reference to the rock formations of the Philadelphia district. Lectures, field work, papers and discussions. Two hours per week. *Four semester hours.*

This course is given in alternate years. It will not be offered in 1924-25.

Ursinus College

GERMAN

ASSISTANT PROFESSOR YOST

1, 2. ELEMENTARY GERMAN. Pronunciation, grammar, practice in speaking and writing. Vos: Essentials of German; Briggs: In Amerika; Bierwirth and Herrick: Ährenlese; Heyse: L'Arrabbiata. Three hours per week. *Six semester hours.*

Course 1, 2 is elective for all students who do not offer German for admission.

3, 4. INTERMEDIATE GERMAN. Review of grammar with oral and written exercises. Conversation and written composition. Reading of classical and modern German literature. Thomas: Practical German Grammar; Eichendorff: Aus dem Leben eines Taugenichts; Wildenbruch: Das edle Blut; Schiller: Maria Stuart; reading at sight. Three hours per week. *Six semester hours.*

5, 6. INTERMEDIATE GERMAN. Review of grammar, conversation and written composition. Reading of classical and modern German literature. Thomas: Practical German Grammar; Heyse: Anfang und Ende; Storm: Auf der Universität; Goethe: Hermann und Dorothea; reading at sight. Three hours per week. *Six semester hours.*

Courses 3, 4 and 5, 6 are given in alternate years. Course 5, 6 will be given in 1924-25.

7, 8. ADVANCED GERMAN. History of the German language and literature; reading of works by Lessing, Schiller and Goethe, with a study of the classic period; written themes on assigned topics. Two hours per week. *Four semester hours.*

9, 10. ADVANCED GERMAN. Study of modern German literature with rapid reading of representative works of this period; history of German literature of the Nineteenth Century; German newspapers; written themes. Two hours per week. *Four semester hours.*

Courses 7, 8 and 9, 10 are given in alternate years. Course 9, 10 will be offered in 1924-25.

11, 12. SCIENTIFIC GERMAN. This course is planned to furnish drill in the reading of modern scientific German. It is intended for students pursuing courses in the natural sciences and for pre-medical students. It will be open to students who have had two years, or more, of German. Two hours per week. *Four semester hours.*

13, 14. TEACHERS' COURSE. A drill in phonetics; review of the grammar; study of textbooks and lectures on methods of teaching modern foreign languages. The course will be open only to advanced students. One hour per week. *Two semester hours.*

GREEK

PROFESSOR BADEN

1. BEGINNING GREEK. The elements of the language followed by the reading of simple Attic prose. Three hours per week. *Three semester hours.*

2. THE ANABASIS OR CYROPOEDIA OF XENOPHON. Elementary Greek prose composition; general rules of syntax. Much attention is paid to the Greek element in English as an aid to the proper understanding of scientific terms. Three hours per week. *Three semester hours.*

3. THE BEGINNINGS OF GREEK ORATORY. Andocides: De Mysteriis; Lysias: Selected Orations. Review of the more important social and political questions arising from the revolutions of 411 and 404 B. C. Three hours per week. *Three semester hours.*

4. INTRODUCTION TO GREEK PHILOSOPHY. Plato: Apology and Phaedo. Life and work of Socrates; his views on the immortality of the soul. Three hours per week. *Three semester hours.*

5. GREEK ORATORY IN ITS PERFECTED DEVELOPMENT. Demosthenes: De Corona, or the Philippics. Selections from the other Attic orators, illustrating the artistic development of rhetorical Greek. The policy and ideals of Demosthenes and their bearing on the struggles of Greece against Philip and Alexander. Three hours per week. *Three semester hours.*

6. GREEK EPIC POETRY. Homer. Selected books of the Iliad and Odyssey, presenting a study of the literary epic; special lectures and papers on the Homeric literature and age with particular reference to their influence on later Greek civilization. Three hours per week. *Three semester hours.*

7. GREEK DRAMA. Aeschylus: Prometheus Bound; Sophocles: Oedipus Tyrannus; Euripides: Medea. Rapid reading and analysis of other selected dramas; history of Greek tragic art and its relation to modern drama; the Greek theater, production of plays, actors, costumes, and scenic appliances. Two hours per week. *Two semester hours.*

8. GREEK HISTORY. Herodotus: selections describing the period of the Persian Wars, or Thucydides: selections showing the development of the Peloponnesian War and the part played by Pericles. Two hours per week. *Two semester hours.*

10. NEW TESTAMENT GREEK. Selections from the Gospels and Acts of the Apostles; study of the peculiarities of New Testament language and its relation to classic Greek. One of the Early Church Fathers, Justin Martyr or Athenagoras. Two hours per week. *Two semester hours.*

HISTORY AND POLITICAL SCIENCE

PROFESSOR MUNSON

1, 2. MEDIAEVAL AND MODERN EUROPEAN HISTORY. From the establishment of the empire of Charlemagne to the present time. Special emphasis on the formation and development of the chief states of Europe; political, social and economic phases studied in connection with feudalism, the Renaissance, the Reformation, and commerce and industry. Three hours per week. *Six semester hours.*

Course 1, 2 is prescribed in all the groups and is open to First and Second year students.

3. AMERICAN GOVERNMENT. A critical study of the development and present form of political institutions in the states and nation; special emphasis on the party organizations and recent reforms in the suffrage; the government of the dependencies of the United States. Three hours per week. *Three semester hours.*

Course 3 is prescribed in all of the groups for Third year students.

4. HISTORY OF ENGLAND. Political and constitutional phases. Especial emphasis on the background of American history. The growth of the British Empire and the influence of the English constitution on other governments. Three hours per week. *Three semester hours.*

Course 4 is elective for Third and Fourth year students in all the groups.

7, 8. AMERICAN HISTORY. Colonization of America by the English; the relations between the colonies and England which led to the American Revolution; economic, social and political phases of United States History studied in connection with the constitution, political parties, the tariff, slavery, westward expansion, the growth of modern business and the part the nation is taking in world affairs. Three hours per week. *Six semester hours.*

Course 7, 8 is prescribed in the Historical-Political Group and is elective for Fourth year students in the other groups.

10. LATIN AMERICA AND THE ORIENT. A study of the history and the present economic, social and political conditions of Latin America, China and Japan, followed by a consideration of their relations with the United States. Three hours per week. *Three semester hours.*

Course 10 is given in alternate years. Not offered in 1924-25. It is elective for Third and Fourth year students in all the groups.

12. **TEACHERS' COURSE.** The place of history in the school curriculum; examination of textbooks and works of reference; the interpretation of history, relation to other fields of learning. One hour per week. *One semester hour.*

Course 12 is open to Third and Fourth year students, and is given in alternate years. Not offered in 1924-25.

LATIN

PROFESSOR KLINE

A, B. **VERGIL.** *Æneid*, Books I-VI. Greenough and Kittredge. Three hours per week. *Six semester hours.*

Course A, B is prescribed for students who offer three units of Latin for admission and intend to continue the subject in college. It is a prerequisite for Course 1, 2.

1, 2. **CICERO, LIVY, HORACE.** Cicero: *De Senectute*, with a critical analysis of the essay. Livy: Book XXI, History of the Punic Wars. Horace: the Odes with sight reading. The Horatian meters will be carefully studied, together with the interpretation of the poems. Three hours per week. *Six semester hours.*

Course 1, 2 is prescribed for all candidates for the degree of Bachelor of Arts.

3, 4. **HORACE, CICERO.** Horace: Satires and selected Epistles, with a careful study of style and a discussion of Roman Satire. Cicero: *De Oratore*; its chief literary and rhetorical characteristics together with an examination of Roman Oratory. Horace: *Ars Poetica*; an analysis of the poem and a study of didactic poetry. Three hours per week. *Six semester hours.*

5, 6. **LATIN COMEDY; CICERO AND PLINY.** (1) Terence: *Phormio* and *Heauton-Timorumenos*. Plautus: *Captivi* or *Trinummus* and *Menaechmi*. Lectures on the ancient theater and kindred topics. (2) Cicero and Pliny the Younger: Selected Epistles. This part of the course is designed to train the student in the power of rapid reading, by covering a large amount of Latin of only moderate difficulty. Two hours per week. *Four semester hours.*

7, 8. **TACITUS, LUCRETIUS.** (1) Tacitus: *Agricola*, *Germania* and Selections from the *Annals*. A study of the aims and purposes of the works with a survey of Roman History. (2) Lucretius: *De Rerum Natura*. A study of Epicureanism, Lucretius as a philosopher and a poet, his influence on other writers. Two hours per week. *Four semester hours.*

Courses 5, 6 and 7, 8 are given in alternate years. Course 5, 6 will be given in 1924-25.

9, 10. **TEACHERS' COURSE.** A consideration of the aims and purposes of classical studies. Preparatory authors will be discussed and interpreted with special regard to the essential points in teaching. Two hours per week. *Two semester hours.*

Course 9, 10 is elective in the Classical group and for others in special cases.

MATHEMATICS AND ASTRONOMY

PROFESSOR CLAWSON

1, 2. **ELEMENTARY FUNCTIONS.** Topics from algebra, trigonometry and analytics designed to give an idea of the place of mathematics in the world of thought and action. Two hours per week. *Four semester hours.*

Course 1, 2 is prescribed for all First year students.

3-4. **ELEMENTARY ANALYSIS.** Introduction to the calculus with additional topics from algebra and trigonometry. Two hours per week. *Four semester hours.*

Course 3-4 is prescribed in the Mathematical Group. Prerequisite Plane Trigonometry; but it may be taken at the same time as Mathematics 1, 2 without this prerequisite.

5. **PLANE ANALYTICAL GEOMETRY.** The use of algebraic methods in the study of geometry. Prerequisite, Mathematics 1, 2 or its equivalent. Three hours per week. *Three semester hours.*

Course 5 is prescribed in the Mathematical Group.

6. **SOLID GEOMETRY.** The methods of pure geometry, of analytic geometry and of descriptive geometry applied in the study of polyhedrons and simple curved surfaces. Spherical trigonometry. Prerequisite Mathematics 5. Three hours per week. *Three semester hours.*

Course 6 is prescribed in the Mathematical Group.

7-8. **THE CALCULUS.** Review of the fundamentals, and a further study of methods of differentiation and integration and applications. Elements of differential equations. Prerequisites, Mathematics 3-4, 5, and 6. Two hours per week. *Four semester hours.*

Course 7-8 alternates with Course 17-18. Not offered in 1924-25.

9-10. INTRODUCTION TO MODERN GEOMETRY. The recent geometry of the triangle and quadrilateral; anharmonic ratio; ranges and pencils; projective geometry; non-Euclidean geometry. Two hours per week. *Four semester hours.*

Course 9-10 is primarily intended for prospective teachers of plane geometry in secondary schools. It should be elected only by students who have a real aptitude for geometry.

Course 9-10 alternates with Course 11-12. Offered in 1924-25.

11-12. INTRODUCTION TO MODERN ALGEBRA. Topics in higher algebra; the solution of equations; complex numbers; theory of numbers. Two hours per week. *Four semester hours.*

Course 11-12 is primarily intended for prospective teachers of algebra in secondary schools.

13-14. MATHEMATICS OF FINANCE. The operation of interest in relation to the amortization of debts, the creation of sinking funds, the treatment of depreciation, the valuation of bonds, the accumulation of funds in building and loan associations, and the elements of life insurance. Two hours per week. *Four semester hours.*

Course 13-14 alternates with Course 15-16. Offered in 1924-25.

15-16. MATHEMATICAL STATISTICS. Gathering the material, displaying it by the different types of graphs, analysis of the material, averaging, dispersion, correlation. Graphical computation. Prerequisite Mathematics 1, 2 or its equivalent. Two hours per week. *Four semester hours.*

17-18. ASTRONOMY. Facts and theories concerning the appearance, dimensions, constitutions, motions and interrelations of celestial bodies; practical applications. Prerequisite Mathematics 1, 2 or its equivalent and some knowledge of Physics. One hour per week. *Two semester hours.*

Course 17-18 alternates with Course 7-8. Offered in 1924-25.

MUSIC

MISS WALDRON, MISS MENTZER, MISS HARTENSTINE

1-2. SIGHT SINGING AND EAR TRAINING. Notation, rhythm, tone relations, scale relations, transitions, modes, modulations and intervals. A fundamental course. Two hours per week. *Four semester hours.*

3-4. HARMONY. Triads and their inversions. Chords of the seventh. Augmented sixth chords. Modulations. Transpositions. Suspensions. Three hours per week. *Six semester hours.*

5-6. **ADVANCED HARMONY AND COUNTERPOINT.** Harmonizing melodies. Analysis of chorals. Insertion of more than four parts. Enharmonic changes. Strict and free counterpoint. Double counterpoint. Canon. Imitation. Fugue. Three hours per week. *Six semester hours.*

7, 8. **HISTORY OF MUSIC.** Development of music in its various forms from the beginning of the Christian era to the present time, with special reference to the progress of musical taste and culture. Text, lectures and collateral reading. One hour per week. *Two semester hours.*

9. **TEACHERS' COURSE.** The development of "music hearing." A review of the fundamentals of harmony as understood in chord relations, transposition and modulation. Definite technical method for children. Difficulties in teaching. Study of teaching material. Three hours per week. *Three semester hours.*

Students having satisfactorily completed Courses 1-2, 3-4, 7, 8 and 9, with a specified amount of Applied Music will be entitled to receive the Teacher's Certificate in Music granted by the College.

Private instruction is provided in Applied Music (Piano, Violin and Voice). For terms, see page 69.

PHILOSOPHY

PROFESSOR TOWER

1. **ETHICS.** A study of the principles of moral judgment, with exposition and criticisms of the more important theories concerning the basis of the distinction between right and wrong conduct; the various problems of theoretical and practical ethics. Papers by students. Three hours per week. *Three semester hours.*

Course 1 alternates with Course 1a. Not offered in 1924-25.

1a. **INTRODUCTION TO PHILOSOPHY.** A preliminary course designed to give the student some orientation with reference to the field and problems of philosophy. Three hours per week. *Three semester hours.*

2. **LOGIC.** A study of the guiding principles involved in correct thinking; the use of terms and classification; the nature of deductive inference with special reference to fallacious forms of reasoning as they receive expression in daily life; the canons of inductive inference, and the basic concepts involved in scientific method. Three hours per week. *Three semester hours.*

Course 2 alternates with Psychology 2. Not offered in 1924-25.

3. HISTORY OF ANCIENT AND MEDIAEVAL PHILOSOPHY. This course and the following are designed to assist the student in his interpretation of modern thought-currents by giving him some acquaintance with the productions of the great constructive minds of the past. Three hours per week. *Three semester hours.*

Students may not register for Course 3 unless they also take Course 4.

4. HISTORY OF MODERN PHILOSOPHY. Descartes; Spinoza; Leibniz; the English Empiricists; Kant, and Post-Kantian Idealism; Recent Philosophical Tendencies. Three hours per week. *Three semester hours.*

5, 6. PHILOSOPHY OF RELIGION. An outline course designed to acquaint the student with the fundamental problems of the religious consciousness in their philosophical aspects. Three hours per week. *Six semester hours.*

7-8. PHILOSOPHICAL SEMINAR. Recent and contemporary philosophical constructions and their critics. Idealism; Pragmatism, Neo-Realism. Selected portions of the works of Bradley, Royce, James, Schiller, Bosanquet, and the Realists will be read. Two hours per week. *Four semester hours.*

Courses 1, or 1a, 3 and 4 are required of candidates for Honors in philosophy.

PSYCHOLOGY

PROFESSOR TOWER

1. ELEMENTARY PSYCHOLOGY. An introductory study of mental life and accompanying types of human behavior. Three hours per week. *Three semester hours.*

2. SOCIAL PSYCHOLOGY. A study of group action and of the group influences by which the individual is surrounded; tradition, custom, public opinion, and other psychological and social forces which affect individual judgment and action. Three hours per week. *Three semester hours.*

Course 2 alternates with Philosophy 2. Offered in 1924-25.

4. EDUCATIONAL PSYCHOLOGY. The data of psychology in their bearing upon teaching and learning; instinctive equipment of the learner; variation in human capacities; inheritance of human traits; rate and progress of learning; transference of training and allied subjects. Three hours per week. *Three semester hours.*

PHYSICS

MR. GAWTHROP

1-2. GENERAL PHYSICS. A year's course designed to give the student a broad outlook over the field of Physics. A textbook is studied, illustrative problems are solved and laboratory exercises are performed to bring out the important fundamental laws of mechanics, heat, sound, light and electricity. Practical applications are adequately treated. Occasional reference is made to the historical development and to changing hypotheses in certain subjects. Two hours class work and four hours laboratory work. *Eight semester hours.*

Course 1-2 is prescribed for all students in the Chemical-Biological Group and for candidates for the degree of Bachelor of Science in the Mathematical Group and is elective in all of the other groups. Prerequisite, Plane Trigonometry.

SPANISH

PROFESSOR BADEN

1, 2. BEGINNING SPANISH. Essential forms and general rules of syntax. Prose Composition, oral and written. Selected Spanish texts: Martínez Sierra, Benavente, Ibáñez. Three hours per week. *Six semester hours.*

3, 4. MODERN NOVEL AND DRAMA: Valera, Valdés, Galdós, Bretón. Spanish Classical Prose; Cervantes: Don Quijote. Commercial correspondence, based on Spanish business letters. Three hours per week. *Six semester hours.*

5, 6. THE GOLDEN PERIOD OF SPANISH LITERATURE (Contemporary with the Elizabethan Period in English). Calderón: La Vida es Sueño, El Alcalde de Zalamea. Lope de Vega: La Estrella de Sevilla, La Moza de Cantaro. Prose Composition with application of the more difficult Spanish idioms. Two hours per week. *Four semester hours.*

MEDICAL PREPARATORY COURSES

The College offers to students looking forward to the study of medicine the following curricula arranged in recognition of the demands of different classes of students and in view of the requirements of medical colleges:

FOUR YEAR CURRICULUM. As a complete preparation giving the student a liberal education as well as special training in certain branches of learning, and meeting the requirements of the most exacting medical institutions, the College provides the carefully articulated arrangement of courses represented in the Chemical-Biological Group (see page 57). One hundred and twenty semester hours, embracing four years of college work and qualifying the candidate for the bachelor's degree, are required.

The College strongly recommends this curriculum as best meeting the requirements of the medical profession. Graduates of Ursinus College who, as students in college, pursued this group of studies, have taken high rank in the various medical colleges and subsequently in the practice of their profession.

TWO OR THREE YEAR CURRICULUM. Many of the great medical schools continue as yet to receive students whose preparation has been less than that represented in a full college course, provided it includes certain subjects of study and embraces at least two years of work in college. To meet the needs of such students, Ursinus College offers a shorter pre-medical curriculum including the following courses: Chemistry 1-2 and 3-4, Physics 1-2, Biology 1-2 and 5-6, German 1, 2 or 11, 12, or French 1, 2 or 3, 4 and Mathematics 1, 2. Sixty semester hours in all, of which eighteen may be elective, are required of students pursuing this curriculum.

ADMISSION TO MEDICAL PREPARATORY COURSES. Candidates for admission who intend to pursue the Four Year Curriculum must comply with the regular terms of admission as set forth on pages 21 and 22. Others must present certificates showing that they have had four years of work in an accredited secondary school or its equivalent, and indicating that they have satisfactorily completed fourteen units of preparatory work, seven of which must be distributed as follows: English, 2 units; Mathematics, 2 units; Latin, Greek or French, 2 units; and History, 1 unit. Blank forms for these certificates are furnished by the Dean of the College to whom all communications on the subject and all certificates should be addressed.

THE GROUPS

The group system is employed in the organization and administration of instruction. By this system, the courses of instruction are offered in carefully arranged groups, each comprising (1) dominant subjects which adapt the group to the intellectual tastes and the future purposes of the student, (2) other prescribed subjects essential to a liberal education and required of all students, and (3) elective subjects from which may be selected studies meeting the particular objectives of each individual. A student, at matriculation, chooses the group of studies he desires to pursue, and with the advice and consent of his Adviser, selects his studies for the year and reports the same to the Dean on a blank provided for the purpose. By virtue of this act he becomes a member of the group of his choice and as such is officially recognized thereafter in all acts and processes of administration in the College. A student who is uncertain on entering college as to his life purposes and, therefore, undecided as to the group of studies he should pursue, may make a temporary choice and change to any group he may prefer at the end of the first year.

CHOICE OF STUDIES

In registering, the student must present his complete list of studies, both prescribed and elective, *for the whole year*.

Courses to satisfy conditions take precedence of regular courses. It is strongly advised that conditions be made up in the Summer Session so as not to interfere with the proper arrangement of one's curriculum as laid down.

In selecting studies for the year, the student will follow the synopsis of his group as presented, although with the approval of his Adviser and of the Dean, he may substitute other studies for the elective courses listed; or at the beginning of a year may change from one group to another.

When a student changes to another group he will receive credit toward graduation only for such of the prescribed courses as he may have completed as are included in the group to which he has received permission to change.

REQUIREMENTS FOR GRADUATION

For the degree of Bachelor of Arts or Bachelor of Science, a student must complete *one hundred and twenty semester hours* of work, not counting the work in physical training. A student may not take in any one semester less than twelve, nor more than eighteen semester hours of work. It is strongly recommended that the student's curriculum include: First year, thirty-three semester hours; Second year, thirty semester hours; Third year, thirty semester hours; Fourth year, twenty-seven semester hours. The Advisor may permit a deviation from these hours to an extent of three semester hours.

In arranging his curriculum, every regular student must provide for meeting the following general requirements:

A. FOR THE BACHELOR OF ARTS DEGREE: (1) six semester hours of Latin, provided four units of Latin were offered toward admission; twelve semester hours, provided only three units were offered toward admission; (2) six semester hours of the modern language offered toward admission, or twelve semester hours of a modern language begun in college, except for students of the Classical Group having had at least two years of a modern language in preparation, in which case the further study of modern languages is not required; (3) at least six semester hours of science with laboratory work.

B. FOR THE BACHELOR OF SCIENCE DEGREE: (1) six semester hours of a modern language, at least two years of which were offered toward admission, twelve semester hours of a modern language begun in college; (2) at least six semester hours of science with laboratory work; (3) four semester hours of mathematics, in addition to the mathematics prescribed for all students or an equivalent amount, or more, of work in science.

The general requirements in foreign languages and in science must be fulfilled one year prior to graduation.

CLASSICAL GROUP

Prescribed courses are printed in small capitals. Figures designate courses as arranged by departments on preceding pages. Odd numbers refer to first semester, even numbers to second semester. Numbers in parentheses indicate semester hours.

<i>First Year</i>		<i>Second Year</i>	
LATIN A, B* or 1, 2	(6)	LATIN 1, 2 or 3, 4	(6)
GREEK 1 and 2	(6)	GREEK 3 and 4	(6)
ENGLISH BIBLE 1, 2	(4)	HISTORY 1, 2	(6)
ENGLISH COMP. 1, 2	(2)	Biology 5-6	(8)
ENGLISH LIT. 1, 2	(4)	Chemistry 1-2	(8)
MATHEMATICS 1, 2	(4)	Economics 3-4	(6)
Biology 1-2	(2)	Education 1	(3)
Economics 1, 2	(4)	English Comp. 3, 4 or 5, 6	(2)
French 1, 2 or 3, 4	(6)	English Lit. 3, 4 or 11-12	(4)
German 1, 2 or 3, 4	(6)	French 1, 2 or 3, 4	(6)
History 1, 2	(6)	German 1, 2 or 3, 4	(6)
Mathematics 3, 4	(4)	Music 3-4	(6)
Music 1-2	(4)	Physics 1-2	(8)
Spanish 1, 2; 3, 4	(6)	Psychology 1	(3)
		Spanish 1, 2; 3, 4	(6)
<i>Third Year</i>		<i>Fourth Year</i>	
LATIN 5, 6 or		GREEK 5 and 6 or 7 and 8 or	
GREEK 5 and 6	(4)	LATIN 5, 6	(4)
ENGLISH BIBLE 3, 4	(4)	PHILOSOPHY 1a	(3)
POLITICAL SCIENCE 3	(3)	Biology 11-12	(4)
PSYCHOLOGY 1	(3)	Church History 2	(2)
Biology 11-12	(4)	Education 7 or 8	(3)
Education 1	(3)	Education 10	(3)
Education 2; 7	(3)	English Comp. 9, 10	(2)
English Comp. 8	(3)	English Lit. 9-10	(4)
English Lit. 7, 8 or 11-12	(6)	English Lit. 11-12	(4)
Expression 1, 2	(4)	Expression 3, 4	(4)
German 9, 10	(4)	French 7, 8	(4)
History 4	(3)	Greek 10	(2)
Music 5-6	(6)	History 4	(3)
Philosophy 1a	(3)	Latin 9, 10	(2)
Psychology 2	(3)	Music 7, 8	(2)
Psychology 4	(3)	Music 9	(3)
Spanish 5, 6	(4)	Philosophy 3, 4; 5, 6; 7-8	(6)

* For students who present only three units of Latin toward admission.

Groups of Courses

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MATHEMATICAL GROUP

Prescribed courses are printed in small capitals. Figures designate courses as arranged by departments on preceding pages. Odd numbers refer to first semester, even numbers to second semester. Numbers in parentheses indicate semester hours.

First Year

MATHEMATICS 1, 2 and 3-4	(8)
ENGLISH BIBLE 1, 2	(4)
ENGLISH COMP. 1, 2	(2)
ENGLISH LIT. 1, 2	(4)
FRENCH 1, 2 or 3, 4* or	
GERMAN 1, 2 or 3, 4 or	
LATIN A, B or 1, 2 or	
SPANISH 1, 2	(6)
Biology 1-2	(2)
Economics 1, 2	(4)
History 1, 2	(6)
Music 1-2	(4)
Spanish 3, 4	(6)

Second Year

MATHEMATICS 5 and 6	(6)
LATIN 1, 2 or	(6)
PHYSICS 1-2	(8)
HISTORY 1, 2	(6)
Biology 5-6	(8)
Chemistry 1-2	(8)
Economics 3-4	(6)
Education 1	(3)
English Comp. 3, 4; 5, 6	(2)
English Lit. 3, 4 or 11-12	(4)
French 5, 6; 7, 8	(4)
German 3, 4	(6)
Psychology 1	(3)
Spanish 3, 4	(6)

Third Year

MATHEMATICS 17-18	(4)
ENGLISH BIBLE 3, 4	(4)
POLITICAL SCIENCE 3	(3)
PSYCHOLOGY 1	(3)
Biology 11-12	(4)
Chemistry 5-6	(8)
Education 1	(3)
Education 2; 7	(3)
English Comp. 8	(3)
English Lit. 7, 8 or 11-12	(6)
Expression 1, 2	(4)
History 4	(3)
Music 3-4	(6)
Philosophy 1a	(3)
Psychology 2	(3)
Psychology 4	(3)
Spanish 5, 6	(4)

Fourth Year

MATHEMATICS 11-12	(4)
PHILOSOPHY 1a	(3)
Church History 2	(2)
Education 2	(3)
Education 7; 8; 10	(3)
English Comp. 9, 10	(2)
English Lit. 9-10	(4)
English Lit. 11-12	(4)
Expression 3, 4	(4)
Mathematics 15-16	(4)
Music 5-6	(6)
Music 9	(3)
Philosophy 3, 4	(6)
Philosophy 5, 6	(6)
Philosophy 7-8	(4)
History 4	(3)
Psychology 4	(3)

* Candidates for the Bachelor of Science degree take French; candidates for the Bachelor of Arts degree take Latin.

CHEMICAL-BIOLOGICAL GROUP

Prescribed courses are printed in small capitals. Figures designate courses as arranged by departments on preceding pages. Odd numbers refer to first semester, even numbers to second semester. Numbers in parentheses indicate semester hours.

<i>First Year</i>		<i>Second Year</i>	
BIOLOGY 3-4, <i>or</i>	(6)	CHEMISTRY 1-2 <i>or</i>	(8)
CHEMISTRY 1-2	(8)	CHEMISTRY 5-6, <i>or</i>	(8)
ENGLISH BIBLE 1, 2	(4)	BIOLOGY 5-6	(8)
ENGLISH COMP. 1, 2	(2)	HISTORY 1, 2	(6)
ENGLISH LIT. 1, 2	(4)	PHYSICS 1-2	(8)
FRENCH 1, 2 <i>or</i> 3, 4,* <i>or</i>		Economics 3-4	(6)
LATIN A. B. <i>or</i> 1, 2	(6)	Education 1	(3)
MATHEMATICS 1, 2	(4)	English Comp. 3, 4 <i>or</i> 5, 6	(2)
Biology 1-2	(2)	English Lit. 3, 4 <i>or</i> 11-12	(4)
German 1, 2; 3, 4	(6)	French 5, 6 <i>or</i> 7, 8	(4)
Economics 1, 2	(4)	German 3, 4	(6)
History 1, 2	(6)	Psychology 1	(3)
Mathematics 3, 4	(4)	Spanish 3, 4	(6)
Spanish 1, 2; 3, 4	(6)		
<i>Third Year</i>		<i>Fourth Year</i>	
BIOLOGY 9-10 <i>or</i>	(8)	CHEMISTRY 7-8 <i>or</i>	(8)
CHEMISTRY 7-8	(8)	BIOLOGY 9-10	(8)
ENGLISH BIBLE 3, 4	(4)	PHILOSOPHY 1a	(3)
PSYCHOLOGY 1	(3)	Biology 14	(2)
POLITICAL SCIENCE 3	(3)	Church History 2	(2)
Biology 5-6	(6)	Education 7	(3)
Biology 11-12	(4)	Education 8	(3)
Education 1	(3)	English Comp. 9, 10	(2)
Education 2; 7	(3)	English Lit. 9-10	(4)
English Comp. 8	(3)	English Lit. 11-12	(4)
English Lit. 7, 8 <i>or</i> 11-12	(6)	Expression 3, 4	(4)
Expression 1, 2	(4)	History 4	(3)
French 5, 6; 7, 8	(4)	Philosophy 3, 4	(6)
German 11, 12	(4)	Philosophy 5, 6	(6)
History 4	(3)	Philosophy 7-8	(4)
Philosophy 1a	(3)	Psychology 2	(3)
Psychology 2; 4	(3)	Psychology 4	(3)
Spanish 5, 6	(4)		

* Candidates for the Bachelor of Science degree take French; candidates for the Bachelor of Arts degree take Latin.

Groups of Courses

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HISTORICAL-POLITICAL GROUP

Prescribed courses are printed in small capitals. Figures designate courses as arranged by departments on preceding pages. Odd numbers refer to first semester, even numbers to second semester. Numbers in parentheses indicate semester hours.

<i>First Year</i>		<i>Second Year</i>	
ENGLISH BIBLE 1, 2	(4)	HISTORY 1, 2	(6)
ENGLISH COMP. 1, 2	(2)	ECONOMICS 3-4	(6)
ENGLISH LIT. 1, 2	(4)	French 3, 4 <i>or</i>	
FRENCH 1, 2 <i>or</i> 3, 4* <i>or</i>		German 3, 4 <i>or</i>	
GERMAN 1, 2 <i>or</i> 3, 4 <i>or</i>		Spanish 1, 2	(6)
LATIN A, B <i>or</i> 1, 2 <i>or</i>		Biology 5-6	(8)
SPANISH 1, 2	(6)	Chemistry 1-2	(8)
MATHEMATICS 1, 2	(4)	Education 1	(3)
Biology 1-2	(2)	English Comp. 3, 4 <i>or</i> 5, 6	(2)
Economics 1, 2	(4)	English Lit. 3, 4 <i>or</i> 11-12	(4)
History 1, 2	(6)	Music 3-4	(6)
Mathematics 3, 4	(4)	Physics 1-2	(8)
Music 1-2	(4)	Psychology 1	(3)

<i>Third Year</i>		<i>Fourth Year</i>	
HISTORY 4	(3)	HISTORY 7, 8	(6)
POLITICAL SCIENCE 3	(3)	PHILOSOPHY 1a	(3)
ENGLISH BIBLE 3, 4	(4)	Church History 2	(2)
PSYCHOLOGY 1	(3)	Economics 5, 6	(6)
Biology 11-12	(4)	Education 7	(3)
Church History 2	(2)	Education 8; 10	(3)
Education 1	(3)	English Comp. 9, 10	(2)
Education 2	(3)	English Lit. 7, 8	(6)
Education 7	(3)	English Lit. 9-10	(4)
English Comp. 8	(3)	English Lit. 11-12	(4)
English Lit. 7, 8 <i>or</i> 11-12	(6)	French 7, 8	(4)
Expression 1, 2	(4)	French 11, 12	(4)
French 7, 8; 9, 10	(4)	History 4	(3)
German 9, 10	(4)	Mathematics 15-16	(4)
German 11, 12	(4)	Music 9	(3)
Music 5-6	(6)	Philosophy 3, 4	(6)
Philosophy 1a	(3)	Philosophy 6	(3)
Psychology 2; 4	(3)	Philosophy 7-8	(4)
Spanish 3, 4	(6)	Spanish 3, 4	(6)

* Candidates for the Bachelor of Science degree take French; candidates for the Bachelor of Arts degree take Latin.

ENGLISH-HISTORICAL GROUP

Prescribed courses are printed in small capitals. Figures designate courses as arranged by departments on preceding pages. Odd numbers refer to first semester, even numbers to second semester. Numbers in parentheses indicate semester hours.

<i>First Year</i>		<i>Second Year</i>	
ENGLISH COMP. 1, 2	(2)	HISTORY 1, 2	(6)
ENGLISH LIT. 1, 2	(4)	ENGLISH COMP. 3, 4 or 5, 6	(2)
ENGLISH BIBLE 1, 2	(4)	ENGLISH LIT. 3, 4	(4)
FRENCH 1, 2 or 3, 4* or		French 3, 4 or 5, 6 or	
LATIN A, B or 1, 2	(6)	German 3, 4 or	
MATHEMATICS 1, 2	(4)	Spanish 1, 2 or 3, 4	(6)
Biology 1-2	(2)	Biology 5-6	(8)
Economics 1, 2	(4)	Chemistry 1-2	(8)
German 1, 2 or 3, 4	(6)	Economics 3-4	(6)
History 1, 2	(6)	Education 1	(3)
Mathematics 3, 4	(4)	English Lit. 11-12	(4)
Music 1-2	(4)	Music 3-4	(6)
Spanish 1, 2	(6)	Physics 1-2	(8)
		Psychology 1	(3)
<i>Third Year</i>		<i>Fourth Year</i>	
ENGLISH LIT. 7, 8	(6)	ENGLISH LIT. 9-10 or	(4)
ENGLISH LIT. 11-12	(4)	HISTORY 7, 8	(6)
HISTORY 4	(3)	PHILOSOPHY 1a	(3)
ENGLISH BIBLE 3, 4	(4)	Church History 2	(2)
POLITICAL SCIENCE 3	(3)	Education 7; 8	(3)
PSYCHOLOGY 1	(3)	Education 10	(3)
Biology 11-12	(4)	English Comp. 9, 10	(2)
Church History 2	(2)	French 11, 12	(4)
Education 1	(3)	French 13, 14	(2)
Education 2, 7	(3)	German 11, 12	(4)
English Comp. 8	(3)	German 13, 14	(2)
Expression 1, 2	(4)	History 4	(3)
French 7, 8 or 9, 10	(4)	Music 7, 8	(2)
German 7, 8; 11, 12	(4)	Music 9	(4)
Music 5-6	(6)	Philosophy 3, 4	(6)
Music 7, 8	(2)	Philosophy 5, 6	(6)
Philosophy 1a	(3)	Philosophy 7-8	(4)
Psychology 2; 4	(3)	Spanish 3, 4	(6)
Spanish 3, 4 or 5, 6	(6)	Spanish 5, 6	(4)

* Candidates for the Bachelor of Science degree take French; candidates for the Bachelor of Arts degree take Latin.

Groups of Courses

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MODERN LANGUAGE GROUP

Prescribed courses are printed in small capitals. Figures designate courses as arranged by departments on preceding pages. Odd numbers refer to first semester, even numbers to second semester. Numbers in parentheses indicate semester hours.

First Year

FRENCH 1, 2 or 3, 4* or	
LATIN A, B or 1, 2	(6)
GERMAN 1, 2 or 3, 4 or	
SPANISH 1, 2 or 3, 4	(6)
ENGLISH BIBLE 1, 2	(4)
ENGLISH COMP. 1, 2	(2)
ENGLISH LIT. 1, 2	(4)
MATHEMATICS 1, 2	(4)
Biology 1-2	(2)
Economics 1, 2	(4)
History 1, 2	(6)
Mathematics 3, 4	(4)
Music 1-2	(4)

Second Year

FRENCH 3, 4 or 5, 6 or	
LATIN 1, 2	(6)
GERMAN 3, 4 or	(6)
GERMAN 9, 10 or	(4)
SPANISH 3, 4	(6)
HISTORY 1, 2	(6)
Biology 5-6	(8)
Chemistry 1-2	(8)
Economics 3-4	(6)
Education 1	(3)
English Comp. 3, 4 or 5, 6	(2)
English Lit. 3, 4 or 11-12	(4)
Music 3-4	(6)
Physics 1-2	(8)
Psychology 1	(3)

Third Year

FRENCH 5, 6 or 7, 8 or	
GERMAN 9, 10 or	(4)
SPANISH 3, 4	(6)
ENGLISH BIBLE 3, 4	(4)
POLITICAL SCIENCE 3	(3)
PSYCHOLOGY 1	(3)
Biology 11-12	(4)
Church History 2	(2)
Education 1	(3)
Education 2; 7	(3)
English Comp. 8	(3)
English Lit. 7; 8 or 11-12	(6)
Expression 1, 2	(4)
History 4	(3)
Music 5-6	(6)
Music 7, 8	(2)
Philosophy 1a	(3)
Psychology 2; 4	(3)
Spanish 3, 4 or 5, 6	(6)

Fourth Year

FRENCH 7, 8 or 9, 10 or	
GERMAN 11, 12	(4)
ENGLISH LIT. 5; 6	(6)
PHILOSOPHY 1a	(3)
Church History 2	(2)
Education 7; 8; 10	(3)
English Comp. 9, 10	(2)
English Lit. 9-10 or 11-12	(4)
Expression 3, 4	(4)
French 11, 12	(4)
French 13, 14	(2)
German 13, 14	(2)
History 4	(3)
Music 7, 8	(2)
Music 9	(3)
Philosophy 3, 4	(6)
Philosophy 5, 6	(6)
Philosophy 7-8	(4)
Spanish 5, 6	(4)

* Candidates for the Bachelor of Science degree take French; candidates for the Bachelor of Arts degree take Latin.

ECONOMICS AND BUSINESS ADMINISTRATION GROUP

Prescribed courses are printed in small capitals. Figures designate courses as arranged by departments on preceding pages. Odd numbers refer to first semester, even numbers to second semester. Numbers in parentheses indicate semester hours.

<i>First Year</i>		<i>Second Year</i>	
ECONOMICS 1, 2	(4)	ECONOMICS 3, 4	(6)
ENGLISH BIBLE 1, 2	(4)	HISTORY 1, 2	(6)
ENGLISH COMP. 1, 2	(2)	French 3, 4 <i>or</i> 5, 6 <i>or</i>	
ENGLISH LIT. 1, 2	(4)	German 3, 4 <i>or</i>	
FRENCH 1, 2 <i>or</i> 3, 4* <i>or</i>		Spanish 1, 2	(6)
LATIN A, B <i>or</i> 1, 2	(6)	Biology 3-4	(8)
MATHEMATICS 1, 2	(4)	Chemistry 1-2	(8)
German 1, 2 <i>or</i> 3, 4 <i>or</i>		Education 1	(3)
Spanish 1, 2	(6)	English Comp. 3, 4 <i>or</i> 5, 6	(2)
Biology 1-2	(2)	English Lit. 3, 4 <i>or</i> 11-12	(4)
History 1, 2	(6)	Mathematics 3, 4	(4)
Mathematics 3, 4	(4)	Music 3-4	(6)
Music 1-2	(4)	Physics 1-2	(8)
		Psychology 1	(3)
<i>Third Year</i>		<i>Fourth Year</i>	
ECONOMICS 5; 6 <i>or</i> 7; 8	(5)	ECONOMICS 7; 8 <i>or</i> 5; 6	(6)
HISTORY 4	(3)	HISTORY 7, 8	(6)
POLITICAL SCIENCE 3	(3)	PHILOSOPHY 1a	(3)
ENGLISH BIBLE 3, 4	(4)	Church History 2	(2)
PSYCHOLOGY 1	(3)	Education 7	(3)
Biology 11-12	(4)	Education 8; 10	(3)
Church History 2	(2)	English Comp. 9, 10	(2)
Education 1	(3)	English Lit. 7, 8	(6)
Education 2; 7	(3)	English Lit. 9-10	(4)
English Comp. 8	(3)	English Lit. 11-12	(4)
English Lit. 7, 8 <i>or</i> 11-12	(6)	French 7, 8	(4)
Expression 1, 2	(4)	French 11, 12	(4)
French 7, 8; 9, 10	(4)	German 11, 12; 13-14	(4)
German 9, 10	(4)	History 4	(3)
German 11, 12	(4)	History 7, 8	(6)
Music 5-6	(6)	Music 9	(3)
Philosophy 1a	(3)	Philosophy 3, 4	(6)
Psychology 2	(3)	Philosophy 5, 6	(6)
Psychology 4	(3)	Philosophy 7-8	(4)
Spanish 3, 4	(6)	Spanish 5, 6	(4)

* Candidates for the Bachelor of Science degree take French; candidates for the Bachelor of Arts degree take Latin.

ADMINISTRATION

GRADES OF SCHOLARSHIP

On the completion of a course the standing of a student is expressed, according to his proficiency, by one of five grades, designated respectively by the letters A, B, C, D, E and F. Grade E denotes failure which may be made up by re-examination. Grade F denotes failure such that the course must be repeated.

Each student is required to do a grade of work that shall average C in the courses pursued in any one year; and in the event of his failure to do so, shall be required to repeat in the following year such course or courses as may be necessary to raise the average grade to C, the repeated work to take precedence over any additional courses.

A permanent record is kept of each student's work, and a report of the same is sent to his parents or guardian at the close of each semester.

HONORS

COMMENCEMENT PARTS

Two commencement parts (or honors) are assigned to members of the graduating class; one to the young man attaining the highest grade among the young men; the other to the young woman attaining the highest grade among the young women. Of these two, the one having the higher grade is assigned the Valedictory; the other, the Salutatory.

GRADUATION WITH DISTINCTION

Members of the graduating class, who have shown great proficiency in their entire course may be graduated with distinction if, in the opinion of the Faculty, their attainments warrant such honors. These distinctions are: *summa cum laude*, *magna cum laude*, and *cum laude*, and are given only for unusual excellence in all the subjects pursued by the candidate.

DEPARTMENT HONORS

Students may be graduated with special honors in departments of study in which they have shown exceptional proficiency, and in which they have done extra work as prescribed in the following rules:

1. A candidate for Department Honors must have the endorsement of the professor in charge of the department in which he expects to try for such honors, and must enroll as a candidate at the Dean's office not later than the last day before final examinations of the college year prior to that in which he expects to receive his degree.

2. A student must have maintained a grade not lower than C in any course previously pursued after the First year and must maintain an average of B while he is pursuing his work as a candidate for Department Honors.

3. A candidate shall be required to do an amount of work equivalent to three semester hours in the department in which he intends to try for honors, in addition to the full number of semester hours prescribed for graduation of which at least twelve semester hours must be in the subject in which he is registered for Department Honors; and shall submit to the Faculty a thesis on some subject within the field represented by his extra work. The thesis must be presented at least one week before the time set for the Fourth year final examinations.

PRIZES

ORATORICAL PRIZES

Cash prizes of Twenty Dollars and Fifteen Dollars are offered by Alvin Hunsicker, B.S., of New York City, and the Rev. J. W. Meminger, D.D., of Lancaster, Pa., respectively, both members of the class of 1884, for the best and second best orations delivered in the Junior Oratorical Contest for men on Friday evening of Commencement week.

Cash prizes of Twenty Dollars and Ten Dollars are offered by the Faculty Ladies' Literary Club, and Mrs. L. A. Shiffert, of Pottstown, Pa., as a memorial to Dorothy A. Shiffert, '19, respectively, for the best and second best orations delivered in the Junior Oratorical Contest for young women, held also on Friday evening of Commencement week.

THE HAVILAH MCCURDY-BENNETT ESSAY PRIZE

A cash prize of Twenty Dollars is offered by Mrs. Havilah McCurdy-Bennett, A.M., '92, of Washington, D. C., for the best essay on an assigned topic. Competition for this prize is limited to students holding positions under the Bureau of Self-Help.

THE PHILIP H. FOGEL MEMORIAL PRIZE

The Philip H. Fogel Memorial Prize of Twenty-five Dollars is awarded annually to the student who attains the highest excellence in the department of the English Bible, as shown by examination on completion of all prescribed work. The prize has been endowed by Mrs. Edwin J. Fogel in memory of her son Philip H. Fogel, Ph.D., of the Class of 1901.

OPEN SCHOLARSHIPS

The College offers five scholarships of Two Hundred and Fifty Dollars each, open to candidates from approved preparatory and first-grade high schools. Selection for these scholarships is based on the following: 1. Qualities of personality, character and leadership. 2. Scholarly ability and attainments. 3. Physical vigor as shown by interest and skill in outdoor sports, or in other ways.

DEGREES

The College confers the degrees of Bachelor of Arts and Bachelor of Science on all students who have completed the academical exercises appointed for them by the Faculty, and, upon final examination, have been approved as candidates for these degrees. The institution confines itself exclusively to undergraduate work. Candidates for the degree of Master of Arts are referred to university graduate schools.

On academic occasions the College may confer the honorary degrees of Doctor of Divinity, Doctor of Science, Doctor of Letters and Doctor of Laws on persons whose distinguished ability or service may have been deemed worthy of such recognition by the Faculty.

ORGANIZATIONS

Two literary societies, the ZWINGLIAN and the SCHAFF, each having held a place of honor and great usefulness in the College from the earliest days, provide undiminished opportunities to all students for the cultivation of the arts and letters and for training in public speaking and parliamentary practice. Each society is provided with a hall for its exclusive use. Both societies meet regularly every Friday evening throughout the year.

The YOUNG MEN'S CHRISTIAN ASSOCIATION, the YOUNG WOMEN'S CHRISTIAN ASSOCIATION, a STUDENT VOLUNTEER BAND and the BROTHERHOOD OF ST. PAUL represent active and helpful forms of religious life among the students.

The ATHLETIC ASSOCIATION, the DEBATING TEAMS, the Men's and Women's GLEE CLUBS, the ORCHESTRA and the COLLEGE CHOIR provide a wide range of extra-classroom activities for the exercise of special talents and the development of latent abilities.

The seven GROUPS of the college, the Classical, the Mathematical, the Chemical-Biological, the Historical-Political, the English-Historical, the Modern Language and the Economics and Business Administration, hold stated meetings. The groups are of the nature of literary and scientific clubs, and the meetings combine academical and social features.

PUBLICATIONS

THE URSINUS BULLETIN, of which the catalogue is a number, is the official publication of the College. It is issued quarterly and is distributed free of charge to the students and the public.

THE URSINUS WEEKLY, published by the Alumni Association, is managed by a Board of Control representative of the alumni, the Faculty and the student body, and edited by a Staff

chosen from the membership of the literary societies. It is a four-page newspaper, invaluable as a record of life at Ursinus for students and alumni alike. It is issued on subscription at cost.

THE RUBY, the Senior class book, is an annual printed on plate paper and elegantly bound. It is a pictorial volume presenting an intimate view of the year's life, not only of the Class, but of the whole College. The book is sold at a price to cover cost.

POST OFFICE AND SUPPLY STORE

The College maintains a Post Office for the handling of all mail matter. Adjacent to the Post Office is a Supply Store, in which is kept on sale a full line of textbooks (new and second-hand), stationery, athletic goods, fruits and confections, souvenirs, novelties, and students' supplies. The profits of the Store are used in the support of the College Library.

EXPENSES

COLLEGE FEES

The fee covering instruction and other college privileges, including those of the use of the library, the athletic and gymnastic equipment, admission to all athletic games, to all numbers of the lecture and entertainment course, subscription to The Ursinus Weekly and ordinary medical attention, is \$200 per year. A charge of \$10 is made in the last year to cover the expense of graduation. Extra charges to cover the cost of materials for work in the several laboratory courses payable on or before November 21st, are as follows:

Biology 3-4, 5-6.....	\$10	Chemistry 3-4.....	\$15
Biology 7-8, 9-10.....	20	Chemistry 5-6.....	10
Biology 14.....	5	Chemistry 7-8.....	15
Chemistry 1-2.....	10	Physics 1-2.....	5

A deposit of Five Dollars is required of each student to defray any expenses incurred by injury to property. The unexpended balance is returned to the student when he leaves the institution.

A student who is absent from College on account of sickness, or for any other cause, and retains his place in his class, pays the College Fees stated above in full during his absence, and payment is required before the student can be admitted to examination. No remittance is allowed on account of withdrawal from the institution during a term.

In case of sickness occurring at the institution the College maintains the right to enforce quarantine and to engage the services of an attendant if necessary, but the College will not be responsible for the compensation of extra physicians, nurses or attendants, which compensation must be provided by the student or his parent or guardian.

ROOM AND BOARD

The charge for a furnished room in Freeland, Derr or Stine Halls is from \$82 to \$97 per student a year; in Olevian Hall, Shreiner Hall, Trinity Cottage, the Maples or Glenwood, the residences for women, from \$72 to \$102 per student a year. The charge in all cases, includes heat, light, and attendance. A payment of ten dollars on account is made by a student when he engages a room, which he forfeits in case he does not occupy the same.

Each student supplies his own towels, two pairs of sheets for a single bed, a pair of pillow cases (19x34), a pair of blankets and a bed spread.

The charge for table board is \$200 a year, not including the Christmas and Easter recesses. For less than one term the charge is \$6.00 a week in advance. All students who do not take their meals in their own homes will board at the College Dining Hall.

The rates for rooms and board are subject to change in accordance with costs at the beginning of any term.

ACCOMMODATIONS FOR DAY STUDENTS

Two large downstairs rooms have been fitted up in Bomberger Hall for day students, providing comfortable accommodations including lockers.

PAYMENT OF BILLS

The bills of a student based on the foregoing charges are payable as follows:

At the opening of the term in September . . .	\$127.00
On or before November 21	122.00
Or or before January 23	122.00
On or before March 13	122.00

The bills may vary from the stated amounts in certain instances according to location of rooms and laboratory charges. Credits on account of scholarships or service under the Bureau of Self-Help are allowed on the November and March bills.

Students whose accounts are still open will not receive credit for attendance upon classes after the dates of settlement announced above.

Special fees and Literary Society dues of students must be paid, or their payment secured, before the Saturday preceding the Commencement on which they expect to receive their degrees.

FEES FOR INSTRUCTION IN MUSIC

Private lessons per term of fifteen weeks: piano, twice a week, \$37.50; once a week, \$22.50. The charge for use of piano is \$10 a year. Voice, once a week, \$2.00 per lesson.

SCHOLARSHIPS

MUSIC SCHOLARSHIP

For the time being, the College offers a scholarship of Two Hundred and Fifty Dollars to be used in assisting a student who desires to specialize in music. The scholarship may be divided between two students if in the judgment of the President and the instructors in the Department of Music, this seems advisable.

PERMANENT SCHOLARSHIPS

The College possesses twenty-nine permanent scholarships. The income of each scholarship is assigned annually to a student designated by the founder of the scholarship or by the College. The list of these scholarships is as follows:

THE GEORGE WOLFF SCHOLARSHIP, founded by the Rev. George Wolff, D.D., of Myerstown, Pa.,	\$1,000
THE WILLIAM A. HELFFRICH SCHOLARSHIP, founded by the Rev. W. A. Helffrich, D.D., of Fogelsville, Pa.,	1,000
THE NATHAN SPANGLER SCHOLARSHIP, founded by Mr. Nathan Spangler of York, Pa.,	1,000
THE ANNA M. BOMBERGER SCHOLARSHIP, founded by Miss Anna M. Bomberger, with gifts amounting to \$600, and completed by Mrs. H. S. Bomberger, both of Lancaster, Pa.,	1,000
THE ABRAHAM WAGNER SCHOLARSHIP, founded under the will of Mr. Abraham Wagner of the Robison Church, Berks County, Pa.,	1,000
THE CARSON SCHOLARSHIP, founded under the will of Captain John Carson of Newberg, Cumberland County, Pa.,	1,000
THE KELKER SCHOLARSHIP, founded by Mr. Rudolph F. Kelker of Harrisburg, Pa.,	1,000
THE KEELEY SCHOLARSHIP, founded by Mr. Joseph Keeley of Spring City, Pa.,	1,000
THE JOHN B. FETTERS MEMORIAL SCHOLARSHIP, founded by Mrs. Rebecca B. Feters of Uwchland, Chester County, Pa., in memory of her deceased son, who died after a week's attendance at College in September, 1885,	1,000
THE JOHN BROWNBACK MEMORIAL SCHOLARSHIP, founded by Mrs. Melinda M. Acker and Miss Mary M. Brownback of Uwchland, Chester County, Pa., in memory of their deceased father,	1,000
THE FRANKLIN W. KREMER MEMORIAL SCHOLARSHIP, founded by the Rev. F. W. Kremer, D.D., with gifts amounting to \$500, and completed by the Sunday-school of the First Reformed Church, of Lebanon, Pa., in grateful memory of his thirty-eight years' pastorate, by an endowment of \$500,	1,000
THE HENRY FRANCIS SCHOLARSHIP, founded by Mr. Henry Francis of Spring City, Pa.,	1,000
THE CLEMENTINA R. STEWART SCHOLARSHIP, founded under the will of Miss Clementina R. Stewart of Myerstown, Pa.,	1,000

Scholarships

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- THE J. WILLIAM BIRELEY SCHOLARSHIP, founded by Mr. J. William Bireley of Frederick City, Md., \$1,000
- THE JOHN B. AND HORACE A. FETTERS SCHOLARSHIP, founded under the will of Miss Mary M. Brownback of Uwchland, Chester County, Pa., 1,000
- THE MARY M. BROWNBACK SCHOLARSHIP, founded under the will of Miss Mary M. Brownback of Uwchland, Chester County, Pa., 1,000
- THE FRANCES KREADY SCHOLARSHIP, founded by Miss Frances Kready of Lancaster, Pa., 2,000
- THE JOHN H. CONVERSE SCHOLARSHIP, founded by Mr. John H. Converse of Philadelphia, 1,000
- THE FREELAND G. HOBSON SCHOLARSHIP, founded under the will of Freeland G. Hobson, LL.D., '76, of Collegeville, 1,000
- THE STAUFFER MEMORIAL SCHOLARSHIP, founded in memory of Rebert Ursinus and John Donald Stauffer, deceased children of the pastor, Rev. J. J. Stauffer, by gifts amounting to \$500 from the pastor and members of the Lykens Valley charge, and completed by a bequest of \$500 under the will of Mrs. Elizabeth Ritzman of Gratz, Pa., 1,000
- THE FRANCIS MAGEE SCHOLARSHIP, founded by the late Francis Magee of Philadelphia, 1,000
- THE HEIDELBERG SCHOLARSHIP, founded by a member of Heidelberg Reformed Church, York, Pa., 1,000
- THE SAINT MARK'S SCHOLARSHIP, founded in 1918 by the members of Saint Mark's Reformed Church, Lebanon, Pa., in honor of their pastor, the Rev. I. Calvin Fisher, D.D., '89, and his wife, Eva S. Fisher, and in celebration of their twenty-fifth anniversary in the pastorate of Saint Mark's Church, 1,000
- THE BAHNER SCHOLARSHIP, founded in 1919 by the members of Trinity Reformed Church, Waynesboro, Pa., in honor of the Rev. Franklin F. Bahner, D.D., '73, and his wife, Mary Ella Bahner, on their completion of forty-two years of devoted service in the pastorate of the Waynesboro charge, 1,000
- THE MARTIN B. NEFF SCHOLARSHIP, founded in memory of the late Martin B. Neff, of Alexandria, Pa., and in recognition of his life-long interest in Ursinus College, out of the funds of his estate, at the instance of his sister, Miss Annie Neff, 1,000
- THE PENNSYLVANIA FEMALE COLLEGE MEMORIAL SCHOLARSHIP, founded by the Glenwood Association, a body of former

students of the Pennsylvania Female College, in recognition of the earlier work done at Collegeville for the higher education of women, \$3,000

THE WILLIAM URSINUS HELFFRICH SCHOLARSHIP, founded by Christ Reformed Church, Bath, Pa., on the twenty-fifth anniversary of the ministry of their pastor, 1,000

THE JOSEPH H. HENDRICKS MEMORIAL SCHOLARSHIP, founded in memory of the Rev. Joseph H. Hendricks, D.D., for forty-three years (1862-1905) pastor of Trinity Church, Collegeville, and for eighteen years (1887-1906) a Director of Ursinus College, by his friend, Jacob P. Buckwalter, of Macon, Georgia, 2,500

THE SILAS H. RUCH SCHOLARSHIP, founded in memory of her parents, Mr. and Mrs. Silas H. Ruch, by Mrs. E. R. Hoffman, of Philadelphia, 1,000

STUDENT AID FUNDS

Through the generosity of friends, the College is provided with funds of varying amounts with which to assist students lacking means in meeting the costs of their education. Candidates applying for aid from these funds must present, in general, the same qualifications as are required for the Open Scholarships (see page 63). These funds are administered by the officers of the College. Application should be made to the Treasurer.

BUREAU OF SELF-HELP

This bureau conducted under the management of officers of the College provides opportunities in which students may meet part of their expenses by serving in working positions in the institution. These positions are standardized so as to represent an amount of work not likely to overtax the physical resources of the student nor to interfere with his studies. Positions under the Bureau of Self-Help, however, always must be regarded as taking precedence over any extra-curricula student activities. A standard position, as a waitership in the dining room, yields compensation amounting to One Hundred and Fifty Dollars for the year. About forty positions, representing varying amounts and types of work, are open to students.

MEDICAL SERVICE

The regular fee paid by students entitles them to medical treatment without charge. The College Physician, whose aim is to maintain health as well as to treat disease, may be consulted in his office on the campus during office hours, and he will regularly visit patients confined to their rooms. Charges for nurse or attendant and for hospital service will be extra. However, students of Ursinus College will be admitted to Riverview Hospital, Norristown, at a special low rate.

Each student will be given a physical examination at the opening of the term, and will be advised as to ways and means of maintaining health and fitness for work.

BUILDINGS AND EQUIPMENT

BUILDINGS

BOMBERGER MEMORIAL HALL, named for the first President of the College, is a large and imposing structure in the Romanesque style of architecture, built of Pennsylvania blue marble. In this building are the chapel and auditorium, nine commodious and well-lighted recitation rooms, a lecture and examination hall, three laboratories, the library, reading room, society halls, day studies and administration offices. It is heated with steam and lighted by electricity. The College is indebted for the building to the generosity of the late Mr. Robert Patterson, of Philadelphia, a distinguished benefactor of the College, and to gifts from numerous other friends. The CLARK MEMORIAL ORGAN, erected in 1916 as the gift of Mrs. Charles Heber Clark, of Conshohocken, Pa., occupies an advantageous position in the front of the chapel in Bomberger Memorial Hall. The organ is a memorial to the late Charles Heber Clark, LL.D.

The ALUMNI MEMORIAL LIBRARY is a building of Chestnut Hill stone in Colonial style occupying a commanding and convenient site on the campus. The main building is 103 feet in length and, including the wings, 83 feet in depth. It is planned in accordance with the latest ideas of library administration. The space on the main floor is unbroken, constituting one large hall surrounded with book shelves, and equipped for reading and study. In the wings adjoining are seminar rooms, workrooms, the office of the librarian and a faculty room. In the space between the wings in the rear is a fireproof stack room planned for three tiers of stacks, having a capacity of 60,000 volumes. There are large, well-lighted downstairs compartments containing fireproof vaults, workrooms, lavatories, and ample space for storage.

This building erected by the Alumni and non-graduate former students is a tribute to their fellows who served their country in the Great War and a memorial to those who gave their lives in the service. On the walls of a beautiful marble vestibule, 12 x 24 feet in size, are appropriate inscriptions.

FREELAND HALL, the original building of Freeland Seminary, DERR HALL, a memorial to the late Reverend Levi K. Derr, D.D., and STINE HALL, a memorial to the late Daniel Stine in grateful recognition of benefactions to the College by his daughter, Mrs. Augustus L. Kaub, constitute a fine group of buildings occupying a position in contiguous arrangement in the center of the campus. The buildings are of stone, four stories in height with a fifth story of dormer rooms. The outer surfaces have a white sand finish while the windows are fitted with green blinds. An imposing portico of masonry and concrete having four classic columns rising to the full height of the building and surmounted with a pediment of terra cotta graces the main entrance.

On the ground floors are three communicating dining rooms providing table accommodations for three hundred persons. The largest of these is a memorial to Israel B. and A. Lizzie Shreiner, friends and benefactors of the college. A large, airy kitchen of entirely new structure and containing a complete equipment of new and most approved design, occupies the entire space in the rear court formed by the three buildings. By means of lateral windows and vault lights, open hearths and direct overhead ventilators, the dining rooms and kitchen are at all times well lighted and healthful. The remaining space on the ground floors provides store-rooms, and the office of the Superintendent of the Domestic Department. The kitchen is overlaid with a floor of steel and concrete, providing a fine elevated plaza as a thoroughfare of approach from the rear to all three buildings.

On the main floor of Freeland Hall are the Directors' Rooms and the Y. M. C. A. Social Rooms. The other portions

of these buildings are fitted up for residential purposes. The rooms are of varying size designed for one or two occupants, a considerable number being arranged en suite. Ample lavatory, bath and toilet facilities are provided on each floor. All parts of these buildings are lighted by electricity and heated with steam.

OLEVIAN HALL, a large old-fashioned dwelling on the west campus, is one of the residences for young women. This building has all the appointments of a complete home. The rooms are large, lighted by electricity and heated with steam.

SHREINER HALL, occupying a prominent position fronting on Main Street and facing the college campus, is a large, improved and well-furnished residence hall for young women. This is a three-story brick building, comfortably and conveniently arranged for the accommodation of twenty-nine students. On the first floor are a reception room, music rooms and office of the principal. The rooms for students vary in size, but are uniformly well lighted and comfortable. The building is heated throughout with steam and provided with electric light.

TRINITY COTTAGE, acquired in 1916 as an additional hall for young women, is an attractive residence, conveniently located in Sixth Avenue, having eighteen rooms and provided with hot and cold water, steam heat and electric light. This building, with the grounds on which it is located, represents a joint benefaction to the college by Henry M. Housekeeper, an elder in Trinity Reformed Church, Philadelphia, and the late Abram G. Grater, who was an elder in Trinity Reformed Church, Norristown, Pa.

The MAPLES, a desirable residence located on Main Street, opposite the east campus recently acquired by the College has been enlarged and improved and has a capacity for thirty young women students.

GLENWOOD, a residence with all conveniences, located near the historic site of the one-time Pennsylvania Female College, is leased by the College and used as additional residence quarters for young women students.

SPRANKLE HALL, a stone mansion on the east campus fronting on Fifth Avenue, is a large residence, three stories in height, with porches and veranda, and containing all of the conveniences of a comfortable home, provides apartments for officers and employes of the institution.

SUPERHOUSE, the attractive residence on Main Street opposite the college grounds bequeathed to the College by the late Henry W. Super, D.D., LL.D., Vice-President and Professor of Mathematics, 1870-1891, and Acting President, 1892-1893, and constituting a fitting memorial of his long and valued services to the institution, is the home of the President.

The THOMPSON ATHLETIC CAGE, erected as a memorial to Robert W. Thompson, who died in his senior year, March 7, 1912, occupies a site on high ground adjacent to the athletic field. This is a spacious and substantial building providing facilities for all forms of indoor athletics and affording opportunities for recreation during the winter months. The FIELD HOUSE, convenient to the cage and the athletic field, contains dressing rooms, shower baths, toilets, a heating plant and supply room.

A central heat and water plant, enlarged and newly equipped, furnishes steam heat for the principal buildings, and distributes excellent water from artesian wells to all the buildings on the premises.

A substantial stone barn with modern sanitary dairy equipment, somewhat removed from the college buildings and grounds, and convenient to the fields and gardens, is the center of the agricultural, vegetable and dairy industries of the institution.

LABORATORIES

THE BIOLOGICAL LABORATORY is on the first floor of Bomberger Memorial Hall, and has a north and west exposure. The room is 30 x 40 feet in size, is well lighted and thoroughly fitted with tables, desks, cabinets, lockers, aquaria, etc. The laboratory equipment consists of thirty-two modern compound microscopes with powers ranging up to 1000 diameters, dissecting microscopes, microtomes, projection lantern, stereopticon, camera lucida, water baths, incubator, and other such apparatus, glassware and reagents as are needed in the study of general morphology, histology and cytology of plants and animals. Additional equipment is provided from year to year.

Each student is provided with all the instruments, glassware and reagents needed; but he is held responsible for the care of these. The laboratory will accommodate thirty students at one sitting.

A considerable collection of zoölogical and botanical material, including the private collection of the late Professor P. Calvin Mensch, bequeathed to the College, is used for museum and illustration purposes. A recently formed and rapidly growing herbarium offers a fair illustration of the flora of North America.

The recent gift of Henry Croskey Allen, M.D., of Norristown, Pa., adds valuable demonstration material. This consists of a full size human manikin, a complete set of lantern slides on human anatomy, a large number of histological and embryological microscopic slides, and a set of neurological wall-charts.

A small department library, containing zoölogical, botanical and physiological works in English, French and German, besides many pamphlets, reprints and government reports, is open to the use of students in Biology. New books are added every year.

THE PHYSICAL LABORATORY is on the second floor of Memorial Hall. Modern improvements have recently been introduced and large additions made to the equipment, so that

excellent facilities are provided for experimental work in every branch of Physics. The apparatus is of modern design, and has been selected with great care from the best European and American makers. The list includes a small dynamo, Ruhmkorff coil, galvanometers with telescope and scale, ammeters and voltmeters, an electrolytic rectifier, spectrometer (Geneva Society), spectroscope (Geneva Society), polariscope, four-inch refracting telescope, and a lathe for wood and metal turning, with screw-turning attachment.

The dark room, for photographic work, 10 x 12 feet in size, is provided with running water, sinks and all necessary apparatus for making negatives and lantern slides.

THE CHEMICAL LABORATORY occupies the large downstairs compartment on the east side of Bomberger Hall where it was installed and newly equipped in 1920-21. The laboratory is well lighted and is provided with artificial ventilation by means of a powerful exhaust fan. It contains all the necessary apparatus for experimental work in general, analytical, organic and physiological chemistry. Tables are provided for the accommodation of sixty-eight students, and each table is furnished with such appliances as are necessary for gas generation and measurement, distillation and the performance of all experiments pertaining to the courses offered. A separate room for gravimetric measurement affords facilities for the most accurate work in quantitative analysis.

THE COLLEGE LIBRARY

The College Library contains about eighteen thousand volumes, selected mainly for the purpose of study, reference and thoughtful reading. The Alumni Memorial Library Building is open every week-day from 8.15 a. m. to 5 p. m., Sundays 2 to 4 p. m., and on appointed evenings during the week. Each student is permitted to take out two volumes at a time. Special arrangements have been made which enable students to obtain books from Philadelphia libraries.

The reading room is supplied with foreign and American periodicals. The shelves contain several thousand volumes for ready reference, encyclopedias, dictionaries, and other books for particular use. The following newspapers and periodicals appear on the files during the course of the year:

NEWSPAPERS.—The Public Ledger, The Philadelphia Record, Springfield Republican, The Allentown Morning Call, The Dearborn Independent, American Economist, Reformed Church Messenger, Reformed Church Record, Christian World, The Lutheran, Christian Work, Union Signal, and the local papers.

PERIODICALS.—The Atlantic Monthly, Scribner's Magazine, The Century Magazine, Harper's Magazine, The Bookman, The World's Work, The Contemporary Review, The Fortnightly Review, The Nineteenth Century and After, The North American Review, The Outlook, The Independent, The Nation, The Review of Reviews, The Survey, The Missionary Review, The Outlook of Missions, The Reformed Church Review, Modern Language Notes, German American Annals, Lectures Pour Tous, Daheim, Asia, Geographical Magazine, Bulletin of the Pan-American Union, The Scientific American, The American Naturalist, The Scientific Monthly, Forest Leaves, American Forestry, Farm Journal, Science, Political Science Quarterly, The American Journal of Sociology, Philosophical Review, Mind, The Psychological Review, The Psychological Bulletin, The Journal of Philosophy, The Classical Review, The American Historical Review, The Economic Bulletin, Educational Review, School and Society, Mental Hygiene, Social Hygiene, and a number of other periodicals.

THE SUMMER SESSION

The Summer Session of Ursinus College for the year 1924 will open on Monday, June 23, at 8 o'clock a. m., and close on Friday, August 1, at 12 o'clock noon.

ADMISSION

No examination is required for admission to the college preparatory courses offered in the Summer Session. The candidate must, however, satisfy the instructor that he is fitted to do the work of a course by submitting written evidence of his preparation in the form of term reports, certificates or official letters from approved schools or instructors.

Members of Ursinus College and of other colleges are admitted to collegiate courses in the Summer Session without examination. Graduates of approved academies, high schools and normal schools are admitted without examination to all courses for which they present certificates of preparation in the form prescribed by the Faculty of Ursinus College for admission to College. Blank forms for these certificates may be had on application to the Dean of the College. Other applicants must take the entrance examinations of the departments in which they wish to work.

INSTRUCTION

The instruction in the Summer Session is given by the professors who are the heads of the departments in the College, by instructors who are regular members of the Faculty and by assistants appointed by the Faculty.

While the organization of the work is favorable to rapid progress, the ruling ideal is thoroughness. Students are required to do the same work, and are graded and ranked according to the same standards as in the regular sessions of the College.

For a complete statement of the courses offered, see the Summer Session catalogue, published separately.

Ursinus College

CREDIT FOR WORK

Students admitted to the college courses in the Summer Session on certificate approved by the Faculty, or on examination, and who maintain a grade of A, B or C in their work will be given credit toward the degree of Bachelor of Arts or Bachelor of Science. Students who have pursued regular courses in the Summer Session and have passed the final examinations in the same, are granted certificates setting forth the work done and the grade attained.

TUITION AND FEES

Before entering the classes students must register at the Dean's office and pay their fees at the Treasurer's office. The fees are: Matriculation, \$5.00; Tuition, for the first two semester hours, \$12.00; for each additional semester hour, \$3.00. For each laboratory course a fee of \$6.00 is charged for use of apparatus and materials.

No matriculation fee is charged to students in Ursinus College or to students who have paid the fee in a former summer session.

ROOM AND BOARD

Rooms in the College buildings, completely furnished for student residence, have been set apart for the use of summer students. The charge for a room, including light and attendance, is \$3.00 per week. When two students arrange to occupy a room together, the charge will be divided between them. Each student supplies his own towels, two pairs of sheets for a single bed, a blanket and a bedspread. Bed clothing may be rented from the College for \$2.00 for the session of six weeks.

The regulations concerning the care of college property and the conduct of students are the same as in the regular sessions of the college.

Board may be obtained at the College Dining Hall for \$7.00 per week.

The special catalogue of the Summer Session may be had on application to the Dean of the College.

SATURDAY COURSES

Instruction is offered on Saturdays for students who cannot attend the regular classes. The way is thus opened for teachers to pursue college courses. The value of college work in conjunction with teaching is recognized by many school boards, the policy being not infrequently to advance the salaries of those who in this way increase their professional fitness. By combining work in the Summer Session and Saturday courses, it is possible for teachers in service to meet the requirements for graduation in from eight to ten years. A saving of time and expense, as well as a decided educational advantage, can be effected by attending the College as a regular student during the latter part of the course.

REGISTRATION

Students contemplating Saturday work should meet at the College to select courses of study and to register on the morning of the first Saturday of the academic year (see page 3, Calendar). Studies should be chosen with reference to their necessary sequence and such grouping of students is desirable as will yield the most economical organization of classes.

Saturday students are permitted to register for not more than eight semester hour units of work in any one year. This maximum amount of work requires that at least four hours of class-work per week be carried throughout the year. For requirements for graduation, see page 53.

TUITION

A matriculation fee of five dollars is charged each Saturday student who enters the institution for the first time.

The fees for instruction vary according to the number in the class from one dollar to two dollars an hour. No reduction is allowed on account of absence. To students who are obliged to withdraw, tuition will be remitted from the date of withdrawal. These items are payable on presentation of bills by the Treasurer at the beginning of each term.

LISTS OF STUDENTS

Abbreviations are used to designate residence halls as follows: F. H., Free-land Hall; D. H., Derr Hall; S. H., Stine Hall; Sh. H., Shreiner Hall; O. H., Olevian Hall; T. C., Trinity College, Mp., The Maples; G., Glenwood; So. H., South Hall.

STUDENTS IN THE COLLEGE

CLASSICAL GROUP

JOHN HOOVER BISBING.....	<i>Royersford</i>	.....	D. H.
			Royersford High School
CLAIR EUGENE BLUM.....	<i>York</i>	.....	Collegeville
			York High School
BARBARA CRANDALL BOSTON.....	<i>Philadelphia</i>	.....	Sh. H.
			West Philadelphia High School for Girls
SCOTT FRANCIS BRENNER.....	<i>Harmony</i>	.....	D. H.
			Zelienople High School
JOHN HENRY CAUSEY.....	<i>Harrisonburg, Va.</i>	...	Collegeville
			Catawba College
EDNA FRANCIS DETWEILER.....	<i>Chalfont</i>	.....	T. C.
			Doylestown High School
MARGARET RUTH EHLY.....	<i>Roxboro</i>	.....	O. H.
			Germantown High School
EDWIN NEFF FAYE, JR.....	<i>Philadelphia</i>	.....	F. H.
			Williamson Trade School
CLEGGIT EARL GARDNER.....	<i>Hagerstown, Md.</i>	....	Collegeville
			University of Maryland
SAMUEL GIVLER, JR.....	<i>Ephrata</i>	.....	Collegeville
			Franklin and Marshall College
DOROTHY MAY GROSS.....	<i>Malvern</i>	.....	O. H.
			Tredyffrin-Easttown High School
ALLEN CALVIN HARMAN.....	<i>Elizabethville</i>	.....	D. H.
			Lykens Valley Vocational School
PAUL GARMAN HASSLER.....	<i>Chambersburg</i>	.....	D. H.
			Cumberland Valley State Normal School
RAY PRESTON HESS.....	<i>Cherryville</i>	.....	Collegeville
			Lehigh Township High School
MARY NAOMI KISTLER.....	<i>Pennsburg</i>	.....	Sh. H.
			Irving College
LESTER CLAIR KOHR.....	<i>York</i>	.....	D. H.
			Moody Bible Institute

WILLARD ARTHUR KRATZ.....	<i>Chalfont</i>	F. H.
	Brown Preparatory School	
HARVEY MILLER LIGHT.....	<i>Lebanon</i>	Collegeville
	Lebanon High School	
OLIVER WILLIAM NACE.....	<i>Bangor</i>	D. H.
	Bangor High School	
RAY MAXWELL PAINE.....	<i>Lebanon</i>	D. H.
	Lebanon High School	
FREDERIC DONALD PENTZ.....	<i>Greencastle</i>	F. H.
	Greencastle High School	
WALTER SCOTT ROBINSON POWELL.....	<i>Alloway, N. J.</i>	D. H.
	Salem High School	
WEBSTER SCHULTZ STOVER.....	<i>Nazareth</i>	F. H.
	Nazareth High School	
EDWARD WILLIAM ULLRICH.....	<i>Hazleton</i>	D. H.
	Hazleton High School	
EDMUND PAUL WELKER.....	<i>Milton</i>	D. H.
	Milton High School	
ALBERT AUGUSTUS WELSH.....	<i>York</i>	S. H.
	York High School	
MARIAN LOUISE WERNER.....	<i>Bangor</i>	Mp.
	Bangor High School	

MATHEMATICAL GROUP

MILTON AGLEY.....	<i>Atlantic City, N. J.</i>	S. H.
	DeLand High School, Florida	
WILLIAM HENRY BROAD.....	<i>Pen Argyl</i>	Collegeville
	Pen Argyl High School	
LENA MAE CARL.....	<i>Spring City</i>	Mp.
	Spring City High School	
MALCOLM MORGAN DERK.....	<i>Trevorton</i>	S. H.
	Bloomsburg State Normal School	
MYRTLE IRENE DERR.....	<i>East Greenville</i> ..	East Greenville
	East Greenville High School	
WINIFRED EANES DERR.....	<i>Lansdale</i>	G.
	Lansdale High School	
GEORGE FAUST ERB.....	<i>Pottstown</i>	F. H.
	Pottstown High School	
EDITH REBECCA FETTERS.....	<i>West Chester</i>	O. H.
	West Chester High School	
FLORENCE MAY HALDERMAN.....	<i>Pottstown</i>	So. H.
	Juniata College	

Ursinus College

EDNA SHAFFER HARTER.....	<i>Nescopeck</i>	Mp.
	Bloomsburg State Normal School	
MARIAN MAY HERSHBERGER.....	<i>Lebanon</i>	O. H.
	Lebanon High School	
SARAH LORAH HINKLE.....	<i>Reading</i>	Sh. H.
	Reading High School for Girls	
MARY ELIZABETH HOLLOWAY.....	<i>Philadelphia</i>	O. H.
	West Philadelphia High School for Girls	
HELEN MARY JOHNSON.....	<i>Mauch Chunk</i>	Sh. H.
	Mauch Chunk High School	
HOWARD FRANKLIN JONES.....	<i>Lebanon</i>	F. H.
	Lebanon High School	
HENRY SOLOMON KAUFFMAN.....	<i>York</i>	S. H.
	York High School	
GEORGE W. ROYCE KIRKPATRICK....	<i>Conshohocken</i>	D. H.
	Drexel Institute	
MARY LUCILLE KNIPE.....	<i>Limerick</i>	Limerick
	Collegeville High School	
GEORGE WALTON KOCH.....	<i>Conshohocken</i>	S. H.
	Conshohocken High School	
CLARENCE RUSSELL KRATZ.....	<i>Schwenksville</i>	Schwenksville
	Perkiomen School	
MARGARET OLIVE KUNTZ.....	<i>Lehigh</i>	G.
	Muhlenberg College	
RICHARD LOOSE LAUDENSLAGER....	<i>Schwenksville</i>	Schwenksville
	Perkiomen School	
FORREST LESTER LENKER.....	<i>Elizabethville</i>	S. H.
	Millersburg High School	
JOHN GILBERT MALONE.....	<i>Delta</i>	Collegeville
	Delta High School	
ALICE REBECCA MILLER.....	<i>Juniata</i>	Mp.
	Juniata High School	
SYDNEY ELIZABETH MYERS.....	<i>Doylestown</i>	Collegeville
	Doylestown High School	
ROSCOE ALVIN PETERS.....	<i>Slatington</i>	Collegeville
	Slatington High School	
EMMA SALOME ROEDER.....	<i>East Greenville</i>	Sh. H.
	Perkiomen School	
FRED VINCENT ROEDER.....	<i>East Greenville</i> ...	East Greenville
	East Greenville High School	
MABEL SCHAEFFER ROTHERMEL....	<i>Fleetwood</i>	Sh. H.
	Fleetwood High School	

MARIA CATHARINE SHUPP.....	<i>Mauch Chunk</i>	Sh. H.
	Mauch Chunk High School	
HARRIET PEYTON SMITH.....	<i>Mahanoy City</i>	G.
	Mahanoy Township High School	
FRANK EMERICK STRINE.....	<i>Milton</i>	S. H.
	Milton High School	
RUTH MIRIAM SUTCLIFFE.....	<i>Spring City</i>	O. H.
	Spring City High School	
DOROTHY MAY THREAPLETON.....	<i>Philadelphia</i>	Sh. H.
	Germantown High School	
BERTHA CAROLINE WEAVER.....	<i>Philadelphia</i>	Sh. H.
	Germantown High School	
RUTH ARLETTA WELDEN.....	<i>Darby</i>	Sh. H.
	Darby High School	
HARRY LLOYD WHITE.....	<i>Lebanon</i>	F. H.
	Lebanon Valley College	
KATHRYN MARY WHITE.....	<i>Shillington</i>	O. H.
	Shillington High School	
GEORGE WASHINGTON S. ZELLEY....	<i>Norristown</i>	Norristown
	Norristown High School	

CHEMICAL-BIOLOGICAL GROUP

BENJAMIN FRANKLIN ARNOLD.....	<i>York, R. D. 2</i>	D. H.
	York County Academy	
PAUL WESLEY BARE.....	<i>Philadelphia</i>	Collegeville
	Hahnemann Medical College	
WARREN FLACK BIETSCH.....	<i>Chambersburg</i>	S. H.
	Chambersburg High School	
CHARLES EUGENE BOWERMAN.....	<i>Norristown</i>	F. H.
	Norristown High School	
WILLIAM MORTIMER D. BRYANT...	<i>Hendricks</i>	Hendricks
	Perkiomen School	
HOPE CONSTANCE DIETRICH.....	<i>Atlantic City, N. J.</i>	O. H.
	Atlantic City High School	
SHERMAN ALFRED EGER.....	<i>Reading</i>	S. H.
	Reading High School	
JOHN WILLIAM MCKEE ELDON....	<i>Altoona</i>	Collegeville
	Washington and Lee University	
JOHN GOOD EVANS.....	<i>Delta</i>	Collegeville
	Delta High School	
ALDES ALDERFER FRANTZ.....	<i>New Oxford</i>	F. H.
	Gettysburg Academy	

Ursinus College

SHERMAN FULMER GILPIN.....	<i>Philadelphia</i>	D. H.
	West Philadelphia High School	
OREN WILLARD GUNNET.....	<i>Bair</i>	F. H.
	Spring Grove High School	
MARY ADELAIDE HATHAWAY.....	<i>Toms River, N. J.</i>	Sh. H.
	Toms River High School	
JACOB ELDRON HENDRICKS.....	<i>Quakertown</i>	Collegeville
	Quakertown High School	
ELMER CHARLES HERBER.....	<i>New Tripoli, R. D. 2</i>	D. H.
	Muhlenberg College	
CARL MILTON HIGH.....	<i>Reading</i>	D. H.
	Schuylkill Seminary	
OWEN ARTHUR HOAGLAND.....	<i>Richardson Park, Del.</i>	F. H.
	Alexis I. du Pont High School	
JOHN AUGUST JAMACK.....	<i>Hazleton</i>	F. H.
	Hazleton High School	
OWEN ROBERT JONES.....	<i>Philadelphia</i>	Collegeville
	Perkiomen School	
HENRY DOLSON LAWRENCE.....	<i>Glenside</i>	S. H.
	Temple University High School	
CHARLES EARL LINCK.....	<i>Berwyn</i>	S. H.
	Tredyffrin-Easttown High School	
SAMUEL SMITH McLAUGHLIN.....	<i>Summit Hill</i>	F. H.
	Perkiomen School	
JOHN CLEMENS MARKLEY.....	<i>Zieglerville</i>	Zieglerville
	Lehigh University	
EUGENE KENNETH MILLER.....	<i>Elizabethville</i>	D. H.
	Millersburg High School	
STANLEY JOSEPH MILLER.....	<i>St. Clair</i>	Collegeville
	Pottsville High School	
WILLARD MAHLON MILLER.....	<i>Gilbert</i>	F. H.
	Polytechnic Institute	
RUSSELL LOWELL MOYER.....	<i>Freeburg</i>	S. H.
	Susquehanna University	
STANLEY MOHR MOYER.....	<i>Quakertown</i>	S. H.
	Quakertown High School	
AXEL RUDOLPH NELSON.....	<i>Hauto</i>	D. H.
	Nesquehoning High School	
MORTON JOSEPH OPPENHEIMER.....	<i>Glenside</i>	F. H.
	Germantown High School	
JOHN CALVIN PISCATOR.....	<i>Philadelphia</i>	S. H.
	Brown Preparatory School	

Lists of Students

ALVIN SWEISFORD RICHARDS.....	<i>Zieglerville</i>	.....Zieglerville
	Perkiomen School	
WILLIAM H. M. SCHMUCK.....	<i>Norristown</i>	.....Norristown
	Norristown High School	
JAMES FRANKLIN SELLERS.....	<i>Greencastle</i>	.....S. H.
	Greencastle High School	
DANIEL AUSTIN SINCLAIR.....	<i>Conshohocken, R. D. 2</i>	Collegeville
	Conshohocken High School	
FERDINAND COMFORT SOMMER.....	<i>Hollidaysburg</i>	.....F. H.
	Hollidaysburg High School	
DAVID STEVENSON.....	<i>Hazleton</i>	.....F. H.
	Hazleton High School	
BENJAMIN NORMAN STULL.....	<i>Philadelphia</i>	.....Collegeville
	Brown Preparatory School	
H. JANE TRAIN.....	<i>Philadelphia</i>	.....Philadelphia
	Philadelphia College of Pharmacy and Science	
HAROLD LEROY TREXLER.....	<i>Trexler</i>	.....Collegeville
	Keystone State Normal School	
MOLLY VINE.....	<i>Trenton, N. J.</i>	.....T. C.
	Trenton High School	
ANNA MARIE WALTER.....	<i>Wooster, Ohio</i>	.....T. C.
	Wooster College	
BERNARD RALPH WAYMAN, JR.	<i>Trenton, N. J.</i>	.....F. H.
	Trenton High School	
RUTH BITZER WINGER.....	<i>Ephrata</i>	.....Mp.
	Hillside Preparatory School	
CHARLES HAWK WINGERT.....	<i>Punxsutawney</i>	.....F. H.
	Punxsutawney High School	
CHARLES WESLEY YAUKEY.....	<i>Waynesboro</i>	.....D. H.
	Waynesboro High School	

HISTORICAL-POLITICAL GROUP

WILLIAM ROBERT BAKER.....	<i>Stowe</i>	.....S. H.
	Bucknell University	
RUSSELL THOMPSON BOICE.....	<i>Paulsboro, N. J.</i>	.....F. H.
	Paulsboro High School	
LESTER LEE BURDAN.....	<i>Pottstown</i>	.....D. H.
	Pottstown High School	
GEORGE W. T. CHRISTMAN.....	<i>Pottstown</i>	.....Pottstown
	Juniata College	
THOMAS CLARK.....	<i>Darby</i>	.....D. H.
	Darby High School	

Ursinus College

HARRY LEROY CORSON.....	<i>Bridgeton, N. J.</i>	Collegeville Bridgeton High School
ALLEN EUGENE DEAL.....	<i>White Haven</i>	D. H. White Haven High School
RICHARD FEISER DEITZ.....	<i>York</i>	S. H. York High School
LLOYD RAYMOND ENOCH.....	<i>Reading</i>	F. H. Schuylkill Seminary
FRANCIS CARPENTER EVANS.....	<i>Lebanon</i>	D. H. Lebanon High School
ABEL KENNETH FINK.....	<i>Phoenix</i>	F. H. West Philadelphia High School
SYLVAN MAXWELL FLITTER.....	<i>Philadelphia</i>	S. H. Frankford High School
PAUL ELLIOT GALLAGHER.....	<i>Paulsboro, N. J.</i>	F. H. Norristown High School
HENRY COSTILL GOTSHALK.....	<i>Trenton, N. J.</i>	D. H. Trenton High School
RAYMOND MAURICE HEDRICK.....	<i>Phoenixville, R. D. 1</i>	Phoenixville Phoenixville High School
RALPH EBY HEIGES.....	<i>Shippensburg</i>	D. H. Cumberland Valley State Normal School
CYRIL CECIL HELFFRICH.....	<i>Bath</i>	S. H. Mercersburg Academy
HOWARD TILGHMAN HERBER.....	<i>New Tripoli</i>	D. H. Keystone State Normal School
JOSEPH WALTER HOLMAN.....	<i>Phoenixville</i>	Collegeville Phoenixville High School
CHARLES HUNSICKER.....	<i>Norristown</i>	D. H. Franklin and Marshall Academy
DAVID ALFRED KERN.....	<i>Slatington</i>	S. H. Slatington High School
GERALD DOUGLAS LEVENGOD.....	<i>Pottstown, R. D. 5</i>	Collegeville Pottstown High School
KENNETH HEFFNER LONG.....	<i>Red Lion</i>	S. H. East Stroudsburg State Normal School
ALVIN LINCOLN LOUX.....	<i>Souderton</i>	Collegeville Souderton High School
EDWARD ABRAHAM MANN.....	<i>Norristown</i>	F. H. Norristown High School
EUGENE BACHMAN MICHAEL.....	<i>Philadelphia</i>	S. H. Northeast High School

Lists of Students

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CHARLES HERBERT MILLER.....	<i>Collegeville</i>	Collegeville
	Collegeville High School		
CHARLES JOHN MILLER.....	<i>Seaside Park, N. J.</i>		F. H.
	Toms River High School		
EUGENE KENNETH MILLER.....	<i>Elizabethville</i>		D. H.
	Millersburg High School		
S. LEONARD MILLER.....	<i>Pottstown</i>		D. H.
	Pottstown High School		
WILLIAM H. K. MILLER.....	<i>Silverdale</i>		S. H.
	Hilltown High School		
JAMES ROY OBERHOLTZER.....	<i>East Greenville</i>	...	East Greenville
	East Greenville High School		
SAMUEL ABNER REIMERT.....	<i>Allentown</i>		F. H.
	Mercersburg Academy		
WILLIAM DANIEL REIMERT.....	<i>Allentown</i>		S. H.
	Mercersburg Academy		
ROBERT PAUL RENSCH.....	<i>Chambersburg</i>		S. H.
	Chambersburg High School		
WILLARD SELL ROSENBERGER.....	<i>Philadelphia</i>		D. H.
	Temple University		
OLIVER EUGENE ROUSH.....	<i>Mifflintown</i>		F. H.
	Mifflintown High School		
JOSEPH DANIEL SAYLOR.....	<i>Schwenksville</i>		Schwenksville
	Collegeville High School		
HENRY BACH SELLERS.....	<i>Perkasie</i>		S. H.
	Drexel Institute		
DAVID ERNEST SHELLEY.....	<i>Lancaster</i>		Collegeville
	Lancaster High School		
ALVIN FRANK SIEBER, JR.	<i>McKeesport</i>		D. H.
	McKeesport High School		
FRANCIS GILBERT STERNER.....	<i>Collegeville</i>		Collegeville
	Collegeville High School		
LOUIS IRA VANAMAN.....	<i>Bridgeton, N. J.</i>		Collegeville
	Bridgeton High School		
JOHN WILSON WELDEN.....	<i>Darby</i>		D. H.
	Darby High School		
PAUL PHILIP WISLER.....	<i>Norristown</i>		Collegeville
	Norristown High School		
ROLAND DETWILER WISMER.....	<i>Norristown</i>		D. H.
	Pennsylvania State College		
LLOYD HOBART WOOD.....	<i>Collegeville</i>		Collegeville
	Central High School, Winchester, Tenn.		

Ursinus College

ENGLISH-HISTORICAL GROUP

VICTOR WILLIAM BAKER.....	<i>Alexandria</i>	Collegeville Juniata College
MILDRED HELEN BARTH.....	<i>Boyertown</i>	Mp. Albright College
KATHRYN STINSON BEATTIE.....	<i>Wyndmoor</i>	Sh. H. Brown Preparatory School
MARYETTA ELIZABETH BEDDOW....	<i>Minersville</i>	Mp. Minersville High School
ALICE EMILY BERGER.....	<i>Schulykill Haven</i>	Mp. Schuylkill Haven High School
REDA ELIZABETH BLEISTEIN.....	<i>Lebanon</i>	O. H. Lebanon High School
ANNA CHRISTINE BORKEY.....	<i>Reading</i>	Mp. Albright College
NETTIE BOWMAN BOYER.....	<i>Slatington</i>	Sh. H. Slatington High School
EDWARD RUTLEDGE COOK.....	<i>Philadelphia</i>	D. H. Temple University School of Theology
ALVIN WALLACE COPPER.....	<i>Philadelphia</i>	F. H. Brown Preparatory School
RUTH PAULINE DEIBERT.....	<i>Gilbert</i>	So. H. Polytechnic Institute
MIRIAM FENSTERMACHER EHRET...	<i>Bethlehem</i>	Mp. Bethlehem High School
ESTHER LYDIA EMLET.....	<i>Hanover</i>	Collegeville Hanover High School
REBECCA REINHART ENGEL.....	<i>Shoemakersville</i>	Mp. Keystone State Normal School
RUTH ELIZABETH EPPEHIMER....	<i>Spring City</i>	Mp. Spring City High School
HELEN TERRY FARES.....	<i>Philadelphia</i>	G. West Philadelphia High School for Girls
CHARLES ARTHUR GEORGE.....	<i>W. Pittston</i>	Collegeville Pennsylvania State College
NATHALIE ELIZABETH GRETTON....	<i>Trenton, N. J.</i>	T. C. Trenton High School
HESTER MILDRED HEILMAN.....	<i>York</i>	Sh. H. York High School
RUTH ELEANOR HEPPE.....	<i>Aldan</i>	T. C. Upper Darby High School

Lists of Students

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MARGARET HOCKER.....	<i>Philadelphia</i>	Collegeville Germantown High School
MARY AGNES HUMPHREYS.....	<i>Wilmington, Del., R. D.</i>	O. H. Alexis I. du Pont High School
HELEN FRANCES ISENBERG.....	<i>Dayton, Ohio</i>	Sh. H. Philadelphia High School for Girls
MERLE ANNA JENKINS.....	<i>Minersville</i>	Mp. Minersville High School
ISABEL MAY JOHNSON.....	<i>Highland Park</i>	T. C. Upper Darby High School
MAGDALENE AMANDA KERN.....	<i>Slatington</i>	G. Slatington High School
PEARL CLAIRE KIMES.....	<i>Spring City</i>	So. H. Spring City High School
RUTH MOSER KISTLER.....	<i>Allentown</i>	Sh. H. Allentown High School
BLANCHE JOSEPHINE KRATZ.....	<i>Collegeville</i>	Collegeville Collegeville High School
RUTH KETURAH KUDER.....	<i>Macungie</i>	Sh. H. Keystone State Normal School
RUTH ALICE KULP.....	<i>Pottstown</i>	Sh. H. Pottstown High School
BERNICE LEO.....	<i>Williamstown</i>	O. H. Williamstown High School
EVELYN ARLENE LESSER.....	<i>Freeland</i>	O. H. Freeland High School
HATTIE ARGELA McCABE.....	<i>Selbyville, Del.</i>	Sh. H. Selbyville High School
MARY AGNES MARQUARDT.....	<i>Pottsville</i>	Collegeville Albright College
EDNA MAE MARTIN.....	<i>Hanover</i>	Mp. Coe College
MIRIAM MICHELSON.....	<i>Trenton, N. J.</i>	T. C. Trenton High School
MARGARET DELFRETA MILLER.....	<i>Bangor</i>	Mp. West Chester State Normal School
LILLIAN BROOKE MOSER.....	<i>Pottstown, R. D. 4</i>	Mp. Pottstown High School
MIRIAM BUCKWALTER MOYER.....	<i>Trappe</i>	Trappe Collegeville High School
ANNA AMANDA NELSON.....	<i>Elizabeth, N. J.</i>	O. H. Elizabeth-Battin High School

Ursinus College

ISABELLE RYDER NELSON.....	<i>Norristown</i>	Norristown
		Norristown High School
RUTH MIRIAM NICKEL.....	<i>Souderton</i>	Mp.
		Souderton High School
BERNACE NUTE.....	<i>Franklinville, N. J.</i>	Mp.
		Pierce School
ISABELLE HOFFMAN RADCLIFFE.....	<i>Philadelphia</i>	O. H.
		West Philadelphia High School for Girls
KATHRYN GRACE REIMERT.....	<i>Allentown</i>	Mp.
		Allentown High School
MABEL ROHRER.....	<i>Lancaster</i>	Mp.
		Millersville State Normal School
BEATRICE EMMA SHAFER.....	<i>Lehighton</i>	Sh. H.
		Lehighton High School
CATHARINE ELIZABETH SHIPE.....	<i>Sunbury</i>	Sh. H.
		Sunbury High School
ANNA ROMAINÉ SHOEMAKER.....	<i>Parkesburg</i>	Sh. H.
		Parkesburg High School
BEATRICE CORSON SHREVE.....	<i>Glassboro, N. J.</i>	O. H.
		Glassboro High School
KATHRYN ANNA SHUTT.....	<i>Hanover</i>	Collegeville
		Hanover High School
MORRIS DETWEILER SLIFER.....	<i>Quakertown, R. D. 3</i>	D. H.
		Quakertown High School
ESTHER MILLER SLOTTERER.....	<i>Collegeville</i>	Collegeville
		Collegeville High School
MILDRED SPENCER.....	<i>Swarthmore</i>	Mp.
		Swarthmore High School
EDITH EVA STAUDT.....	<i>Wernersville</i>	Mp.
		Keystone State Normal School
RUTH SANIA STETTLER.....	<i>Slatington</i>	G.
		Slatington High School
KATHERINE ALMA STEVENSON.....	<i>Clifton Heights</i>	G.
		Lansdowne High School
ADELINÉ LOUISE THOMAS.....	<i>Brunswick, Md.</i>	Sh. H.
		Brunswick High School
KATHRYN ELNORE THOMAS.....	<i>York</i>	G.
		York High School
GRACE WILLA TROUT.....	<i>Pottstown</i>	Mp.
		Pottstown High School
EDWARDINE ELIZABETH TYSON.....	<i>Limerick</i>	Limerick
		Collegeville High School

ELIZABETH VAN HOESEN VAUGHAN.	<i>Philadelphia</i>	T. C.
	West Philadelphia High School for Girls	
HELEN ELIZABETH WAGNER.	<i>Wilmington, Del.</i>	Sh. H.
	Reading High School for Girls	
ELLA WILCOX WATKINS.	<i>Nesquehoning</i>	Sh. H.
	Nesquehoning High School	
JANICE JUNE WEIGLEY.	<i>Schaefferstown</i>	T. C.
	Albright College	
VIVIAN HOFF WISMER.	<i>Collegeville</i>	Collegeville
	Collegeville High School	
STELLA CATHARINE ZARTMAN.	<i>Wernersville</i>	Mp.
	Albright College	

MODERN LANGUAGE GROUP

GERTRUDE MARGARET BAUER.	<i>Collegeville</i>	Collegeville
	Collegeville High School	
ELLA MAE DEETZ.	<i>Green Lane</i>	Green Lane
	University of Pennsylvania	
MARY MISSIMER GARBER.	<i>Pottstown</i>	Mp.
	Pottstown High School	
JEANNE GIFFORD GILBERT.	<i>Haddonfield, N. J.</i>	G.
	Haddonfield High School	
DOROTHY EDNA GREBE.	<i>Royersford</i>	Royersford
	Royersford High School	
HELEN ELIZABETH GRONINGER.	<i>Laureldale</i>	O. H.
	Reading High Schools for Girls	
DOROTHEA LOUISE HAELIG.	<i>Bound Brook, N. J.</i>	Sh. H.
	Bound Brook High School	
EVELYN KATHRYN HAIGES.	<i>White Haven</i>	Collegeville
	White Haven High School	
RUTH KATHLEEN HEISLER.	<i>Reading</i>	Collegeville
	Reading High Schools for Girls	
GRACE IRENE KAUFFMAN.	<i>Lehighton</i>	Sh. H.
	Lehighton High School	
ARLENE TAWILLA KRESGE.	<i>Freeland</i>	O. H.
	Freeland High School	
MARGARET MURRAY MILLS.	<i>Haddonfield, N. J.</i>	Collegeville
	Haddonfield High School	
SALLIE BELLE MOSSER.	<i>Shillington</i>	G. H.
	Shillington High School	
RALSTON GODSHALL OBERHOLTZER.	<i>Boyertown</i>	F. H.
	Boyertown High School	

Ursinus College

HELEN ELIZABETH ORT.....	<i>York</i>	.....	Mp.
	York High School		
ELWOOD CALVIN PETERS.....	<i>Nescopeck</i>	.....	F. H.
	Nescopeck High School		
ELIZABETH WEIKEL POLEY.....	<i>Royersford</i>	.....	Sh. H.
	Royersford High School		
JULIA ELIZABETH SHUTACK.....	<i>Nesquehoning</i>	.....	G.
	Nesquehoning High School		
ELIZABETH JUSTICE SMITH.....	<i>Pedricktown, N. J.</i>	.....	T. C.
	Penns Grove High School		
HELEN MAE WALBERT.....	<i>Allentown</i>	.....	Collegeville
	Albright College		
MARGARET AMELIA YOST.....	<i>Collegeville</i>	.....	Collegeville
	Collegeville High School		
ESTHER MAE YOUNDT.....	<i>Adamstown</i>	.....	Mp.
	Ephrata High School		
MIRIAM GRACE ZAUGG.....	<i>Wooster, Ohio</i>	.....	T. C.
	Wooster College		

ECONOMICS AND BUSINESS ADMINISTRATION GROUP

EVA ELLEN ALGER.....	<i>Swarthmore</i>	.....	G.
	Swarthmore High School		
CHESTER LOUIS BRACHMAN.....	<i>Tamaqua</i>	.....	D. H.
	Tamaqua High School		
DAVID EVANS BROWN.....	<i>Newark, N. J.</i>	.....	F. H.
	Barringer High School		
EARL HAINES BURGARD.....	<i>East Berlin</i>	.....	Collegeville
	Cumberland Valley State Normal School		
PHEBE CORNOG.....	<i>Ithan</i>	.....	T. C.
	Radnor High School		
JAMES VINCENT COSMAN.....	<i>Paterson, N. J.</i>	.....	D. H.
	Paterson High School		
MARY WACK DRISSEL.....	<i>Lansdale</i>	.....	Sh. H.
	Lansdale High School		
SAMUEL GOODWIN ECKERD.....	<i>Darby</i>	.....	D. H.
	University of Pennsylvania		
ELIZABETH UMSTEAD EVANS.....	<i>Lebanon</i>	.....	T. C.
	Lebanon High School		
W. E. PRESTON HAAS.....	<i>Philadelphia</i>	.....	F. H.
	Brown Preparatory School		
CHARLES GROVE HAINES.....	<i>Abbottstown</i>	.....	Collegeville
	Hanover High School		

Lists of Students

GEORGE HENRY HAINES.....	<i>Abbottstown</i>	Collegeville
Cumberland Valley State Normal School		
DOROTHY ELIZABETH HAMILTON....	<i>Philadelphia</i>	O. H.
Kensington High School		
ROBERT MACALLISTER HENKELS....	<i>Philadelphia</i>	F. H.
Germantown Academy		
WALTER VICTOR MOLITOR.....	<i>Swedesboro, N. J.</i>	Collegeville
Woodbury High School		
WATSON STEELMAN MORSS.....	<i>Philadelphia</i>	F. H.
Germantown High School		
ETHEL BLANCHE PAUFF.....	<i>Nesquehoning</i>	Sh. H.
Nesquehoning High School		
MACDONNELL ROEHM.....	<i>York</i>	D. H.
York High School		
FERNLY YOCOM RUTTER.....	<i>Pottstown</i>	S. H.
Pennsylvania State College		
CLAUDE VINCENT SCHOENLY.....	<i>East Greenville</i> ..	East Greenville
East Greenville High School		
EARL ALBERT SKINNER.....	<i>Media</i>	F. H.
Media High School		
WILLIAM BROWER STAFFORD, JR. ...	<i>Royersford</i>	D. H.
Royersford High School		
MARY ELIZABETH STICHLER	<i>Reading</i>	Mp.
Mt. Penn High School		
WILLIAM HARRY WALLACE, JR.	<i>York</i>	F. H.
York High School		
GORDON WESLEY WILLIAMS	<i>Bangor</i>	S. H.
Bangor High School		

STUDENTS IN THE SUMMER SESSION

CHARLES ROBISON ALLEN.....	<i>Philadelphia</i>	F. H.
	Mathematics	
BENJAMIN F. ARNOLD.....	<i>York, R. D. 2</i>	F. H.
	Ethics, Mathematics	
ELEANOR ROBERTS BLAKE.....	<i>Norristown</i>	Norristown
	French	
WALLACE S. BREY.....	<i>Schwenksville</i>	Schwenksville
	Education, Mathematics	
GEORGE W. T. CHRISTMAN.....	<i>Pottstown, R. D. 3</i>	Pottstown
	Spanish, Education	
SAMUEL LOUIS CORNISH.....	<i>Collegeville</i>	Collegeville
	Education, Psychology	
ELLEN STEPHENS DAVIS.....	<i>Norristown</i>	Norristown
	Ethics, Education	
ELLA M. DEETZ.....	<i>Green Lane</i>	Green Lane
	Spanish	
MARIETTE B. DIMON.....	<i>Philadelphia</i>	Collegeville
	Music	
ELLA GERALDINE EBERT.....	<i>Collegeville</i>	Collegeville
	Ethics, Psychology	
KATHRYN A. FARRAR.....	<i>Norristown</i>	Norristown
	Music, Education	
SHERMAN FULMER GILPIN.....	<i>Philadelphia</i>	F. H.
	Music, Spanish	
ARPAD J. F. GOEZEL.....	<i>Perkiomenville</i>	Perkiomenville
	Mathematics, French	
HORACE C. GOTTSALL.....	<i>Ironbridge</i>	Ironbridge
	Mathematics, Psychology, Music	
FLORENCE MAY HALDERMAN.....	<i>Pottstown</i>	So. H.
	Ethics, Mathematics	
ERNEST ANDERS HEEBNER.....	<i>Norristown, R. D. 2</i>	Norristown
	Latin, Education	
EDWIN S. HELLER.....	<i>Kingston</i>	F. H.
	French, Ethics	
ELMER CHARLES HERBER.....	<i>New Tripoli, R. D. 2</i>	F. H.
	Latin, Education	
HOWARD T. HERBER.....	<i>New Tripoli, R. D. 2</i>	F. H.
	Latin, French	
ANNA FRANCES HOOVER.....	<i>Music</i>	So. H.
	Music	

Lists of Students

MARY ELIZABETH HORNING.....	<i>Royersford, R. D. 2</i>	...Royersford
Ethics, Education		
OSCAR M. JOHNSON.....	<i>Creamery</i>	.....Creamery
Ethics, Education		
MARY NAOMI KISTLER.....	<i>Pennsburg</i>	.....Pennsburg
Mathematics, Education		
MARY ELIZABETH KRAUSE.....	<i>Pottstown</i>	.....Pottstown
Music		
DANIEL B. KULP.....	<i>Pottstown</i>	.....Pottstown
Mathematics, Education		
MARION B. KULP.....	<i>Green Lane</i>	.....Green Lane
Mathematics, Psychology		
GRACE LATSHAW.....	<i>Royersford</i>	.....Royersford
Mathematics, Psychology		
KENNETH HOFFMAN LONG.....	<i>Red Lion</i>	.....Red Lion
French		
MAUDE T. MCHARG.....	<i>Norristown R. D. 1</i>	.....Norristown
Mathematics, Education		
MILDRED DOROTHY MAGER.....	<i>Milford, Conn.</i>	.....T. C.
Spanish		
MRS. KATIE MECK.....	<i>Spring Mount</i>	.....Spring Mount
Mathematics, Psychology		
ELIZABETH KATHERINE MILLER.....	<i>Pottstown</i>	.....Pottstown
Music, Psychology		
ROWLAND H. MULFORD.....	<i>Bridgeton, N. J.</i>	.....F. H.
Mathematics, Psychology		
RALSTON GODSHALL OBERHOLTZER.....	<i>Boyertown</i>	.....F. H.
Mathematics, Education		
MARION LENORE RAKERD.....	<i>Norristown</i>	.....Norristown
Mathematics, Psychology		
DOROTHY REES.....	<i>Allentown</i>	.....T. C.
Music		
ROBERT P. RENSCH.....	<i>Chambersburg</i>	.....F. H.
Education, Ethics		
KATHRYN N. ROTH.....	<i>Schwenksville</i>	.....Schwenksville
Education, Ethics		
MABEL SCHAEFFER ROTHERMEL.....	<i>Fleetwood</i>	.....T. C.
Mathematics, Education		
OLIVER K. SCHWENK.....	<i>Schwenksville</i>	.....Schwenksville
Mathematics		
EDITH EVA STAUDT.....	<i>Wernersville</i>	.....T. C.
French, Ethics		

Ursinus College

HAROLD L. STEARNS.....	<i>Starrucca</i>	F. H. Psychology, Ethics
KATHERINE ALMA STEVENSON.....	<i>Clifton Heights</i>	So. H. Psychology, Education
IRA W. TEATS.....	<i>Norristown</i>	Norristown Mathematics, Psychology
EDWIN T. UNDERCUFFLER.....	<i>Collegeville</i>	Collegeville Music
SALOME G. WAGNER.....	<i>Spring City</i>	Spring City Music
RHEA ELIZABETH WEBB.....	<i>Shippensburg</i>	T. C. Psychology, Ethics
HARRY LLOYD WHITE.....	<i>Lebanon</i>	F. H. French
GLADYS WILLIAMS.....	<i>Perkasie</i>	T. C. Psychology, Ethics
LLOYD H. WOOD.....	<i>Collegeville</i>	Collegeville Education, Ethics, Music
STELLA CATHARINE ZARTMAN.....	<i>Wernersville</i>	T. C. Spanish, French

STUDENTS IN MUSIC

Pursuing College Courses

GERTRUDE MARGARET BAUER.....	<i>Collegeville</i>	Collegeville
ELLA MAE DEETZ.....	<i>Green Lane</i>	Green Lane
MARY WACK DRISSEL.....	<i>Lansdale</i>	Sh. H.
MIRIAM FENSTERMACHER EHRET.....	<i>Bethlehem</i>	Mp.
EDWIN NEFF FAYE, JR.	<i>Philadelphia</i>	F. H.
JEANNE GIFFORT GILBERT	<i>Haddonfield, N. J.</i>	G.
DOROTHY ELIZABETH HAMILTON.....	<i>Philadelphia</i>	O. H.
RUTH KATHLEEN HEISLER.....	<i>Reading</i>	Collegeville
ROBERT MACALLISTER HENKELS.....	<i>Philadelphia</i>	F. H.
RUTH ELEANOR HEPPE.....	<i>Aldan</i>	T. C.
HELEN MARY JOHNSON.....	<i>Mauch Chunk</i>	Sh. H.
RUTH KETURAH KUDER.....	<i>Macungie</i>	Sh. H.
MARGARET OLIVE KUNTZ.....	<i>Lehighton</i>	G.
BERNICE LEO.....	<i>Williamstown</i>	O. H.
LILLIAN BROOKE MOSER.....	<i>Pottstown</i>	Mp.
SALLIE BELLE MOSSER.....	<i>Shillington</i>	G.
HELEN ELIZABETH ORT.....	<i>York</i>	Mp.
ETHEL BLANCHE PAUFF.....	<i>Nesquehoning</i>	Sh. H.
MILDRED SPENCER	<i>Swarthmore</i>	Mp.
KATHERINE ALMA STEVENSON.....	<i>Clifton Heights</i>	G.
ADELINE LOUISE THOMAS.....	<i>Brunswick, Md.</i>	Sh. H.
KATHRYN ELNORE THOMAS.....	<i>York</i>	G.
HELEN ELIZABETH WAGNER.....	<i>Wilmington, Del.</i>	Sh. H.
ELLA WILCOX WATKINS.....	<i>Nesquehoning</i>	Sh. H.
BERTHA CAROLINE WEAVER.....	<i>Philadelphia</i>	Sh. H.
MARGARET AMELIA YOST.....	<i>Collegeville</i>	Collegeville
MIRIAM GRACE ZAUGG.....	<i>Wooster, Ohio</i>	T. C.
GEORGE WASHINGTON S. ZELLEY.....	<i>Norristown</i>	Norristown

Receiving Private Instruction Only

MARYETTA ELIZABETH BEDDOW.....	<i>Minersville</i>	Mp.
EDNA FRANCES DETWEILER.....	<i>Chalfont</i>	T. C.
WINIFRED EANES DERR.....	<i>Lansdale</i>	G.
DONALD EBERT.....	<i>Collegeville</i>	Collegeville
MARGARET RUTH EHLY.....	<i>Roxboro</i>	O. H.
CHARLES ARTHUR GEORGE.....	<i>Pittston</i>	Collegeville
SHERMAN FULMER GILPIN.....	<i>Philadelphia</i>	D. H.
MARY MISSIMER GARBER.....	<i>Pottstown</i>	Mp.
MARTINE HARTMAN	<i>Sumneytown</i>	Sumneytown

Ursinus College

ESTHER HEDRICK.....	<i>Phoenixville, R. D. 1</i>	Phoenixville
SARAH LORAH HINKLE.....	<i>Reading</i>	Sh. H.
MARY ELIZABETH HOLLOWAY.....	<i>Philadelphia</i>	O. H.
GRACE IRENE KAUFFMAN.....	<i>Lehighton</i>	Sh. H.
MARY LUCILLE KNIPE.....	<i>Limerick</i>	Limerick
RUTH MOSER KISTLER.....	<i>Allentown</i>	Sh. H.
MIRIAM ELIZABETH KUTZ.....	<i>Allentown</i>	Collegeville
ALICE REBECCA MILLER.....	<i>Juniata</i>	Mp.
ESTHER MILLER.....	<i>Trappe</i>	Trappe
EVELINE OMWAKE	<i>Collegeville</i>	Superhouse
RAY MAXWELL PAINE.....	<i>Lebanon</i>	D. H.
GRACE ALICE POLEY.....	<i>Limerick</i>	Limerick
ELIZABETH WEIKEL POLEY.....	<i>Royersford</i>	Sh. H.
CLAYTON REGAR.....	<i>Collegeville</i>	Collegeville
BEATRICE EMMA SHAFER.....	<i>Lehighton</i>	Sh. H.
EMMA TOWER.....	<i>Collegeville</i>	Collegeville
ANNA MARIE WALTER.....	<i>Wooster, Ohio</i>	T. C.
JANICE JUNE WEIGLEY.....	<i>Schaefferstown</i>	T. C.
KATHRYN MARY WHITE.....	<i>Shillington</i>	O. H.
ESTHER MAE YOUNDT.....	<i>Adamstown</i>	Mp.

DIRECTORY OF STUDENTS

The italic letters set opposite the name indicate the group or department to which the student belongs; *Cl.*, Classical group; *M.*, Mathematical group; *C-B.*, Chemical-Biological group; *H-P.*, Historical-Political group; *E-H.*, English-Historical group; *M-L.*, Modern Language group; *E. & B.A.*, Economics and Business Administration group; *S.S.*, Summer Session; *Mu.*, Music Department; *Sat.*, means enrolled in Saturday courses; *Sp.*, Special Student; *Pre-Med.*, Pre-Medical Student.

The numbers 1, 2, 3 and 4 preceding these letters indicate the First, Second, Third and Fourth years respectively in College.

The final letter A indicates that the student is a candidate for the degree of Bachelor of Arts; the final letter S indicates that the student is a candidate for the degree of Bachelor of Science.

Agley, M., 3 <i>M.</i>.....S	Christman, G. W. T., 4 <i>H-P.</i> , <i>S. S.</i> ..A
Alger, E. E., 2 <i>E. & B. A.</i>.....A	Clark, T., 1 <i>H-P.</i>.....S
Allen, C. R., <i>S. S.</i>	Cook, E. R., 3 <i>E-H.</i>.....A
Arnold, B. F., 4 <i>C-B.</i> , <i>S. S.</i>.....S	Copper, A. W., 1 <i>E-H.</i>.....S
Baker, V. W., 1 <i>E-H.</i>.....S	Cornish, S. L., <i>S. S.</i>
Baker, W. R., 4 <i>H-P.</i>.....S	Cornog, P., 2 <i>E. & B. A.</i>.....S
Bare, P. W., 4 <i>C-B.</i>.....S	Corson, H. L., 1 <i>H-P.</i>.....S
Barth, M. H., 2 <i>E-H.</i>.....A	Cosman, J. V., 1 <i>E. & B. A.</i>.....S
Bauer, G. M., <i>Sp. Mu.</i>	Davis, E. S., <i>S. S.</i>
Beattie, K. S., 2 <i>E-H.</i>.....A	Deal, A. E., 3 <i>H-P.</i>.....S
Beddow, M. E., 1 <i>E-H.</i> , <i>Mu.</i>.....A	Deetz, E. M., 4 <i>M-L.</i> , <i>S. S.</i> , <i>Mu.</i> ...A
Berger, A. E., 3 <i>E-H.</i>.....A	Deibert, R. P., 4 <i>E-H.</i>.....A
Bietsch, W. F., 4 <i>C-B.</i>.....S	Deitz, R. F., 4 <i>H-P.</i>.....S
Bisbing, J. H., 3 <i>Cl.</i>.....A	Derk, M. M., 2 <i>M.</i>.....S
Blake, E. R., <i>S. S.</i>	Derr, M. I., 1 <i>M.</i>.....S
Bleistein, R. E., 3 <i>E-H.</i>.....A	Derr, W. E., 2 <i>M.</i> , <i>Mu.</i>.....A
Blum, C. E., 1 <i>Cl.</i>.....A	Detweiler, E. F., 4 <i>Cl.</i> , <i>Mu.</i>.....A
Boice, R. T., 1 <i>H-P.</i>.....S	Dietrich, H. C., 1 <i>C-B.</i>.....S
Borkey, A. C., 3 <i>E-H.</i>.....A	Dimon, M. B., <i>S. S.</i>
Boston, B. C., 1 <i>Cl.</i>.....A	Drissel, M. W., 3 <i>E. & B. A.</i> , <i>Mu.</i> ..S
Bowerman, C. E., 2 <i>C-B.</i>.....S	Ebert, E. G., <i>S. S.</i>
Boyer, N. B., 3 <i>E-H.</i>.....A	Eckerd, S. G., 2 <i>E. & B. A.</i>.....S
Brachman, C. L., 2 <i>E. & B. A.</i>.....S	Eger, S. A., 3 <i>C-B.</i>.....A
Brenner, S. F., 2 <i>Cl.</i>.....A	Ehly, M. R., 2 <i>Cl.</i> , <i>Mu.</i>.....A
Brey, W. S., <i>Sat.</i> , <i>S. S.</i>	Ehret, M. F., 1 <i>E-H.</i> , <i>Mu.</i>.....A
Broad, W. H., 1 <i>M.</i>.....S	Eldon, J. W. McK., 1 <i>C-B.</i> , <i>Sp. Pre-Med.</i>
Brown, D. E., 1 <i>E. & B. A.</i>.....S	Emler, E. L., 1 <i>E-H.</i>.....A
Bryant, W. M. D., 1 <i>C-B.</i>.....S	Engel, R. R., 2 <i>E-H.</i>.....A
Burdan, L. L., 1 <i>H-P.</i>.....S	Enoch, L. R., 1 <i>H-P.</i>.....S
Burgard, E. H., 1 <i>E. & B. A.</i>.....A	Eppehimer, R. E., 1 <i>E-H.</i>.....A
Carl, L. M., 2 <i>M.</i>.....A	Erb, G. F., 1 <i>M.</i>.....A
Causey, J. H., 1 <i>Cl.</i>.....A	

Evans, E. U., 3 <i>E. & B. A.</i>.....A	Helffrich, C. C., 4 <i>H-P.</i>.....A
Evans, F. C., 3 <i>H-P.</i>.....A	Heller, E. S., <i>S. S.</i>
Evans, J. G., 1 <i>C-B.</i>.....S	Hendricks, J. E., 1 <i>C-B.</i>.....S
Farrar, K. A., <i>S. S.</i>	Henkels, R. M., 1 <i>E. & B. A., Mu.</i> ..A
Fares, H. T., 1 <i>E-H.</i>.....S	Heppe, R. E., 1 <i>E-H., Mu.</i>.....A
Faye, E. N., Jr., 4 <i>Cl., Mu.</i>.....A	Herber, E. C., 3 <i>C-B., S. S.</i>.....A
Fetters, E. R., 4 <i>M.</i>.....A	Herber, H. T., 3 <i>H-P., S. S.</i>.....A
Fink, A. K., 1 <i>H-P.</i>.....S	Hershberger, M. M., 3 <i>M.</i>.....A
Flitter, S. M., 4 <i>H-P.</i>.....A	Hess, R. P., 1 <i>Cl.</i>.....A
Frantz, A. A., 1 <i>C-B.</i>.....A	High, C. M., 4 <i>C-B.</i>.....S
Gallagher, P. E., 1 <i>H-P.</i>.....S	Hinkle, S. L., 4 <i>M., Mu.</i>.....A
Garber, M. M., 1 <i>M-L., Mu.</i>.....A	Hoagland, O. A., 1 <i>C-B.</i>.....S
Gardner, C. E., 1 <i>Cl.</i>.....A	Hocker, M., 4 <i>E-H.</i>.....A
George, C. A., 4 <i>E-H., Mu.</i>.....S	Holloway, M. E., 3 <i>M., Mu.</i>.....A
Gerlach, W. H., <i>Sat.</i>	Holman, J. W., 1 <i>H-P.</i>.....S
Gilbert, J. G., 3 <i>M-L., Mu.</i>.....A	Hoover, A. F., <i>S. S.</i>
Gilpin, S. F., Jr., 3 <i>C-B., S. S., Mu.</i> ..S	Horning, M. E., <i>S. S.</i>
Givler, S., Jr., 3 <i>Cl.</i>.....A	Humphreys, M. A., 2 <i>E-H.</i>.....A
Goezel, A. J. F., <i>S. S.</i>	Hunsicker, C., 3 <i>H-P.</i>.....S
Gotshalk, H. C., 4 <i>H-P.</i>.....S	Isenberg, H. F., 4 <i>E-H.</i>.....S
Gottshall, H. C., <i>S. S.</i>	Jamack, J. A., 2 <i>C-B.</i>.....S
Grebe, D. E., 3 <i>M-L.</i>.....A	Jenkins, M. A., 1 <i>E-H.</i>.....A
Gretton, N. E., 3 <i>E-H.</i>.....A	Johnson, H. M., 3 <i>M., Mu.</i>.....S
Groninger, H. E., 4 <i>M-L.</i>.....S	Johnson, H. M., <i>Sat.</i>
Gross, D. M., 1 <i>Cl.</i>.....A	Johnson, I. M., 1 <i>E-H.</i>.....A
Gunnet, O. W., 2 <i>C-B.</i>.....S	Johnson, O. M., <i>S. S.</i>
Haas, W. E. P., 1 <i>E & B. A.</i>.....S	Johnson, R. W., <i>Sat.</i>
Haelig, D. L., 4 <i>M-L.</i>.....A	Jones, H. F., 1 <i>M.</i>.....S
Haiges, E. K., 1 <i>M-L.</i>.....A	Jones, O. R., 1 <i>C-B.</i>.....S
Haines, C. G., 1 <i>E. & B. A.</i>.....A	Kauffman, G. I., 1 <i>M-L., Mu.</i>.....A
Haines, G. H., 1 <i>E. & B. A.</i>.....A	Kauffman, H. S., 4 <i>M.</i>.....S
Halderman, F. M., 4 <i>M., S. S.</i>.....S	Kern, D. A., 2 <i>H-P.</i>.....A
Hamilton, D. E., 2 <i>E. & B. A., Mu.</i> ..S	Kern, M. A., 2 <i>E-H.</i>.....A
Harman, A. C., 2 <i>Cl.</i>.....A	Kimes, P. C., 3 <i>E-H.</i>.....A
Harter, E. S., 2 <i>M.</i>.....A	Kirkpatrick, G. W. R., 2 <i>M.</i>.....S
Hassler, P. G., 4 <i>Cl.</i>.....A	Kistler, M. N., 4 <i>Cl., S. S.</i>.....A
Hathaway, M. A., 1 <i>C-B.</i>.....A	Kistler, R. M., 3 <i>E-H., Mu.</i>.....A
Hedrick, R. M., 4 <i>H-P.</i>.....A	Knipe, M. L., 3 <i>M., Mu.</i>.....A
Heebner, E. A., <i>Sat., S. S.</i>	Koch, G. W., 1 <i>M.</i>.....S
Heiges, R. E., 3 <i>H-P.</i>.....A	Kohr, L. C., 3 <i>Cl.</i>.....A
Heilman, H. M., 4 <i>E-H.</i>.....A	Kratz, B. J., 4 <i>E-H.</i>.....A
Heisler, R. K., 1 <i>M-L., Sp. Mu.</i>	Kratz, C. R., 2 <i>M.</i>.....S

Kratz, W. A., 1 <i>Cl.</i>A	Mills, M. M., 4 <i>M-L.</i>A
Krause, M. E., <i>S. S.</i>	Molitor, W. V., 2 <i>E. & B. A.</i>S
Kresge, A. T., 1 <i>M-L.</i>A	Morss, W. S., 2 <i>E. & B. A.</i>S
Kuder, R. K., 1 <i>E-H., Mu.</i>A	Moser, L. B., 1 <i>E-H., Mu.</i>A
Kulp, D. B., <i>S. S.</i>	Mosser, S. B., 3 <i>M-L., Mu.</i>A
Kulp, M. B., <i>S. S.</i>	Moyer, M. B., 4 <i>E-H.</i>A
Kulp, R. A., 2 <i>E-H.</i>S	Moyer, R. L., 3 <i>C-B.</i>S
Kuntz, M. O., 2 <i>M., Mu.</i>A	Moyer, S. M., 1 <i>C-B.</i>A
Latshaw, G., <i>S. S.</i>	Mulford, R. H., <i>S. S.</i>
Laudenslager, R. L., 1 <i>M., Sp.</i>	Myers, S. E., 2 <i>M.</i>A
Lawrence, H. D., 2 <i>C-B.</i>S	Nace, O. W., 1 <i>Cl.</i>A
Lenker, F. L., 4 <i>M.</i>A	Nelson, A. A., 1 <i>E-H.</i>A
Leo, B., 1 <i>E-H., Mu.</i>A	Nelson, A. R., 2 <i>C-B.</i>A
Lesser, E. A., 1 <i>E-H.</i>A	Nelson, I. R., 2 <i>E-H.</i>S
Levengood, G. D., 1 <i>H-P.</i>A	Nickel, R. M., 3 <i>E-H.</i>A
Light, H. M., 1 <i>Cl.</i>S	Nute, B., 1 <i>E-H.</i>S
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STUDENTS IN THE COLLEGE

Classical Group	27	
Mathematical Group	40	
Chemical-Biological Group	46	
Historical-Political Group	47	
English-Historical Group	68	
Modern Language Group	23	
Economics and Business Administration Group	25	
	—	276
STUDENTS IN THE SUMMER SESSION	51	
STUDENTS IN SATURDAY COURSES	6	
STUDENTS IN MUSIC	56	
	—	389
Deduct for names repeated	68	
		—
Total		321

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Awarded in 1922-1923

PRIZES

JUNIOR ORATORICAL PRIZES FOR MEN—Edwin Neff Faye, Jr., Webster Schultz Stover, Burress Wycliffe Griffin.

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Alvin Lincoln Loux, Souderton, Pa.

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HONORS

DEPARTMENT HONORS

BIOLOGY—Daniel Ludwig.

CHEMISTRY—Ruth Hesperheide.

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GREEK—Dobbs Frederick Ehlman.

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SALUTATORY ORATION—Aileen Louise Neff.

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BACHELOR OF SCIENCE—Anna Frances Hoover, Edgar Karl Houck, Herbert Richard Howells, Daniel Bickel Kulp, Earle Kolb Miller, Howard Homer Mowcomber, Joseph Stanley Reifsneider, Margaret Lillian Richards, John Wesley Tomlinson, Anna Adelaide Tyler, Millicent Zimmerman Xander.

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