



1934

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First Quarter, 1935

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THE
URSINUS COLLEGE
BULLETIN

CATALOGUE



1934-1935

Published by Ursinus College
Collegeville, Pennsylvania

CATALOGUE
OF
URSINUS COLLEGE

1934-1935

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

PUBLISHED BY URSINUS COLLEGE
COLLEGEVILLE, PENNSYLVANIA

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1935

JANUARY							FEBRUARY							MARCH						
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1936

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CALENDAR

1935

Jan. 29, Tuesday,	SECOND SEMESTER begins, 8 a. m.
Feb. 14, Thursday,	Founders' Day.*
Apr. 13, Saturday,	EASTER RECESS begins, 12 m.
Apr. 23, Tuesday,	RECESS ends, 8 a. m.
Apr. 24, Wednesday,	Last day for making room deposits.
May 7, Tuesday,	Last day for filing schedules for 1935-36.
May 9, Thursday,	Last day for submitting honor papers.
May 27, Monday,	Second Semester Examinations begin.
June 7, Friday,	Class Day Exercises, 2 p. m.
June 7, Friday,	Senior Play, 8 p. m.
June 8, Saturday,	Annual Meeting of the Directors, 10 a. m.
June 8, Saturday,	Alumni Banquet, 5.30 p. m.
June 8, Saturday,	Alumni Meeting, 6.30 p. m.
June 8, Saturday,	President's Reception, 8 p. m.
June 9, Sunday,	Baccalaureate Service, 10.45 a. m.
June 9, Sunday,	Oratorio, 8 p. m.
June 10, Monday,	Commencement, 10 a. m.
Sept. 14, Saturday,	Freshman Pre-matriculation Program begins.
Sept. 17, Tuesday,	Registration and Matriculation of Students.
Sept. 18, Wednesday,	Registration and Matriculation of Students.
Sept. 19, Thursday,	Instruction begins, 9 a. m.
Sept. 19, Thursday,	Opening Address, 8 p. m.
Oct. 1, Tuesday,	Last day, registration for Department Honors.
Oct. 17, Thursday,	Examinations for College standing.
Nov. 27, Wednesday,	THANKSGIVING RECESS begins, 5 p. m.
Dec. 2, Monday,	RECESS ends, 8 a. m.
Dec. 20, Friday,	CHRISTMAS RECESS begins, 5 p.m.

1936

Jan. 7, Tuesday,	RECESS ends, 8 a. m.
Jan. 20, Monday,	First Semester Examinations begin.
Feb. 4, Tuesday,	SECOND SEMESTER begins, 8 a. m.
Feb. 13, Thursday,	Founders' Day.*
Apr. 4, Saturday,	EASTER RECESS begins, 12 m.
Apr. 14, Tuesday,	RECESS ends, 8 a. m.
June 5, Friday,	Commencement Exercises begin.
June 8, Monday,	Commencement Exercises end.
Sept. 15, Tuesday,	ACADEMIC YEAR begins.

* Date subject to change.

HISTORICAL STATEMENT

The beginning of educational work on the grounds occupied by Ursinus College was in Todd's School, opened in 1832 "for the use of the neighborhood and its vicinity," the tract on which the school was located having been donated by Andrew Todd.

In the year 1848, a school for the higher education of young men was established on the tract adjoining that of Todd's School, now central in the campus. The school was named "Freeland Seminary." Within a period of twenty years, more than three 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.

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 were opened to women. The Academy was discontinued in 1910.

The Ursinus School of Theology was opened in 1871. The School was conducted at Collegetown in connection with the College until 1898 when it was moved to Philadelphia. In 1907 a Compact of Union was ratified by which it became a part of The Central Theological Seminary at Dayton, Ohio. In 1933 this union was dissolved by mutual agreement. In 1934 Central Theological Seminary was united with Eden Theological Seminary at Webster Groves, Missouri.

Collegetown is on the Benjamin Franklin Highway and is twelve miles distant from the Lincoln Highway. It is easy of access by the Philadelphia and Reading Railway from Philadelphia, Allentown or Reading. Motor coaches connecting Collegetown with Reading, Pottstown, Norristown and Philadelphia pass the College campus. The College grounds cover sixty-six acres, including an improved 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, \$2,000 to \$5,000 each; endowment of professorships, \$50,000 and upwards; general endowment funds, \$500 and upwards; a woman's building, \$150,000; science building endowment, \$300,000; an infirmary, \$25,000. 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, its successors and assigns forever, the sum of..... dollars, for its several corporate purposes (or name the particular corporate purpose desired by the testator).

THE DIRECTORS

	First Elected	Term Expires
JAMES M. ANDERS, M.D., Sc.D., LL.D., Philadelphia,	1894	1939
REV. TITUS A. ALSPACH, D.D., Lancaster,	1925	1935
HON. ANDREW R. BRODBECK, LL.D., Hanover,	1905	1935
HON. THOMAS E. BROOKS, Red Lion,	1921	1936
CHARLIE C. BURDAN, Pottstown,	1921	1936
REV. I. CALVIN FISHER, D.D., Lebanon,	1905	1936
EDWIN M. FOGEL, Ph.D., Fogelsville,	1930	1935
EDWARD S. FRETZ, Collegeville,	1925	1935
FRANCIS J. GILDNER, Esq., A.B., Allentown,	1924	1939
CHARLES B. HEINLY, PED.D., York,	1934	1939
DONALD L. HELFFRICH, Esq., A.B., Philadelphia,	1927	1937
ABRAHAM H. HENDRICKS, Esq., B.S., Collegeville,	1914	1939
REV. GEORGE W. HENSON, D.D., Philadelphia,	1911	1936
EDWIN M. HERSHEY, Esq., A.B., Harrisburg,	1926	1936
ALVIN HUNSICKER, B.S., Atlantic City,	1916	1936
RHEA DURYEA JOHNSON, A.B., Philadelphia,	1928	1938
WHORTEN A. KLINE, Litt.D., Collegeville,	1912	1937
MAYNE R. LONGSTRETH, Esq., A.M., Philadelphia,	1907	1937
REV. J. W. MEMINGER, D.D., Lancaster,	1896	1936
RALPH E. MILLER, A.B., Collegeville,	1924	1938
GEORGE L. OMWAKE, PED.D., LL.D., Collegeville,	1906	1936
HARRY E. PAISLEY, LL.D., Philadelphia,	1907	1937
REV. CALVIN D. YOST, A.M., D.D., Collegeville,	1916	1935

COMMITTEES OF THE BOARD OF DIRECTORS

Executive Committee

A. H. HENDRICKS	G. L. OMWAKE
H. E. PAISLEY	E. S. FRETZ
C. D. YOST	W. A. KLINE

Committee on Finance

E. S. FRETZ	H. E. PAISLEY
G. L. OMWAKE	C. C. BURDAN
M. R. LONGSTRETH	

Committee on Buildings and Grounds

R. E. MILLER	W. A. KLINE
A. H. HENDRICKS	G. L. OMWAKE

Committee on Instruction

J. M. ANDERS	C. D. YOST
G. L. OMWAKE	W. A. KLINE
D. L. HELFFRICH	

OFFICERS OF THE CORPORATION

President

HARRY E. PAISLEY
Philadelphia

First Vice-President

C. C. BURDAN
Pottstown, Pa.

Second Vice-President

THOMAS E. BROOKS
Red Lion, Pa.

Chairman, Executive Committee

A. H. HENDRICKS
Collegeville, Pa.

Secretary

CALVIN D. YOST
Collegeville, Pa.

Treasurer

EDWARD S. FRETZ
Collegeville, Pa.

OFFICERS OF ADMINISTRATION

- GEORGE L. OMWAKE, A.M., B.D., PED.D., LL.D., *President*
 REV. WHORTEN A. KLINE, A.M., B.D., LITT.D., *Dean*
 REV. FRANKLIN I. SHEEDER, JR., A.M., B.D., *Registrar*
 REV. CALVIN D. YOST, A.M., D.D., *Librarian*
 GLADYS M. BARNES, A.B., *Assistant Librarian*
 ELIZABETH B. WHITE, PH.D., *Dean of Women*
 REV. JOHN LENTZ, D.D., *Pastor, Trinity Church and College Pastor*
 JOHN B. PRICE, A.M., M.D., *College Physician*
 RUSSELL C. JOHNSON, B.S., *Director of Athletics*
 SARA E. ERMOLD, *Assistant Treasurer*
 JAMES R. RUE, *Chief Accountant*
 STANLEY OMWAKE, M.B.A., *Assistant to the President*
 HARRY M. PRICE, *Steward*
 MRS. KATHRYN B. PRICE, *Dietitian*
 N. BLANCHE DEATRICK, *Superintendent of Dormitories*
 MRS. MAY H. RAUCH, B.S., *Preceptress*
 MRS. GRACE S. CORDRY, *Preceptress*
 CAMILLA B. STAHR, A.B., *Preceptress*
 MRS. ELLA N. ERMOLD, *Preceptress*
 HELEN M. MOLL, R.N., *Resident Nurse*
 MRS. RUTH HOLT BURNS, *Secretary to the President*
 RUTH SLOTTNER, *Secretary to the Dean*
 EVELINE BEAVER OMWAKE, A.B., *Secretary, Science Building*
 HARVEY K. LESHER, *Caretaker and Farm Manager*

THE FACULTY

GEORGE LESLIE OMWAKE, PED.D., LL.D.,

President, and Professor of the History of the Christian Church.

A.B., Ursinus College, 1898, and A.M., 1901; B.D., Yale University, 1901; Ped.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, American Academy of Political and Social Science; Historical Society of Pennsylvania.

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; 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; Philadelphia Botanical Club.

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 in 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, The American Chemical Society; 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; Mathematical Association of America; Fellow, American Association for the Advancement of Science.

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

Librarian, and Professor of the German Language and Literature.

A.B., Ursinus College, 1891; A.M., 1895, and B.D., 1907; D.D., Heidelberg College, 1925; 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. Member, Modern Language Association of America.

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; The British Institute of Philosophical Studies; The American Sociological Society.

JAMES LYNN BARNARD, PH.D.,

Professor of Political Science and Director of Social Studies for Teachers.

B.S., Syracuse University, 1892; Ph.D., University of Pennsylvania, 1897; Professor of History and Political Science, Ursinus College, 1897-1904; Graduate Student, Columbia University, 1904-05; Social Work, New York and Philadelphia, 1905-06; Professor of History and Government, Philadelphia School of Pedagogy, 1906-20; Director of Social Studies, Department of Public Instruction, Pennsylvania, 1920-27; Ursinus College, 1927. Member, American Political Science Association; American Academy of Political and Social Science; American Association for Labor Legislation.

MARTIN WEAVER WITMER, A.B.,

Professor of English 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. Member, Modern Language Association of America.

JAMES LANE BOSWELL, PH.D.,

Professor of Economics and Business Administration.

A.B., Georgetown College, 1920; A.M., University of Pennsylvania, 1923; Ph.D., 1933; Student, University of Toulouse, 1919; Graduate Student, University of Pennsylvania, 1921-33; Columbia University, Summer, 1924; Instructor, Secondary Schools, 1920-23; Ursinus College, 1923. Member, American Academy of Political and Social Science; American Economic Association.

ELIZABETH BRETT WHITE, PH.D.,

Dean of Women, and Professor of History.

A.B., Cornell University, 1904; Student, University of Lausanne, 1913; A.M., University of Wisconsin, 1917; Student, Clark University, 1919-20; Ph.D., Clark University, 1920; Walnut Spring, N. C., Presbyterian Board of Home Missions, 1904-06; Pennsylvania College for Women, 1912-19, 1920-24; Pennsylvania State College, School of Education, Extension Department, 1921-24; Ursinus College, 1924. Member, American Historical Association.

RUSSELL DAVIS STURGIS, PH.D.,

Professor of Analytical Chemistry.

A.B., University of Delaware, 1919; M.S., University of Pennsylvania, 1921; and Ph.D., 1924; Assistant in Chemistry, Massachusetts Agricultural College, 1919-20; Instructor in Chemistry, University of Pennsylvania, 1920-24; Professor of Chemistry, Franklin and Marshall College, 1924-25; Ursinus College, 1925. Member, American Chemical Society.

WILLIAM WALLACE BANCROFT, PH.D.,

Professor of Philosophy.

A.B., Ursinus College, 1919; Graduate, Princeton Theological Seminary, 1920; Scholar in Philosophy, University of Pennsylvania, 1920-21; A.M., 1921; Student in English, 1921-23; Student in Philosophy, 1929-31; Ph.D., 1931; Ursinus College, 1925. Member, The British Institute of Philosophical Studies; American Association for the Advancement of Science.

JOHN HAROLD BROWNBACK, A.B.,

Professor of Biology.

A.B., Ursinus College, 1921; Graduate Student and Instructor in Zoölogy, University of Pennsylvania, 1921-26; Ursinus College, 1926. Member, American Association for the Advancement of Science; American Entomological Society.

GEORGE RUSSELL TYSON, A.M.,

Professor of Education.

B.S., University of Pennsylvania, 1916, A.M., 1922; Graduate Student, 1916-17, Harrison Fellow in Education, University of Pennsylvania, 1919-21; Specialist in Testing and Grading in United States Army, 1920; Professor of Education and Director of the Summer School, Cornell College, 1921-27; Ursinus College, 1927. Member, National Society of College Teachers of Education.

NORMAN EGBERT McCLURE, PH.D.,

Professor of the English Language and Literature.

A.B., Ursinus College, 1915; A.M., Pennsylvania State College, 1916; Ph.D., University of Pennsylvania, 1925; Instructor in English, Pennsylvania State College, 1915-17; Professor of English, Pennsylvania Military College, 1917-28; Registrar, Pennsylvania Military College, 1918-28; Ursinus College, 1928. Member, Modern Language Association.

PHILIP H. GOEPP, Mus. Doc.,

Professor of Music.

A.B., Harvard University (Honors in Music), 1884; LL.B., University of Pennsylvania, 1888; Mus. Doc., Temple University, 1919; Mus. Doc., Philadelphia Musical Academy, 1930. Author, "Symphonies and Their Meanings," 3 vols. Ursinus College, 1930.

REGINALD S. SIBBALD, LL.B., PH.D.,

Professor of French and Spanish.

LL.B., University of Colorado, 1921; A.B., 1922; A.M., 1926; Ph.D., University of Pennsylvania, 1934; Graduate Student, New York University, 1928-29; University of Pennsylvania, 1929-33. Instructor in Romance Languages, University of Colorado, 1923-27; West Virginia University, 1927-28; Instructor in French, New York University, 1928-29; Drexel Institute, 1929-30. Ursinus College, 1931. Member, Modern Language Association.

REV. FRANKLIN IRVIN SHEEDER, JR., A.M., B.D.,

Registrar, and Associate Professor of Religion.

A.B., Ursinus College, 1922; A.M., University of Pennsylvania, 1929; B.D., Central Theological Seminary, 1925; Student, University of Pennsylvania, Summer, 1922; Graduate Student, University of Pennsylvania, 1926-29; University of Chicago, 1929-30; Ursinus College, 1925. Member, Religious Education Association.

HARVEY LEWIS CARTER, A.M.,*Associate Professor of History and Public Speaking.*

A.B., Wabash College, 1927; A.M., University of Wisconsin, 1928; Summer Sessions, 1930-34, Clarence G. Campbell Fellow in History, 1927-28; Ursinus College, 1928. Member, American Historical Association; Foreign Policy Association.

MAURICE O. BONE, B.C.S.,*Associate Professor of Economics and Business Administration.*

B.C.S., Northwestern University, 1924; Graduate, Illinois State Normal University, 1920; Summer Sessions, 1920, 1921, and 1922; Instructor in secondary schools, 1920-22; Auditor and Comptroller, Clark Furniture Company, 1924-28; Graduate Student and Instructor in Accounting, Northwestern University, 1928-29; Ursinus College, 1929. Member, American Association of University Instructors in Accounting; American Economic Association.

RUSSELL CONWELL JOHNSON, B.S.,*Director of Athletics and Coach of Baseball.*

B.S., Ursinus College, 1916; Organized Baseball (Philadelphia Athletics, 1916, 1917, 1927, 1928), (Baltimore, 1928), (Allentown, 1929); Independent Clubs, 1920-26; Baseball Coach, Bucknell University, 1922; Baseball Coach, Lehigh University, 1926-27; Experimental and Research Work, Bethlehem Steel Coke Plant, Bethlehem, Pa., 1923-25; Director of Athletics and Baseball Coach, Ursinus College, 1930.

OSCAR EDWARD GERNEY, M.S.,*Associate Professor of Physical Education.*

B.S., Temple University, 1925; M.S., 1926; Graduate, Departments of Physical Education, University of Pennsylvania and Temple University. Instructor in Gymnastics, University of Pennsylvania, 1908-14; Head of Department, Physical Education, North East High School, Philadelphia, 1914-32; Director, Camp Happy, Philadelphia, 1925-33. Ursinus College, 1931. Member Phi Epsilon Kappa, American Physical Education Association, Society of Directors of Physical Education in Colleges.

DONALD GAY BAKER, PH.D.,*Associate Professor of the Greek Language and Literature.*

A.B., Haverford College, 1926; A.M., Harvard University, 1929; Ph.D., 1932; Teacher of Latin and Greek, St. George's School, Newport, R. I., 1926-28; Graduate Student, Harvard University, 1928-32; Ursinus College, 1932.

JOHN W. MAUCHLY, PH.D.,*Associate Professor of Physics.*

Ph.D., The Johns Hopkins University, 1932. Assistant in Physics, The Johns Hopkins University, 1929-1933; Ursinus College, 1933. Member, American Physical Society; The Franklin Institute.

JESSE SHEARER HEIGES, A.M., PED.D.,

Associate Professor of Education.

A.B., Ursinus College, 1898; A.M., 1909; Ped.D., 1923; M.A., New York University, 1927; Principal, Secondary Schools, 1898-1902; Instructor, Shippensburg State Teachers College, 1902-08; Dean of Instruction, 1908-34; Ursinus College, 1935.

MARCUS CALVIN OLD, PH.D.,

Assistant Professor of Biology.

A.B., Lehigh University, 1923; A.M., 1925; Ph.D., University of Michigan, 1930; Graduate Student and Instructor in Biology, Lehigh University, 1923-25; Professor of Biology, Olivet College, 1925-26; Graduate Student and Instructor in Zoölogy, University of Michigan, 1926-29; University of Michigan Graduate School Fellowship, 1929-30; Ursinus College, 1930. Member, American Association for the Advancement of Science; American Microscopical Society; Ecological Society of America.

FRANK LEROY MANNING, M.S.,*

Assistant Professor of Mathematics.

B.S., Cornell University, 1919; M.S., Rutgers University, 1924; Instructor, Rutgers University, 1923-24; Graduate Student, University of Michigan, Summer Sessions, 1929 to 1930; Cornell University, 1934-35; Instructor, Secondary Schools, 1924-26; Principal, 1926-28; Instructor in Mathematics, Clarkson College of Technology, 1928-30; Ursinus College, 1930; Mathematical Association of America.

EUGENE BACHMAN MICHAEL, A.M.,

Assistant Professor of Education.

A.B., Ursinus College, 1924; A.M., University of Pennsylvania, 1928; Graduate Student, University of Pennsylvania, 1924-28; Instructor, secondary schools, 1924-30; Ursinus College, 1930.

ELEANOR F. SNELL, A.M.,

Assistant Professor of Physical Education and Coach of Women's Athletics.

A.B., University of Nebraska, 1923; A.M., Columbia University, 1929; Instructor in Physical Education, High School, Fort Madison, Iowa, 1923-25; East High School, Denver, Colorado, 1925-27; Graduate student, Columbia University, 1927-29; Instructor and critic teacher, State Teachers' College, Marquette, Michigan, 1929-30; Instructor in Physical Education, State Teachers' Colleges, Shippensburg and California, Pennsylvania, 1930-31. Ursinus College, 1931.

JEANETTE DOUGLAS HARTENSTINE,

Instructor in Voice Culture and Director of Choral Singing.

Metropolitan College of Music, New York, E. Presson Miller, Voice and Repertoire; Harry Rowe Shelly, Harmony; A. W. Weiser, Piano, Clavier (Virgil Method), Harmony; German Operatic Roles, Emil Knell and Jose Van den Berg; Directing and Conducting, Damrosch; Voice and Voice Teaching, Zerffi; Soprano, Music Hall, Steel Pier, Atlantic City; Prima Donna Soprano, English Grand Opera; Ursinus College, 1923.

*Absent on leave, 1934-35.

JOSEPHINE XANDER SHEEDER, A.B.,*Instructor in Pageantry and Assistant in Religion.*

A.B., Ursinus College, 1921; Graduate Student, University of Pennsylvania, Summer, 1922; Teacher, High School, Lake City, Fla., 1921-22; High School, Wyoming, Del., 1922-23; Public Schools, Vallejo, Calif., 1923-24; Week-Day Schools of Religion, Dayton, Ohio, 1924-25; Graduate Student, University of Chicago, 1929-31; Ursinus College, 1925.

JOHN CREIGHTON McAVOY, B.S.,*Instructor in Athletics and Head Coach of Football.*

B.S., Dartmouth College, 1928; Business, 1928-30; Assistant Coach, Football, Ursinus College, 1930. Head Coach, 1931.

PHILIP B. WILLAUER, A.M.,*Instructor in Political Science.*

A.B., Ursinus College, 1930; A.M., Clark University, 1931; Assistant in History and International Relations, Clark University, 1930-31; Graduate student, University of Pennsylvania, 1931-34. Ursinus College, 1931.

DOROTHY MILLER OGDEN,*Instructor in Physical Education.*

Student under Carpenter, Tarasoff, Chalif Alberteiro, Ito, Wigman and Isidore Duncan. Assistant in Pageantry Dancing, Bryn Mawr College, 1916; Teacher of Dancing, Physical Education Department, High School, Junction City, Kansas, 1918-19; Baldwin School, 1929; Philadelphia Public Schools, 1920-32; Director, Miller Conservatory of Dancing, Philadelphia, 1920-32. Ursinus College, 1931.

HARRY NELSON, B.S.,*Instructor in Physical Education.*

B.S., Temple University, 1930; Graduate Student in Physical Education, Temple University, 1930-31. Director of Swimming, North Branch, Y. M. C. A., Philadelphia, 1926-28; Camp Akiba, summer of 1931; Teacher Physical and Health Education, Junior High Schools, Philadelphia, 1928-30; North East High School, 1930—. Ursinus College, 1931.

RALPH E. CHASE, M.S.,*Instructor in Physical Education, Basket Ball Coach and Assistant Football Coach.*

B.S., University of Pittsburgh, 1926; M.S., Temple University, 1933; Graduate student, University of California, and University of Southern California, 1928-29; Temple University, 1931-32; New York University, Summer Session, 1933; Coach, Stanford University, 1928. Ursinus College, 1931.

PAUL RAYMOND WAGNER, B.S.,*Instructor in Biology.*

B.S., Ursinus College, 1932. Graduate Student, University of Pennsylvania, 1932-35. Ursinus College, 1932.

FRED E. FOERTSCH, B.S.,

Instructor in Physical Education.

B.S., University of Pittsburgh, 1924; Graduate Student in Physical Education, University of Pittsburgh, University of Pennsylvania; Instructor in Physical Education, New Haven Normal School of Gymnastics, 1915-18; Head of Department, Physical and Health Education, Schenley High School, Pittsburgh, 1918-28; Assistant to the Director, Division of Physical and Health Education, Philadelphia, 1928—. Ursinus College, 1932. Member, American Physical Education Association.

WILLIAM SCHUYLER PETTIT, M.S.,

Instructor in Inorganic Chemistry.

B.S. in Chemistry, University of Pennsylvania, 1932; M.S., 1933; Graduate Scholar in Chemistry, University of Pennsylvania, 1932-33. Ursinus College, 1933. Member, American Chemical Society; The Franklin Institute.

J. W. F. LEMAN,

Instructor in Violin and Director of Band and Orchestra.

Graduate, Leefson-Hille Conservatory, 1900; University of Pennsylvania, 1901; Student under European masters; Member, Philadelphia Orchestra, ten years; Conductor, Atlantic City Symphony Orchestra, four years; Conductor, Women's Symphony Orchestra of Philadelphia; Teacher of Music. Ursinus College, 1933.

FOSTER LEROY DENNIS, A.M.,

Instructor in Mathematics.

B.S., Ursinus College, 1931; A.M., Cornell University, 1932; Instructor in Secondary Schools, 1932-34; Ursinus College, 1934. Member, Mathematical Association of America.

GEORGE W. HARTZELL, Ph.D.,

Instructor in Modern Languages.

A.B., Lehigh University, 1929; A.M., University of Pennsylvania, 1931; Ph.D., University of Pennsylvania, 1934; Instructor in German, Lehigh University, 1929-32; Harrison Fellow in Germanics, University of Pennsylvania, 1933-34; Ursinus College, 1934. Member, Modern Language Association.

CALVIN DANIEL YOST, JR., A.M.,

Instructor in English.

A.B., Ursinus College, 1930; A.M., University of Pennsylvania 1932; Graduate Student, University of Pennsylvania, 1930-34. Ursinus College, 1934. Member, Modern Language Association of America.

ALVIN ROBERT PAUL, B.S.,

Coach of Freshman Athletics.

B.S., Ursinus College, 1933. Ursinus College, 1933.

SARA MARY OUDERKIRK, A.B.,

Assistant in Physical Education.

A.B., Ursinus College, 1934. Ursinus College, 1934.

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 matriculation is continued in the actual trial of all applicants during the first semester, at the end of which time their status as candidates is finally determined.*

Applicants who ranked in the upper half of their classes in the schools in which they received their preparation, applicants from other colleges, and candidates who shall have passed the examinations of the College Entrance Examination Board are admitted on certificate. The qualifications of others are determined by entrance examinations conducted by the College. Particulars regarding these examinations which are held at intervals during the year, may be gotten on application to the Registrar.

Every candidate admitted to College will be tested with reference to his achievement in major subjects and with reference to his mental aptitude at the time of matriculation with a view to determining his proper classification.

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.*

Applicants for admission intending to present themselves as candidates for a degree at graduation must present 15 units from the following list. The studies printed in capitals are prescribed:

ENGLISH	3 units
A FOREIGN LANGUAGE	2 units
ALGEBRA	1.5 units
PLANE GEOMETRY	1 unit
HISTORY	1 unit
SCIENCE OR ADDITIONAL MATHEMATICS	1 unit
Elective, from the following studies	5.5 units
Latin	Economics
Greek	Government
German	Advanced Algebra
French	Solid Geometry
Spanish	Plane Trigonometry
Ancient History	Physical Geography
European History	Biology
English History	Physiology
American History	Physics
World History	Chemistry
Problems of Democracy	Mechanical Drawing

A limited number of applicants for admission may be received as *Special Students* provided they have satisfactory preparation for the college courses which they desire to pursue.

When admitted, special students are enrolled as members of the groups they 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 accountable 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, satisfac-

tory evidence of preparation in such of these studies as he may offer in accordance with the requirements in each as defined:

ENGLISH

Habits of correct, clear, truthful expression. This part of the requirement calls for a carefully graded course in oral and written composition, and for instruction in the practical essentials of grammar, a study which should be reviewed in the secondary school. In all written work constant attention should be paid to spelling, punctuation, and good usage in general as distinguished from current errors. In all oral work there should be constant insistence upon the elimination of such elementary errors as personal speech-defects, foreign accent, and indistinct enunciation.

Ability to read with intelligence and appreciation works of moderate difficulty; familiarity with a few masterpieces. This part of the requirement calls for a carefully graded course in literature. Two lists of books are provided from which a specified number of units must be chosen for reading and study. The first, designated as "Books for Reading," contains selections appropriate for the earlier years in the secondary school. These should be carefully read, in some cases studied, with a measure of thoroughness appropriate for immature minds. The second, designated as "Books for Study," contains selections for the closer study warranted in the later years. The progressive course formed from the two lists should be supplemented by home reading on the part of the pupil and by class-room reading on the part of pupils and instructor. It should be kept constantly in mind that the main purpose is to cultivate a fondness for good literature and to encourage the habit of reading with discrimination.

A. BOOKS FOR READING

LIST FOR 1935-36

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.

GROUP I.—Cooper: *The Last of the Mohicans*; Dickens: *A Tale of Two Cities*; George Eliot: *The Mill on the Floss*; Scott: *Ivanhoe* or *Quentin Durward*; Stevenson: *Treasure Island* or *Kidnapped*; Hawthorne: *The House of the Seven Gables*.

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

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* or the *Iliad* in a translation of recognized excellence, with the omission, if desired, of Books I-V, XV, and XVI of the *Odyssey* and Books XI, XIII-XV and XXI of the *Iliad*; Longfellow: *Tales of a Wayside Inn*.

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, or History of England, Ch. III*; Franklin: *Autobiography*; Emerson: *Representative Men*.

GROUP V.—A modern novel; a modern biography or autobiography; a collection of short stories (about 250 pages); a collection of contemporary verse (about 150 pages); a collection of scientific writings (about 150 pages); a collection of prose writings on matters of current interest (about 150 pages); a selection of modern plays (about 150 pages). All selections from this group should be works of recognized excellence.

B. BOOKS FOR STUDY

LIST FOR 1935-36

One selection is to be made from each of Groups I and II, and two from Group III.

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, Pheidippides, 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.—Burke: *Speech on Conciliation with America*; Macaulay: *Life of Johnson*; Lowell: *On a Certain Condescension in Foreigners, and Democracy*; Lincoln: *Speech at Cooper Union, Farewell to the Citizens of Springfield, Addresses at Indianapolis, Albany and Trenton, the Speeches in Independence Hall, the Two Inaugurals, the Gettysburg Speech and his Last Public Address*, together with a brief memoir or estimate of Lincoln; Carlyle: *Essay on Burns* with a brief selection from Burns's Poems. *Three units*.

LATIN

The minimum requirement of candidates for admission may be met by two years of careful study. The student should acquire an accurate knowledge of the grammar and such vocabulary as will enable him to read passages of easy Latin at sight. The requirement may be met without regard to the prescription of particular authors but should be not less in amount than Cæsar: Gallic War, Books I-IV. *Two units.*

Candidates intending to pursue the study of Latin in College should qualify in one or two additional years' work in which there should be further drill in grammar and syntax and the reading of additional authors, preferably Cicero: the orations against Catiline, for the Manilian Law and for Archias. If two years work is offered it should include Vergil: The Æneid, Books I-IV, or the equivalent in amount from other Latin poetry. *One or two 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. 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 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 Taugenichtes*; Riehl: *Das Spiel-*

mannskind, Der stumme Ratsherr; Freytag: Die Journalisten; Moser: Der Bibliothekar; Schiller: Das Lied von der Glocke, Balladen; Goethe: Hermann und Dorothea. *One unit.*

HISTORY

Ancient History. The Orient should be surveyed with special reference to contributions to later civilization; Greece should be studied in outline to the time of the Persian wars and with thoroughness from that time to the death of Alexander. After Alexander emphasis should be laid on the philosophy, literature, art and religious cults to which Rome became heir. The second half of the year should be devoted to Rome, proceeding rapidly to about 300 B. C. and from that point to the death of Marcus Aurelius, the work should be relatively detailed and thorough. The study should be brought down to 800 A. D. *One unit.*

European History. If the course embraces Mediæval and Modern European history emphasis should be given to the contributions of the Roman Empire, the Germans, and the Christian Church to mediæval civilization. The structure of feudal society, the Crusades, the formation of the European states, the phases of the Renaissance and the Reformation and the discoveries outside of Europe should be stressed. If Modern European history only is included in the preparation, emphasis should be given to the absolute monarchy of Louis XIV, colonial expansion and rivalries, the constitutional monarchy in England, the despotism of Frederick the Great, the republican government of France, the Napoleonic epoch, and the main facts in the political development of Europe since 1815. *One unit.*

English History. Only brief reference to the period before 1066 need be made. Up to the time of the Tudors the treatment should be topical rather than exhaustive. The Norman Conquest relations with France, Scotland and Ireland, Magna Charta, the rise of parliamentary government, developments in the Christian Church, the struggle between Crown and Parliament, the wars with France including commercial and colonial expansion in America and the East, the revolt of the American colonies, the revolution in agriculture, industry and transportation are among the topics with which the candidate should be made familiar. Attention should be given to important epochs, movements and personalities rather than to the reigns of monarchs. *One unit.*

American History. The period prior to 1763 may be treated briefly and about equal attention should be given to the periods up to

and after 1865. Careful attention should be given to map studies. The subjects of territorial expansion and social and industrial growth should receive ample consideration. In the later period the foreign policy of the United States, the tariff, banking, civil service, currency, trusts, conservation of natural resources, capital and labor and immigration constitute the more important topics. Familiarity with the lives and public services of great Americans should be especially encouraged. *One unit.*

World History. A world survey, that shall show in broad perspective how Man has learned to live the group life, to associate with his fellows; one that shall deal with essentials only but without loss of sequence, and so grouped as to show the outstanding epochs through which the race has struggled on its way up from savagery to civilization.

Such a one-year course will necessarily be extensive in character, though time can easily be found for committee reports and class discussions on especially interesting and important topics. Care must be taken that "extensive" shall not become a synonym for "superficial." *One unit.*

SOCIAL SCIENCE

Problems of Democracy. Young people face social problems, not social sciences; but they must go to these sciences for explanations and possible solutions. Accordingly, this course should train the pupils to read, to think, to weigh evidence; in short, to learn the elementary technique of investigation. As an important by-product, a solid foundation will have been laid for the social sciences—economics, political science, and sociology. To accomplish this result, free use must be made of the fundamental concepts and theories; and care must be taken not to confuse problems with remedies. *One unit.*

Government. A course in the fundamentals of American government—local, state and national. Comparison should be made between the English Cabinet or Parliamentary system and our own non-Parliamentary or Presidential system. Considerable attention must be given to the newer experiments in government and to the organization and work of political parties. *One-half unit.*

Economics. An introductory study of the production, distribution, and consumption of wealth, and of Man in his relation to wealth.

Constant application of the underlying theories should be made to problems of the day, in order that the pupils may learn to *use* Economics and not simply learn *about* the subject. *One-half 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

Physics. Instruction should include the use of a textbook suitable for secondary schools, lectures with emphasis on demonstrations to illustrate qualitative aspects and practical applications, recitations including the solution of problems in which the pupil should be encouraged to use the simple principles of algebra and geometry, and individual laboratory work requiring at least the time of twenty-five double periods. The experiments performed by each pupil should number at least twenty-five. The aim of laboratory work should be to cultivate accurate observation and clearness of thought and expression. Attention should be paid to common illustrations and to industrial and household application of physical laws. *One unit*.

Chemistry. The preparation should emphasize the general principles which are involved in the laboratory and textbook study and should give the student a comprehensive and connected view of the most fundamental facts and laws of elementary chemistry and their applications. The individual laboratory work should comprise at least thirty experiments. The properties of elements and compounds studied should be those which serve for recognition, or illustration of a chemical principle, or relate to some important household or industrial use. It should be an aim of the teacher to emphasize the importance of chemistry in the industrial and economic growth of our modern civilization. *One unit*.

Physical Geography. The most essential facts comprehended under such topics as the Earth as a Globe, the Ocean, the Atmosphere and the Land. The preparation should include the study of a good secondary school textbook and individual laboratory work comprising at least twenty exercises. From one-third to one-half of the classroom work should be devoted to laboratory exercises, which in fall and spring may be supplanted by field trips. *One-half unit.*

Botany. The candidate's preparation should include the structure, physiology, life-history and classification of plants together with the relation of the latter to human welfare in such matters as food, clothing, medicine, fuel, furniture, building and decoration. At least one-half the time should be devoted to practical studies in the laboratory. *One-half unit.*

Zoölogy. The study of the structure, physiology, life-history and classification of animals and their relation to human welfare covering such subjects as the economic value of insects, their relation to disease, methods of extermination, the economic value of birds, necessity of bird protection, etc. At least one-half of the classroom work should be devoted to laboratory exercises. *One-half unit.*

Physiology. Human physiology involving the essentials of deglutition, digestion, absorption, circulation, respiration, secretion, excretion, locomotion and nervous functions. The subject as presented in any good secondary school textbook will be acceptable. *One-half unit.*

MECHANICAL DRAWING

Thoroughness in fundamentals should be the main feature of the preparation. The right use of drawing instruments, the primary principles of projection, and accuracy in work should be made matters of drill. Ability to use some standard form of single stroke free hand lettering and the proper method of inserting explanatory notes should be developed. The time required to accomplish the work should be approximately 100 hours. *One-half unit.*

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. Until students have fully completed their matriculation (see page 23) they are not permitted to represent the college in any public performance except the regularly constituted Freshman athletics.

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.

Students of the Third and Fourth Years who, in the preceding semester, received no grade lower than B are placed on their own responsibility for attendance upon classes.

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.

GROUP ADVISERS

At the beginning of the year the Faculty appoints from its own number an Adviser for the students in each of the seven Groups in which the courses of instruction are offered. He is the medium of communication between the Faculty and the students of his Group. The approval of the Group Adviser is necessary before a student may register for or enter upon any course of study, or discontinue any work.

COUNSELORS

Each First Year student is assigned to a member of the Faculty who is his Counselor for friendly advice and guidance in the making of personal and social adjustments and in the correlation of his intellectual interests with the curriculum requirements.

PUBLIC WORSHIP

Students are required to attend religious services in the college chapel each day of recitations, except Saturday, 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.

COLLEGE PRINCIPLES

The College is committed both in principle and by tradition to a policy which opposes unnatural distinctions among its students. 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 a central representative body known as the Council, maintains order and encourages self-control in social and civil affairs. The life of the young women also is regulated through a system of self-government 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 well-lighted and well-ventilated dining rooms constructed on 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 BROWNBACK, ASSISTANT PROFESSOR OLD,
ASSISTANT PROFESSOR SNELL, MR. WAGNER

A-B. INTRODUCTION TO SCIENCE. The methods and aims of the sciences, the structure and organization of the physical universe, and the part which the sciences have played in the development of civilization. A broad foundation is given in preparation for the more specialized course in a single science required in the second or third year. The course will put the student in a position to appreciate, and to investigate further in his own reading the place of science in modern life. The departments of Biology, Chemistry, Physics and Astronomy are jointly responsible for the course which consists of lectures, demonstrations, recitations, and required readings, and is given to the class as a whole without subdivision into sections. Required of First Year students in all except the Chemistry-Biology and Physical Education Groups. Two hours per week throughout the year. *Four semester hours.*

1. SANITATION AND HYGIENE. Study of the structure and physiology of systems in relation to personal hygiene. Lectures, papers and discussions. Two hours per week. *Two semester hours.*

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

3-4. GENERAL BIOLOGY. A survey of the biological facts and problems of the plant and animal kingdom. One semester is devoted to the study of Zoölogy, the other to Botany. In both instances correlated laboratory and lecture work is definitely planned. Two hours lecture and four hours laboratory work. *Eight semester hours.*

6. **ADVANCED BOTANY.** A course designed to acquaint the student with the principles of taxonomy and plant ecology. Lectures and discussions followed with field and laboratory work. Prerequisite, Course 3-4. *Two semester hours.*

Course 6 is required for students intending to apply for certification in Pennsylvania for the teaching of Botany. (See page 43 Requirements for Certification in Pennsylvania, 1c).

7-8. **VERTEBRATE ANATOMY.** The comparative anatomy and relationships of the chordates. Prerequisite, Course 3-4. 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 3-4. One hour lecture and six hours laboratory work. *Eight semester hours.*

Course 7-8 alternates with Course 9-10. Course 7-8 will be given in 1935-36.

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 open to Third and Fourth-Year students only.

15-16. **GENERAL PHYSIOLOGY.** The study of the physical, chemical and physico-chemical processes taking place in living matter. Prerequisite, courses 3-4, 7-8 or 9-10 and Chemistry 1-2 and 7-8. Opportunity is given for students to investigate assigned problems at times other than regular hours. One hour lecture and six hours laboratory work. *Eight semester hours.*

17-18. **ANATOMY AND PHYSIOLOGY.** The human skeleton; muscular, respiratory, and circulatory systems; the internal organs; the special senses; all considered with reference to structure and function; secretion, absorption and elimination. Models, charts, and parts of the human cadaver. Three hours per week. *Six semester hours.*

Course 17-18 is prescribed for students in the Physical Education Group.

NOTE.—A working knowledge of the leading biological contributions to present-day thought is presented in Courses 3-4 and 11-12. Students of the Chemistry-Biology Group taking their major work in biology must complete not less than twenty-four hours of work in the

department. In most cases, this requirement will be met by taking courses 1, 3-4, 6, 7-8 or 9-10, and 11-12. Such students will also be expected to take Chemistry 1-2 and 7-8, and Physics 1-2. Prospective medical students taking the full college course should take Courses 1, 3-4, 7-8, 9-10, and 15-16 if possible.

CHEMISTRY

PROFESSOR BEARDWOOD, PROFESSOR STURGIS, MR. PETTIT

A-B. INTRODUCTION TO SCIENCE. See BIOLOGY, Course A-B, p. 36.

1-2. GENERAL CHEMISTRY. The facts, theories and laws of the chemistry of the commoner elements, their uses and industrial applications presented in demonstrated lectures accompanied by oral and written recitations. The laboratory work and lectures are kept parallel. The student preserves a record of laboratory observations which must be submitted to the instructor for correction and approval. Two hours lectures and four hours laboratory work. *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, Course 1-2. Two hours lectures and four hours laboratory work. *Eight semester hours.*

5-6. QUANTITATIVE ANALYSIS. A study of the most acceptable methods of gravimetric and volumetric analysis. Prerequisite, Course 3-4. Two hours lectures and six hours laboratory work. *Eight semester hours.*

7-8. ORGANIC CHEMISTRY. The study of the properties, synthesis and structure of the most important classes of the carbon compounds. Prerequisite, Course 1-2. Two hours lectures and six hours laboratory work. *Eight semester hours.*

9-10. PHYSICAL CHEMISTRY. The course includes a study of atomic structure, radio-activity, the states of matter, the properties of solutions, and other topics. Prerequisites, Physics 1-2; Courses 1-2 and 3-4 or 7-8. Two hours lectures and two hours laboratory work per week. *Six semester hours.*

9a-10a. PHYSICAL CHEMISTRY. Laboratory. This course may be taken with Course 9-10. Two hours per week throughout the year or preferably four hours per week for one semester. *Two semester hours.*

11-12. CHEMICAL PHYSIOLOGY AND CHEMISTRY OF NUTRITION. The study of the chemical composition of the body and the chemical

changes it undergoes; the chemistry of foods, the action of the digestive enzymes upon them; the chemistry of the different body fluids. The study of normal nutrition as it involves the adaptation of foods and dietaries to age, activity and climate; also as it relates to economic, social and racial needs of the individual, the home, the school and the community; the causes and treatment of malnutrition. Prerequisites, Course 1-2 and Biology 17-18. Two hours lectures and two hours laboratory work. *Six semester hours.*

Course 11-12 is prescribed for students in the Physical Education Group.

ECONOMICS

PROFESSOR BOSWELL, ASSOCIATE PROFESSOR BONE

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 elective in all 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, competition, and other current problems. Three hours per week. *Six semester hours.*

Course 3-4 is a prerequisite for all other courses except Course 1, 2.

5. 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.*

6. BUSINESS 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, Courses 3-4 and 11-12. Three hours per week. *Three semester hours.*

Courses 5 and 6 alternate with Courses 19 and 20. Courses 19 and 20 will be given in 1935-36.

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.*

9-10. **MONEY AND BANKING.** A brief study of monetary and banking theories followed by a careful analysis of the services and methods of operation of various financial institutions such as commercial banks, clearing house associations, the Federal Reserve banks, Farm Loan banks, note brokers, commercial paper houses, finance companies, and investment houses. Three hours per week. *Six semester hours.*

Course 9-10 alternates with Courses 13 and 14. Courses 13 and 14 will be given in 1935-36.

11-12. **PRINCIPLES OF ACCOUNTING.** Fundamental principles involved in single ownership, partnership, and corporate forms of organization, including large enterprises and manufacturing types of business; rules for debit and credit, journalizing, operation of columnar books with and without controlling accounts, methods of handling cash, inventories, preparation of trial balance and financial statements and closing the books; procedure for handling capital stock, bonds, valuation reserves. Problems, questions, and a systematic practice set supplement the work. Two hours lectures, two hours laboratory per week. *Six semester hours.*

13. **PUBLIC FINANCE AND TAXATION.** A study of the general principles of public expenditures, public revenues, public indebtedness and financial administration. Attention will be given to the principles and workings of the Federal Income Tax law. There will be class assignments in solving actual income tax problems. Two hours per week. *Two semester hours.*

14. **RAILWAY TRANSPORTATION.** A study of the financing of railroad construction in the United States; rate making, routing, personal and territorial discrimination, competition and consolidation; state and federal legislation and regulation; government operation;

criticisms of some of the proposed solutions of our railway problems. Three hours per week. *Three semester hours.*

16. BUSINESS LAW. An introductory course covering the fundamental principles and procedures governing contracts, sales, negotiable paper, partnerships, corporations and business associations. Lectures, readings and study of cases and problems. Prerequisite, Courses 3-4 and 6. Three hours per week. *Three semester hours.*

17, 18. BUSINESS ORGANIZATION. A survey study of the organization and management of industrial activities and their relation to each other. The historical background, organization, physical plant, standardization, wage payment methods, employment and handling of men; control of production, planning and operation; executive control. Prerequisite, Course 3-4. Three hours per week. *Six semester hours.*

19. ADVANCED ACCOUNTING. A study of advanced accounting principles, and the application of principles to the analysis of problems. The principal subjects discussed are analysis of profits, application of funds, capital expenditures and depreciation policies, determination of costs for inventory valuation, installment accounts, branches and agencies. Special consideration will be given to consolidation, reorganization, and liquidation. Prerequisite, Course 11-12. Two hours per week. *Two semester hours.*

20. INTRODUCTORY COST ACCOUNTING. A study of the fundamental principles of cost accounting. Methods of finding the cost of specific orders or lots, fundamentals of process costs, accounting for by-products and joint products, estimate costs, and standard costs. Emphasis is placed upon the bookkeeping procedure, also on acquiring familiarity with the use of forms commonly used in cost accounting. Prerequisite, Course 11-12. Two hours per week. *Two semester hours.*

Courses 19 and 20 alternate with Courses 5 and 6. Courses 19 and 20 will be offered in 1935-36.

MATHEMATICS OF FINANCE. See MATHEMATICS, Courses 13-14 and 15-16, p. 54.

EDUCATION

PROFESSOR TYSON, ASSOCIATE PROFESSOR HEIGES,
ASSISTANT PROFESSOR MICHAEL

1. INTRODUCTION TO TEACHING. 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

for all students of education. Three hours per week. *Three semester hours.*

Course 1 is given in both the first and second semesters.

2. 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.*

Course 2 is given in both the first and second semesters.

3. 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. Prerequisite, Psychology 1 or 2. Three hours per week. *Three semester hours.* See PSYCHOLOGY, Course 5.

Course 3 is given in both the first and second semesters.

4. PRINCIPLES OF TEACHING AND LEARNING. The application of the principles of educational psychology to teaching in the secondary school; the teacher as a director of learning; the activities in which the teacher is called upon to engage. This course is required by the department for all persons who expect to qualify for practice teaching. Three hours per week. *Three semester hours.*

Course 4 is given in both the first and second semesters.

5. 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. Individual and group conferences. Prerequisite, Course 4. *Three semester hours.*

Course 5 is for Fourth year students only. The work is open in the second semester for those whose schedules require it. A fee of twenty-five dollars is charged each student engaged in Practice Teaching to help meet costs of administration.

7. HISTORY OF EDUCATION. The development of educational ideas, institutions and practices to the present time, providing a liberal outlook on civilization. Foundation elements—Greek, Roman and Christian. Great educational movements; 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. Three hours per week. *Three semester hours.*

10. EDUCATIONAL AND PSYCHOLOGICAL TESTS AND MEASUREMENTS. An introductory survey of the field of measurement in education,

including measurement of intelligence and school results; main features of the technique of testing and test construction; types of tests and scales; evaluation; interpretation; use. Prerequisite, Education 3. Three hours per week. *Three semester hours.*

COURSE IN THE TEACHING OF SOCIAL STUDIES. See Political Science, Course 21-22, p. 64.

REQUIREMENTS FOR STATE CERTIFICATION TO TEACH. In *Pennsylvania*: Courses 1, 3 and 5, six semester hours of electives, and at least eighteen semester hours of work in College in each subject to be covered by the certificate. The following specific requirements should be noted: For certification in Social Studies, 9 semester hours of History and 9 of Social Sciences (Economics and Political Science); in the Natural Sciences—three types of certification: (a) nine semester hours of Physical Sciences including at least 3 of Physics and 3 of Chemistry, and 9 semester hours of Biological Sciences including at least 3 of Botany and 3 of Zoölogy; (b) at least 6 semester hours of Physics and 6 of Chemistry; (c) at least 6 semester hours of Botany and 6 of Zoölogy. For these three types of preparation respectively, the subjects, Science, Physical Science and Biological Science are entered on the certificate.

Students preparing to teach in states other than Pennsylvania should consult the Professor of Education to ascertain the specific course requirements of the particular state in which they wish to be certified.

To meet the requirements for certification to teach, preparation should be begun not later than the first semester of the Second Year.

The teaching fields in secondary schools are usually grouped as follows: English, Mathematics, Foreign Languages, Natural Sciences, Social Studies, Music, Art, and Physical Training. Students aiming to teach should confer with the Professor of Education or with their Adviser in choosing the field for which they will prepare.

ENGLISH

PROFESSOR MCCLURE, PROFESSOR WITMER,
PROFESSOR BANCROFT, MR. YOST

COMPOSITION

1-2. FIRST-YEAR ENGLISH. The study of the principles of writing, with special attention to exposition; the study of modern prose specimens as models; the reading of certain English and American books for the purpose of developing the ability to enjoy literature. Three hours per week. *Six semester hours.*

Course 1-2 is prescribed for First-Year students in all the Groups.

3-4. **ADVANCED RHETORIC AND COMPOSITION.** Recitations based on an advanced textbook of Rhetoric, supplemented with lectures, to help students acquire individuality and flexibility of style; rhetorical analysis, requiring a critical study of prose models; frequent short and occasional long compositions for practice; supplementary readings and individual conferences. Three hours per week. *Six semester hours.*

Course 3-4 is elective for all students who have passed Course 1-2.

5, 6. **EXPOSITION AND ARGUMENTATION.** A study of the principles that underlie effective explanation, conviction, and persuasion, based on textbooks, lectures, supplementary readings, and personal conferences; analysis of typical models; frequent writing of outlines, briefs, abstracts, and compositions. Three hours per week. *Six semester hours.*

Course 5, 6 is elective for all students who have passed Course 1-2.

Course 5, 6 alternates with Course 7, 8. Course 5, 6 will be given in 1935-36.

7, 8. **DESCRIPTION AND NARRATION.** A study of the principles underlying these imaginative types, based on textbooks, lectures, supplementary reading, and personal conferences; critical study of literary masterpieces; constant practice in writing factual and fictional compositions of both types. Three hours per week. *Six semester hours.*

Course 7, 8 is elective for all students who have passed Course 1-2.

LITERATURE

3-4. **SURVEY OF ENGLISH LITERATURE.** The history of English literature from the beginnings to the present. Special attention is given to the social background. Two hours per week. *Four semester hours.*

Course 3-4 is prescribed for Second-Year students in the English Group and is elective in other Groups.

5. **THE ENGLISH ESSAY. EIGHTEENTH CENTURY.** A study of the essay and non-fictional prose from the age of Queen Anne to the end of the eighteenth century. Lectures on the essay before Addison. Two hours per week. *Two semester hours.*

Course 5 is prescribed for Third-Year and Fourth-Year students in the English Group and is elective in other Groups.

6. **THE ENGLISH ESSAY. NINETEENTH CENTURY.** A study of the essay and non-fictional prose from Lamb to Stevenson, with some attention to the essay since 1900. Two hours per week. *Two semester hours.*

Course 6 is prescribed for Third-Year and Fourth-Year students in the English Group and is elective in other Groups.

Courses 5 and 6 alternate with Courses 7 and 8. Courses 7 and 8 will be given in 1935-36.

7. ENGLISH POETRY, 1660-1798. A study of English poetry from the Restoration to the publication of the *Lyrical Ballads*. The rise and decline of neo-classicism and the beginnings of the romantic revival are stressed. Two hours per week. *Two semester hours*.

Course 7 is prescribed for Third-Year and Fourth-Year students in the English Group and is elective in other Groups.

8. ENGLISH POETRY, 1798-1830. A study of the romantic revival in English poetry from Wordsworth to Tennyson. A consideration of the political and social movements of the period. Two hours per week. *Two semester hours*.

Course 8 is prescribed for Third-Year and Fourth-Year students in the English Group and is elective in other Groups.

9, 10. SHAKESPEARE. The development of English drama from the beginning to 1642; the reading of Shakespeare and his contemporaries. Three hours per week. *Six semester hours*.

Courses 9 and 10 are prescribed for Third-Year and Fourth-Year students in the English Group and are elective in other Groups.

Courses 9 and 10 alternate with Courses 15 and 16. Courses 9 and 10 will be given in 1935-36.

11-12. INTRODUCTION TO ANGLO-SAXON AND THE HISTORY OF THE ENGLISH LANGUAGE. Two hours per week. *Four semester hours*.

Course 11-12 is prescribed for Second-Year students in the English Group and is elective in other Groups.

15. MODERN POETRY. English and American poetry from 1890 to the present. Two hours per week. *Two semester hours*.

Course 15 is elective for Second-Year, Third-Year, and Fourth-Year students in all Groups.

16. ENGLISH POETRY, 1500-1660. The development of narrative and lyric poetry. Two hours per week. *Two semester hours*.

Course 16 is elective for Third-Year and Fourth-Year students in all Groups.

Courses 15 and 16 alternate with Courses 9 and 10. Courses 9 and 10 will be given in 1935-36.

17. THE ENGLISH NOVEL. A reading course in the development of the novel from its origin to the present, with special attention to the novel since 1890. Two hours per week. *Two semester hours*.

Course 17 is elective for Second-Year, Third-Year, and Fourth-Year students in all Groups.

18. MODERN DRAMA. A reading course in the modern European and American drama from Ibsen to the present. The contemporary drama in English is stressed. Two hours per week. *Two semester hours.*

Course 18 is elective for Second-Year, Third-Year, and Fourth-Year students in all Groups.

Courses 17 and 18 alternate with Course 19-20. Courses 17 and 18 will be given in 1935-36.

19-20. AMERICAN LITERATURE. A study of American literature from Colonial times to the present, with a consideration of the social history of the period. Two hours per week. *Four semester hours.*

Course 19-20 is prescribed for Third-Year and Fourth-Year students in the English Group and is elective in other Groups.

21-22. COMPARATIVE LITERATURE. A study of Ancient Classical Literature of Greece and Rome in English translations, offering a comprehensive background for English Literature in the works of Homer, Pindar, Herodotus, Thucydides, Æschylus, Cicero, Lucretius, Horace, Virgil and others. Two hours per week. *Four semester hours.*

23-24. COMPARATIVE LITERATURE. The principal writings of Mediæval and Modern European Literature from the Eddas to Dante and his circle; Renaissance in Italy and France; the French Classical Period; Romantic Revival; St. Beuve to Croce; in English translations. Two hours per week. *Four semester hours.*

Courses 21-22 and 23-24 are elective for Third-Year and Fourth-Year students in all Groups.

Course 21-22 alternates with Course 23-24. Course 21-22 will be given in 1935-36.

25. SEMINAR. The study and teaching of English: a consideration of problems, materials, and methods. Three hours a week. *Three semester hours.*

Course 25 is prescribed for Fourth-Year students in the English Group. Others are admitted only by special permission.

FRENCH

PROFESSOR SIBBALD, DR. HARTZELL

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

Six semester hours of the foreign language accepted in satisfaction of the prescribed requirement for admission in which the

student shall have passed a satisfactory achievement test at matriculation, otherwise twelve semester hours; or twelve semester hours of a foreign language begun in college, the aim being to have a reading knowledge of at least one foreign language by the end of the Second Year.

1-2. BEGINNING FRENCH. (For those who begin French in College, those who have had one year of High School French, and those who have had two years of High School French but show an insufficient knowledge of the subject in the Freshmen placement examinations. These latter must make a grade of B in the course to receive credit.) Beginning grammar and pronunciation, with elements of phonetics. Irregular verb drill. Uniform note books. Reading and translation of graded texts to begin late in the first semester. Three hours per week. *Six semester hours.*

3-4. INTERMEDIATE FRENCH. Review of French grammar and syntax, with more advanced treatment of phonetics. Special attention to verbs and idioms. Conversation in second semester. Original compositions. Uniform note books. Reading and translation of graded texts once a week. Prerequisite, Course 1-2, or equivalent. Three hours per week. *Six semester hours.*

5-6. FRENCH LITERATURE FROM 1830 TO 1900. Readings and translations of French prose, poetry, and drama since the beginning of the Romantic movement. Class discussions in French. Lectures in French on French literature and literary movements during the nineteenth century. Outside readings. Prerequisite, Course 3-4, or equivalent. Two hours per week. *Four semester hours.*

7-8. ADVANCED FRENCH COMPOSITION. Advanced treatment of French grammar and syntax. Intensive drill on up-to-date idioms. Practice in written and spoken French. Original compositions in French. Uniform note books. Continued practice in conversation. Prerequisite, Course 3-4, or equivalent. Two hours per week. *Four semester hours.*

Course 7-8 alternates with Course 13-14. Not offered in 1935-36.

9-10. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Readings and translations of French prose, poetry, and drama of the Classical Period of French Literature. Class discussions in French. Original compositions and reports in French on important authors and phases of the seventeenth century. Lectures in French on Classicism and on the literary movements of the seventeenth century. Out-

side readings. Prerequisite, Course 5-6. Two hours per week. *Four semester hours.*

Course 9-10 alternates with Course 11-12. Not offered in 1935-36.

11-12. FRENCH LITERATURE FROM 1700 TO 1830. Readings and translations of French prose, poetry, and drama from the decline of Classicism to the beginning of Romanticism. Class discussions in French. Original compositions and reports in French on important authors and phases of this period. Lectures in French on the literary movements of the period. Outside readings. Prerequisite, Course 5-6. Two hours per week. *Four semester hours.*

Course 11-12 alternates with Course 9-10. Offered in 1935-36.

13-14. COMPOSITION AND CONVERSATION. A course similar to French 7-8, but with more emphasis on free composition in French. Second semester devoted to oral composition in French and class conversation. Supplementary work in arranging programmes for Le Cercle français. Two hours per week. *Four semester hours.*

Course 13-14 alternates with Course 7-8. Course 13-14 will be offered in 1935-36.

21. TEACHERS' COURSE IN FRENCH. Detailed study of French pronunciation, phonetics, and diction. Review of advanced syntax and up-to-date idioms. Outside readings. Reports in French on selected subjects. Class discussions and conversation in French. Discussion of modern texts, class methods, and class problems. Prerequisite, Course 7-8 and Course 9-10 or 11-12. Three hours per week. *Three semester hours.*

GERMAN

PROFESSOR YOST, DR. HARTZELL

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

Six semester hours of the foreign language accepted in satisfaction of the prescribed requirement for admission in which the student shall have passed a satisfactory achievement test at matriculation, otherwise twelve semester hours; or twelve semester hours of a foreign language begun in college, the aim being to have a reading knowledge of at least one foreign language by the end of the Second Year.

1-2. ELEMENTARY GERMAN. Drill in pronunciation; the essentials of grammar; practice in speaking and writing; reading of simple prose and poetry. 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. Reading of tales, short stories and novels. Constant attention is given to pronunciation and syntax. Three hours per week. *Six semester hours.*

5, 6. INTERMEDIATE GERMAN. Review of grammar; conversation and written composition. Reading of short stories, lyrics and ballads. Reading of easy prose at sight. Three hours per week. *Six semester hours.*

Course 3, 4 alternates with Course 5, 6. Course 3, 4 will be offered in 1935-36.

7, 8. GERMAN OF THE CLASSIC PERIOD. Reading of works by Lessing, Schiller, and Goethe, with a study of the classic period. Outline of the history of German literature. Written themes on assigned topics. Two hours per week. *Four semester hours.*

9, 10. MODERN GERMAN LITERATURE. Reading of the works of representative writers of the Nineteenth and Twentieth centuries. Outline of the history of the literature of this period. German newspapers; written themes on assigned topics. Two hours per week. *Four semester hours.*

Course 7, 8 alternates with Course 9, 10. Course 7, 8 will be offered in 1935-36.

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. ORAL AND WRITTEN COMPOSITION. This course comprehends a thorough drill in both oral and written composition. The principles of grammar are reviewed and syntax is stressed in the preparation of the written work as well as in oral expression. Special attention is given to the use of correct idiom. Two hours per week. *Four semester hours.*

Course 11-12 alternates with Course 13-14. Course 13-14 will be offered in 1935-36.

21. TEACHERS' COURSE. A thorough drill in phonetics; special attention is given to correct pronunciation and the methods of teaching correct pronunciation; lectures and discussions on the methods of teaching foreign languages; a survey of textbooks and other material suitable for elementary classes. Three hours per week. *Three semester hours.*

GREEK

ASSOCIATE PROFESSOR BAKER

1-2. BEGINNING GREEK. The first semester is devoted to mastery of the elements of the language; in the second, enough of the *Anabasis* of Xenophon is read to give the student facility in reading simple Attic prose. Much attention is paid to the Greek element in English as an aid to the proper understanding of scientific terms. Three hours per week. *Six semester hours.*

Course 1-2 is elective for students in all Groups.

3. INTERMEDIATE GREEK. Arrian, *Life of Alexander the Great*, Herodotus, selections. Three hours per week. *Three semester hours.*

4. HOMER. Selections from the *Iliad* and the *Odyssey*. Three hours per week. *Three semester hours.*

5-6. GREEK HISTORY AND COMEDY. Thucydides and Aristophanes, selections. This course will include papers and outside readings and is designed to give the student a complete picture of Athens during the latter half of the fifth century, B.C. Three hours per week. *Six semester hours.*

7. LATER GREEK PROSE. Selections from Xenophon, Aristotle, and Lucian. Three hours per week. *Three semester hours.*

8. NEW TESTAMENT GREEK. The Gospel of St. Luke and the Acts of the Apostles. Papers and lectures on Hellenistic religions. Three hours per week. *Three semester hours.*

HISTORY

PROFESSOR WHITE, ASSOCIATE PROFESSOR CARTER

1-2. HISTORY OF EUROPEAN CIVILIZATION. A course designed to form a background for advanced courses in the Social Sciences and also to be of value to students majoring in other departments. A survey of the life of primitive man, the ancient civilizations of the Near and Far East, of Greece and Rome, and the cultural development of the European nations. Wide collateral reading. Three hours per week. *Six semester hours.*

Students in all Groups are required to take Course 1-2 in their First or Second Year.

3. RENAISSANCE AND REFORMATION. A study of society, life, and thought during the period of transition from medieval to modern times. The effect of the Renaissance upon religious thought and expression. Political consequences of these developments. Three hours per week. *Three semester hours.*

4. SEVENTEENTH AND EIGHTEENTH CENTURY EUROPE. The political dominance of France and England, with the rise of Russia and Prussia, will be presented against a background of intellectual and economic change. Attention will be directed to the leaders of political and social thought and their personalities. Three hours per week. *Three semester hours.*

Courses 3 and 4 alternate with Course 7, 8. Courses 3 and 4 will be offered in 1935-36.

5, 6. EUROPE AND ASIA SINCE 1789. The French Revolution, the Napoleonic period, and the Congress of Vienna. The Industrial Revolution. Nineteenth Century democracy, nationalism, and imperialism. The World War, and the after-war readjustments. Three hours per week. *Six semester hours.*

Course 5, 6 alternates with Courses 11 and 12. Courses 11 and 12 will be offered in 1935-36.

7, 8. HISTORY OF ENGLAND AND THE BRITISH EMPIRE. First semester: English political and institutional history from the early Britons to William III. Development of language and literature. Second semester: England as a constitutional monarchy. Development of Parliament and the Cabinet; the growth of the Empire; problems in colonial and world relations. Three hours per week. *Six semester hours.*

Course 7, 8 alternates with Courses 3 and 4. Courses 3 and 4 will be offered in 1935-36.

9, 10. HISTORY OF THE UNITED STATES. Economic, social, and political phases of American History studied in connection with the constitution, political parties, the tariff, slavery, westward expansion, the growth of modern business, international relations and present day problems. Three hours per week. *Six semester hours.*

Open to Third-Year and Fourth-Year students who have had Course 1-2 or its equivalent.

11. AMERICAN COLONIAL HISTORY. Problems in colonial history, including the period of the Revolution and the Confederation. May be conducted in part as a seminar. Three hours per week. *Three semester hours.*

Open to Third-Year and Fourth-Year students who have had two years' work in history.

12. SEMINAR. Subjects chosen from Latin American, Far Eastern, or American Diplomatic History. Research accompanied by class discussion. Three hours per week. *Three semester hours.*

Open only to Third-Year and Fourth-Year students who have had two years' work in history.

Courses 11 and 12 alternate with Course 5, 6. Courses 11 and 12 will be offered in 1935-36.

13-14. CONTEMPORARY PROBLEMS. A study of the origins of questions of present importance, and of their development and significance. Manchuria, and international rivalry in the Far East; Gandhi, and Indian Nationalism; the Fascist movement; the Soviet State; problems growing out of after-war settlements; Peace Pacts and Disarmament; leaders of thought and action. Two hours per week. *Four semester hours.*

Course 13-14 is given in alternate years. Offered in 1935-36.

Members of the History-Social Science Group majoring in History are required to take eighteen hours of work from the foregoing courses. They must take either Course 3, 4 or Course 9, 10 and either Course 5, 6 or Course 11-12.

LATIN

PROFESSOR KLINE, ASSOCIATE PROFESSOR BAKER

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 desire to continue the study of Latin in college.

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 students who offer four units of Latin for admission and desire to continue the study of Latin in college.

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.*

Course 5, 6 alternates with Course 7, 8. Course 7, 8 will be given in 1935-36.

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.*

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 10 is elective for students intending to become teachers of Latin. It is given in connection with Courses 6 and 8.

MATHEMATICS AND ASTRONOMY

PROFESSOR CLAWSON, ASSISTANT PROFESSOR MANNING, MR. DENNIS

1, 2. COLLEGE ALGEBRA, TRIGONOMETRY. This course attempts to survey some of the important applications of mathematics in science and business, and to acquaint the student with the aims and methods of the subject. The emphasis is on utility and information rather than on formal statement. The historical development is indicated as far as possible. Three hours per week. *Six semester hours.*

Course 1, 2 is prescribed for all students who have been credited with only 3 units of Mathematics toward admission.

1a, 2a. COLLEGE ALGEBRA, TRIGONOMETRY. A more advanced course, presupposing the usual high school courses in these subjects. Two hours per week. *Four semester hours.*

Course 1a, 2a is required in the Chemistry-Biology Group, and is elective in other Groups, for students who have been credited with 3.5 units of Mathematics toward admission.

3-4. ELEMENTARY CALCULUS. A first course in infinitesimal calculus, comprising a study of the fundamental methods and applications of differential calculus and an introduction to integral calculus. Prerequisite, Mathematics 1, 2. Three hours per week. *Six semester hours.*

Course 3-4 is prescribed in the Mathematics and the Chemistry-Biology Groups.

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

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

Courses 5 and 6 are prescribed in the Mathematics Group.

In the courses of the first two years as above outlined, it is a chief aim of the Department, by careful supervision and as much individual attention as possible, to teach the student to read mathematics for himself with less and less reliance upon the instructor. To a considerable extent laboratory methods replace formal recitations, and some variation is permitted in rate of working and in ground covered in accordance with differences in ability.

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.*

9-10. INTRODUCTION TO MODERN GEOMETRY. The recent geometry of the triangle and quadrilateral; anharmonic ratio; ranges and pencils; projective geometry; non-Euclidean geometry. Prerequisite, Course 5, 6. Two hours per week. *Four semester hours.*

11, 12. INTRODUCTION TO MODERN ALGEBRA. The foundations of algebra; consistency, independence and sufficiency of postulates; finite groups, with applications in number theory and in theory of equations. Prerequisites, Courses 3, 4 and 5, 6. Two hours per week. *Four semester hours.*

Courses 9-10 and 11, 12 are given in alternate years. Course 9-10 is offered in 1935-36.

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.*

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

Courses 13-14 and 15-16 are offered mainly for students of economics or science who are interested in the applications of mathematics.

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

19-20. PROBLEMS AND REPORTS. One hour a week is regularly devoted to reports on current articles in journals or on other special topics. A weekly problem paper reviewing mathematics studied in former years is discussed at a second hour. Two hours per week. *Four semester hours.*

21-22. PROBLEMS AND REPORTS, SECOND COURSE. Students specializing in Mathematics will normally take work of the nature outlined in Course 19-20 for two years, the content being different in successive years. In this case, the second year is called Course 21-22. Description and credits as above.

MUSIC

PROFESSOR GOEPP, MISS HARTENSTINE, MR. LEMAN

1-2. EAR TRAINING AND SIGHT SINGING. Training in the accurate recognition of intervals; development of the rhythmic sense; writing from dictation of simple melodic phrases. A fundamental course. Two hours per week. *Four semester hours.*

3-4. HARMONY. Elementary and advanced harmony; Harmonization of melodies; modulation; modern harmony. Lectures and assigned work. One period per week. *Four semester hours.*

5-6. COUNTERPOINT. Counterpoint in two, three and four parts. Writing of obligatos, songs, part songs and madrigals. Lectures and assigned work. One period per week. *Four semester hours.*

7-8. CANON AND FUGUE. The writing of anthems. Lectures, discussions, criticisms and assigned work. One period per week. *Four semester hours.*

9-10. FREE FORM. The writing of instrumental music in sonata form. Lectures, discussions, criticisms and assigned work. One period per week. *Four semester hours.*

11-12. HISTORY AND APPRECIATION. Origin and growth of the art of music illustrated by records of Greek and early Christian music. The study of the masters, their forms, contributions and influence. Lectures and papers. Illustrations at the piano. One period per week. *Four semester hours.*

13-14. BAND AND ORCHESTRA. Ensemble class drills in the technical and artistic development of band and orchestral instrumental playing. Weekly rehearsals. Development of repertoire and routine and practical efficiency. One period class-work and rehearsal and two and one-half hours practice per week. *Four semester hours.* There are no extra charges for Band and Orchestra.

NOTE.—In the Department of Music the periods vary in length depending on the nature of the subject-matter treated and the number of students in the class. In every case sufficient time is given to fully cover the work embraced in the course.

PHILOSOPHY

PROFESSOR TOWER, PROFESSOR BANCROFT

One semester course in Philosophy is required of every student for graduation.

1. LOGIC. A study of the guiding principles involved in correct thinking; the use of terms; 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 1 alternates with Psychology 4. Offered in 1935-36.

2. ETHICS. A study of the principles of moral judgment, with exposition and criticisms of the more important theories concerning the basis of 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 2 is given in both the First and Second semesters.

3. PHILOSOPHY IN AMERICA. A study of currents of philosophic thought which have proved influential in America. The European background. The Colonial Period in America. Eighteenth century materialism and idealism. Influence of the Scottish School. Two hours per week. *Two semester hours.*

4. PHILOSOPHY IN AMERICA. Later schools of thought. Evolutionism in America. New England transcendentalism. The St. Louis School and the founding of a journal of philosophy. Later nineteenth century idealism. "The new ethical philosophy." "The American Philosophy, Pragmatism." Twentieth century realisms and idealisms. Two hours per week. *Two semester hours.*

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

6. MODERN PHILOSOPHICAL PROBLEMS. A more intensive study of problems outlined in Philosophy 3 and Philosophy 5, continuous with Course 4, but affording further orientation for the more detailed and critical treatment of topics considered in Course 9-10. Prerequisite: Psychology 1 and Courses 3 and 5 or 8. Three hours per week. *Three semester hours.*

7. HISTORY OF ANCIENT AND MEDIEVAL 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 7 unless they also take Course 8.

8. 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.*

9-10. 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. Prerequisite, nine semester hours in Philosophy. Two hours per week. *Four semester hours.*

NOTE: Courses in Philosophy are open only to Third and Fourth year students. Candidates for Department Honors must have had twelve semester hours in Philosophy.

PHYSICAL EDUCATION

PROFESSOR BROWNBACK, ASSOCIATE PROFESSOR GERNEY,
ASSISTANT PROFESSOR SNELL, MR. JOHNSON, MR. FOERTSCH, MR. NELSON,
MRS. OGDEN, MR. McAVOY, MR. CHASE, MISS OUDERKIRK

1-2. INTRODUCTION TO PHYSICAL EDUCATION. Interpretation of Physical Education; survey of content, terminology and technique of the various activities; definitions and special aims as determined by the functional or developmental effects of the various activities; physiological effects of the various activities. Two hours per week. *Four semester hours.*

3. **FIRST AID.** Modes of infection; use of insecticides, germicides, disinfectants; methods of dressing and bandaging; what to do and what not to do in case of injuries and accidents; first aid treatment for hemorrhages, bruises, strains, sprains, dislocations, fractures; diagnosis and treatment of poisoning, etc. The American Red Cross will grant a certificate to those who pass an approved examination. One hour per week. *One semester hour.*

4. **THEORY OF PLAYS AND GAMES.** A course in the theories, characteristics, methods and value of play; consideration of the social, educational and biological aspects of play. A development in the various types of expression and interest through the different age levels. Two hours per week. *Two semester hours.*

5-6. **PRINCIPLES AND METHODS OF PHYSICAL EDUCATION.** The content and ideals of physical education. The kind, classification, selection, management, and graduation of physical exercises; the construction of lessons to such varying factors as age, sex, gymnastic plant, and type of community. Two hours per week. *Four semester hours.*

7. **PRINCIPLES AND METHODS OF COACHING.** Organizing and developing a team; offensive and defensive tactics; play in various positions. Correct and incorrect form studied and visualized by photograph, stereoptical and moving pictures. Football, Soccer, Basketball, Baseball, Track and Field Athletics, Hockey and Swimming. Two hours per week. *Two semester hours.*

8. **ORGANIZATION AND ADMINISTRATION OF ATHLETICS.** Value of sports for all; methods of creating interest; managers and captains; eligibility; transfer rules; coaching; officials; schedule making; intramural programs; budgeting; construction and care of fields. Two hours per week. *Two semester hours.*

9. **ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION.** The organization of the department of physical and health education from the standpoint of the problems and responsibility of department heads; duties of staff and its relationship in organization and administration to other departments; rating and selection of teachers; teaching load; making of schedules, records and reports; order and discipline; construction and equipment of the physical plant and the administration of its use. Two hours per week. *Two semester hours.*

10. **ORGANIZATION AND ADMINISTRATION OF RECREATION.** Management and activities of playgrounds, community and settlement houses;

equipment and arrangement of apparatus, places for games, wading pools and buildings; methods of organization; management and arrangement of programs. Lectures, topic assignments and visitations. Two hours per week. *Two semester hours.*

12. HYGIENE. The symptoms of diseases of school children; communicable diseases; tuberculosis, tonsillar and adenoid diseases. A study of acute communicable diseases, scarlet fever, diphtheria, measles, chicken pox, etc., particularly as regards the early symptoms, so that teachers may advise parents to seek medical advice. A study of community hygiene from the standpoint of the teacher. This course is essentially designed for students in Physical Education and for others who wish to be certified in New Jersey. Prerequisite, Biology 1. Two hours per week. *Two semester hours.*

13. APPLIED ANATOMY (KINESIOLOGY). Principles of bodily movements; detailed study of the important muscle groups engaged in the various body movements; all of the fundamental movements and exercises in gymnastics and athletics are analyzed. Two hours per week. *Two semester hours.*

14. PHYSIOLOGY OF EXERCISE. The Physiological effect of exercise upon the structures and functions of the body; upon respiration, circulation, nutrition, nervous system and the organs of elimination; problem of conditioning, training, overwork, stiffness, fatigue and breathlessness; effects of exercises of strength, skill, endurance and speed. Two hours per week. *Two semester hours.*

15. PHYSICAL DIAGNOSIS AND PRESCRIPTION WORK. Study of the normal human body and structural deviations with regard to abnormal posture, curvature of spine, round shoulders and flat chest, low right or left shoulder, flat feet and weakness of muscle groups; impaired vision and hearing; abnormal conditions of mouth, throat, and nose. Study of the various examination blanks; methods of making health examinations, anthropometric measurements and the correction of remediable defects. Two hours per week. *Two semester hours.*

16. HEALTH EDUCATION IN SCHOOLS. The problem of the classroom teacher in Health Education; special methods of correlating hygiene with other school activities, medical inspection, school lunches, heating, ventilating, seating and lighting; health attitudes and habits; health education programs; selection of materials and methods of teaching in elementary, junior and senior high schools. Two hours per week. *Two semester hours.*

18. HISTORY OF PHYSICAL EDUCATION. The history of Physical Education in its relation to the history of civilization; status of physical education in primitive society; the ancient oriental nations; Greeks and Romans; status of physical education in the early Christian society; the Renaissance; Germany, Scandinavia and Great Britain since 1800; Colonial outdoor games; gymnastic movements and their leaders; American sports; Universities and Colleges, elementary and high schools; playground movement; health education and teacher training. One hour per week. *One semester hour.*

20. ADOLESCENT ORGANIZATIONS. The fundamental principles and policies common to adolescent organizations; the period of adolescence and physical needs; recreational leadership; extra-curriculum activities; Boy Scouts; Woodcraft League, Camp Fire Girls, Girl Scouts and Girl Reserves. One hour per week. *One semester hour.*

COURSE IN ANATOMY AND PHYSIOLOGY. See BIOLOGY, Course 17-18, p. 37.

APPLIED PHYSICAL EDUCATION

101-2. GENERAL GYMNASTICS AND GRADED GAMES. Fundamentals in free exercises; tactics of the individual, rank and combinations; exhibition drills; graded games and plays for school room, playground and gymnasium. Two hours per week. *Two semester hours.*

103-4. GENERAL GYMNASTICS AND GRADED GAMES. The work of the first year is increased in difficulty. Arrangement of material from the standpoint of the teacher. One hour per week. *One semester hour.*

105-6. GENERAL GYMNASTICS AND GRADED GAMES. Swedish and Danish gymnastics; planning and teaching lessons. Student will work out the lesson plan and teach it to the class. One hour per week. *One semester hour.*

107-8. OBSERVATION, PRACTICE TEACHING AND CRITICISM. Training in teaching as outlined in Education, Course 5 (See page 42). Seven hours per week. In addition students majoring in Physical Education conduct classes in Physical Training for the general student body of the College (See Physical Training, page 62). One hour per week. Total: eight hours per week. *Eight semester hours.*

109-10. DANCING. Folk dances and singing games; group country dances including English and Morris dances. One hour per week. *One semester hour.*

111-12. DANCING. The technique of æsthetic dancing; group and character dances; advanced folk dances; character dancing with special attention to personal technique. One hour per week. *One semester hour.*

113-14. DANCING (Women). Advanced æsthetic dances, ballet work, clogging and dance composition.

(Men). Gymnastic and athletic dancing steps and dances. Clogging and acrobatic dancing. One hour per week. *One semester hour.*

115-16. DANCING. Continuation of the work of the third year. Composing dances suitable for use in the various grades as teaching material. Practice teaching. One hour per week. *One semester hour.*

117-18. APPARATUS WORK. Fundamental positions on all pieces of gymnastic apparatus; practice of assisting and methods of placing and handling gymnastic apparatus. One hour per week. *One semester hour.*

119-20. APPARATUS WORK. Exercises suitable for boys and girls of the junior high school age; squad work with various grades of difficulty; tumbling and pyramid building. One hour per week. *One semester hour.*

121-22. APPARATUS WORK. Personal practice in advanced and difficult stunts and combinations. One hour per week. *One semester hour.*

123-24. APPARATUS WORK. Continuation of the work of the third year arranging apparatus objectives and efficiency tests. Methods of marking and officiating. One hour per week. *One semester hour.*

125-26. ATHLETICS. Fundamentals, learning to play the various games. First semester's work will consist of (Men) football, soccer, and cross-country running; (Women) hockey and soccer. The second semester's work will include (Men) basketball, wrestling, boxing, track and field events, baseball, tennis and swimming; (Women) basketball, track and field events, baseball (12 inch ball), tennis and swimming. Eight hours per week. *Two semester hours.*

127-28. ATHLETICS. The organization and development of a team; perfecting one's self to the highest possible degree of efficiency. Eight hours per week. *Two semester hours.*

129-30. ATHLETICS. Competing in various sports on varsity teams; coaching teams in the intramural leagues. Eight hours per week. *Two semester hours.*

131-32. ATHLETICS. Competing, officiating and coaching. Eight hours per week. *Two semester hours.*

PHYSICAL TRAINING

ASSOCIATE PROFESSOR GERNEY, ASSISTANT PROFESSOR SNELL,
MR. CHASE, MISS OUDERKIRK

1-2. PHYSICAL TRAINING FOR MEN. Systematic gymnastic training including marching tactics, calisthenics, and apparatus work, with a view to health in the individual student and instruction in technique. Two hours per week throughout the First and Second Years. Not a credit course.

1-2. PHYSICAL TRAINING FOR WOMEN. Gymnastics, marching tactics, apparatus work, folk-dancing. Exercises to suit the needs of students with special reference to health and posture. Two hours per week throughout the First and Second Years. Not a credit course.

Course 1-2 is prescribed for all students except those in the Physical Education Group.

Each student is given a physical examination at the beginning of the year and the work is prescribed with a view to particular needs. Football, basketball, baseball, track, soccer, cross country, wrestling and tennis for men and hockey, basketball, baseball, archery, track and tennis for women are the forms of athletics provided. In one or another of these forms every student in College who is physically fit is encouraged to participate.

PHYSICS

ASSOCIATE PROFESSOR MAUCHLY

A-B. INTRODUCTION TO SCIENCE. See BIOLOGY, Course A-B, page 36.

1-2. GENERAL PHYSICS. An introductory course covering mechanics, heat, sound, light, electricity and magnetism, with reference to current scientific work where opportunity permits. Physics is considered in two aspects: as a science having applications in practical life, and as an application, in itself, of general scientific method. The solution of problems contributes toward the illustration of both aspects. Prerequisite, Mathematics 3-4, which may, however, be pursued concurrently. Three hours lectures and two hours laboratory work per week. *Eight semester hours.*

3. MECHANICS. A mathematical treatment of theoretical mechanics, with applications. Practical measurements are made in the laboratory. Prerequisite, Course 1-2 and Mathematics 3-4. Three hours recitations and two hours laboratory work per week. *Four semester hours.*

4. ELECTRICITY AND MAGNETISM. The subject is treated mathematically. Illustrations are drawn from various sources, including radio circuits. Operating characteristics of vacuum tubes are studied.

Fundamental measurements are made in the laboratory. Prerequisites, Course 1-2 and Mathematics 3-4. Three hours recitations and two hours laboratory work per week. *Four semester hours.*

Courses 3 and 4 alternate with Courses 5 and 6. Courses 5 and 6 will be offered in 1935-36.

5. THERMODYNAMICS. The laws of thermodynamics; their application to physical and chemical problems. Essential measurements are made in the laboratory, and temperature measuring instruments are studied. Prerequisites, Course 1-2 and Mathematics 3-4. Three hours recitations and two hours laboratory work per week. *Four semester hours.*

6. OPTICS. Optical systems are studied in detail, and selected topics in Physical Optics are discussed. A first-hand acquaintance with optical instruments and optical phenomena is provided in the laboratory. Prerequisites, Course 1-2 and Mathematics 3-4. Three hours recitations and two hours laboratory work per week. *Four semester hours.*

7-8. MODERN PHYSICS. Photoelectric phenomena, radio-activity, X-rays, and the discharge of electricity through gases are studied with a view to understanding contemporary advances in fundamental science. Prerequisites, Course 1-2 and Mathematics 3-4. Three recitations per week. *Six semester hours.*

POLITICAL SCIENCE

PROFESSOR BARNARD, MR. WILLAUER

1-2. AMERICAN GOVERNMENT. A study of the activities, organization, and legal powers of federal, state, and local governments in the United States. This is an extensive, basic course, intended both for those whose major interest is in other fields and as a foundation for those who expect to specialize in Political Science. Prerequisite for all the more advanced courses in Political Science. Three hours per week. *Six semester hours.*

3-4. MUNICIPAL GOVERNMENT. The daily work of the city; home rule, commission and city manager systems; municipal budgets; public utilities; city planning, public safety, and public health; power and position of the city in our political system; present tendencies in municipal government. Three hours per week. *Six semester hours.*

5-6. COMPARATIVE GOVERNMENT. A detailed comparison of the Cabinet and Presidential systems, as exemplified by England and the United States; the study then extended to other representative govern-

ments of Europe, including France, Germany, Italy, Switzerland, and Russia. Three hours per week. *Six semester hours.*

7-8. POLITICAL THEORY. During the first semester, a study of the nature and ends of the state, of government, of law, and the relation of sovereignty to individual liberty. Constant use is made of the writings of contemporary political scientists, such as Burgess, Willoughby, Wilson, Dealey, Bryce, Haines, Gettell, Garner, and Leacock. During the second semester, an attempt to get at the thinking that lay back of political action during the colonial, revolutionary, and national periods of our own history. Application is made of the theory learned in the first semester. Considerable attention is given to decisions of the Federal Supreme Court. Three hours per week. *Six semester hours.*

9-10. INTERNATIONAL LAW. A study of the growth and development of international law and organization. The underlying principles governing the inter-relationships of states is illustrated by the extensive use of the case method. Three hours per week. *Six semester hours.*

11-12. SEMINAR IN POLITICAL SCIENCE. Various problems in government, political theory, and international law presented in carefully prepared papers, followed by class comment and discussion. Two hours per week. *Four semester hours.*

Course 11-12 is open only to seniors who have taken at least two other courses in Political Science.

Members of the History-Social Science Group majoring in Political Science must take from the foregoing courses an amount of work aggregating at least eighteen semester hours.

21-22. METHODS OF TEACHING THE SOCIAL STUDIES. The Pennsylvania course of study in History and Social Science for junior and senior high schools, interpreted in the light of modern ideals and practices. Two hours per week. *Four semester hours.*

This course corresponds to the one now being given in state teachers colleges and university schools of education, and is required by this Department of all who are qualifying to teach Social Studies in the Pennsylvania secondary schools.

PSYCHOLOGY

PROFESSOR TOWER, PROFESSOR TYSON, ASSOCIATE PROFESSOR SHEEDER

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

2. **ELEMENTARY PSYCHOLOGY.** A course similar in content to Course 1. Given in order to make the study available in both semesters. Three hours per week. *Three semester hours.*

Course 1 or 2 must be taken in the Second Year by all students preparing to become teachers.

4. **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 4 alternates with Philosophy 1. Not offered in 1935-36.

5. **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. Prerequisite, Psychology 1 or 2. Three hours per week. *Three semester hours.* See EDUCATION, Course 3.

6. **PSYCHOLOGY OF RELIGION.** The psychological processes of the religious life are analyzed and described. Worship, prayer, faith and other religious phenomena are considered. Third and Fourth Years. Three hours per week. *Three semester hours.* See RELIGION, Course 9.

PUBLIC SPEAKING

ASSOCIATE PROFESSOR CARTER, MRS. SHEEDER

1-2. **PAGEANTRY.** The theory and practice of pageantry. Under careful supervision, students in this Course are given training and experience in the management of the May Pageant. Two hours per week. *Four semester hours.*

Course 2 is elective for young women of the Third and Fourth Years in all Groups.

3. **ELEMENTARY PUBLIC SPEAKING.** Psychology of speech: emotion, attention, persuasion. Mechanics of speech: gesture, voice culture, expression. Recitations based on textbook, composition and delivery of short original speeches. Three hours per week. *Three semester hours.*

4. **ADVANCED PUBLIC SPEAKING.** Problems of the speaker, divisions of a speech, types of speeches, style of the spoken word. Recitations based on textbook. Writing and delivery of various types of speeches. Three hours per week. *Three semester hours.*

Courses 3 and 4 are elective for Second-Year and Third-Year students in all Groups.

RELIGION

ASSOCIATE PROFESSOR SHEEDER, MRS. SHEEDER

1. RELIGIONS OF MANKIND. A survey of the historic religions to discover characteristics and effects upon the civilizations of the world. The religion of the Hebrews is treated at length as a background for the study of Christianity. First and Second Years. Three hours per week. *Three semester hours.*

2. INTRODUCTION TO BIBLICAL LITERATURE. An appreciative and historical study of the literature of the Bible, with a view to discovering its origin, nature, and significance in the life of today. First and Second Years. Three hours per week. *Three semester hours.*

5. LIFE AND TEACHINGS OF JESUS. A comparative and interpretative study of the New Testament sources. A consideration of the way in which Jesus met life situations and the application of His method to modern life. Third and Fourth Years. Three hours per week. *Three semester hours.*

6. GROWTH OF CHRISTIANITY. A survey of the development of the Christian Church from the Apostolic period to modern times, with a view to understanding the nature and extent of its contributions to society. Third and Fourth Years. Three hours per week. *Three semester hours.*

9. PSYCHOLOGY OF RELIGION. The psychological processes of the religious life are analyzed and described. Worship, prayer, faith and other religious phenomena are considered. Third and Fourth Years. Three hours per week. *Three semester hours.* See PSYCHOLOGY, Course 6.

10. PRINCIPLES OF RELIGIOUS EDUCATION. A consideration of the theories underlying religious education, together with a study of aims and techniques. Third and Fourth Years. Three hours per week. *Three semester hours.*

11. DRAMA AND PAGEANTRY. Survey of the field. Historic use of the drama in religion; study and analysis of religious dramas and pageants; practical application of the principles of play production; co-operative class presentation of a one-act play put on as the Sunday evening program in various community churches throughout the school year.

12. THE CHURCH SCHOOL. A study of the principles and methods underlying the organization and administration of the Sunday School, Vacation Church School and Week-day School of Religion. Third and Fourth Years. Three hours per week. *Three semester hours.*

SOCIOLOGY

MR. WILLAUER

1-2. INTRODUCTION TO SOCIOLOGY. A fundamental course covering the fields of social organization and social control. The course aims at presenting a basis for a scientific understanding of society, and for further study in the field of Sociology or of Social Work. Three hours per week. *Six semester hours.*

SPANISH

PROFESSOR SIBBALD

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

Six semester hours of the foreign language accepted in satisfaction of the prescribed requirement for admission in which the student shall have passed a satisfactory achievement test at matriculation, otherwise twelve semester hours; or twelve semester hours of a foreign language begun in college, the aim being to have a reading knowledge of at least one foreign language by the end of the Second Year.

1-2. BEGINNING SPANISH. (For those who begin Spanish in College, those who have had one year of High School Spanish, and those who have had two years of High School Spanish but show an insufficient knowledge of the subject in the Freshmen placement examinations. These latter must make a grade of B in the course to receive credit.) Beginning grammar and pronunciation. Irregular verb drill. Uniform note books. Reading and translation of graded texts to begin late in first semester. Three hours per week. *Six semester hours.* Not offered in 1935-36.

3-4. INTERMEDIATE SPANISH. Review of Spanish grammar and syntax, with more advanced treatment of pronunciation. Special attention to verbs and modern idioms. Conversation in second semester. Original compositions in Spanish. Uniform note books. One hour per week of reading and translation of selected, graded texts. Class discussions in Spanish. Prerequisites, Course 1-2, or equivalent. Three hours per week. *Six semester hours.*

5-6. SPANISH LITERATURE AND COMMERCIAL SPANISH. Readings and translations of masterpieces of prose, poetry, and drama of the Siglo de Oro during first semester. Readings and translations of contemporary masterpieces during second semester. Class discussions in

Spanish. Compositions and reports in Spanish. Outside readings. Lectures in Spanish on Spanish literature and literary movements. One hour per week of Commercial Spanish. Study and drill on business vocabulary, forms, and letters. Original commercial letters. Prerequisite, Spanish 3-4, or equivalent. Three hours per week. *Six semester hours.*

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 summer 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.

THE COMPREHENSIVE EXAMINATION

The several courses constituting a Group major are presented as a single unified project. The student is led to pursue each course with regard to the courses that follow, to study with a view to mastery and permanence, building up from semester to semester an ever increasing, coherent body of knowledge. As an aid the student is given a syllabus presenting in logical order the subjects embodied in his major field of study and presenting a synopsis of their content. Included in the syllabus are lists of required readings and suggestions for study. The use of the syllabus is supplemented by conferences with the professor under whom the subject is being pursued. The student's work throughout is carried forward under the supervision of the Group Adviser.

As a test and measure of success attained, a Comprehensive Examination covering the student's entire major field of study is given each candidate for graduation toward the end of the senior year. The examination consists of several parts given separately on different days. Wherever feasible it is set by at least two persons and is graded independently by at least two persons. Outside examiners may be employed to set and grade all or part of the examination at the option of the Group. A minimum grade of C is necessary to pass the examination. The grade made in the Comprehensive Examination is given a weight of three-tenths and the grades made in the semester examinations, a weight of seven-tenths in determining the student's final standing in his class. A candidate who fails may take any succeeding regularly offered comprehensive examination in his major field. Passing of the examination is a requirement for graduation.

The Comprehensive Examination is designed to test the accomplishment of the following ends: 1. The attainment of a certain standard of knowledge in the student's major field of study. 2. The integration of the student's work in his major field and in allied subjects. 3. The conservation of his knowl-

edge through sustained interest from course to course and from year to year. 4. The assumption by the student of responsibility for four years of planned effort toward a definite goal.

REQUIREMENTS FOR GRADUATION

For the degree of Bachelor of Arts or Bachelor of Science, a student must complete *one hundred and twenty-four semester hours* of work. In addition, each student must complete at least four semester hours of physical training. A student may not take in any one semester less than twelve or 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-two semester hours; Third Year, thirty-two semester hours; Fourth Year, twenty-seven semester hours. The Adviser may permit a deviation from these hours to an extent of three semester hours.

In the Physical Education Group, 140 semester hours of work are required for graduation. These should be distributed as follows: First Year, 36 semester hours; Second Year, 36 semester hours; Third Year, 35 semester hours; Fourth Year, 33 semester hours.

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

1. Six semester hours of the foreign language accepted in satisfaction of the prescribed requirement for admission in which the student shall have passed a satisfactory achievement test at matriculation, otherwise twelve semester hours; or twelve semester hours of a foreign language begun in college, the aim being to have a reading knowledge of at least one foreign language by the end of the Second Year.

2. Six semester hours of English composition and literature (Course 1-2).

3. Six semester hours of history (Course 1-2).

4. Three semester hours of psychology.

5. Three semester hours of philosophy.

6. Eight semester hours of science with laboratory work.

Of the Groups outlined on the following pages, the History-Social Science, the English, The Modern Languages and the Business Administration Groups lead to the degree of *Bachelor of Arts*; The Mathematics, The Chemistry-Biology and the Physical Education Groups lead to the degree of *Bachelor of Science*.

In the synopses of the Groups as presented, 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.

Prescribed courses should be taken, as far as possible, in the years in which they appear in the synopses.

THE MATHEMATICS GROUP

<i>First Year</i>		<i>Second Year</i>	
MATHEMATICS 1, 2 or 5, 6 or	(6)	MATHEMATICS 3, 4	(6)
MATHEMATICS 1a, 2a	(4)	PHYSICS 1-2	(8)
BIOLOGY A-B	(4)	PHYSICAL TR. 1-2	
ENGLISH COMP. 1-2	(6)	Biology 3-4	(8)
FOREIGN LANGUAGE	(6)	Chemistry 1-2	(8)
HISTORY 1-2	(3)	Education 1; 2	(3)
PHYSICAL TR. 1-2		English Comp. 3-4	(6)
Biology 1	(2)	English Comp. 5, 6	(4)
Economics 1, 2	(4)	English Lit. 3-4	(4)
Foreign Language	(6)	French 5-6	(4)
Music 1-2; 13-14	(4)	German 3, 4	(6)
Religion 1; 2	(3)	Political Science 1-2	(6)
		Psychology 1 or 2	(3)
		Religion 1; 2	(3)
		Spanish 3-4	(6)
<i>Third Year</i>		<i>Fourth Year</i>	
MATHEMATICS 7-8 or 9-10	(4)	MATHEMATICS 9-10 or 7-8	(4)
MATHEMATICS 19, 20	(4)	MATHEMATICS 21-22	(4)
PSYCHOLOGY 1 or 2	(3)	PHILOSOPHY (any course)	(3)
Biology 3-4	(8)	Biology 11-12	(4)
Biology 11-12	(4)	Education 5; 7; 10	(3)
Chemistry 3-4	(8)	English Lit. 9, 10	(6)
Economics 3-4	(6)	English Lit. 7; 8; 17; 18	(2)
Education 3; 4	(3)	English Lit. 21-22	(4)
English Comp. 5, 6	(4)	German 13, 14	(4)
English Lit. 7; 8; 17; 18	(2)	History 9, 10	(6)
English Lit. 9, 10	(4)	History 3, 4; 11, 12	(6)
French 5-6; 13, 14	(4)	Mathematics 13-14; 17-18	(4)
German 7, 8 or 13, 14	(4)	Mathematics 15-16	(4)
History 3, 4; 7, 8	(6)	Music 5-6; 13-14	(4)
History 9, 10; 11, 12	(6)	Philosophy 2	(3)
Mathematics 13-14; 17-18	(4)	Philosophy 3; 4	(2)
Mathematics 15, 16	(4)	Philosophy 5; 6	(3)
Music 3-4; 13-14	(4)	Philosophy 7, 8	(6)
Philosophy (any course)	(3)	Philosophy 9-10	(4)
Physics 5, 6	(8)	Physics 7-8	(6)
Political Science 3-4; 5-6	(6)	Political Science 5-6; 7-8	(6)
Political Science 9-10	(6)	Political Science 9-10	(6)
Public Speaking 1-2	(4)	Public Speaking 1-2	(4)
Public Speaking 3, 4	(6)	Religion 5; 6	(3)
Religion 5; 6; 9; 10; 11; 12	(3)	Religion 9; 10; 11; 12	(3)
Sociology 1-2	(6)	Sociology 1-2	(6)

THE CHEMISTRY-BIOLOGY GROUP

<i>First Year</i>		<i>Second Year</i>	
BIOLOGY 3-4, <i>or</i>		CHEMISTRY 1-2 <i>or</i> 3-4 <i>or</i>	
CHEMISTRY 1-2	(8)	BIOLOGY 3-4	(8)
ENGLISH COMP. 1-2	(6)	HISTORY 1-2	(6)
FOREIGN LANGUAGE	(6)	MATHEMATICS 3, 4	(6)
MATHEMATICS 1, 2 <i>or</i>	(6)	PHYSICS 1-2	(8)
MATHEMATICS 1a, 2a	(4)	PHYSICAL TR. 1-2	
PHYSICAL TR. 1-2			
Biology 1	(2)	Education 1; 2	(3)
Economics 1, 2	(4)	English Comp. 3-4	(6)
Foreign Language	(6)	English Comp. 5, 6	(6)
History 1-2	(6)	English Lit. 3-4	(4)
Mathematics 3, 4	(6)	French 5-6	(4)
Music 1-2; 13-14	(4)	German 3, 4	(6)
Religion 1; 2	(3)	Music 1-2; 13-14	(4)
		Political Science 1-2	(6)
		Psychology 1 <i>or</i> 2	(3)
		Religion 1; 2	(3)
		Spanish 3-4	(6)
<i>Third Year</i>		<i>Fourth Year</i>	
BIOLOGY 7-8 <i>or</i>		CHEMISTRY 7-8 <i>or</i>	
CHEMISTRY 3-4 <i>or</i> 5-6	(8)	BIOLOGY 7-8	(8)
PSYCHOLOGY 1 <i>or</i> 2	(3)	PHILOSOPHY (any course)	(3)
Biology 6	(2)	Biology 6	(2)
Biology 11-12	(4)	Biology 11-12	(4)
Chemistry 9-10; 11-12	(6)	Biology 15-16	(8)
Economics 3-4	(6)	Chemistry 9-10; 11-12	(6)
Education 1; 2; 3; 4	(3)	Education 5; 7	(3)
English Comp. 5, 6	(3)	English Lit. 9, 10	(6)
English Lit. 7; 8; 17; 18	(2)	English Lit. 7; 8; 17; 18	(2)
English Lit. 9, 10	(6)	English Lit. 21-22	(4)
French 5-6; 13, 14	(4)	French 11-12	(4)
German 7, 8 <i>or</i> 13, 14	(4)	German 13, 14	(4)
History 3; 4; 9, 10	(6)	History 3, 4; 9, 10; 11, 12	(6)
History 11, 12	(3)	Philosophy 1; 2	(3)
Music 13-14	(4)	Philosophy 3; 4	(2)
Philosophy (any course)	(3)	Philosophy 5; 6; 7; 8	(3)
Physics 5, 6	(8)	Philosophy 9-10	(4)
Political Science 3-4; 5-6	(6)	Physics 5; 6	(4)
Political Science 9-10	(6)	Physics 7-8	(6)
Public Speaking 1-2	(4)	Political Science 5-6; 7-8	(6)
Public Speaking 3, 4	(6)	Public Speaking 1-2	(4)
Religion 5; 6; 9; 10; 11; 12	(3)	Religion 5; 6	(3)
Sociology 1-2	(6)	Religion 9; 10; 11; 12	(3)
Spanish 5-6	(6)	Sociology 1-2	(6)

THE HISTORY-SOCIAL SCIENCE GROUP

<i>First Year</i>		<i>Second Year</i>	
HISTORY 1-2	(6)	POLITICAL SCIENCE 1-2	(6)
BIOLOGY A-B	(4)	ECONOMICS 3-4 <i>or</i>	
ENGLISH COMP. 1-2	(6)	HISTORY 3, 4	(6)
FOREIGN LANGUAGE	(6)	PHYSICAL TR. 1-2	
MATHEMATICS 1-2*	(6)	Biology 3-4	(8)
PHYSICAL TR. 1-2		Biology 6	(2)
Biology 1	(2)	Chemistry 1-2	(8)
Economics 1-2	(4)	Education 1, 2	(3)
Foreign Language	(6)	English Comp. 3-4; 5-6	(6)
Mathematics 3-4	(6)	English Lit. 17-18	(4)
Religion 1, 2	(3)	Foreign Language	(6)
Religion 3, 4	(3)	Physics 1-2	(8)
		Psychology 1 <i>or</i> 2	(3)
		Religion 1, 2; 3, 4	(3)
 <i>Third Year</i>		 <i>Fourth Year</i>	
HISTORY 3, 4; 9-10 <i>or</i>		HISTORY 9-10; 11-12 <i>or</i>	
POLITICAL SCIENCE 3-4; 5-6	(6)	POLITICAL SCIENCE 5-6; 7-8	(6)
ECONOMICS 3-4	(6)	PHILOSOPHY (any course)	(3)
PSYCHOLOGY 1 <i>or</i> 2	(3)	Biology 6	(2)
Biology 11-12	(4)	Biology 11-12	(4)
Economics 5; 8; 13; 14	(3)	Economics 5; 8; 13; 14	(3)
Education 3, 4	(3)	Education 5; 7; 10	(3)
English Comp. 3-4; 5-6	(6)	English Lit. 7-8; 17-18	(4)
English Lit. 7-8; 17-18	(4)	English Lit. 21-22	(4)
English Lit. 21-22	(4)	History 3; 4	(3)
French 5-6; 7-8	(4)	History 13-14	(4)
German 9-10	(4)	Mathematics 13-14; 15-16	(4)
History 11, 12	(3)	Philosophy 1; 2	(3)
History 13-14	(4)	Philosophy 3; 4	(2)
Mathematics 13-14; 15-16	(4)	Philosophy 5; 6; 7; 8	(3)
Music 5-6; 13-14	(4)	Philosophy 9-10	(4)
Philosophy (any course)	(3)	Political Science 9-10	(6)
Political Science 9-10	(6)	Political Science 11-12; 21-22	(4)
Public Speaking 1-2	(4)	Public Speaking 1-2	(4)
Public Speaking 3-4	(6)	Public Speaking 3-4	(6)
Religion 5, 6; 9, 10; 11, 12	(3)	Religion 5, 6; 9, 10; 11, 12	(3)
Sociology 1-2	(6)	Sociology 1-2	(6)

*Prescribed for students credited with only 3 units of Mathematics toward admission except those electing Latin.

THE ENGLISH GROUP

<i>First Year</i>		<i>Second Year</i>	
ENGLISH COMP. 1-2	(6)	ENGLISH LIT. 3-4	(4)
BIOLOGY A-B	(4)	ENGLISH LIT. 11-12	(4)
FOREIGN LANGUAGE	(6)	HISTORY 1-2	(6)
MATHEMATICS 1, 2*	(6)	PHYSICAL TR. 1-2	
PHYSICAL TR. 1-2			
Biology 1	(2)	Biology 3-4	(8)
Economics 1, 2	(4)	Biology 6	(2)
Foreign Language	(6)	Chemistry 1-2	(8)
History 1-2	(6)	Education 1; 2	(3)
Mathematics 3, 4	(6)	English Comp. 3-4	(6)
Music 1-2; 13-14	(4)	English Comp. 5, 6	(6)
Religion 1; 2	(3)	English Lit. 17; 18	(2)
		French 3-4	(6)
		German 3, 4	(6)
		Music 3-4; 13-14	(4)
		Political Science 1-2	(6)
		Psychology 1 or 2	(3)
		Religion 1; 2	(3)
		Spanish 3-4	(6)
<i>Third Year</i>		<i>Fourth Year</i>	
ENGLISH LIT. 7, 8	(6)	ENGLISH LIT. 7, 8	(4)
ENGLISH LIT. 9, 10	(6)	ENGLISH LIT. 9-10	(6)
PSYCHOLOGY 1 or 2	(3)	ENGLISH LIT. 25	(3)
		PHILOSOPHY (any course)	(3)
Biology 3-4	(8)		
Biology 11-12	(4)	Biology 11-12	(4)
Chemistry 1-2	(8)	Education 5	(3)
Education 3; 4	(3)	Education 9, 10	(3)
Economics 3-4	(6)	English Lit. 17; 18	(2)
English Comp. 5, 6	(6)	English Lit. 21-22	(4)
English Lit. 17, 18; 21-22	(4)	French 11-12	(4)
French 5-6; 13-14	(4)	German 13, 14	(4)
German 7, 8	(4)	History 3, 4; 11, 12	(6)
Music 5-6; 13-14	(4)	Mathematics 17, 18	(2)
Music 7-8; 9-10; 11-12	(4)	Music 7-8; 13-14	(4)
Philosophy (any course)	(3)	Philosophy 1; 2	(3)
Political Science 3-4; 5-6	(6)	Philosophy 3; 4	(2)
Political Science 9-10	(6)	Philosophy 5; 6; 7; 8	(3)
Public Speaking 1-2	(4)	Philosophy 9-10	(4)
Public Speaking 3, 4	(6)	Political Science 5-6; 7-8	(6)
Religion 5; 6; 9; 10; 11; 12	(3)	Public Speaking 1-2	(4)
Sociology 1-2	(6)	Religion 5; 6; 10; 11	(3)
Spanish 5-6	(6)	Sociology 1-2	(6)

*Prescribed for students credited with only 3 units of Mathematics toward admission except those electing Latin.

THE MODERN LANGUAGES GROUP

First Year

FRENCH 1-2 <i>or</i> 3-4 <i>or</i>	
GERMAN 1-2 <i>or</i> 3, 4 <i>or</i>	
SPANISH 1-2 <i>or</i> 3-4	(6)
ENGLISH COMP. 1-2	(6)
BIOLOGY A-B	(4)
MATHEMATICS 1, 2*	(6)
PHYSICAL TR. 1-2	

Biology 1	(2)
Economics 1, 2	(4)
Foreign Language	(6)
History 1-2	(6)
Mathematics 3, 4	(6)
Music 1-2; 13-14	(4)
Religion 1; 2	(3)

Third Year

GERMAN 7, 8 <i>or</i>	
FRENCH 5-6 <i>or</i> 13-14 <i>or</i>	(4)
SPANISH 5-6	(6)
PSYCHOLOGY 1 <i>or</i> 2	(3)

Economics 3-4	(6)
Education 3; 4	(3)
English Comp. 5, 6	(6)
English Lit. 9, 10	(6)
English Lit. 7; 8; 17; 18	(2)
English Lit. 21-22	(4)
German 13, 14	(4)
History 3, 4; 11, 12	(6)
Music 5-6; 13-14	(4)
Music 7, 8	(4)
Political Science 3-4; 5-6	(6)
Philosophy (any course)	(3)
Public Speaking 1-2	(4)
Public Speaking 3, 4	(6)
Religion 5; 6; 9; 10; 11; 12	(3)
Sociology 1-2	(3)

Second Year

FRENCH 3-4 <i>or</i>	(6)
FRENCH 5-6 <i>or</i>	(4)
GERMAN 3, 4 <i>or</i>	(6)
SPANISH 3-4	(6)
HISTORY 1-2	(6)
PHYSICAL TR. 1-2	

Biology 3-4	(8)
Biology 6	(2)
Chemistry 1-2	(8)
Education 1; 2	(3)
English Comp. 3-4	(6)
English Comp. 5, 6	(6)
English Lit. 3-4	(4)
English Lit. 11-12	(4)
Music 3-4; 13-14	(4)
Political Science 1-2	(6)
Psychology 1 <i>or</i> 2	(3)
Religion 1; 2	(3)

Fourth Year

FRENCH 13-14 <i>or</i>	
GERMAN 13, 14	(4)
PHILOSOPHY (any course)	(3)

Education 5; 7; 10	(3)
English Lit. 7; 8; 17; 18	(2)
English Lit. 9, 10	(6)
French 11-12	(4)
French 21	(3)
German 21	(3)
History 3, 4; 7, 8	(6)
History 9, 10; 11, 12	(6)
Music 7, 8; 13-14	(2)
Philosophy 1; 2	(3)
Philosophy 3; 4	(2)
Philosophy 5; 6; 7; 8	(3)
Philosophy 9-10	(4)
Political Science 5-6; 7-8	(6)
Public Speaking 1-2	(4)
Religion 5; 6; 9; 10; 11; 12	(3)
Sociology 1-2	(6)

*Prescribed for students credited with only 3 units of Mathematics toward admission except those electing Latin.

THE BUSINESS ADMINISTRATION GROUP

<i>First Year</i>		<i>Second Year</i>	
BIOLOGY A-B	(4)	ECONOMICS 3-4	(6)
ENGLISH COMP. 1-2	(6)	HISTORY 1-2	(6)
FOREIGN LANGUAGE	(6)	POLITICAL SCIENCE 1-2	(6)
MATHEMATICS 1, 2*	(6)	PHYSICAL TR. 1-2	
PHYSICAL TR. 1-2			
Economics 1, 2	(4)	French 3-4 <i>or</i>	
Biology 1	(2)	German 3, 4 <i>or</i>	
Foreign Language	(6)	Spanish 3-4	(6)
History 1-2	(6)	Biology 3-4	(8)
Mathematics 3, 4	(6)	Biology 6	(2)
Music 1-2; 13-14	(4)	Chemistry 1-2	(8)
Religion 1; 2	(3)	Economics 11-12	(6)
		Education 1; 2	(3)
		English Comp. 3-4	(6)
		English Comp. 5, 6	(6)
		English Lit. 3-4	(4)
		Mathematics 3, 4	(6)
		Music 1-2; 3-4; 13-14	(4)
		Physics 1-2	(8)
		Psychology 1 <i>or</i> 2	(3)
		Religion 1; 2	(3)
<i>Third Year</i>		<i>Fourth Year</i>	
ECONOMICS 7, 8	(6)	ECONOMICS 13 and 14	(5)
ECONOMICS 11-12	(6)	ECONOMICS 16	(3)
POLITICAL SCIENCE 3-4 <i>or</i> 5-6	(6)	PHILOSOPHY (any course)	(3)
PSYCHOLOGY 1 <i>or</i> 2	(3)		
Economics 13, 14	(5)	Economics 17-18	(6)
Economics 16	(3)	Economics 19, 20	(4)
Economics 19, 20	(4)	Education 5	(3)
Education 3; 4	(3)	Education 7; 10	(3)
English Comp. 5, 6	(6)	English Lit. 7; 8; 17; 18	(2)
English Lit. 7; 8; 17; 18	(2)	English Lit. 9-10	(6)
History 3, 4; 11, 12	(6)	History 3, 4; 9, 10	(6)
Mathematics 13-14	(4)	History 11; 12	(3)
Mathematics 15-16	(4)	Mathematics 13-14; 15-16	(4)
Music 5-6; 13-14	(4)	Philosophy 1; 2	(3)
Philosophy (any course)	(3)	Philosophy 3; 4	(2)
Political Science 7-8	(6)	Philosophy 5; 6; 7; 8	(3)
Public Speaking 3, 4	(6)	Philosophy 9-10	(4)
Religion 5; 6; 9; 10; 11; 12	(3)	Political Science 5-6; 7-8; 9-10	(6)
Sociology 1-2	(6)	Public Speaking 3, 4	(6)
Spanish 5-6	(4)	Religion 5; 6; 9; 10; 11; 12	(3)
		Sociology 1-2	(6)

*Prescribed for students credited with only 3 units of Mathematics toward admission except those electing Latin.

THE PHYSICAL EDUCATION GROUP

First Year

ENGLISH COMP. 1	(3)
ENGLISH LIT. 2	(3)
MUSIC 1, 2; 13-14	(4)
BIOLOGY 1	(2)
MATHEMATICS 1, 2*	(6)
PHYSICAL ED. 1, 2	(4)
PHYSICAL ED. 4	(2)
PHYSICAL ED. 101-2	(2)
PHYSICAL ED. 109-10	(1)
PHYSICAL ED. 117-18	(1)
PHYSICAL ED. 125-26	(2)
FOREIGN LANGUAGE	(6)
Religion 1; 2	(3)

Second Year

BIOLOGY 3-4	(8)
EDUCATION 1	(3)
PUBLIC SPEAKING 3	(3)
PSYCHOLOGY 2	(3)
HISTORY 1-2	(6)
PHYSICAL ED. 3	(1)
PHYSICAL ED. 5	(2)
PHYSICAL ED. 6	(2)
PHYSICAL ED. 10	(2)
PHYSICAL ED. 18	(1)
PHYSICAL ED. 103-4	(1)
PHYSICAL ED. 111-12	(1)
PHYSICAL ED. 119-20	(1)
PHYSICAL ED. 127-28	(2)

Third Year

CHEMISTRY 1-2	(8)
EDUCATION 3, 4	(6)
SOCIOLOGY 1	(3)
BIOLOGY 17-18	(6)
PHYSICAL ED. 7	(2)
PHYSICAL ED. 8	(2)
PHYSICAL ED. 12	(2)
PHYSICAL ED. 20	(1)
PHYSICAL ED. 105-6	(1)
PHYSICAL ED. 113-14	(1)
PHYSICAL ED. 121-22	(1)
PHYSICAL ED. 129-30	(2)
Elective	(3)

Fourth Year

CHEMISTRY 11-12	(6)
EDUCATION 10	(3)
PHILOSOPHY (any course)	(3)
PHYSICAL ED. 9	(2)
PHYSICAL ED. 13	(2)
PHYSICAL ED. 14	(2)
PHYSICAL ED. 15	(2)
PHYSICAL ED. 16	(2)
PHYSICAL ED. 107-8	(8)
PHYSICAL ED. 115-16	(1)
PHYSICAL ED. 123-24	(1)
PHYSICAL ED. 131-32	(2)
Electives	(4)

*Prescribed for students credited with only 3 units of Mathematics toward admission.

Students having advanced standing in Physical Education or who pursue some of the courses prescribed above in summer schools whose work is accepted by Ursinus College, may have a larger choice of elective studies than is here represented.

ADMINISTRATION

GRADES OF SCHOLARSHIP

On the completion of a course the standing of a student is expressed, according to his proficiency, by one of six grades, designated respectively by the letters A, B, C, D, E and F. Grade E denotes failure which may be made up by a satisfactory 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, he is credited with only the courses in which his grade is C minus or better.

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. Through correspondence and conferences, the co-operation of parents is sought in the endeavor to get the best possible results in the work of students.

HONORS

COMMENCEMENT PARTS

Two commencement honors are assigned: One, the Valedictory, to the person attaining the highest standing in the graduating class; the other, the Salutatory, to the person attaining the next highest standing.

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 October 1st of the college year 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

THE PHILIP H. FOGEL MEMORIAL PRIZE

The Philip H. Fogel Memorial Prize of Twenty-five Dollars is awarded annually to the member of the Senior class who shall have attained the highest excellence in the Department of Religion, as shown by examination on completion of at least twelve semester hours of 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.

THE E. L. WAILES MEMORIAL PRIZE

The E. L. Wailes Memorial Prize of Twenty Dollars is awarded annually to the member of the Freshman class who

shall have attained the highest standing in Courses 1 and 2 in the Department of Religion. This prize has been established in memory of E. L. Wailes by his son, the Rev. George Handy Wailes, D.D., Professor of the English Bible in Ursinus College, 1908-1921.

THE ROBERT TRUCKSESS PRIZE

A prize of Twenty Dollars in gold established by Robert Trucksess, Esquire, of Norristown, Pennsylvania, is awarded annually at commencement to the member of the graduating class who shall have pursued the studies of the History-Social Science Group with the definite intention of entering the profession of the law, and who, in his college work shall have revealed superior ability (not necessarily highest grades) and promise of success as a future member of the legal profession. The competition for this prize is open only to men.

THE PAISLEY PRIZES

Two prizes of Twenty-five Dollars each for the best dissertations on an assigned topic by members of the senior class, one open to men, the other open to women, are offered respectively by Mr. and Mrs. H. E. Paisley, of Philadelphia. These prizes are offered with a view to encouraging students in the thoughtful application of the principles of Christianity to problems of practical life. The awards are made at the annual commencement exercises.

THE ELIZABETH ROCKEFELLER MCCAIN PRIZE

A prize of Fifty Dollars has been endowed in perpetuity by the late George Nox McCain, Litt.D., of Philadelphia, as a memorial to his mother, Elizabeth Rockefeller McCain. This prize is awarded at each annual commencement to the student who at the end of the Second Year shall have shown greatest ability in the knowledge and use of the English language as indicated by work in composition and literature.

THE BOESHORE PRIZES

Two prizes of Twenty-five Dollars each, endowed by Mr. and Mrs. Miller H. Boeshore of Philadelphia, one open to men, the other open to women, will be awarded at each annual commencement to those students who shall have attained the highest standing at the end of the First Year in the study of Greek.

THE DUTTERA PRIZE

A prize consisting of the income of Five Hundred Dollars contributed by Mrs. Amos Duttera of Taneytown, Maryland, to be awarded to the student attaining the highest standing in the study of Church History (Religion, Course 6).

THE URSINUS WOMAN'S CLUB PRIZE

A prize of Twenty Dollars in gold, offered by the Ursinus Woman's Club is awarded at graduation to the young woman who shall have attained highest distinction in athletic sports.

THE URSINUS CIRCLE PRIZE

A prize of Fifteen Dollars in gold offered by the Ursinus Circle, is awarded at Commencement to the young woman who shall have written the best pageant under the auspices of the Department of Public Speaking.

THE VARSITY CLUB TROPHY

For the encouragement and promotion of interest among the classes as well as for the inspiration of the individual to participate in track athletics, the Varsity Club offers a trophy to the college class which scores the greatest number of points in the annual Interclass Track and Field Meet. The award is made on commencement morning.

THE PRESIDENT'S AWARD

A gold medal bearing the Athletic Emblem of Ursinus College is awarded at graduation to the student who throughout his college course shall have won highest distinction in athletics. This medal is the gift of the President of the College.

OPEN SCHOLARSHIPS

The College offers four scholarships of Three Hundred Dollars each, open to young men who may apply as 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

Ursinus College confers two degrees in course—those of Bachelor of Arts and Bachelor of Science. For specific requirements see pages 70-72. Degrees are conferred only on academic occasions and candidates must present themselves in person. Persons seeking the Master's degree are referred to the graduate schools of universities.

The College may confer the honorary degrees of Doctor of Divinity, Doctor of Pedagogy, 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

The 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, have suspended activity, their functions having been assumed by other organizations.

THE BIOLOGY CLUB, the HALL CHEMICAL SOCIETY, the JAMES M. ANDERS PRE-MEDICAL SOCIETY, the ENGLISH CLUB, the FRENCH CLUB and the INTERNATIONAL RELATIONS CLUB are organizations for the promotion of scholarly interest in various fields of study.

The DEBATING CLUBS, TAU KAPPA ALPHA and the CURTAIN CLUB foster interest and develop skill in their respective fields of expression.

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

The STUDENT GOVERNMENT ASSOCIATIONS, the ATHLETIC ASSOCIATIONS, the VARSITY CLUB, STUDENT PUBLICATIONS, the Men's and Women's GLEE CLUBS, the COLLEGE ORCHESTRA, the BAND and the CHAPEL 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 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 is managed by a Board of Control representative of the Faculty and the student body, and edited by a Staff chosen from among the students on a basis of merit. 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 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 enjoys city mail delivery and there are convenient boxes for depositing outgoing mail. A Post Office is maintained on the campus for the accommodation of students. Adjacent to the Post Office is a Supply Store, in which is kept on sale a full line of college jewelry, felt goods, stationery, confections and students' supplies. New and second-hand books are supplied on order. The profits of the Store are used in the support of the College Library.

EXPENSES

Ursinus College is a residential college. All students except those who reside in their own homes, occupy rooms provided by the College and take their meals in the college dining rooms. The expenses of the year are therefore comprehended in a single fee which covers class-room instruction, privileges of the library, the gymnasium and the infirmary, ordinary medical attention, care by the resident nurse, subscription to the *Ursinus Weekly*, admission to all athletic games on the home grounds, support of debating, the Christian associations and student government organizations, furnished room including heat, light and attendance, and table board exclusive of the Christmas and Easter recesses. This fee is \$675 to which \$40 is added for students occupying rooms on the first, second and third floors of the Brodbeck and Curtis dormitories. The charge for a student attending College from his own home is \$350. The College reserves the right to make reasonable alterations in

the fee at the beginning of any semester in order to cover possible unforeseen losses in operating expenses.

Each resident student supplies his own towels, two pairs of sheets for a single bed, mattress protector, a pair of pillow cases (19 x 34), a pair of blankets and a bedspread.

First Year students, except those whose presence is required for service, are requested to vacate their rooms immediately following the second semester examinations to provide accommodations for alumni attending commencement.

Extra charges to cover the cost of materials in laboratory courses payable on or before November 16th, are as follows:

Biology A-B	\$ 5	Chemistry 5-6	\$10
Biology 3-4	15	Chemistry 7-8	20
Biology 7-8, 9-10	20	Chemistry 9a-10a	10
Biology 15-16	20	Chemistry 11-12	15
Biology 6, 17-18	10	Physics 1-2	15
Chemistry 1-2	15	Physics 3, 4	15
Chemistry 3-4	15	Physics 5, 6	15

A fee of \$25 per semester is charged on the mid-semester bill to students engaged in practice teaching. For each additional semester of practice teaching the fee is \$12.50.

To students taking entrance examinations a fee of \$10 is charged, payable in advance.

A charge of \$20 is made in the last bill of the senior year to cover graduation expenses.

A deposit of \$10 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 reason, and retains his place in class, pays the Comprehensive Fee in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5 for each full week, on account of table board. No remittance is allowed

on account of dismissal or withdrawal of a student from the institution during a semester.

Inasmuch as the College provides a health service including a regularly appointed physician and a resident nurse, which service is open alike to all students of the institution, the College will not undertake to pay bills contracted by students with physicians not in the service of the institution. The College maintains the right to enforce quarantine and to engage the services of a special attendant if necessary, but 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.

FEEES FOR INSTRUCTION IN MUSIC

Private individual instruction: organ, piano, violin, voice, or any band or orchestral instrument, \$30, one lesson each week, term of fifteen weeks. Violin, voice, or band and orchestral instruments in classes, \$15 per term of fifteen weeks.

PAYMENT OF BILLS

A candidate for admission must pay \$10 on account at the time he files his application in order to secure a place in the institution. An enrolled student must pay \$10 on or before April 24th of each year in order to secure a place for the ensuing year. In every case this payment is forfeited if the student fails to complete his registration.

The yearly charge to the student is payable in four installments and *must be paid on or before the dates designated as follows:*

	Resident Students	Day Students
At the opening of college	\$168.75	\$87.50
On or before November 15	168.75	87.50
On or before January 17	168.75	87.50
On or before March 18	168.75	87.50

The bills may vary from the stated amounts in certain instances on account of location of rooms and laboratory charges. Bills are issued approximately thirty days in advance. Students whose accounts are still open will not receive credit for attendance upon classes after the dates of settlement announced above.

Credits on account of scholarships or service under the Bureau of Self-Help are allowed on the November and March bills.

No student will be permitted to register at the beginning of any academic year who is indebted to the institution or to any of its departments or agencies, and all items due the College from a candidate for graduation must be paid before the candidate may be presented for a degree.

Checks should be made payable to Ursinus College.

SCHOLARSHIPS

MUSIC SCHOLARSHIP

A scholarship of Two Hundred and Fifty Dollars is provided to assist 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 fifty-six 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 Robinson Church, Berks County, Pa.,	1,000
THE CARSON SCHOLARSHIP, founded under the will of Captain John Carson of Newburg, 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
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

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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 Collegetville,	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 SPRANKLE SCHOLARSHIP, founded under the will of Samuel Sprankle, deceased, of Altoona, Pa.,	2,000
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,	1,800
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 Collegetville 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,	1,250

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, Colledgeville, 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. RUSH SCHOLARSHIP, founded in memory of her parents, Mr. and Mrs. Silas H. Rush, by Mrs. E. R. Hoffman, of Philadelphia,	1,000
THE J. B. SHONTZ MEMORIAL SCHOLARSHIP, founded by the Congregation and Sunday-school of Saint John's Reformed Church, Chambersburg, Pa., in memory of their former pastor, the late Rev. J. B. Shontz,	1,000
THE HILLTOWN SCHOLARSHIP, founded by the Hilltown charge of the Reformed Church in the United States, Bucks County, Pa.,	1,000
THE TRINITY BIBLE SCHOOL SCHOLARSHIP, founded by the Bible School of Trinity Reformed Church, Philadelphia,	1,600
THE ASPDEN MEMORIAL SCHOLARSHIP, founded by Newton J. Aspden, of Trinity Reformed Church, Philadelphia, in memory of his wife, Levinah Erb Aspden,	5,000
THE TRUMBOWER MEMORIAL SCHOLARSHIP, founded by H. C. Trumbower, of Trinity Reformed Church, Philadelphia, in memory of his parents, Dr. Lewis T. and Annie B. Troxel Trumbower,	5,000
THE PAISLEY SCHOLARSHIP, founded in honor of Mrs. Carrie Strassburger Paisley, of Trinity Reformed Church, Philadelphia,	2,000
THE SCHWENKSVILLE COMMUNITY SCHOLARSHIP, founded by the citizens of Schwenksville, Pa.,	1,902
THE BETHANY TABERNACLE SCHOLARSHIP, founded by the congregation of Bethany Tabernacle Reformed Church, Philadelphia, the Rev. H. H. Hartman, '94, pastor,	2,000
THE SAINT PAUL'S, LANCASTER, SCHOLARSHIP, founded by the congregation of Saint Paul's Reformed Church, Lancaster, Pa., the Rev. T. A. Alspach, D.D., '07, pastor,	2,000
THE JAMES W. MEMINGER SCHOLARSHIP, founded by the congregation of Saint Paul's Reformed Church, Lancaster, Pa., in honor of the Rev. James W. Meminger, D.D., '84, former pastor,	1,000

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THE ST. JOHN'S, ORWIGSBURG, SCHOLARSHIP, founded by the congregation of Saint John's Reformed Church, Orwigsburg, Pa., the Rev. D. R. Krebs, '02, pastor,	\$1,000
THE MEYRAN SCHOLARSHIP, founded by Louis A. Meyran and his wife, Marie H. Meyran, of Grace Reformed Church, Pittsburgh, Pa.,	2,000
THE LEROY BOYER LAUBACH SCHOLARSHIP, founded in memory of LeRoy Boyer Laubach by his mother, Mrs. M. B. Laubach of Philadelphia, Pa.,	2,000
THE OMWAKE MEMORIAL SCHOLARSHIP, founded by W. T. Omwake, Esq., of Waynesboro, Pennsylvania, as a memorial to his parents, Henry and Eveline Beaver Omwake,	2,000
THE APPEL MEMORIAL SCHOLARSHIP, founded under the will of the Rev. Richard S. Appel, D.D., as a memorial to his son, Robert S. Appel, A.B., '01, deceased,	2,000
THE ANNIE NEFF SCHOLARSHIP, founded under the will of Miss Annie Neff of Alexandria, Huntingdon County, Pa.,	1,500
THE GRACE CHURCH SCHOLARSHIP, founded by Milton Warner and Wilson H. Lear of Grace Reformed Church, Philadelphia, Pa.,	1,000
THE JOHN ALEXANDER SCHOLARSHIP, founded by John Alexander, D.D., '01, of St. Louis, Missouri, in appreciation of benefits enjoyed when a student in the College,	1,000
THE ELIZABETH FREY SCHOLARSHIPS, founded as a memorial to Mrs. Elizabeth Frey of Stewartstown, Pa., with funds donated to the College by her during life,	11,500
THE GEORGE W. AND FRANCES R. HENCH SCHOLARSHIP, founded by the Rev. S. M. Hench, D.D., '77, of Trappe, Pa., as a memorial to his parents, the income to be used in aiding students for the ministry,	1,500
THE MATTIE B. HENCH SCHOLARSHIP, founded as a memorial to Mrs. Mattie B. Hench of Trappe, Pa., with funds donated to the College by her during life,	1,200
THE SIEBERT SCHOLARSHIP, established in memory of P. W. Siebert of Pittsburgh, Pa., from a fund designated by him for the College out of his estate,	1,004
THE GEORGE S. SORBER SCHOLARSHIP, founded by the Rev. George S. Sorber, D.D., '76, of York, Pennsylvania,	2,000

Ursinus College

THE ALICE L. AND WILLIAM D. FOX SCHOLARSHIP, founded under the will of Mrs. Alice L. Fox, of Lebanon, Pa.,	\$1,000
THE FETTEROLF MEMORIAL SCHOLARSHIP, founded under the will of Abraham D. Fetterolf, of Collegetown, Pa.,	2,000
THE AARON E. MARCH SCHOLARSHIP, founded by Aaron E. March, of York, Pa.,	2,000

TEMPORARY SCHOLARSHIPS

Temporary scholarships in the amount of \$4,000 have been provided by the Board of Directors out of current income to be used in aiding students in financial need during the period of the depression. These scholarships will be available in 1935-36. They will be awarded only to students of superior academic attainments and only in cases of unquestioned need.

LOAN FUND

A loan fund has been established through gifts of individuals and an appropriation by the Board of Directors, out of which loans are made to upper class students under a contract providing definitely for their repayment. Application must be made to the President of the College who is custodian of the Fund.

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-curriculum student activities. A standard position, as a waitership in the dining room, yields compensation amounting to One Hundred and Seventy-five Dollars for the year. About eighty 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 lodged in the infirmaries or confined to their rooms. The Resident Nurse is in charge of the infirmaries, cares for the sick under the direction of the Physician, attends to minor ills and injuries, and lends her aid in maintaining physical health and efficiency among the students of the College.

Each student is given a physical examination on entering college, and is advised as to ways and means of maintaining health and fitness for work.

TEACHER PLACEMENT BUREAU

Ursinus College, through its Department of Education, conducts a Teacher Placement Bureau for assisting members of the senior class prepared for certification to secure teaching positions, and to aid graduates in service to obtain advancement in the profession. This Bureau cooperates with the Placement Service, Teacher Bureau, Department of Public Instruction, Harrisburg, Pennsylvania, and the Pennsylvania State Teacher Placement Association of which Ursinus College is a member. All of these services are free. Communications should be addressed to Professor Eugene B. Michael or Professor Jesse S. Heiges.

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. This building is for the use of the departments of language and literature, the social sciences, history, philosophy, religion, public speaking and music. In it are the chapel, twelve classrooms, six conference rooms, a seminar room, two music studios, two day studies, and the offices of the Dean, the Registrar, the Treasurer, and the Director of Student Teaching and Placement. The CLARK MEMORIAL ORGAN, the gift of Mrs. Charles Heber Clark of Conshohocken, Pa., occupies a position in the front of the chapel in Bomberger Hall. The organ is a memorial to the late Charles Heber Clark, LL.D.

THE SCIENCE BUILDING, erected in 1931-32, is a fire-proof structure, 186 feet in length and 96 feet in depth. The first floor and basement are devoted to Psychology, Education, Mathematics and Physics, the second floor to Biology, and the third floor to Chemistry. A large room at the base of the cupola and a roof-deck 45 feet square adjoining it for observation, are for the use of the Astronomy department. The building contains the office of the President, thirteen teaching laboratories, two laboratories for research, nine professors' laboratories, three temperature rooms, a dark room, a balance room, two storage rooms, vivarium and aquarium, six supply and preparation rooms, a machinery room, workshop, electrical control room, elevator, incinerator, seven classrooms, a lecture hall with gallery and projection booth, a library and reading room, two rooms for stenographers, and nine locker rooms, cloak rooms, lounges and toilets. There are two steel stairways so located as to require a minimum of travel in going to any part of the building. The services available in the laboratories are hot water, cold water, drainage, high pressure steam, high

pressure return, gas, compressed air, distilled water, hydrogen sulphide, 110 volt alternating current, 110 volt direct current, and low voltage direct current. Steam is conducted to the building through a tunnel leading from the central heating plant. The temperature of each room is automatically controlled by the latest system of temperature regulation. The ventilating system provides for the introduction of heated fresh air and the withdrawal of vitiated air by means of motor driven fans. The most durable acid resisting materials are used in the construction of hoods and ducts for disposing of fumes. All laboratories, storage and preparation rooms are equipped with all-steel tables, desks, cases and shelves built to meet particular requirements. The table-tops and sinks are of Alberene stone.

The ALUMNI MEMORIAL LIBRARY is a building of Chestnut Hill stone in Colonial style and 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, a faculty room, and a museum. 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. 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 are appropriate inscriptions.

THE THOMPSON-GAY GYMNASIUM, built in 1927, occupies a convenient position adjoining Patterson Field. It is built of native brownstone, structural steel and concrete. It contains a playing-floor, two locker rooms, two shower rooms, a gallery for spectators, coaches' offices and storage rooms. At one end of the main floor is a completely equipped theatrical stage. Portable seating constitutes part of the equipment of the build

ing. The seating capacity when used as a theater is one thousand. This building is a memorial to Robert W. Thompson, '12, and George H. Gay, '13, noted Ursinus athletes, both of whom died in their senior year in College.

FREELAND HALL, the original building of Freeland Seminary, DERR HALL and STINE HALL constitute a group of buildings for domestic purposes. The buildings are of stone having a light sand finish four stories in height with a fifth story of dormer rooms. On the two lower floors are the dining rooms, four in number, the kitchen, storage and refrigeration rooms, and the office of the dietitian. The upper floors are fitted up for the residence of men students. The rooms are of varying size, designed for one or two occupants, a number being arranged *en suite*.

THE BRODBECK and CURTIS DORMITORIES FOR MEN are new buildings of exactly the same size and design. They are in English Colonial style and are built of Chestnut Hill stone. Each building has four floors, the downstairs floor being devoted partly to storage. The rooms are spacious, well-lighted and easy of access by means of fireproof stairways. These buildings embody the latest and best ideas with reference to student residence. They bear the names of esteemed contemporary benefactors of the College—Andrew R. Brodbeck and Cyrus H. K. Curtis.

SHREINER HALL, fronting on Main Street and facing the college campus, is a residence hall for young women. This is a three-story brick building arranged for the accommodation of twenty-nine students. On the first floor are a reception room and the office of the Dean of Women.

TRINITY COTTAGE, familiarly known as South Hall, is a residence for young women located in Sixth Avenue, having eighteen rooms. This building, with the grounds on which it is located, represents a joint benefaction to the college by the

late Henry M. Housekeeper, who was 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 three story building located on Main Street, opposite the east campus, a residence hall for women, has a capacity for thirty students.

GLENWOOD, a building 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.

LYNNEWOOD and FIRCROFT are private residence halls for students located off campus but convenient to the College.

SPRANKLE HALL, on the east campus fronting Fifth Avenue, is a large residence with porches and veranda, providing apartments for women students and officers of the institution.

SUPERHOUSE, a 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.

HIGHLAND HALL, a colonial house occupying a commanding site embracing ten acres of grounds, located on Main Street about a ten minutes' walk west of the campus, is owned by the College and used for institutional purposes.

THE EGER GATEWAY, a beautiful piece of work in Chestnut Hill and Indiana stone masonry and hand-wrought iron, was erected in 1925 by George P. Eger, of Reading, Pennsylvania, father of a member of the graduating class, in appreciation of the work of the College. It constitutes the entrance to the avenue leading to Freeland Hall.

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

THE COLLEGE LIBRARY

The College Library contains about twenty-four 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 a. m. to 6 p. m., and from 7 to 10 p. m.; on Sundays from 2 to 4 p. m. 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 United States Daily, The New York Times, The Wall Street Journal, The Philadelphia Inquirer, The Philadelphia Record, The Allentown Morning Call, The Manchester Guardian, Reformed Church Messenger, Reformed Church Record, Christian World, The Christian Advocate, The Christian Century, The Presbyterian Advance, and the local papers.

PERIODICALS.—The Atlantic Monthly, Scribner's Magazine, Harper's Magazine, The Bookman, The Golden Book, The Times Literary Supplement, The World's Work, The Contemporary Review, The Fortnightly Review, The Nineteenth Century and After, The North American Review, The Outlook, The Nation, Time, The New Republic, The Survey, The Review of Reviews, Current History, The Forum, The Yale Review, The Hibbert Journal, The International Journal of Ethics, The Journal of Religion, The Christian Union Quarterly, The Missionary Review, The Outlook of Missions,

Die Abendschule, Das Deutsche Echo, Le Petit Journal, Asia, The Geographic Magazine, The Scientific American, The Scientific Monthly, Science, Biological Abstracts, Scientia, Journal of the American Medical Association, Forest Leaves, The American Naturalist, The Farm Journal, Political Science Quarterly, Philosophical Review, Mind, Philosophy, The American Journal of Psychology, The Psychological Review, The Psychological Bulletin, Journal of Abnormal and Social Psychology, The Journal of Philosophy, The London, Edinburgh and Dublin Philosophical Magazine and Journal of Science, The Classical Review, The American Scholar, School and Society, Journal of Higher Education, The School Review, School Life, Pennsylvania School Journal, The Journal of the National Education Association, Popular Astronomy, Mathematics Teacher, The American Mathematical Monthly, Industrial and Engineering Chemistry, Chemical Review, Physical Review, The Modern Language Journal, General Physiology, Mental Hygiene, Social Hygiene, Hygeia, American Journal of Public Health, Inter-America, Annals of the American Academy, The American Journal of International Law, Commerce Monthly, Federal Reserve Bulletin, Quarterly Journal of Economics, The Journal of Business, Journal of Retailing, Bureau of Standards Journal of Research, Foreign Affairs, Foreign Policy Association Information Service, The American Journal of Sociology, Journal of Applied Sociology, Public Management, The American City, and a number of other periodicals.

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; T. C., Trinity Cottage; Mp., The Maples; G., Glenwood; Sp. H., Sprinkle Hall; B. D., Brodbeck Dormitory; C. D., Curtis Dormitory.

THE MATHEMATICS GROUP

FRANKLIN LEWIS ALBRIGHT.....	<i>Allentown, R. D.</i>	F. H. South Whitehall High School
JAMES HENRY BAIRD.....	<i>Collegeville</i>	Collegeville Central High School, Pennington, N. J.
HAROLD ABRAM BEYER.....	<i>Norristown, R. D.</i>	Norristown Norristown High School
WILLIAM LEWIS BURCHFIELD, JR.....	<i>Pottstown</i>	Pottstown Pottstown High School
WILLIAM SMITH CRAMER.....	<i>York</i>	B. D. William Penn Senior High School
JOHN WILLIAM DEWIRE, JR.....	<i>Milton</i>	F. H. Milton High School
RICHARD DUNN.....	<i>Oaks</i>	Oaks Phoenixville High School
GLENN KLINE EPPRECHT.....	<i>Mont Clare</i>	Mont Clare Phoenixville High School
DORA GERTRUDE EVANS.....	<i>West Chester</i>	G. West Chester High School
MILDRED ALICE FILE.....	<i>Philadelphia</i>	Mp. Philadelphia High School for Girls
CLYDE ALLAN FREECE.....	<i>Oaks</i>	B. D. Phoenixville High School
MAUDE BEST FUNK.....	<i>New Hope</i>	Fircroft New Hope High School
LYDIA ESTHER GANSER.....	<i>Norristown</i>	Sh. H. Norristown High School
CHARLES WILLIAM GEORGE.....	<i>Shenandoah</i>	S. H. Womelsdorf High School
CHARLES HOWARD GILL.....	<i>Norristown</i>	D. H. Norristown High School
ROBERT MORRIS GOTTSCHALL.....	<i>Norristown</i>	C. D. Perkiomen Preparatory School
CHARLES EDWARD HARVEY.....	<i>Philadelphia</i>	C. D. Germantown High School
DOROTHY ELMIRA HORNE.....	<i>York, R. R.</i>	Collegeville William Penn Senior High School
NORRIS AUSTIN JOHNSON.....	<i>Trappe</i>	Trappe Collegeville High School
ROY JOHNSON, JR.....	<i>Elmer, R. D., N. J.</i>	C. D. Bridgeton High School

ALEXANDER KRAVITZ	<i>Philadelphia</i>	B. D.
South Philadelphia High School		
ALEXANDER MILLER LEIDY	<i>Manheim</i>	C. D.
Manheim High School		
SAMUEL CHARLES LEVIN	<i>Philadelphia</i>	D. H.
Northeast High School		
ALMA ELMIRA LUDWIG	<i>Minersville</i>	Sh. H.
Minersville High School		
RACHEL ELIZABETH MACKLEY	<i>Manheim</i>	Sh. H.
Manheim High School		
WARD FRANKLIN MACNAIR	<i>Chalfont</i>	D. H.
Doylestown High School		
ROBERT FRANCIS MCLAUGHLIN	<i>Newtown Square</i>	F. H.
Marple-Newtown High School		
SARAH WILHELMINA MEINHARDT	<i>Reading</i>	Sh. H.
Reading Senior High School		
FRANK STAUFFER MOWERE	<i>Phoenixville, R. D.</i>	Phoenixville
Phoenixville High School		
DONALD GORDON OHL	<i>Milton</i>	B. D.
Milton High School		
MILDRED LOUISE OLP	<i>York</i>	Lynnewood
William Penn Senior High School		
JOHN DANIEL PEIFER	<i>Bloomsburg</i>	B. D.
Bloomsburg High School		
JOHN JOSEPH PORAMBO	<i>Summit Hill</i>	Collegeville
Summit Hill High School		
RUTH ELIZABETH RENNEBERG	<i>Chester</i>	G.
Chester High School		
WOODROW WILSON ROBBINS	<i>Woodstown, N. J.</i>	F. H.
Woodstown High School		
CLAUDE VERNON ROEDER	<i>East Greenville</i>	East Greenville
East Greenville High School		
RICHARD HOFF ROWLAND	<i>Parkerford</i>	F. H.
Spring City High School		
CARL FRANKLIN SENCENBACH	<i>Bath</i>	F. H.
Bethlehem High School		
PHYLLIS MAE WATSON	<i>Nesquehoning</i>	Sh. H.
Mauch Chunk Township High School		
HAROLD STANLEY WEIKEL	<i>Quakertown</i>	S. H.
Quakertown High School		
ADA BOHNENBERGER YOUNG	<i>Hendricks</i>	Hendricks
Schwenksville High School		

CHEMISTRY-BIOLOGY GROUP

WILBUR DRESHER ANDERS	<i>Lansdale</i>	Lansdale
Perkiomen Preparatory School		

MARGARET LIDA BATDORF.....	<i>Pottstown, R. D.</i>	.....	Pottstown
North Coventry High School			
KENNETH WELLS BENJAMIN.....	<i>Philadelphia</i>	.....	B. D.
Simon Gratz High School			
PAUL PETER BIELIC.....	<i>McKeesport</i>	.....	B. D.
McKeesport High School			
FLORENCE ELISE BOWE.....	<i>Pottstown, R. D.</i>	.....	Pottstown
Pottstown High School			
PAUL G. BOWER.....	<i>Pottstown</i>	.....	B. D.
Perkiomen Preparatory School			
WILLIAM CHARLES BOWN.....	<i>Collegeville, R. D.</i>	.....	F. H.
Norristown High School			
WALTER THOMAS BOYER.....	<i>Douglassville</i>	.....	Collegeville
Amity High School			
THEO. HENRY BOYSEN, JR.....	<i>Egg Harbor City, N. J.</i>	.....	F. H.
Atlantic City High School			
ROBERT LEWIS BRANDAUR.....	<i>Mahanoy City</i>	.....	F. H.
Mahanoy City High School			
LESTER CALVIN BROWN.....	<i>Freehold, R. D., N. J.</i>	.....	C. D.
Freehold High School			
MORRIS CHAK.....	<i>Eddystone</i>	.....	C. D.
Eddystone High School			
JOHN RAYMOND CHRISTY, JR.....	<i>Philadelphia</i>	.....	Philadelphia
Roxborough High School			
ALEXANDER ROBERTSON CLAWSON..	<i>Collegeville</i>	.....	Collegeville
Collegeville High School			
JOSEPH ANTHONY CONCELLO.....	<i>Chester</i>	.....	B. D.
Temple University			
FLORA VIRGINIA COOKE.....	<i>Norristown, R. D.</i>	..	Jeffersonville
Cheltenham High School			
EARL WAYNE COVERT.....	<i>Camden, N. J.</i>	.....	D. H.
Camden High School			
GEORGE WILLIAM COYLE.....	<i>Philadelphia</i>	.....	C. D.
Germantown High School			
CHARLES LAMB CUBBERLEY, JR.....	<i>Hamilton Square, N. J.</i>	....	D. H.
Hamilton Township High School			
PRUDENCE EDITH DEBRICK.....	<i>Drexel Hill</i>	.....	Sh. H.
Upper Darby High School			
ROBERT REYNOLDS DEEN.....	<i>Port Royal</i>	.....	C. D.
Port Royal High School			
CHARLES HINKLE EDWARDS.....	<i>Hummelstown</i>	.....	D. H.
Hummelstown High School			
FLORENCE EDNA EISENBERG.....	<i>Conshohocken</i>	.....	Fircroft
Conshohocken High School			
EDWARD SAMUEL ELLIS.....	<i>Bangor</i>	.....	S. H.
Bangor High School			

EDWARD EMMERS, 3RD	<i>Royersford</i>	Royersford Staunton Military Academy
WILLIAM JESSE EPPRECHT, JR.....	<i>Mont Clare</i>	Mont Clare Phoenixville High School
WILLIAM HERBERT EVANS.....	<i>Shenandoah</i>	Collegeville Cornell University
GEORGE EDWARD FISSEL.....	<i>York</i>	B. D. William Penn Senior High School
MAX FRAGER.....	<i>Philadelphia</i>	F. H. University of Pennsylvania
BERTHA IRENE FRANCIS.....	<i>Collegeville</i>	Collegeville Collegeville High School
ROBERT RITCHIE FRANTZ.....	<i>Philadelphia</i>	D. H. South Philadelphia High School
OSCAR CASSELL FREAS, JR.....	<i>Conshohocken</i>	D. H. Conshohocken High School
EDWARD LIVINGSTONE FRENCH.....	<i>Norristown</i>	Norristown Norristown High School
BERNARD GELLER.....	<i>Wyncote</i>	Wyncote Cheltenham High School
HAROLD ALBERT GOLDBERG.....	<i>Phoenixville</i>	Phoenixville Phoenixville High School
LOUIS GOLDBERG.....	<i>Phoenixville</i>	Phoenixville Phoenixville High School
BERYL LOUISE GOODMAN.....	<i>Ardmore</i>	Sh. H. Haverford Township High School
JOHN THOMAS GORHAM.....	<i>Chester</i>	B. D. Chester High School
HERBERT GRIFFITHS.....	<i>Trenton, N. J.</i>	S. H. Hamilton High School
SYLVAN GROTTTE.....	<i>Philadelphia</i>	C. D. Simon Gratz High School
NANCY LOUISE HARMAN	<i>Hazleton</i>	Sh. H. Hazleton High School
TERU HAYASHI	<i>Atlantic City, N. J.</i>	S. H. Atlantic City High School
HARRY KING HEIGES.....	<i>York</i>	F. H. Wenonah Military Academy
DAVID ROBERT HESS.....	<i>Winchester, Va.</i>	S. H. Handley High School
JAMES LACHLAN HILLIER.....	<i>Trappe</i>	Trappe Collegeville High School
HAROLD NELSON HOLCOMBE.....	<i>York</i>	S. H. William Penn Senior High School
WILLIAM PATTERSON HUNTER.....	<i>Pitman, N. J.</i>	B. D. Pitman High School

RICHARD ISAAC JAMES.....	<i>Kingston</i>	C. D.
Kingston High School		
VIVIAN ELIZABETH JENSEN.....	<i>Glenside</i>	Sh. H.
Abington High School		
RUSSELL CLAIR JONES, JR.....	<i>Spring City</i>	C. D.
Spring City High School		
THERESA KEYSER.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
RUSSELL SCULLER KING.....	<i>Philadelphia</i>	C. D.
West Philadelphia High School		
LEE PENNELL KINKADE.....	<i>Aldan</i>	C. D.
Upper Darby High School		
DONALD HARRY KOCHER.....	<i>Palmerton</i>	D. H.
Palmerton High School		
RUTH ESTELLA KRAMER.....	<i>Collingswood, N. J.</i>	Fircroft
Collingswood High School		
JACOB KRAUSE.....	<i>Norristown</i>	Norristown
Temple University		
EARL SHAFFER KRICK.....	<i>Reading</i>	C. D.
Mercersburg Academy		
CAMILLE ROGER KURTZ.....	<i>Millbourne</i>	B. D.
Overbrook High School		
SAMUEL EDWIN KURTZ.....	<i>Sanatoga</i>	Sanatoga
Pottstown High School		
PETER GEORGE KUTRA.....	<i>Trappe</i>	Trappe
Collegeville High School		
ROBERT H. LANDIS.....	<i>Wyncote</i>	B. D.
Cheltenham High School		
HELEN ROADS LAUBENSTEIN.....	<i>Ashland</i>	Mp.
Ashland High School		
HENRY PRATHER ALLEN LAUGHLIN.....	<i>Hagerstown, Md.</i>	Collegeville
Hagerstown High School		
MIRIAM EMILY LEDERER.....	<i>Pottstown</i>	G.
Far Rockaway High School, N. Y.		
WILLIAM M. LEEBRON.....	<i>Philadelphia</i>	Philadelphia
West Philadelphia High School		
WILLIAM WALTER LEMAN.....	<i>Philadelphia</i>	C. D.
West Philadelphia High School		
ALEXANDER LEWIS.....	<i>Danville, R. D.</i>	B. D.
Danville High School		
DONALD ARTHUR LEWIS.....	<i>Bloomsburg</i>	B. D.
Bloomsburg High School		
JACK LEIGHTON MALONEY.....	<i>Pottstown</i>	Pottstown
Pottstown High School		
GEORGE ROBERT MATTHEWS.....	<i>Anselma</i>	C. D.
West Chester High School		

- HORST RICHARD MEICHSNER.....*Washington, N. J.*.....F. H.
Washington High School
- FRANK LEROY MILLER.....*Collegeville*Collegeville
Collegeville High School
- RICHARD ELI MILLER.....*Tamaqua*B. D.
Tamaqua High School
- ROBERT TAYLOR MONTAGUE.....*Norristown*B. D.
Haverford School
- CHRISTIAN ELWOOD MOSER.....*Spring City*C. D.
Spring City High School
- GRACE REBECCA NACHOD.....*Wyncote*Lynnewood
Cheltenham High School
- CLAIR EARNEST NEVERGOLL.....*New Kensington*B. D.
Kiski Preparatory School
- JENNIE PALILONIS*Swedesboro, N. J.*Sh. H.
Paulsboro High School
- MARGARET PAXSON.....*Philadelphia*Collegeville
Simon Gratz High School
- BEATRICE PEARLSTINE.....*Collegeville*Collegeville
Collegeville High School
- BENJAMIN LEO PERZIN.....*Philadelphia*B. D.
Northeast High School
- WALTER SAMUEL PRICE.....*Palmyra, N. J.*C. D.
Palmyra High School
- LOLA STUART REED.....*Sellersville*Fircroft
Sellersville-Perkasie High School
- JAMES EVAN REESE.....*New Boston*S. H.
Mahanoy Township High School
- WILLIAM GERALD RIDGWAY.....*Bridgeton, N. J.*B. D.
Bridgeton High School
- ROBERT BLAIR RONAN.....*Bridgeport*Bridgeport
Bridgeport High School
- JOSEPH RUDOLPH*Norristown*Norristown
University of Pennsylvania
- SAMUEL G. SANDLER.....*Norristown*Norristown
Ohio College of Chiropody
- JOSEPH SCANDONE*Norristown*Norristown
Norristown High School
- EDWARD RICHARD SCHAEFFER *Oaks*Oaks
University of Pennsylvania
- WILLIAM ANDERSON SCHENCK, JR..*Phoenixville, R. D.* ..Phoenixville
Friends Select School
- HUGH RAYMOND SCHMIDT.....*Schwenksville*Schwenksville
Schwenksville High School
- RUTH HELEN SEITZ.....*Mt. Penn*Mp.
Mt. Penn High School

EUGENE ALLAIRE SHAFTO.....	<i>Farmingdale, N. J.</i>	B. D.
Freehold High School		
WILLIAM JOHN SHIBE, JR.....	<i>Andalusia</i>	B. D.
Drexel Institute		
DOROTHY LOUISE SHINDEL.....	<i>York, R. D.</i>	Lynnewood
North York High School		
CHARLES EDWARD SMITH, JR.....	<i>Waymart</i>	C. D.
Wyoming Seminary		
GORDON WASHINGTON SPANGLER.....	<i>York</i>	S. H.
William Penn Senior High School		
MARY PHIFER SPENCE.....	<i>Norristown</i>	Norristown
Norristown High School		
HARRIET LUCILLE STAPP.....	<i>Pottstown</i>	Mp.
Pottstown High School		
ROBERT EXCEL STEWARD.....	<i>Hillside, N. J.</i>	B. D.
Hillside High School		
ALBERT ROSS STEWART.....	<i>Lansdale, R. D.</i>	S. H.
Lansdale High School		
ANNE SUTTON.....	<i>Roebling, N. J.</i>	Sh. H.
Bordentown High School		
FRANK JOSEPH TORNETTA.....	<i>Norristown</i>	Norristown
Norristown High School		
ANGELO JOSEPH VACCARO.....	<i>Steubenville, Ohio</i>	B. D.
Newton Academy		
WARREN WILLIAM WALTERS, JR.....	<i>Trappe</i>	Trappe
Royersford High School		
SARA CAROLYN WARNER.....	<i>Salem, N. J.</i>	G.
Salem High School		
PETER JOHN WASHKO.....	<i>Edwardsville</i>	S. H.
Edwardsville High School		
PAUL ELLSWORTH WILLIAMS.....	<i>Chester Springs</i>	F. H.
West Chester High School		
WILBUR HOWARD WIRE.....	<i>York</i>	F. H.
Dover High School		
HENRY GEORGE WOLFE.....	<i>York</i>	B. D.
William Penn Senior High School		
JOHN WOZNIAK.....	<i>McKeesport</i>	B. D.
McKeesport High School		
WILLIAM KIRK WYATT, JR.....	<i>Lansdale</i>	Lansdale
Lansdale High School		
ELMER EVANS YEAGER.....	<i>Spring City</i>	Spring City
Spring City High School		
ROBERT BRUCE ZERBE.....	<i>Tremont</i>	Collegeville
Tremont High School		
HARRY WALTER ZOLL.....	<i>Riverside, N. J.</i>	B. D.
Riverside High School		

HISTORY-SOCIAL SCIENCE GROUP

MARY HELEN ALSPACH.....	<i>Lancaster</i>	.....	T. C.
Stevens High School			
AGNES MAY BAKER.....	<i>Centre Square</i>	.....	Centre Square
Whitpain High School			
ELIZABETH EVENS BALLINGER.....	<i>Collingswood, N. J.</i>	.....	Sh. H.
Collingswood High School			
GILBERT JARED BARTHOLOMEW.....	<i>Womelsdorf</i>	.....	F. H.
Catasauqua High School			
HERMAN BASSMAN.....	<i>Philadelphia</i>	.....	D. H.
Central High School			
ROBERT SOLOMON BEAR, JR.....	<i>Hamburg</i>	.....	B. D.
Hamburg High School			
THOMAS JOHN BEDDOW.....	<i>Frackville</i>	.....	B. D.
Frackville High School			
ELIZABETH ANDERA BENSCHOTER.....	<i>East Mauch Chunk</i>	.....	G.
East Mauch Chunk High School			
ROBERTA BESSON.....	<i>Frenchtown, N. J.</i>	.....	Collegeville
Frenchtown High School			
MARY BELLE BILLETT.....	<i>Schwenksville</i>	.....	Schwenksville
Collegeville High School			
GORDON JACOB BILLGER.....	<i>Philadelphia</i>	.....	S. H.
Roxborough High School			
HELEN MARGARET BLASBERG.....	<i>Hawthorne, N. J.</i>	.....	G.
Central High School			
VINCENT JACOB BONKOSKI.....	<i>Conshohocken</i>	.....	Conshohocken
Newton Academy			
MARLIN BOOSER BRANDT.....	<i>Hershey</i>	.....	D. H.
Hershey High School			
HARRY FINDLEY BRIAN.....	<i>Lancaster</i>	.....	D. H.
Lancaster High School			
ELI BROIDY.....	<i>Vineland, N. J.</i>	.....	F. H.
Vineland High School			
HELENE MARJORIE BROSZ.....	<i>Collegeville, R. D.</i>	.....	Collegeville
Collegeville High School			
JOHN HENRY BROWN, JR.....	<i>Philadelphia</i>	.....	Collegeville
Frankford High School			
THOMAS ARMOUR BURNS.....	<i>Philadelphia</i>	.....	Philadelphia
Northeast High School			
HELEN GERTRUDE CALDWELL.....	<i>Philadelphia</i>	.....	Mp.
Olney High School			
RAYMOND LYNN CARR.....	<i>Haddon Heights, N. J.</i>	.....	C. D.
Edgewood School, Greenwich, Conn.			
GEORGE BEAR CARVELL.....	<i>Narvon, R. D.</i>	.....	F. H.
Caernarvon High School			

DANIEL CHESTNUT, JR.	<i>Philadelphia</i>	C. D.
Brown Preparatory School		
HERBERT ALLEN COOPER	<i>Drexel Hill</i>	Drexel Hill
Duke University		
RAYMOND ANTHONY COSTELLO	<i>Burlington, N. J.</i>	B. D.
Burlington High School		
ELIZABETH ANN DAVIS	<i>Summit Hill</i>	G.
Summit Hill High School		
FREDERICK WILLIAM DITZEL	<i>Hazleton</i>	F. H.
Hazleton High School		
CHARLES JACOB DRESCH	<i>St. Clair</i>	B. D.
St. Clair High School		
LOUIS FOXMAN	<i>Linden, N. J.</i>	B. D.
Temple University		
LILLIAN BESSIE FRENCH	<i>Camden, N. J.</i>	Mp.
Camden High School		
EDWIN HERBERT FREY	<i>Philadelphia</i>	C. D.
Temple University		
PHILIP GARBER	<i>Norristown</i>	Norristown
Norristown High School		
ALBERT ROBERT GAUMER	<i>Philadelphia</i>	C. D.
Perkiomen Preparatory School		
ELMER STOUT GAUMER	<i>Philadelphia</i>	C. D.
Germantown High School		
EDWARD WILLIAM GEARY	<i>Hamburg</i>	C. D.
Hamburg High School		
HAROLD BISHOP GENSLER	<i>Collegeville</i>	Collegeville
Collegeville High School		
ROBERT BROWNING GIBBEL	<i>Lititz</i>	C. D.
Juniata College		
GEORGE GIVANT	<i>Lancaster</i>	C. D.
Lancaster High School		
THOMAS PARVIN GLASSMOYER	<i>Reading</i>	B. D.
Reading High School		
MILDRED EVA GRING	<i>Reading</i>	T. C.
Muhlenberg Township High School		
VERNON DELONG GROFF	<i>Souderton</i>	F. H.
Souderton High School		
WILLIAM JONATHAN GROVE	<i>Pennsburg</i>	Pennsburg
Pennsburg High School		
PAUL IVINS GUEST	<i>Riverton, N. J.</i>	Collegeville
Palmyra High School		
WILLIAM GORDON HANNAWAY	<i>Norristown</i>	Norristown
Pierce Business School		
ELBERT KERMIT HARBAUGH	<i>McKnightstown</i>	D. H.
Gettysburg High School		
RITA ELLEN HARLEY	<i>East Greenville</i>	Mp.
East Greenville High School		

Lists of Students

JOSIAH HARRIS.....	<i>New York City</i>	C. D.
Fordham University		
JESSE GIBSON HEIGES.....	<i>Shippensburg</i>	B. D.
Shippensburg High School		
THOMAS GABRIEL HEPNER.....	<i>Herndon</i>	S. H.
Herndon High School		
WESLEY LYON HOFFMAN.....	<i>Philadelphia</i>	F. H.
Girard College High School		
ELLA CUPPS HUMPHREYS.....	<i>Philadelphia</i>	T. C.
Kensington High School		
WILLIAM IRWIN.....	<i>Philadelphia</i>	S. H.
Olney High School		
HAROLD EVERETT JONES.....	<i>Woodbury, N. J.</i>	C. D.
Bordentown Military Institute		
SARAH HELEN KEYSER.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
NORMAN SAMUEL KINDT.....	<i>Red Hill</i>	Red Hill
East Greenville High School		
JOHN MICHAEL KNOLL, JR.....	<i>Montgomeryville</i>	Collegeville
Lansdale High School		
ROBERT LAMAR KREBS.....	<i>St. Clair</i>	D. H.
St. Clair High School		
LUELLA RICHTER KREIDER.....	<i>Media</i>	Sh. H.
Bucknell University		
HENRY HAROLD KRIGER.....	<i>Norristown</i>	Norristown
Norristown High School		
LOUIS ARTHUR KRUG.....	<i>Philadelphia</i>	C. D.
Northeast High School		
HENRY MARION KWIECINSKI.....	<i>Hammonton, R. D., N. J.</i>	B. D.
Hammonton High School		
GORDON HERBERT LAMORE.....	<i>Pottstown</i>	Pottstown
Pottstown High School		
EMILY MARIE LANDIS.....	<i>Berlin</i>	Sh. H.
Berlin High School		
HARVEY LEROY LANDIS.....	<i>Royersford</i>	Royersford
Royersford High School		
ABE ELI LIPKIN.....	<i>Frackville</i>	D. H.
Frackville High School		
DANIEL FREDERICK LITTLE, JR.....	<i>Pittstown, N. J.</i>	B. D.
Amherst College		
LILLIAN THERESA LUCIA.....	<i>York</i>	Sh. H.
William Penn Senior High School		
ELEANOR LYLE.....	<i>Philadelphia</i>	G.
Gloucester High School		
RACHEL CREIGHTON MCAVOY.....	<i>Phoenixville</i>	Phoenixville
Friends Select School		

JOSEPH DOUGLAS MERTZ.....	<i>Orefield</i>	.....	B. D.
South Whitehall High School			
HOWARD ALLEN MICHENER.....	<i>Bridgeport</i>	.....	Bridgeport
Bridgeport High School			
FREDERICK WILLIAM MUELLER, JR.....	<i>Egg Harbor City, N. J.</i>	.....	B. D.
Egg Harbor City High School			
CAROLYN E. MULLIN.....	<i>Prospectville</i>	.....	Evansburg
Ambler High School			
JOHN MEEKER NEVILLE.....	<i>East Orange, N. J.</i>	.....	F. H.
Rutgers Preparatory School			
HERADAH ELEANOR NEWSOME.....	<i>Chester</i>	.....	Sh. H.
Chester High School			
DOUGLAS VINCENT O'DELL.....	<i>Pottstown</i>	.....	Pottstown
Pottstown High School			
GARFIELD SIEBER PANCOAST.....	<i>Camden, N. J.</i>	.....	B. D.
Wenonah Military Academy			
NANCY CAROLINE PUGH.....	<i>East Petersburg</i>	.....	T. C.
East Hempfield High School			
ALFRED WILSON RAHN.....	<i>Souderton</i>	.....	D. H.
Souderton High School			
ALICE MINERVA RICHARD.....	<i>Red Hill</i>	.....	Red Hill
East Greenville High School			
RUDOLPH RISK	<i>Freehold, N. J.</i>	.....	B. D.
Freehold High School			
FLORENCE LOUISE ROBERTS.....	<i>Linwood</i>	.....	Collegeville
Ridley Park High School			
ALBERT CLARENCE ROBINSON.....	<i>Butler</i>	.....	S. H.
Butler High School			
MARY SUSAN ROHRER.....	<i>Lancaster</i>	.....	Sh. H.
Stevens High School			
CARL SANTORO.....	<i>Norristown</i>	.....	Collegeville
Norristown High School			
GEORGE JOHN SANTORO.....	<i>Bridgeport</i>	.....	Bridgeport
Norristown High School			
HENRY A. WOODROW SCHAEFFER.....	<i>Tamaqua</i>	.....	D. H.
Tamaqua High School			
FREDERICK BRADFORD SCHIELE.....	<i>Norristown</i>	.....	D. H.
Norristown High School			
ELMER WILLIAM JOHN SCHMITT.....	<i>Philadelphia</i>	.....	Trooper
Central High School			
JOHN SCHNABEL, JR.....	<i>Philadelphia</i>	.....	C. D.
Northeast High School			
LAWRENCE VICTOR SHEAR.....	<i>Trenton, N. J.</i>	.....	B. D.
Swarthmore Preparatory School			
ERNEST EUGENE SHELLEY.....	<i>York</i>	.....	F. H.
William Penn Senior High School			

MABEL VIRGINIA SHELLEY.....	<i>Lancaster</i>	.....	Sh. H.
Stevens High School			
TROUPIERE ODETTIE SIPE.....	<i>Gloucester, N. J.</i>	.....	T. C.
Gloucester High School			
HELEN LUCILLE SMITH.....	<i>Pottstown</i>	.....	Pottstown
Wilson College			
THELMA VIRGINIA SMITH.....	<i>Yoe</i>	.....	G.
Red Lion High School			
WILLIAM HENRY SOLLY, JR.....	<i>Philadelphia</i>	.....	S. H.
Simon Gratz High School			
VIRGIL GEORGE SOMMERS.....	<i>Collegeville</i>	.....	Collegeville
Collegeville High School			
LAWRENCE EDWARD SPRAGUE.....	<i>Philadelphia</i>	.....	C. D.
Collingswood High School			
DOROTHY LOIS STAUFFER.....	<i>New Holland</i>	.....	Mp.
New Holland High School			
SARAH JANE STEPHEN.....	<i>Reading</i>	.....	Mp.
Reading High School			
ROBERT CHARLES STEWART.....	<i>Northampton</i>	.....	D. H.
Northampton High School			
GEORGE PETER STOUDT.....	<i>Myerstown</i>	.....	D. H.
Myerstown High School			
MARK REBER STOUDT.....	<i>Leesport</i>	.....	B. D.
Ontelaunee Vocational School			
HERBERT EVANS STRATTON.....	<i>Drexel Hill</i>	.....	D. H.
Upper Darby High School			
CLYDE FRANKLIN STRAUB.....	<i>Ashland</i>	.....	B. D.
Ashland High School			
WILLIAM HENRY TEMPEST.....	<i>Catasauqua</i>	.....	F. H.
Catasauqua High School			
JOHN S. THRONE.....	<i>York</i>	.....	S. H.
North York High School			
JOHN GEORGE TOMLINSON.....	<i>Philadelphia</i>	.....	B. D.
Germantown High School			
ROBERT NORMAN TURNER.....	<i>Richboro</i>	.....	D. H.
Richboro High School			
FRANCIS RODNEY TWORZYDLO.....	<i>Lenola, N. J.</i>	.....	D. H.
Moorestown High School			
THOMAS AIKEN VAN TRIES.....	<i>Philadelphia</i>	.....	C. D.
Perkiomen Preparatory School			
CHARLES C. WALLICK, JR.....	<i>Red Lion</i>	.....	C. D.
Red Lion High School			
LLOYD MONTGOMERY WEIDNER, JR.....	<i>Pottstown</i>	.....	Collegeville
Pottstown High School			
DOROTHEA SENER WIEAND.....	<i>Lancaster</i>	.....	T. C.
The Shippen School for Girls			

KENNETH TITUS WILDONGER.....	<i>Allentown</i>	D. H.
Allentown High School		
HORACE LEHR WITMAN.....	<i>Douglassville</i>	Collegeville
Pottstown High School		
CHARLES BARTON WYATT.....	<i>Lebanon, Indiana</i>	Collegeville
Coesse High School		
ARNOLD FRANCIS WYNNE.....	<i>Bangor</i>	D. H.
Bangor High School		
CHARLES LAWRENCE YALE.....	<i>Treichlers</i>	B. D.
Northampton High School		

THE ENGLISH GROUP

RUTH HELENE BACHMAN.....	<i>Lancaster</i>	Mp.
Manheim Township High School		
MARION MARIE BARLOW.....	<i>Royersford, R. D.</i>	Royersford
Royersford High School		
UTAHNA BASOW.....	<i>Bryn Mawr</i>	Lynnewood
Haverford Township High School		
FLORENCE AMELIA BAUER.....	<i>Palmyra, N. J.</i>	G.
Palmyra High School		
DOROTHEA OPPENLANDER BENNER..	<i>Coopersburg</i>	Sh. H.
Springfield Township High School		
MARTHA KATHLEEN BLACK.....	<i>Gettysburg</i>	Fircroft
Gettysburg High School		
MILDRED RUTH BOYER.....	<i>Norristown</i>	Sh. H.
Norristown High School		
MURIEL ELVA BRANDT.....	<i>Philadelphia</i>	Lynnewood
Simon Gratz High School		
HELEN GERTRUDE BRENDLE.....	<i>Egypt</i>	Mp.
Whitehall High School		
RUTH BURROWES.....	<i>Holmes</i>	Mp.
Friends Select School		
MILDRED ELIZABETH CAIN.....	<i>Collingswood, N. J.</i>	Fircroft
Collingswood High School		
KENNETH LAMAR CLOUSE.....	<i>Reading</i>	F. H.
Reading High School		
PAUL SPENCE CRAIGIE.....	<i>Philadelphia</i>	Collegeville
Central High School		
CHARLES FRANCIS EHLY.....	<i>Philadelphia</i>	C. D.
Roxborough High School		
RAYMOND MILTON ELDRIDGE.....	<i>Reading</i>	F. H.
Reading High School		
SARA JANE ENNIS.....	<i>Trooper</i>	Trooper
Norristown High School		
HARRY FISTER FENSTERMACHER....	<i>Hamburg</i>	F. H.
Hamburg High School		

Lists of Students

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MILDRED GETTINGER FOX.....	<i>Morea</i>	T. C.
Mahanoy Township High School		
VIRGINIA ELIZABETH GARRETT.....	<i>Hallam</i>	T. C.
York Collegiate Institute		
GERTRUDE F. GOLDBERG.....	<i>Phoenixville</i>	Phoenixville
Phoenixville High School		
MARY ELIZABETH GROUNDS.....	<i>Roaring Spring</i>	G.
Roaring Spring High School		
EVELYN MAE HOOVER.....	<i>Huntingdon Valley</i>	Fircroft
Lower Moreland High School		
CRAIG JOHNSTON, JR.....	<i>Philadelphia</i>	D. H.
Ridley Park High School		
BERNETTA WILKINSON JONES.....	<i>Norristown</i>	Norristown
Norristown High School		
SARAH LEEDS JONES.....	<i>Norristown</i>	Lynnewood
Norristown High School		
WALTER BUTLER KELLY.....	<i>Philadelphia</i>	C. D.
Northeast High School		
MARION ELIZABETH KERN.....	<i>Nazareth</i>	G.
Nazareth High School		
ESTELLA MAE KLEIN.....	<i>Riverside, N. J.</i>	G.
Riverside High School		
FRANCES ELENORE KLINE.....	<i>Easton</i>	Lynnewood
Easton High School		
RUTH GILDNER LEIBY.....	<i>New Tripoli</i>	Mp.
Slatington High School		
PAUL WISLER LEVENGOOD.....	<i>Pottstown</i>	B. D.
Pottstown High School		
ELMER GREBE LINK.....	<i>Perkiomenville</i>	Perkiomenville
Schwenksville High School		
SARAH ELIZABETH MCBRIDE.....	<i>Baltimore, Md.</i>	Sh. H.
Boonsboro High School		
MARY ELIZABETH McDEVITT.....	<i>Kennett Square</i>	G.
Kennett Square Consolidated School		
RALPH B. MEISENHOLDER, JR.....	<i>York</i>	B. D.
William Penn Senior High School		
MARGARET LOUISE MOSER.....	<i>Collingswood, N. J.</i>	Mp.
Collingswood High School		
DOROTHY PEARL O'BRIEN.....	<i>Phillipsburg, N. J.</i>	Lynnewood
Phillipsburg High School		
MILDRED MAY PETERMAN.....	<i>Limerick</i>	T. C.
Pottstown High School		
AUDREY ANNA POLEY.....	<i>Trappe</i>	Trappe
Collegetown High School		
IRVING RAPPOPORT.....	<i>Ventnor, N. J.</i>	S. H.
Atlantic City High School		

LYNDELL R. R. REBER.....	<i>Royersford</i>	T. C.
Royersford High School		
LOIS FLOWER REESE.....	<i>Philadelphia</i>	Lynnewood
Simon Gratz High School		
FRANK EARL REYNOLDS.....	<i>Bethlehem</i>	D. H.
Liberty High School		
CAROLINE BAILEY RHOADS.....	<i>Norristown</i>	Sh. H.
Norristown High School		
SHIRLEY LOUISE ROBERTS.....	<i>Marysville</i>	Fircroft
Marysville High School		
REGINA SALOME ROMBERGER.....	<i>Norristown</i>	Norristown
Norristown High School		
ELIZABETH SANTO.....	<i>Phillipsburg, N. J.</i>	Lynnewood
Phillipsburg High School		
CATHARINE ELIZABETH SAUDER....	<i>Oaklyn, N. J.</i>	Fircroft
Collingswood High School		
IRA RHOADES SAYLOR.....	<i>Pottstown</i>	C. D.
Pottstown High School		
ELIZABETH SCHERFEL.....	<i>Pottstown, R. D.</i>	Pottstown
North Coventry High School		
MARJORIE GENEVIEVE SHAFFER....	<i>Roaring Spring</i>	T. C.
Roaring Spring High School		
PAUL RICKERT SHELLY.....	<i>Pennsburg</i>	F. H.
Pennsburg High School		
MARGARET LEHMAN SHIVELY.....	<i>Philadelphia</i>	T. C.
Simon Gratz High School		
PEARCE AUGUSTUS SMITH.....	<i>Pottstown</i>	B. D.
Reading High School		
BENETTA WARREN SNIVELY.....	<i>Philadelphia</i>	G.
West Philadelphia High School		
BERNICE ELIZABETH STOVER.....	<i>Phoenixville</i>	Mp.
Phoenixville High School		
ORTHA ELOIS TAYLOR.....	<i>Codorus</i>	G.
Codorus Township High School		
IDA BLANCHE TROUT.....	<i>Palmyra, N. J.</i>	T. C.
Palmyra High School		
CHARLOTTE ROMAINE TYSON.....	<i>Red Lion</i>	Colledgeville
Red Lion High School		
RUTH MADELINE VERNA.....	<i>Norristown</i>	Norristown
Norristown High School		
ELIZABETH MARIE WARE.....	<i>Cape May, N. J.</i>	Mp.
Cape May High School		
DORIS LOUTH WILFONG.....	<i>Media</i>	Mp.
Marple-Newtown High School		
JESSIE FRANCES WILSON.....	<i>Reading</i>	Mp.
Wilson College		

JEAN PARKER WINGATE.....	<i>Paulsboro, N. J.</i>	Sh. H.
Paulsboro High School		
CHRISTINE DOLORES WINNIES.....	<i>Limerick</i>	Limerick
Peirce Business School		
KATHERINE LINDSAY WOOD.....	<i>Conshohocken</i>	Lynnewood
Conshohocken High School		
RICHARD ALLAN YAHRAES.....	<i>Easton</i>	F. H.
Easton High School		

THE MODERN LANGUAGES GROUP

SYLVIA LOUISE ACRI.....	<i>Marietta</i>	T. C.
Marietta High School		
LOIS BEULAH ALBERT.....	<i>Linfield</i>	Linfield
Pottstown High School		
LEILA GRACE AMOLE.....	<i>Pottstown</i>	Fircroft
Pottstown High School		
DOROTHY ELEANOR BARR.....	<i>Mahanoy City</i>	G.
Mahanoy City High School		
VIRGINIA CAROLINE BECK.....	<i>Littlestown</i>	Sh. H.
Blain Vocational High School		
ELEANOR BOTHELL.....	<i>Phoenixville</i>	Mp.
Phoenixville High School		
PEARL OLIVE BRESSLER.....	<i>Hamburg, R. D.</i>	Sh. H.
Hamburg High School		
HELEN LOUISE BUCK.....	<i>Chester</i>	Collegeville
Chester High School		
BESSIE BARTLETT COLLINS.....	<i>Norwood</i>	Fircroft
Glen-Nor High School		
ANNE MARIE COLSHER.....	<i>Glenside</i>	Mp.
Abington High School		
DORIS CELESTIA COSSEY.....	<i>Tottenville, S. I., N. Y.</i>	G.
Tottenville High School		
SILVIA MARY ERDMAN.....	<i>Quakertown</i>	T. C.
Quakertown High School		
ELIZABETH FLORENCE EVANS.....	<i>Norristown</i>	T. C.
Norristown High School		
VIRGINIA COLBURN FENTON.....	<i>Haddonfield, N. J.</i>	G.
Haddonfield High School		
WILMA KATHERINE FORSBERG.....	<i>Patton</i>	Evansburg
Patton High School		
ANNA DOROTHEA GRIMM.....	<i>Gettysburg</i>	T. C.
Gettysburg High School		
RUTH IRENE HAMMA.....	<i>Boonton, N. J.</i>	G.
Boonton High School		
IONE BEATRICE HAUSMANN.....	<i>Sunbury</i>	Fircroft
Sunbury High School		

VERA MILDRED HAY.....	<i>Wenonah, N. J.</i>	.....Mp.
Pitman High School		
PAULINE EDNA HEFFLEGER.....	<i>Tower City</i>	.....Mp.
Tower City High School		
EMMA PHIPPS KIRKPATRICK.....	<i>Conshohocken</i>	.....Mp.
Conshohocken High School		
ELIZABETH ANN KRUSEN.....	<i>Norristown</i>	.....T. C.
Norristown High School		
HANNAH ISABELLA LEISSE.....	<i>Pottsville</i>	.....Lynnewood
Pottsville High School		
RUTH MARGARETTA LEVINGOOD....	<i>Pottstown</i>	.....Fircroft
Pottstown High School		
CHARLES G. LINK.....	<i>Perkiomenville</i>	....Perkiomenville
Schwenksville High School		
JULIA ROUM MANN.....	<i>Norristown</i>	.....Norristown
Norristown High School		
ANNA MAE MARKLEY.....	<i>Pennsburg</i>	.....G.
Pennsburg High School		
ARTHUR FRANCIS MARTIN.....	<i>Elkins, W. Va.</i>	.....Collegeville
Elkins High School		
MARGARET YEAGLE MISSIMER.....	<i>Royersford</i>	.....Fircroft
Royersford High School		
CLAUDIA VICTORIA MOLLIER.....	<i>Trappe</i>	.....Trappe
Collegeville High School		
SARA HELENE MYERS.....	<i>Philadelphia</i>	.....Mp.
Roxborough High School		
DOROTHY FLORENCE PATTERSON....	<i>Detroit, Mich.</i>	.....T. C.
Central High School, Scranton, Pa.		
ALICE LOUISE PLUNKETT.....	<i>Minersville</i>	.....Fircroft
Minersville High School		
FLORENCE ANNA ROBERTS.....	<i>Chester</i>	.....Sh. H.
Chester High School		
FREDA ERNA SCHINDLER.....	<i>Spring City</i>	.....Mp.
Spring City High School		
HENRY OTTO SCHMIDT.....	<i>Pottstown</i>	.....Pottstown
Pottstown High School		
KATHERINE DOROTHEA SCHNABEL...	<i>Philadelphia</i>	.....Fircroft
Olney High School		
DORIS JEAN SNELLINGER.....	<i>York</i>	.....Sh. H.
William Penn Senior High School		
JEAN LOUISE ULSH.....	<i>Lancaster</i>	.....T. C.
Stevens High School		
NICHOLAS ARTHUR WABIN.....	<i>Pottstown</i>	.....Pottstown
Pottstown High School		
EVELYN IRENE WEBBER.....	<i>Rehrersburg</i>	.....G.
Maryland College for Women		

- DOROTHY AURAND WITMER.....*Trappe*Trappe
 Collegeville High School
- FLORA EASTMAN YOUNGKEN.....*Arlington, Mass.*Sh. H.
 Arlington High School

THE BUSINESS ADMINISTRATION GROUP

- GEORGE ARMER ARMSTRONG, JR....*Bloomfield, N. J.*D. H.
 Newton Academy
- JAMES ALFRED ARMSTRONG.....*Chester*C. D.
 Dillsburg High School
- VINCENT EARLE BAKER.....*Media*B. D.
 Media High School
- JANET VIRGINIA BARDSLEY.....*Collingswood, N. J.*Fircroft
 Collingswood High School
- CAROLYN RUTH BATEMAN.....*Port Norris, N. J.*Lynnewood
 Port Norris High School
- WILLIAM MITCHELL FENIMORE.....*Eagleville*Eagleville
 Norristown High School
- WARREN IRVIN FUERMAN.....*Pottstown*Pottstown
 Pottstown High School
- THOMAS WILLIAM GARRETT.....*Orwigsburg*B. D.
 Orwigsburg High School
- FULLER HOOPER GRENAWALT.....*Wilkes-Barre*C. D.
 Wyoming Seminary
- HARRY SPENCER HALBERSTADT.....*Gladwyne*F. H.
 Lower Merion High School
- RODMAN BLAIR HUNTER.....*Spring City*C. D.
 The Hill School
- THOMAS LAVERE JOLL.....*South Fork*C. D.
 Franklin and Marshall Academy
- EDWARD JOHN KNUDSEN.....*Mantua, N. J.*D. H.
 Woodbury High School
- GLEN FOREST KOCHER.....*Pottstown*Pottstown
 Pottstown High School
- PAUL WESLEY LAUER.....*Red Lion*D. H.
 Red Lion High School
- KENNETH ELSNER LECRONE.....*York*F. H.
 William Penn Senior High School
- RUBIN LEVIN.....*Philadelphia*D. H.
 Simon Gratz High School
- BENJAMIN HOFFMAN LONGAKER...*Pottstown*C. D.
 Pottstown High School
- HARRY FARLEY MARSHALL, JR.....*Trenton, N. J.*B. D.
 Central High School
- EMMA KATHERINE MARTIN.....*Philadelphia*G.
 Roxborough High School

DONALD FLINT MOWREY.....	<i>Spring City</i>	C. D.
Spring City High School		
ROBERT ALEXANDER MURRAY.....	<i>Parkerford</i>	C. D.
Spring City High School		
RICHARD BOORSE PEIRCE.....	<i>Fort Washington</i> ..	Fort Washington
Cheltenham High School		
GEORGE RUDOLPH PETERSEN.....	<i>Philadelphia</i>	S. H.
Simon Gratz High School		
WILLIAM HENRY POLE, 3RD.....	<i>Collingswood, N. J.</i>	C. D.
Collingswood High School		
THOMAS ROWLAND PRICE	<i>Palmyra, N. J.</i>	C. D.
Palmyra High School		
JOHN FREDERICK PROUT.....	<i>Pottstown, R. D.</i>	Pottstown
Pottstown High School		
WILLIAM HARVEY QUAY.....	<i>Kingston</i>	C. D.
Wyoming Seminary		
RUTH JANE ROTH.....	<i>Reading</i>	Mp.
Reading High School		
JAMES SAMUEL RUSSO.....	<i>Toms River, N. J.</i>	B. D.
Toms River High School		
SIDNEY SACKS	<i>Cedars</i>	Cedars
Norristown High School		
ELLEN BEAVER SCHLAYBACH.....	<i>Laureldale</i>	Mp.
Reading High School		
JOSEPH SLOBODZIAN	<i>Phoenixville</i>	Phoenixville
University of Pennsylvania		
CHARLES COLTON SMITH.....	<i>Hartford, Conn.</i>	B. D.
Hartford High School		
JAMES MARVIN SMITH, JR.....	<i>Miami, Florida</i>	S. H.
Miami High School		
FRANK BRADFORD STONE	<i>Bloomfield, N. J.</i>	B. D.
Juniata College		
JOHN A. TAYLOR, JR.....	<i>Collingswood, N. J.</i>	C. D.
Collingswood High School		
DOROTHY MAE THOMAS.....	<i>Clark's Summit</i>	T. C.
Scranton-Lackawanna College		
LILLIAN FRANCES WHITAKER.....	<i>Scranton</i>	G.
Scranton-Lackawanna College		
JOHN CLAYTON WORSTER.....	<i>Meadowbrook</i>	D. H.
Abington High School		
JEAN COLE WRIGHT.....	<i>Skippack</i>	Skippack
Collegeville High School		
CHARLES KING WYNKOOP.....	<i>Palmyra, N. J.</i>	F. H.
Palmyra High School		

THE PHYSICAL EDUCATION GROUP

HERBERT ELGIN ALTHOUSE.....	<i>Philadelphia</i>	C. D.
University of Alabama		
LEONARD DANIEL BALSIS.....	<i>St. Clair</i>	C. D.
St. Clair High School		
LILLIAN MARSDON BARNETT.....	<i>Philadelphia</i>	Sh. H.
Philadelphia High School for Girls		
DOROTHY ELLEN BARRY.....	<i>Richland</i>	Sh. H.
Myerstown High School		
NEISON DONALD BASSLER.....	<i>Tamaqua</i>	B. D.
Tamaqua High School		
JOHN CAVENDER BATES.....	<i>Philadelphia</i>	B. D.
University of Pennsylvania		
WINFRED HUNSBERGER BEAN.....	<i>Creamery</i>	Creamery
Collegeville High School		
WALTER FRANKLIN BEDDOW, JR....	<i>Palmyra, N. J.</i>	B. D.
Palmyra High School		
MARY BARBARA BISHOP.....	<i>Chestnut Hill</i>	G.
Germantown High School		
JOHN JUSTUS BODLEY.....	<i>Doylestown</i>	B. D.
Doylestown High School		
EUGENE JOSEPH BRADFORD.....	<i>Collingswood, N. J.</i>	D. H.
Collingswood High School		
CLIFFORD DONALDSON CALVERT, JR..	<i>Philadelphia</i>	S. H.
Overbrook High School		
JOHN EDWARD DAVISON.....	<i>Roslyn</i>	S. H.
Abington High School		
ROBERT FORD EMERY.....	<i>Philadelphia</i>	Philadelphia
Strayer's Business College		
CARL ADOLPH ERNST.....	<i>Philadelphia</i>	C. D.
University of Alabama		
RUSSELL SAGE FISHER.....	<i>Sellersville</i>	B. D.
Sellersville High School		
VERLING HARRY GINGRICH.....	<i>Fredericksburg</i>	B. D.
Fredericksburg High School		
MILDRED DETWILER GODSHALL.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
JOHN G. GRIMM.....	<i>New Brighton</i>	D. H.
New Brighton High School		
CHARLES EUGENE HALM.....	<i>Yonkers, N. Y.</i>	C. D.
Roosevelt High School		
CALVIN DARLINGTON HARP.....	<i>Pottstown</i>	Pottstown
Allentown Preparatory School		
LINFORD SHELTON HUNTER.....	<i>Spring City</i>	F. H.
Spring City High School		

ANDREW JOHN JAKOMAS.....	<i>McKeesport</i>	.....	B. D.
McKeesport High School			
JOHN CHARLES JENSEN, JR.....	<i>Hatboro</i>	.....	B. D.
Upper Moreland High School			
RUTH ELIZABETH LECRON.....	<i>Drexel Hill</i>	.....	G.
Upper Darby High School			
JOSEPH JACOB LIPKA.....	<i>Philadelphia</i>	.....	C. D.
Simon Gratz High School			
EDNA WOLFGANG MEYERS.....	<i>Schwenksville</i>	.....	Schwenksville
Schwenksville High School			
MEREDITH EVEN NEIMAN.....	<i>York</i>	.....	Collegeville
William Penn Senior High School			
LEO WILLIAM PADDEN.....	<i>Kingston</i>	.....	B. D.
Kingston High School			
FRANK SHINEHOUSE REIFF.....	<i>West Lawn</i>	.....	F. H.
Wilson High School			
FRANK LACHMAN RINEHART.....	<i>Bridgeport</i>	.....	D. H.
Lower Merion High School			
DORIS ROACH.....	<i>Haddon Heights, N. J.</i>	.....	Sh. H.
Haddon Heights High School			
RUTH ROTHENBERGER.....	<i>Pennsburg</i>	.....	Pennsburg
Pennsburg High School			
CHARLES JOSEPH SCHAFFER.....	<i>Philadelphia</i>	.....	S. H.
Germantown High School			
JOSEPH VINCENT SHOLL.....	<i>McKees Rocks</i>	.....	B. D.
Stowe High School			
CLYDE LEON TRUMBORE.....	<i>Souderton</i>	.....	S. H.
Souderton High School			
NELLIE LAUER WRIGHT.....	<i>Phillipsburg, N. J.</i>	.....	Fircroft
Phillipsburg High School			
ALBERT DOMINIC ZEHER.....	<i>Pittsburgh</i>	.....	B. D.
Central Catholic High School			

STUDENTS IN MUSIC

Pursuing College Courses in Music:

MARY HELEN ALSPACH.....	<i>Lancaster</i>	.....	T. C.
HERBERT ELGIN ALTHOUSE.....	<i>Philadelphia</i>	.....	C. D.
LEONARD DANIEL BALSIS.....	<i>St. Clair</i>	.....	C. D.
DOROTHY ELLEN BARRY.....	<i>Richland</i>	.....	Sh. H.
WINFRED HUNSBERGER BEAN.....	<i>Creamery</i>	.....	Creamery
WALTER FRANKLIN BEDDOW, JR.....	<i>Palmyra, N. J.</i>	.....	B. D.
KENNETH WELLS BENJAMIN.....	<i>Philadelphia</i>	.....	B. D.
GORDON JACOB BILLGER.....	<i>Philadelphia</i>	.....	S. H.
MARY BARBARA BISHOP.....	<i>Chestnut Hill</i>	.....	G.

JOHN JUSTUS BODLEY.....	<i>Doylestown</i>	B. D.
HARRY FINDLEY BRIAN.....	<i>Lancaster</i>	D. H.
ELI BROIDY.....	<i>Vineland, N. J.</i>	F. H.
MILDRED ELIZABETH CAIN.....	<i>Collingswood, N. J.</i>	Fircroft
HELEN GERTRUDE CALDWELL.....	<i>Philadelphia</i>	Mp.
DANIEL CHESTNUT, JR.....	<i>Philadelphia</i>	C. D.
JOHN WILLIAM DEWIRE, JR.....	<i>Milton</i>	F. H.
EDWARD SAMUEL ELLIS.....	<i>Bangor</i>	S. H.
ROBERT FORD EMERY.....	<i>Philadelphia</i>	Philadelphia
CARL ADOLPH ERNST.....	<i>Philadelphia</i>	C. D.
MILDRED GETTINGER FOX.....	<i>Morea</i>	T. C.
VERLING HARRY GINGRICH.....	<i>Fredericksburg</i>	B. D.
ANNA DOROTHEA GRIMM.....	<i>Gettysburg</i>	T. C.
MILDRED EVA GRING.....	<i>Reading</i>	T. C.
MARY ELIZABETH GROUNDS.....	<i>Roaring Spring</i>	G.
CHARLES EUGENE HALM.....	<i>Yonkers, N. Y.</i>	C. D.
CALVIN DARLINGTON HARP.....	<i>Pottstown</i>	Pottstown
JOSIAH HARRIS.....	<i>New York City</i>	C. D.
PAULINE EDNA HEFFLEGER.....	<i>Tower City</i>	Mp.
LINFORD SHELTON HUNTER.....	<i>Spring City</i>	F. H.
JOHN CHARLES JENSEN, JR.....	<i>Hatboro</i>	B. D.
BERNETTA WILKINSON JONES.....	<i>Norristown</i>	Norristown
SARAH LEEDS JONES.....	<i>Norristown</i>	Lynnewood
WALTER BUTLER KELLY.....	<i>Philadelphia</i>	C. D.
HENRY HAROLD KRIGER.....	<i>Norristown</i>	Norristown
LOUIS ARTHUR KRUG.....	<i>Philadelphia</i>	C. D.
HARVEY LEROY LANDIS.....	<i>Royersford</i>	Royersford
HELEN ROADS LAUBENSTEIN.....	<i>Ashland</i>	Mp.
HENRY PRATHER ALLEN LAUGHLIN.....	<i>Hagerstown, Md.</i>	Collegeville
ALEXANDER MILLER LEIDY.....	<i>Manheim</i>	C. D.
WILLIAM WALTER LEMAN.....	<i>Philadelphia</i>	C. D.
RUTH MARGARETTA LEVENGOOD.....	<i>Pottstown</i>	Fircroft
JOSEPH JACOB LIPKA.....	<i>Philadelphia</i>	C. D.
HARRY FARLEY MARSHALL, JR.....	<i>Trenton, N. J.</i>	B. D.
EDNA WOLFGANG MEYERS.....	<i>Schwenksville</i>	Schwenksville
CLAUDIA VICTORIA MOLLIER.....	<i>Trappe</i>	Trappe
FRANK STAUFFER MOWERE.....	<i>Phoenixville, R. D.</i>	Phoenixville
LEO WILLIAM PADDEN.....	<i>Kingston</i>	B. D.
JOHN DANIEL PEIFER.....	<i>Bloomsburg</i>	B. D.
FRANK SHINEHOUSE REIFF.....	<i>West Lawn</i>	F. H.
RUDOLPH RISK.....	<i>Freehold, R. D., N. J.</i>	B. D.
HENRY A. WOODROW SCHAEFFER.....	<i>Tamaqua</i>	D. H.

FREDA ERNA SCHINDLER.....	<i>Spring City</i>	Mp.
HUGH RAYMOND SCHMIDT.....	<i>Schwenksville</i>	Schwenksville
MABEL VIRGINIA SHELLEY.....	<i>Lancaster</i>	Sh. H.
JOSEPH VINCENT SHOLL.....	<i>McKees Rocks</i>	B. D.
PEARCE AUGUSTUS SMITH.....	<i>Pottstown</i>	B. D.
SARAH JANE STEPHEN.....	<i>Reading</i>	Mp.
MARK REBER STOUT.....	<i>Leesport</i>	B. D.
CLYDE FRANKLIN STRAUB.....	<i>Ashland</i>	B. D.
DOROTHY MAE THOMAS.....	<i>Clark's Summit</i>	T. C.
IDA BLANCHE TROUT.....	<i>Palmyra, N. J.</i>	T. C.
ANGELO JOSEPH VACCARO.....	<i>Steubenville, Ohio</i>	B. D.
EVELYN IRENE WEBBER.....	<i>Rehrersburg</i>	G.
DOROTHEA SENER WIEAND.....	<i>Lancaster</i>	T. C.
JESSIE FRANCES WILSON	<i>Reading</i>	Mp.
WILLIAM KIRK WYATT, JR.....	<i>Lansdale</i>	Lansdale
ALBERT DOMINIC ZEHER.....	<i>Pittsburgh</i>	B. D.

Receiving Private Instruction:

ELI BROIDY	<i>Vineland, N. J.</i>	F. H.
EDWIN HERBERT FREY.....	<i>Philadelphia</i>	C. D.
ANNA DOROTHEA GRIMM.....	<i>Gettysburg</i>	T. C.
MARY ELIZABETH GROUNDS.....	<i>Roaring Spring</i>	G.
MRS. ESTHER HOYER.....	<i>Trappe</i>	Trappe
HARVEY LEROY LANDIS.....	<i>Royersford</i>	Royersford
RUTH MARGARETTA LEVENGOOD.....	<i>Pottstown</i>	Firecroft
HOWARD ALLEN MICHENER.....	<i>Bridgeport</i>	Bridgeport
CLAUDIA VICTORIA MOLLIER.....	<i>Trappe</i>	Trappe
FRANK STAUFFER MOWERE.....	<i>Phoenixville, R. D.</i> ..	Phoenixville
BENJAMIN LEO PERZIN.....	<i>Philadelphia</i>	B. D.
KATHRYN PRIZER.....	<i>Pottstown, R. D.</i>	Pottstown
KATHRYN SCHULTZ.....	<i>Skipack</i>	Skipack

DIRECTORY OF STUDENTS

The italic letters set opposite the name indicate the group or department to which the student belongs: *M.*, Mathematics group; *C-B.*, Chemistry-Biology group; *H-S.*, History-Social Science group; *E.*, English group; *M-L.*, Modern Languages group; *B. A.*, Business Administration group; *P. E.*, Physical Education group.

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.

FOURTH YEAR

Acri, S. L., <i>M-L</i>	A	Hausmann, I. B., <i>M-L</i>	A
Amole, L. G., <i>M-L</i>	A	Heiges, J. G., <i>H-S</i>	A
Anders, W. D., <i>C-B</i>	S	Hepner, T. G., <i>H-S</i>	S
Bardsley, J. V., <i>B. A.</i>	A	Hess, D. R., <i>C-B</i>	S
Barnett, L. M., <i>P. E.</i>	S	Hoover, E. M., <i>E</i>	S
Barr, D. E., <i>M-L</i>	A	Horne, D. E., <i>M</i>	A
Bartholomew, G. J., <i>H-S</i>	A	Hunter, R. B., <i>B. A.</i>	S
Blasberg, H. M., <i>H-S</i>	S	Johnson, R., Jr., <i>M</i>	S
Brendle, H. G., <i>E</i>	A	Johnston, C., Jr., <i>E</i>	S
Brian, H. F., <i>H-S</i>	S	Kern, M. E., <i>E</i>	A
Burrowes, R., <i>E</i>	S	Knudsen, E. J., <i>B. A.</i>	S
Carr, R. L., <i>H-S</i>	S	Kravitz, A., <i>M</i>	S
Cooke, F. V., <i>C-B</i>	S	Kreider, L. R., <i>H-S</i>	S
Cooper, H. A., <i>H-S</i>	S	Kurtz, C. R., <i>C-B</i>	S
Covert, E. W., <i>C-B</i>	S	Kutra, P. G., <i>C-B</i>	S
Dedrick, P. E., <i>C-B</i>	S	Leidy, A. M., <i>M</i>	S
Ellis, E. S., <i>C-B</i>	S	Levengood, P. W., <i>E</i>	S
Evans, W. H., <i>C-B</i>	S	Levengood, R. M., <i>M-L</i>	A
File, M. A., <i>M</i>	S	Levin, S. C., <i>M</i>	S
Fisher, R. S., <i>P. E.</i>	S	Link, C. G., <i>M-L</i>	A
Fox, M. G., <i>E</i>	A	Little, D. F., Jr., <i>H-S</i>	S
Francis, B. I., <i>C-B</i>	S	Lyle, E., <i>H-S</i>	A
Frantz, R. R., <i>C. B.</i>	S	Mowrey, D. F., <i>B. A.</i>	S
Funk, M. B., <i>M</i>	S	Mueller, F. W., Jr., <i>H-S</i>	S
Geller, B., <i>C-B</i>	S	Myers, S. H., <i>M-L</i>	S
George, C. W., <i>M</i>	S	Newsome, H. E., <i>H-S</i>	S
Gibbel, R. B., <i>H-S</i>	S	O'Brien, D. P., <i>E</i>	S
Gill, C. H., <i>M</i>	S	Patterson, D. F., <i>M-L</i>	A
Givant, G., <i>H-S</i>	A	Paxson, M., <i>C-B</i>	S
Goldberg, L., <i>C-B</i>	S	Pole, W. H., 3rd, <i>B. A.</i>	S
Grimm, A. D., <i>M-L</i>	A	Price, T. R., <i>B. A.</i>	S
Hamma, R. I., <i>M-L</i>	A	Price, W. S., <i>C-B</i>	S
Harvey, C. E., <i>M</i>	S	Renneberg, R. E., <i>M</i>	S
		Richard, A. M., <i>H-S</i>	S

Roeder, C. V., <i>M</i>	S	Davison, J. E., <i>P. E</i>	S
Saylor, I. R., <i>E</i>	S	Deen, R. R., <i>C-B</i>	S
Schiele, F. B., <i>H-S</i>	S	Ehly, C. F., <i>E</i>	A
Schindler, F. E., <i>M-L</i>	A	Epprecht, G. K., <i>M</i>	S
Schnabel, J., Jr., <i>H-S</i>	S	Evans, D. G., <i>M</i>	S
Shafto, E. A., <i>C-B</i>	S	Evans, E. F., <i>M-L</i>	A
Shear, L. V., <i>H-S</i>	S	Fissel, G. E., <i>C-B</i>	S
Shindel, D. L., <i>C-B</i>	S	Freas, O. C., Jr., <i>C-B</i>	S
Shively, M. L., <i>E</i>	S	Freece, C. A., <i>M</i>	S
Sipe, T. O., <i>H-S</i>	S	Frey, E. H., <i>H-S</i>	A
Smith, P. A., <i>E</i>	S	Ganser, L. E., <i>M</i>	S
Stapp, H. L., <i>C-B</i>	S	Garrett, T. W., <i>B. A</i>	S
Stephen, S. J., <i>H-S</i>	S	Garrett, V. E., <i>E</i>	A
Stewart, A. R., <i>C-B</i>	S	Gaumer, A. R., <i>H-S</i>	S
Stewart, R. C., <i>H-S</i>	S	Gensler, H. B., <i>H-S</i>	S
Stoudt, G. P., <i>H-S</i>	S	Glassmoyer, T. P., <i>H-S</i>	A
Stratton, H. E., <i>H-S</i>	S	Godshall, M. D., <i>P. E</i>	S
Straub, C. F., <i>H-S</i>	S	Grenawalt, F. H., <i>B. A</i>	S
Tempest, W. H., <i>H-S</i>	A	Grimm, J. G., <i>P. E</i>	S
Thomas, D. M., <i>B. A</i>	S	Gring, M. E., <i>H-S</i>	A
Turner, R. N., <i>H-S</i>	S	Hannaway, W. G., <i>H-S</i>	S
Wilfong, D. L., <i>E</i>	S	Harbaugh, E. K., <i>H-S</i>	A
Wire, W. H., <i>C-B</i>	S	Heffleger, P. E., <i>M-L</i>	A
Witman, H. L., <i>H-S</i>	S	Hillier, J. L., <i>C-B</i>	S

THIRD YEAR

Alspach, M. H., <i>H-S</i>	A	Johnson, N. A., <i>M</i>	S
Baker, A. M., <i>H-S</i>	S	Jones, H. E., <i>H-S</i>	S
Bassman, H., <i>H-S</i>	S	Keyser, S. H., <i>H-S</i>	A
Beddow, T. J., Jr., <i>H-S</i>	A	Kinkade, L. P., <i>C-B</i>	S
Benjamin, K. W., <i>C-B</i>	S	Kirkpatrick, E. P., <i>M-L</i>	S
Beyer, H. A., <i>M</i>	S	Kocher, D. H., <i>C-B</i>	S
Bown, W. C., <i>C-B</i>	S	Krause, J., <i>C-B</i>	S
Boysen, T. H., Jr., <i>C-B</i>	S	Krebs, R. L., <i>H-S</i>	S
Bradford, E. J., <i>P. E</i>	S	Krusen, E. A., <i>M-L</i>	S
Brandaur, R. L., <i>C-B</i>	S	Kwecinski, H. M., <i>H-S</i>	S
Brown, J. H., Jr., <i>H-S</i>	S	Landis, E. M., <i>H-S</i>	A
Caldwell, H. G., <i>H-S</i>	A	Landis, H. L., <i>H-S</i>	S
Calvert, C. D., Jr., <i>P. E</i>	S	Laubenstein, H. R., <i>C-B</i>	S
Carvell, G. B., <i>H-S</i>	S	Leebron, W. M., <i>C-B</i>	S
Clawson, A. R., <i>C-B</i>	S	Levin, R., <i>B. A</i>	S
Cubberley, C. L., <i>C-B</i>	S	Ludwig, A. E., <i>M</i>	S

McAvoy, R. C., *H-S*.....S
 McBride, S. E., *E*.....A
 McLaughlin, R. F., *M*.....A
 Mackley, R. E., *M*.....S
 Matthews, G. R., *C-B*.....S
 Meinhardt, S. W., *M*.....A
 Mowere, F. S., *M*.....S
 Neiman, M. E., *P. E*.....S
 O'Dell, D. V., *H-S*.....S
 Ohl, D. G., *M*.....S
 Peirce, R. B., *B. A*.....S
 Peterman, M. M., *E*.....S
 Pugh, N. C., *H-S*.....S
 Rappoport, I., *E*.....A
 Reber, L. R. R., *E*.....A
 Reese, J. E., *C-B*.....S
 Rinehart, F. L., *P. E*.....S
 Roach, D., *P. E*.....S
 Robbins, W. W., *M*.....S
 Romberger, R. S., *E*.....S
 Rothenberger, R., *P. E*.....S
 Sacks, S., *B. A*.....S
 Santoro, C., *H-S*.....S
 Schaeffer, E. R., *C-B*.....S
 Schaeffer, H. A. W., *H-S*.....S
 Schaffer, C. J., *P. E*.....S
 Schmitt, E. W. J., *H-S*.....S
 Shelley, M. V., *H-S*.....S
 Shelly, P. R., *E*.....A
 Shibe, W. J., Jr., *C-B*.....S
 Smith, C. C., *B. A*.....S
 Smith, T. V., *H-S*.....A
 Solly, W. H., Jr., *H-S*.....S
 Spangler, G. W., *C-B*.....S
 Stoudt, M. R., *H-S*.....S
 Taylor, J. A., Jr., *B. A*.....S
 Trumbore, C. L., *P. E*.....S
 Washko, P. J., *C-B*.....S
 Webber, E. I., *M-L*.....S
 Weidner, L. M., Jr., *H-S*.....S
 Wieand, D. S., *H-S*.....S
 Williams, P. E., *C-B*.....S

Wilson, J. F., *E*.....A
 Wynne, A. F., *H-S*.....S
 Yeager, E. E., *C-B*.....S
 Zerbe, R. B., *C-B*.....S

SECOND YEAR

Albright, F. L., *M*.....S
 Althouse, H. E., *P. E*.....S
 Armstrong, G. A., Jr., *B. A*.....S
 Bachman, R. H., *E*.....S
 Barlow, M. M., *E*.....S
 Bassler, N. D., *P. E*.....S
 Bauer, F. B., *E*.....S
 Black, M. K., *E*.....A
 Bonkoski, V. J., *H-S*.....S
 Bothell, E., *M-L*.....S
 Bowe, F. E., *C-B*.....S
 Boyer, W. T., *C-B*.....S
 Brandt, M. B., *H-S*.....S
 Bressler, P. O., *M-L*.....A
 Burns, T. A., *H-S*.....S
 Cain, M. E., *E*.....A
 Chestnut, D., Jr., *H-S*.....S
 Christy, J. R., Jr., *C-B*.....S
 Concello, J. A., *C-B*.....S
 Cossey, D. C., *M-L*.....S
 Costello, R. A., *H-S*.....S
 Cramer, W. S., *M*.....S
 Davis, E. A., *H-S*.....S
 Dresch, C. J., *H-S*.....S
 Dunn, R., *M*.....S
 Edwards, C. H., *C-B*.....S
 Eisenberg, F. E., *C-B*.....S
 Ennis, S. J., *E*.....A
 Epprecht, W. J., Jr., *C-B*.....S
 Erdman, S. M., *M-L*.....S
 Fenimore, W. M., *B. A*.....S
 Fenstermacher, H. F., *E*.....A
 Fenton, V. C., *M-L*.....S
 Foxman, L., *H-S*.....S
 Frager, M., *C-B*.....S
 French, L. B., *H-S*.....A

Garber, P., <i>H-S</i>.....S	Scherfel, E., <i>E</i>.....S
Gaumer, E. S., <i>H-S</i>.....S	Schmidt, H. O., <i>M-L</i>.....A
Geary, E. W., <i>H-S</i>.....S	Seitz, R. H., <i>C-B</i>.....S
Goldberg, H. A., <i>C-B</i>.....S	Sencenbach, C. F., <i>M</i>.....S
Griffiths, H., <i>C-B</i>.....S	Shelley, E. E., <i>H-S</i>.....S
Grove, W. J., <i>H-S</i>.....S	Slobodzian, J., <i>B. A</i>.....S
Halberstadt, H. S., <i>B. A</i>.....S	Smith, H. L., <i>H-S</i>.....S
Heiges, H. K., <i>C-B</i>.....S	Smith, J. M., Jr., <i>B. A</i>.....S
Jakomas, A. J., <i>P. E</i>.....S	Snellinger, D. J., <i>M-L</i>.....A
Jensen, V. E., <i>C-B</i>.....S	Stauffer, D. L., <i>H-S</i>.....S
Jones, R. C., Jr., <i>C-B</i>.....S	Stone, F. B., <i>B. A</i>.....S
Kelly, W. B., <i>E</i>.....S	Sutton, A., <i>C-B</i>.....S
Kochel, G. F., <i>B. A</i>.....S	Taylor, O. E., <i>E</i>.....A
Krug, L. A., <i>H-S</i>.....S	Throne, J. S., <i>H-S</i>.....S
Lamore, G. H., <i>H-S</i>.....S	Trout, I. B., <i>E</i>.....A
Lauer, P. W., <i>B. A</i>.....S	Tworzydlo, F. R., <i>H-S</i>.....S
LeCron, R. E., <i>P. E</i>.....S	Tyson, C. R., <i>E</i>.....A
Leman, W. W., <i>C-B</i>.....S	Ulsh, J. L., <i>M-L</i>.....A
Lipkin, A. E., <i>H-S</i>.....A	Verna, R. M., <i>E</i>.....A
Lucia, L. T., <i>H-S</i>.....S	Warner, S. C., <i>C-B</i>.....A
MacNair, W. F., <i>M</i>.....S	Watson, P. M., <i>M</i>.....S
McDevitt, M. E., <i>E</i>.....A	Wildonger, K. T., <i>H-S</i>.....S
Maloney, J. L., <i>C-B</i>.....S	Witmer, D. A., <i>M-L</i>.....A
Marshall, H. F., Jr., <i>B. A</i>.....S	Wood, K. L., <i>E</i>.....S
Michener, H. A., <i>H-S</i>.....S	Worster, J. C., <i>B. A</i>.....S
Miller, F. L., <i>C-B</i>.....S	Wright, N. L., <i>P. E</i>.....S
Miller, R. E., <i>C-B</i>.....S	Wynkoop, C. K., <i>B. A</i>.....S
Mollier, C. V., <i>M-L</i>.....A	Young, A. B., <i>M</i>.....S
Mullin, C. E., <i>H-S</i>.....A	Youngken, F. E., <i>M-L</i>.....S
Murray, R. A., <i>B. A</i>.....S	
Olp, M. L., <i>M</i>.....S	
Pancoast, G. S., <i>H-S</i>.....S	
Pearlstine, B., <i>C-B</i>.....S	
Petersen, G. R., <i>B. A</i>.....S	
Prout, J. F., <i>B. A</i>.....S	
Quay, W. H., <i>B. A</i>.....S	
Rahn, A. W., <i>H-S</i>.....S	
Reynolds, F. E., <i>E</i>.....S	
Roberts, F. L., <i>H-S</i>.....A	
Rudolph, J., <i>C-B</i>.....S	
Santo, E., <i>E</i>.....S	
Santoro, G. J., <i>H-S</i>.....S	
Sauder, C. E., <i>E</i>.....A	
	FIRST YEAR
	Albert, L. B., <i>M-L</i>.....A
	Armstrong, J. A., Jr., <i>B. A</i>.....A
	Baird, J. H., <i>M</i>.....S
	Baker, V. E., <i>B. A</i>.....A
	Ballinger, E. E., <i>H-S</i>.....A
	Balsis, L. D., <i>P. E</i>.....S
	Barry, D. E., <i>P. E</i>.....S
	Basow, U., <i>E</i>.....A
	Batdorf, M. L., <i>C-B</i>.....S
	Bateman, C. R., <i>B. A</i>.....A
	Bates, J. C., <i>P. E</i>.....S

Bean, W. H., <i>P. E.</i>.....S	Grounds, M. E., <i>E.</i>.....A
Bear, R. S., <i>H-S.</i>.....A	Guest, P. I., <i>H-S.</i>.....A
Beck, V. C., <i>M-L.</i>.....A	Halm, C. E., <i>P. E.</i>.....S
Beddow, W. F., Jr., <i>P. E.</i>.....S	Harley, R. E., <i>H-S.</i>.....A
Benner, D. O., <i>E.</i>.....A	Harman, N. L., <i>C-B.</i>.....S
Benscoter, E. A., <i>H-S.</i>.....A	Harp, C. D., <i>P. E.</i>.....S
Besson, R., <i>H-S.</i>.....A	Harris, J., <i>H-S.</i>.....A
Bielic, P. P., <i>C-B.</i>.....S	Hay, V. M., <i>M-L.</i>.....A
Billett, M. B., <i>H-S.</i>.....A	Hayashi, T., <i>C-B.</i>.....S
Billger, G. J., <i>H-S.</i>.....A	Hoffman, W. L., <i>H-S.</i>.....A
Bishop, M. B., <i>P. E.</i>.....S	Hunter, L. S., <i>P. E.</i>.....S
Bodley, J. J., <i>P. E.</i>.....S	Hunter, W. P., <i>C-B.</i>.....S
Bower, P. G., <i>C-B.</i>.....S	Irwin, W., <i>H-S.</i>.....A
Boyer, M. R., <i>E.</i>.....A	James, R. I., <i>C-B.</i>.....S
Brandt, M. E., <i>E.</i>.....A	Jensen, J. C., Jr., <i>P. E.</i>.....S
Broidy, E., <i>H-S.</i>.....A	Joll, T. L., <i>B. A.</i>.....A
Brosz, H. M., <i>H-S.</i>.....A	Jones, B. W., <i>E.</i>.....A
Brown, L. C., <i>C-B.</i>.....S	Jones, S. L., <i>E.</i>.....A
Buck, H. L., <i>M-L.</i>.....A	Keyser, T., <i>C-B.</i>.....S
Burchfield, W. L., Jr., <i>M.</i>.....S	Kindt, N. S., <i>H-S.</i>.....A
Chak, M., <i>C-B.</i>.....S	King, R. S., <i>C-B.</i>.....S
Clouse, K. L., <i>E.</i>.....A	Klein, E. M., <i>E.</i>.....A
Collins, B. B., <i>M-L.</i>.....A	Kline, F. E., <i>E.</i>.....A
Colsher, A. M., <i>M-L.</i>.....A	Knoll, J. M., Jr., <i>H-S.</i>.....A
Coyle, G. W., <i>C-B.</i>.....S	Kramer, R. E., <i>C-B.</i>.....S
Craigie, P. S., <i>E.</i>.....A	Krick, E. S., <i>C-B.</i>.....S
DeWire, J. W., Jr., <i>M.</i>S	Kruger, H. H., <i>H-S.</i>A
Ditzel, F. W., <i>H-S.</i>A	Kurtz, S. E., <i>C-B.</i>S
Eldridge, R. M., <i>E.</i>A	Landis, R. H., <i>C-B.</i>S
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Emmers, E., 3rd, <i>C-B.</i>S	Lecrone, K. E., <i>B. A.</i>A
Ernst, C. A., <i>P. E.</i>S	Lederer, M. E., <i>C-B.</i>S
Forsberg, W. K., <i>M-L.</i>A	Leiby, R. G., <i>E.</i>A
French, E. L., <i>C-B.</i>.....S	Leisse, H. I., <i>M-L.</i>.....A
Fuerman, W. I., <i>B. A.</i>.....A	Lewis, A., <i>C-B.</i>.....S
Gingrich, V. H., <i>P. E.</i>.....S	Lewis, D. A., <i>C-B.</i>.....S
Goldberg, G. F., <i>E.</i>.....A	Link, E. G., <i>E.</i>.....A
Goodman, B. L., <i>C-B.</i>.....S	Lipka, J. J., <i>P. E.</i>.....S
Gorham, J. T., <i>C-B.</i>.....S	Longaker, B. H., <i>B. A.</i>.....A
Gottschall, R. M., <i>M.</i>.....S	Mann, J. R., <i>M-L.</i>.....A
Groff, V. D., <i>H-S.</i>.....A	Markley, A. M., <i>M-L.</i>.....A
Grotte, S., <i>C-B.</i>.....S	Martin, A. F., <i>M-L.</i>.....A

Martin, E. K., <i>B. A.</i>	A	Schenck, W. A., Jr., <i>C-B.</i>	S
Meichsner, H. R., <i>C-B.</i>	S	Schlaybach, E. B., <i>B. A.</i>	A
Meisenhelder, R. B., Jr., <i>E.</i>	A	Schmidt, H. R., <i>C-B.</i>	S
Mertz, J. D., <i>H-S.</i>	A	Schnabel, K. D., <i>M-L.</i>	A
Meyers, E. W., <i>P. E.</i>	S	Shaffer, M. G., <i>E.</i>	A
Missimer, M. Y., <i>M-L.</i>	A	Sholl, J. V., <i>P. E.</i>	S
Montague, R. T., <i>C-B.</i>	S	Smith, C. E., Jr., <i>C-B.</i>	S
Moser, C. E., <i>C-B.</i>	S	Snively, B. W., <i>E.</i>	A
Moser, M. L., <i>E.</i>	A	Sommers, V. G., <i>H-S.</i>	A
Nachod, G. R., <i>C-B.</i>	S	Spence, M. P., <i>C-B.</i>	S
Neveggoll, C. E., <i>C-B.</i>	S	Sprague, L. E., <i>H-S.</i>	A
Neville, J. M., <i>H-S.</i>	A	Steward, R. E., <i>C-B.</i>	S
Padden, L. W., <i>P. E.</i>	S	Stover, B. E., <i>E.</i>	A
Palilonis, J., <i>C-B.</i>	S	Tomlinson, J. G., <i>H-S.</i>	A
Peifer, J. D., <i>M.</i>	S	Tornetta, F. J., <i>C-B.</i>	S
Perzin, B. L., <i>C-B.</i>	S	Vaccaro, A. J., <i>C-B.</i>	S
Plunkett, A. L., <i>M-L.</i>	A	Van Tries, T. A., <i>H-S.</i>	A
Poley, A. A., <i>E.</i>	A	Wabin, N. A., <i>M-L.</i>	A
Porambo, J. J., <i>M.</i>	S	Wallick, C. C., Jr., <i>H-S.</i>	A
Reed, L. S., <i>C-B.</i>	S	Walters, W. W., Jr., <i>C-B.</i>	S
Reese, L. F., <i>E.</i>	A	Ware, E. M., <i>E.</i>	A
Reiff, F. S., <i>P. E.</i>	S	Weikel, H. S., <i>M.</i>	S
Rhoads, C. B., <i>E.</i>	A	Whitaker, L. F., <i>B. A.</i>	A
Ridgway, W. G., <i>C-B.</i>	S	Wingate, J. P., <i>E.</i>	A
Risk, R., <i>H-S.</i>	A	Winnies, C. D., <i>E.</i>	A
Roberts, F. A., <i>M-L.</i>	A	Wolfe, H. G., <i>C-B.</i>	S
Roberts, S. L., <i>E.</i>	A	Wozniak, J., <i>C-B.</i>	S
Robinson, A. C., <i>H-S.</i>	A	Wright, J. C., <i>B. A.</i>	A
Rohrer, M. S., <i>H-S.</i>	A	Wyatt, C. B., <i>H-S.</i>	A
Ronan, R. B., <i>C-B.</i>	S	Wyatt, W. K., Jr., <i>C-B.</i>	S
Roth, R. J., <i>B. A.</i>	A	Yahraes, R. A., <i>E.</i>	A
Rowland, R. H., <i>M.</i>	S	Yale, C. L., <i>H-S.</i>	A
Russo, J. S., <i>B. A.</i>	A	Zeher, A. D., <i>P. E.</i>	S
Sandler, S. G., <i>C-B.</i>	S	Zoll, H. W., <i>C-B.</i>	S
Scandone, J., <i>C-B.</i>	S		

GENERAL SUMMARY, 1934-35

STUDENTS IN THE COLLEGE

The Mathematics Group	41
The Chemistry-Biology Group	116
The History-Social Science Group	119
The English Group	67
The Modern Languages Group	43
The Business Administration Group ..	42
The Physical Education Group	38
	— 466
Students in Music	73
	— 539
Deduct for Names Repeated	70
	—
Total	469

PRIZES, HONORS AND DEGREES

Awarded in 1933-1934

PRIZES

- THE PHILIP H. FOGEL MEMORIAL PRIZE—Rose-Marie Brubaker.
THE E. L. WAILES MEMORIAL PRIZE—Dorothy Aurand Witmer.
THE ROBERT TRUCKSESS PRIZE—Dwight Lewis Gregory, William Aloysius O'Donnell, Jr.
THE PAISLEY PRIZE FOR MEN—Norman William Shollenberger.
THE PAISLEY PRIZE FOR WOMEN—Margaret Elizabeth J. Jenkins.
THE ELIZABETH ROCKEFELLER MCCAIN PRIZE—Thomas Parvin Glassmoyer, Sarah Elizabeth McBride, Sarah Wilhelmina Meinhardt.
THE BOESHORE PRIZES—Harry Fister Fenstermacher, Edwin Herbert Fry.
THE DUTTERA PRIZE—Elmer William John Schmitt.
THE URSINUS WOMAN'S CLUB PRIZE—Marion Blew.
THE URSINUS CIRCLE PRIZE—Anna May Brooks, Virginia Althea Meyer.
THE VARSITY CLUB TROPHY—Class of 1936.
THE PRESIDENT'S AWARD—Walter Tropp.
OPEN SCHOLARSHIP AWARDS:
 Robert M. Gottschall
 Teru Hayashi
 Alexander Lewis
 H. Stanley Weikel

HONORS

DEPARTMENT HONORS

- CHEMISTRY—Sarah Lillian Kern.
ENGLISH—Ruth Nadine Jones.
FRENCH—Martha Miriam Moore, Mary Elizabeth Myers, Nellie Louree Remsburg, Evelyn Edna Virgin.
RELIGION—Rose-Marie Brubaker.
SPANISH—Esther Rosa Lightner.

GRADUATION HONORS

- VALEDICTORY—Nellie Louree Remsburg.
SALUTATORY—John Randolph Clark.

DEGREES

- DOCTOR OF LAWS (Honorary)—Francis Bowes Sayre, Henry Harbaugh Apple.
DOCTOR OF SCIENCE (Honorary)—Robert Ferguson Ridpath, Irene Frances Laub.
DOCTOR OF LETTERS (Honorary)—Felix Emanuel Schelling.
DOCTOR OF PEDAGOGY (Honorary)—Albert Oswald Michener, Harvey Rosen Vanderslice.

DOCTOR OF DIVINITY (Honorary)—William Leroy Mudge.

BACHELOR OF ARTS, *Magna Cum Laude*—Nellie Louree Remsburg.

BACHELOR OF ARTS, *Cum Laude*—Anna May Brooks, Sara Elva Brown, Rose-Marie Brubaker, Dorothy Louise Miller, Joyce Lucille Strickland.

BACHELOR OF SCIENCE, *Cum Laude*—Sarah Lillian Kern.

BACHELOR OF ARTS—Iola Edith Anderson, Edith Cressman, Keturah Rebecca Donalson, Robert Conrad Dresch, Jane Lee Evans, Marion Esther Gehman, Dwight Lewis Gregory, George Edward Herbert, Mary Elizabeth Hutchings, Margaret Elizabeth J. Jenkins, Ruth Nadine Jones, Helen Lewis, Esther Rosa Lightner, Sylvia I. H. Liverant, Miriam Elizabeth McFadden, Virginia Althea Meyer, Martha Miriam Moore, Mary Elizabeth Myers, Sarah Mary Ouderkirk, Sara Loie Pfahler, Frances Gladys Prince, Kathryn Miriam Prizer, Bessie Harvene Roeder, Ruth Marion Roth, John Firey Schnebly, Richard Edmund Shaffer, Norman William Shollenberger, Irene Elizabeth Takacs, Grace Eleanor Thomas, Evelyn Edna Virgin, Isobel Welker Wilt, Violet Margarette Wintersteen.

BACHELOR OF SCIENCE—Chester Harrison Albright, Jr., Robert Eugene Bennett, Charles Blasband, Marion Blew, Charlton Harry Bonham, Jr., Clarence Snell Boston, Miles Rhea Bower, Donald Gabriel Breisch, Leonard Humphreys Cadwell, Dale Carlberg, Allen Claghorn, John Randolph Clark, Naomi Mead Clark, Robert Hudson Cunningham, Jr., Charles Everett Danehower, Henry Samuel Detwiler, Helen Frances Eisenberg, Michael Joseph Farrell, George Washington Fiss, 3rd, Florence Mary Frosch, Marian Diantha Garrett, Louise Diehl Gruver, Marion Lisle Hageman, Richard Hires Henschel, Edwin Booser Hershey, Harold Emerson Houck, Howard John Johnson, Jr., Sara Elizabeth Kitchen, Henry Luke Kochenberger, Emily Jeanette Laber, George Malsberger Longaker, Jr., Hermine Louise Loos, Elizabeth Luther, Louis Wilcox Mitchell, Betty Martha Neast, William Aloysius O'Donnell, Jr., Lewis David Peters, Aurelia Dolores Quay, Clarence Richard Robson, James Mariano Russo, Joseph Russo, Harold Emil Seiple, Jacob Gamble Shade, Maurice Shuman, Elmo Bauer Sommers, William Donald Springer, David Robert Stephenson, Jr., Irving Edward Sutin, Martin Tolomeo, Walter Tropp, Stanley Claire Weidman, James Monroe Wharton, John Garobed Yergat, Jr.

BACHELOR OF SCIENCE (As of the Class of 1933)—Alvin Robert Paul, Donald Housenick Wasley.

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THE ALUMNI ASSOCIATION

Graduates of the College and all persons admitted to a degree higher than the first in the institution are eligible to active membership. Non-graduate former students may become associate members.

The Association is entitled to a representation of five members in the Board of Directors. These members are nominated by the Association and serve five years.

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Historian—REV. CARL G. PETRI, A.B., '00, Skippack, Pa.

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Vice-President—REV. A. M. BILLMAN, A.M., '12, Harrisburg, Pa.

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Treasurer—DONALD L. HELFFRICH, LL.B., '21, Philadelphia,

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Vice-President—MARGARET FRUTCHEY NACE, A.B., '23, East Mauch Chunk, Pa.
Secretary—ALICE E. BERGER, A.B., '25, 443 Lafayette St., Palmerton, Pa.
Treasurer—FLOYD E. HELLER, A.B., '07, Bethlehem, Pa.

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 REV. A. RANDALL ZENDT, B.D., '22, Jersey City, N. J.
Secretary-Treasurer—WILLARD S. ROSENBERGER, A.B., 30 Rockefeller Plaza, New York.

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Secretary—GLADYS M. BARNES, A.B., '30, Collegeville, Pa.
Treasurer—LOIS HOOK BROWNBACK, A.B., '20, Trappe, Pa.

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