



1939

## Ursinus College Catalogue, 1939-1940

Office of the Registrar  
*Ursinus College*

Follow this and additional works at: <https://digitalcommons.ursinus.edu/uccatalog>

 Part of the [Higher Education Commons](#), and the [United States History Commons](#)

**Click here to let us know how access to this document benefits you.**

---

### Recommended Citation

Registrar, Office of the, "Ursinus College Catalogue, 1939-1940" (1939). *Ursinus College Catalogues*. 71.  
<https://digitalcommons.ursinus.edu/uccatalog/71>

This Book is brought to you for free and open access by the Ursinusiana Collection at Digital Commons @ Ursinus College. It has been accepted for inclusion in Ursinus College Catalogues by an authorized administrator of Digital Commons @ Ursinus College. For more information, please contact [aprock@ursinus.edu](mailto:aprock@ursinus.edu).

Vol. XXXVIII, No. 1

First Quarter, 1940

THE  
URSINUS COLLEGE  
BULLETIN

CATALOGUE



1939-1940

Published by Ursinus College  
Collegeville, Pennsylvania

CATALOGUE  
OF  
URSINUS COLLEGE

1939-1940

"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

## CONTENTS

	PAGE
CALENDAR FOR 1940-1941 .....	5
HISTORICAL STATEMENT .....	6
GIFTS AND BEQUESTS .....	10
THE DIRECTORS .....	11
OFFICERS OF THE CORPORATION .....	13
OFFICERS OF ADMINISTRATION .....	14
THE FACULTY .....	15-20
ADMISSION .....	21-25
COURSES OF INSTRUCTION .....	26-61
THE GROUPS .....	62-72
ADMINISTRATION .....	73
HONORS, PRIZES, DEGREES .....	73-77
ORGANIZATIONS AND PUBLICATIONS .....	77-78
EXPENSES AND SCHOLARSHIPS .....	79-88
MEDICAL SERVICE .....	89
BUILDINGS AND EQUIPMENT .....	90-93
LISTS OF STUDENTS .....	94-129
HONORS, PRIZES, DEGREES AWARDED IN 1938-1939.....	130-132
ALUMNI ORGANIZATIONS .....	133-134
INDEX .....	135

# 1940

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

# 1941

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

## CALENDAR

1940

Jan. 2, Tuesday,	RECESS ends, 8 a.m.
Jan. 22, Monday,	First Semester Examinations begin.
Feb. 5, Monday,	SECOND SEMESTER begins, 8 a.m.
Feb. 15, Thursday,	Founders' Day.
Mar. 21, Thursday,	SPRING RECESS begins, 5 p.m.
Apr. 1, Monday,	RECESS ends, 8 a.m.
Apr. 19, Friday,	Last day for making room deposits.
May 13, Monday,	Last day for submitting honor papers.
May 18, Saturday,	Second Semester Examinations begin.
May 31, Friday,	Class Day Exercises, 2 p.m.
June 1, Saturday,	Annual Meeting of the Directors, 10 a.m.
June 1, Saturday,	Alumni Meeting, 2 p.m.
June 1, Saturday,	Alumni Banquet, 5.30 p.m.
June 2, Sunday,	Baccalaureate Service, 10.45 a.m.
June 3, Monday,	Commencement, 10 a.m.
Sept. 23, Monday,	Freshman Pre-matriculation Program begins.
Sept. 24, Tuesday,	Registration and Matriculation of Students.
Sept. 25, Wednesday,	Registration and Matriculation of Students.
Sept. 26, Thursday,	Instruction begins, 8 a.m.
Sept. 26, Thursday,	Opening Address, 9 a.m.
Oct. 4, Friday,	Last day to register.
Oct. 14, Monday,	Examinations for College standing.
Nov. 20, Wednesday,	THANKSGIVING RECESS begins, 5 p.m.
Nov. 25, Monday,	RECESS ends, 8 a.m.
Dec. 20, Friday,	CHRISTMAS RECESS begins, 5 p.m.

1941

Jan. 6, Monday,	RECESS ends, 8 a.m.
Jan. 20, Monday,	First Semester Examinations begin.
Feb. 3, Monday,	SECOND SEMESTER begins, 8 a.m.
Mar. 21, Friday,	SPRING RECESS begins, 5 p.m.
Mar. 31, Monday,	RECESS ends, 8 a.m.
June 6, Friday,	Commencement Exercises begin.
June 9, Monday,	Commencement Exercises end.
Sept. 30, Tuesday,	ACADEMIC YEAR begins.

## 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. 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 purpose 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 Secretary, 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, Collegeville. 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 Collegeville 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.

Collegeville is on the Benjamin Franklin Highway (Route 422) and is twelve miles distant from the Lincoln Highway. It is accessible by the Philadelphia and Reading Railway from Philadelphia, Allentown, or Reading. Motor coaches connecting Collegeville with Reading, Pottstown, Norristown, and Philadelphia pass the College campus. The College grounds cover eighty-nine acres, including an improved campus of twelve acres, tennis courts, and athletic fields.

### 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; residence halls for women, \$20,000 and upwards; endowment for the Science Building, \$200,000; an infirmary, \$25,000. The counsel of the President of the College should be sought with a view to obtaining the most advantageous cooperation 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.

When the donor wishes to retain the income of his estate during his lifetime, a very satisfactory arrangement is provided in Ursinus College Annuity Bonds, which the College issues in exchange for cash or property. Annuity Bonds guarantee to the donor a fixed income payable semi-annually during the period of his natural life, and upon his death 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
REV. TITUS A. ALSPACH, D.D., Lancaster,	1925	1940
CHARLES A. BEHNEY, M.D., Philadelphia,	1937	1942
HON. THOMAS E. BROOKS, LL.D., Red Lion,	1921	1941
WALTER R. DOUTHETT, A.M., Darby,	1936	1941
REV. I. CALVIN FISHER, D.D., Lebanon,	1905	1941
EDWIN M. FOGEL, PH.D., Fogelsville,	1930	1940
EDWARD S. FRETZ, LL.D., Collegeville,	1925	1940
FRANCIS J. GILDNER, ESQ., A.B., Allentown,	1924	1944
CHARLES B. HEINLY, PED.D., York,	1934	1944
DONALD L. HELFFERICH, ESQ., A.B., LL.B., Philadelphia,	1927	1942
ABRAHAM H. HENDRICKS, ESQ., B.S., LL.D., Collegeville,	1914	1944
REV. GEORGE W. HENSON, D.D., Philadelphia,	1911	1941
RHEA DURYEA JOHNSON, A.B., Philadelphia,	1928	1943
WHORTEN A. KLINE, LITT.D., Collegeville,	1912	1942
FRANCIS T. KRUSEN, M.D., Norristown,	1935	1940
IRENE F. LAUB, M.D., SC.D., Easton,	1938	1943
N. E. McCLURE, PH.D., LITT.D., LL.D., Collegeville,	1936	1941
*REV. J. W. MEMINGER, D.D., Lancaster,	1896	1941
RALPH E. MILLER, A.B., Collegeville,	1924	1943
REV. JAMES M. NIBLO, D.D., Norristown,	1936	1941
HARRY E. PAISLEY, LL.D., Philadelphia,	1907	1942
GEORGE E. PFAHLER, M.D., SC.D., Philadelphia,	1935	1940
IRVING L. WILSON, Philadelphia,	1937	1942
RALPH F. WISMER, ESQ., A.B., Collegeville,	1938	1943
REV. CALVIN D. YOST, A.M., D.D., Collegeville,	1916	1940

\*Died November 9, 1939.

## COMMITTEES OF THE BOARD OF DIRECTORS

*Executive Committee*

A. H. HENDRICKS	W. A. KLINE
H. E. PAISLEY	R. E. MILLER
C. D. YOST	J. M. NIBLO
E. S. FRETZ	N. E. McCLURE

*Committee on Finance*

E. S. FRETZ	N. E. McCLURE
H. E. PAISLEY	D. L. HELFFERICH
I. L. WILSON	

*Committee on Buildings and Grounds*

J. M. NIBLO	A. H. HENDRICKS
R. E. MILLER	W. A. KLINE
N. E. McCLURE	

*Committee on Instruction*

N. E. McCLURE	W. A. KLINE
C. D. YOST	G. E. PFAHLER
D. L. HELFFERICH	

OFFICERS OF THE CORPORATION

*President*

HARRY E. PAISLEY  
Philadelphia

*First Vice-President*

THOMAS E. BROOKS  
Red Lion, Pa.

*Second Vice-President*

FRANCIS J. GILDNER  
Allentown, Pa.

*Chairman, Executive Committee*

A. H. HENDRICKS  
Collegeville, Pa.

*Secretary*

CALVIN D. YOST  
Collegeville, Pa.

*Treasurer*

EDWARD S. FRETZ  
Collegeville, Pa.

## OFFICERS OF ADMINISTRATION

- N. E. McCLURE, PH.D., LITT.D., LL.D., *President*  
 DONALD L. HELFFERICH, ESQ., A.B., LL.B., *Vice-President*  
 THE REV. WHORTEN A. KLINE, A.M., B.D., LITT.D., *Dean*  
 CAMILLA B. STAHR, A.B., *Dean of Women*  
 THE REV. FRANKLIN I. SHEEDER, JR., A.M., B.D., *Registrar*  
 THE REV. CALVIN D. YOST, A.M., D.D., *Librarian*  
 THE REV. JOHN LENTZ, D.D., *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 Vice-President*  
 CHARLES H. MILLER, A.B., A.B. in L.S., A.M., *Assistant Librarian*  
 MRS. EUGENE E. SHELLEY, B.S., *Assistant to the Registrar*  
 MRS. MAY H. RAUCH, B.S., *Preceptress*  
 MRS. WILLIAM U. HELFFERICH, B.LITT., *Preceptress*  
 EDITH M. HOUCK, A.B., *Preceptress*  
 MRS. EVERETT M. BAILEY, *Preceptress*  
 MURIEL E. BRANDT, A.B., *Preceptress*  
 LYNDELL R. REBER, A.B., *Preceptress*  
 MRS. BESSIE E. SCHLAYBACH, *Preceptress*  
 HELEN M. MOLL, R.N., *Resident Nurse*  
 HARRY M. PRICE, *Steward*  
 MRS. HARRY M. PRICE, *Dietitian*  
 N. BLANCHE DEATRICK, *Superintendent of Dormitories*  
 MRS. HERBERT M. FINKBINER, *Secretary to the President*  
 MRS. JOHN W. CLAWSON, *Secretary to the Dean*  
 HARVEY K. LESHER, *Superintendent of Buildings and Grounds*

## THE FACULTY

**NORMAN EGBERT McCLURE, PH.D., LITT. D., LL.D.**

*President; Professor of the English Language and Literature.*

A.B., Ursinus College, 1915; A.M., Pennsylvania State College, 1916; Ph.D., University of Pennsylvania, 1925; Litt.D., Pennsylvania Military College, 1936; LL.D., Temple University, 1940; Ursinus College, 1928; President, 1936.

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

*Dean; Professor of the Latin Language and Literature.*

A.B., Ursinus College, 1893; A.M. and B.D., 1896; Litt.D., 1913; Ursinus College, 1893; Dean, 1909.

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

*Professor of Chemistry.*

A.B., Philadelphia Central High School, 1890; A.M., 1895; M.D., Medico-Chirurgical College, 1894; Sc.D., Ursinus College, 1916; 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.

**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.

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

*Librarian; Professor of the German Language and Literature.*

A.B., Ursinus College, 1891; A.M., 1895; B.D., 1907; D.D., Heidelberg College, 1925; Ursinus College, 1907.

**CARL VERNON TOWER, PH.D.**

*Professor of Philosophy.*

A.B., Brown University, 1893; A.M., 1895; 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.

**JAMES LYNN BARNARD, PH.D.**

*Professor of Political Science; 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; 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.

**MARTIN WEAVER WITMER, A.B.**

*Professor of English Rhetoric.*

A.B., Franklin and Marshall College, 1904; Ursinus College, 1920.



## 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; Ursinus College, 1923.

## ELIZABETH BRETT WHITE, PH.D.

*Professor of History.*

A.B., Cornell University, 1904; A.M., University of Wisconsin, 1917; Ph.D., Clark University, 1920; Pennsylvania College for Women, 1912-19, 1920-24; Pennsylvania State College, School of Education, Extension Department, 1921-24; Ursinus College, 1924.

## RUSSELL DAVIS STURGIS, PH.D.

*Professor of Analytical Chemistry.*

A.B., University of Delaware, 1919; M.S., University of Pennsylvania, 1921; 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.

## WILLIAM WALLACE BANCROFT, PH.D.

*Professor of Philosophy.*

A.B., Ursinus College, 1919; Graduate, Princeton Theological Seminary, 1920; A.M., University of Pennsylvania, 1921; Ph.D., 1931; Ursinus College, 1925.

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

*Registrar; Professor of Religion and of the History of the Christian Church.*

A.B., Ursinus College, 1922; A.M., University of Pennsylvania, 1929; B.D., Central Theological Seminary, 1925; Ursinus College, 1925.

## JOHN HAROLD BROWNBACK, A.B., Sc.D.

*Professor of Biology.*

A.B., Ursinus College, 1921; Sc.D., 1937; Instructor in Zoölogy, University of Pennsylvania, 1921-26; Ursinus College, 1926.

## GEORGE RUSSELL TYSON, PH.D.

*Professor of Education.*

B.S., University of Pennsylvania, 1916; A.M., 1922; Ph.D., 1936; 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.

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

*Professor of French.*

LL.B., University of Colorado, 1921; A.B., 1922; A.M., 1926; Ph.D., University of Pennsylvania, 1934; 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.

MARTHA ATWOOD BAKER

*Professor of Music.*

Ursinus College, 1939.

HARVEY LEWIS CARTER, PH.D.

*Associate Professor of History and Public Speaking.*

A.B., Wabash College, 1927; A.M., University of Wisconsin, 1928; Ph.D., 1938; Ursinus College, 1928.

MAURICE O. BONE, B.C.S.

*Associate Professor of Economics and Business Administration.*

B.C.S., Northwestern University, 1924; Instructor in Accounting, Northwestern University, 1928-29; Ursinus College, 1929.

RUSSELL CONWELL JOHNSON, B.S.

*Director of Athletics.*

B.S., Ursinus College, 1916; Ursinus College, 1930.

FRANK LEROY MANNING, PH.D.

*Associate Professor of Mathematics.*

B.S., Cornell University, 1919; M.S., Rutgers University, 1924; Ph.D., Cornell University, 1935; Instructor, Rutgers University, 1923-24; Instructor in Mathematics, Clarkson College of Technology, 1928-30; Ursinus College, 1930.

EUGENE BACHMAN MICHAEL, A.M.

*Associate Professor of Education.*

A.B., Ursinus College, 1924; A.M., University of Pennsylvania, 1928; Ursinus College, 1930.

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; 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, 1929-33; Ursinus College, 1933.

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; Instructor, Shippensburg State Teachers College, 1902-08; Dean of Instruction, 1908-34; Ursinus College, 1935.

ELEANOR FROST SNELL, A.M.

*Assistant Professor of Physical Education; Coach of Women's Athletics.*

A.B., University of Nebraska, 1923; A.M., Columbia University, 1929; Instructor, State Teachers College, Marquette, Michigan, 1929-30; Instructor in Physical Education, State Teachers Colleges, Shippensburg and California, Pennsylvania, 1930-31; Ursinus College, 1931.

## GEORGE W. HARTZELL, PH.D.

*Assistant Professor of German.*

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

## CALVIN DANIEL YOST, JR., PH.D.

*Assistant Professor of English.*

A.B., Ursinus College, 1930; A.M., University of Pennsylvania, 1932; Ph.D., 1935; Ursinus College, 1934.

## WILLIAM FRANKLIN PHILIP, Mus.Doc.

*Assistant Professor of Music.*

Mus.B., State Academy of Church and School Music, Berlin, 1931; Mus.M., 1932; Mus.Doc., 1936; Instructor, Troy Conservatory of Music, 1927-31; Ursinus College, 1935.

## JOSEPHINE XANDER SHEEDER, A.M.

*Instructor in Religion.*

A.B., Ursinus College, 1921; A.M., New York University, 1938; Ursinus College, 1925.

## PAUL RAYMOND WAGNER, M.S.

*Instructor in Biology.*

B.S., Ursinus College, 1932; M.S., University of Pennsylvania, 1935; Ursinus College, 1932.

## WILLIAM SCHUYLER PETTIT, M.S.

*Instructor in Inorganic Chemistry.*

B.S. in Chemistry, University of Pennsylvania, 1932; M.S., 1933; Ursinus College, 1933.

## EVERETT M. BAILEY, M.A.

*Instructor in Physical Education.*

B.P.E., Springfield College, 1930; B.S., 1936; M.A., Columbia University, 1936; Assistant Instructor, Department of Physical Education, Columbia University, 1934-35; Ursinus College, 1935.

## KENNETH A. HASHAGEN, B.S.

*Instructor in Physical Education; Coach of Basketball.*

B.S., University of Pennsylvania, 1935; Ursinus College, 1935.

## EUGENE HERBERT MILLER, A.M.

*Instructor in History and Political Science.*

A.B., Ursinus College, 1933; A.M., Clark University, 1934; Ursinus College, 1935.

## The Faculty

19

ALFRED MILES WILCOX, A.M.

*Instructor in French and Spanish.*

A.B., Wesleyan University, 1931; A.M., Brown University, 1933; Ursinus College, 1935.

CHARLES DAVID MATTERN, B.S.

*Instructor in English.*

B.S., Ursinus College, 1930; Ursinus College, 1937.

MARION GERTRUDE SPANGLER, A.B.

*Instructor in Vocal Music.*

A.B., Ursinus College, 1903; Instructor, Ursinus College, 1904-08; Agnes Scott College, Georgia, 1908-10; Harcourt Place School, Ohio, 1911-13; Haverford School, 1931; Ursinus College, 1918-19, 1922-23, 1938.

SARA MARY OUDERKIRK HAMPSON, A.M.

*Instructor in Physical Education.*

A.B., Ursinus College, 1934; A.M., Columbia University, 1938; Ursinus College, 1934.

FOSTER LEROY DENNIS, PH.D.

*Instructor in Mathematics.*

B.S., Ursinus College, 1931; A.M., Cornell University, 1932; Ph.D., University of Illinois, 1938; Instructor in Mathematics, Ursinus College, 1934-35; Assistant in Mathematics, University of Illinois, 1935-38; Ursinus College, 1938.

ELIZABETH READ FOSTER, PH.D.

*Instructor in History.*

A.B., Vassar College, 1933; A.M., Columbia University, 1934; Ph.D., Yale University, 1938; Ursinus College, 1939.

DONALD L. KELLETT, B.S.

*Coach of Football.*

B.S., University of Pennsylvania, 1934; Ursinus College, 1935.

PETER P. STEVENS, B.S.

*Assistant Coach of Football.*

B.S., Temple University, 1935; Ursinus College, 1935.

GARFIELD SIEBER PANCOAST, B.S.

*Assistant in Political Science.*

B.S., Ursinus College, 1937; Ursinus College, 1937.

DOROTHY JEANNE PEOPLES, A.B.

*Assistant in German.*

A.B., Ursinus College, 1939; Ursinus College, 1939.



## ADMISSION

The first step in seeking admission to Ursinus College is the filing of a formal application. The application blank includes a form for the candidate's school record. This will be filled in by the school principal or headmaster and forwarded directly to the Registrar's office. All certificates of preparation are evaluated by the Dean of the College. Further inquiry is made as to 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. *Each new student remains on probation during his first semester.* Each candidate for admission must present a certificate of sound health on a form provided by the Registrar.

Applicants who rank in the upper two-fifths of their classes in the schools in which they received their preparation, applicants from other colleges, and candidates who have passed the examinations of the College Entrance Examination Board are ordinarily 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 obtained from the Registrar.

Every candidate admitted to College will upon entrance take tests that measure his mental aptitude and his achievement in major subjects.

## TERMS OF ADMISSION

If the applicant is a graduate of a four-year school, he should offer for admission at least fifteen units; if he is a graduate of a senior high school, he should offer at least twelve units.

The applicant should present the following units: English, 3; Elementary Algebra, 1; Plane Geometry, 1; Science, 1; Social Studies, 1; Foreign Language, 2. Three additional units

in academic subjects complete the requirements for a graduate of a senior high school, and six additional units in academic subjects complete the requirements for a graduate of a four-year school.

Candidates whose preparation does not precisely coincide with the foregoing outline may be admitted to the College if, in the judgment of the Committee on Admissions, they are qualified to do satisfactory college work.

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 TO ADVANCED STANDING

Applications for admission to advanced standing should be made to the Registrar of the College. The applicant should request the institution last attended to send to the Registrar a transcript of the student's record accepted for admission, a transcript of his record there, and a letter of honorable dismissal.

#### ADMISSION AT MID-YEAR

At the beginning of the second semester a small group of students who have been graduated in the first fifth of their secondary school classes will be admitted. A student admitted at this time can complete his work for a degree in three and one-half years, provided that in college he make no grade lower than C, that his scholastic average at no time fall below B,

and that at the beginning of each semester he obtain written permission of the Dean to undertake the work outlined by his Group Adviser.

Students who are planning to teach are permitted to complete in seven semesters only 116 of the 124 semester hours required for a degree, and must return for an eighth semester to satisfy the requirements for certification in Pennsylvania and New Jersey.

### 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. 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, and he will then be required to complete the work omitted and to take an Extended Examination, for which a fee of Five Dollars is charged. Absences are counted from the first class exercises in any subject. At the beginning and at the end of a semester and immediately preceding and following a recess absences count double. No excuses for absence are granted.

Students of the third year and fourth year who, in the preceding semester, received no grade lower than B and at



least one A 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. Permits for such tests must be obtained 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 the 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 ten times in a semester.

### 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. 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 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. The meals are prepared in a spacious, well-lighted, sanitary kitchen with complete modern equipment.

## 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 by a hyphen, the course may be entered only at the opening of the year. When the numerals are separated by 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 SNELL, M. 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. 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.*

2. PERSONAL AND COMMUNITY HYGIENE. Study of the structure and physiology of systems in relation to personal hygiene; study of the problems of community hygiene. Lectures, papers, and discussions. Three hours per week. *Three semester hours.*

Course 2 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 zoology, the other to botany. In both semesters correlated laboratory and lecture work is definitely planned. Two hours of lecture and three hours of laboratory work. *Six semester hours.*

6. ADVANCED BOTANY. A course designed to acquaint the student with a more detailed study of the plant groups, stressing in particular

the principles of taxonomy and ecology. Lectures and discussions followed by field and laboratory work. Prerequisite, Course 3-4. *Three semester hours.*

Course 6 is required for students who intend to apply for certification as teachers of biology in Pennsylvania.

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

Course 7-8 alternates with Course 9-10. Course 9-10 will be given in 1940-41.

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 of lecture and six hours of laboratory work. *Eight semester hours.*

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-year and fourth-year students only.

15-16. GENERAL PHYSIOLOGY. The study of the physical, chemical, and physio-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 of lecture and six hours of 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. *Four 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 3-4, 6, 7-8 or 9-10, and 11-12. Such students will also be

expected to take Chemistry 1-2 and 14 and Physics 1-2. Prospective medical students taking the full college course should take Courses 3-4, 7-8, 9-10, and if possible 15-16.

### CHEMISTRY

PROFESSOR BEARDWOOD, PROFESSOR STURGIS, MR. PETTIT

A-B. INTRODUCTION TO SCIENCE. See BIOLOGY, Course A-B, p. 26.

1-2. GENERAL CHEMISTRY. The facts, theories, and laws of the chemistry of the commoner elements, their industrial uses, and their physiological and nutritional applications. Demonstrated lectures accompanied by oral and written recitations. The student preserves a record of laboratory observations which must be submitted to the instructor for correction and approval. Two hours of lecture and three hours of laboratory work. *Six semester hours.*

14. INORGANIC CHEMISTRY. A more detailed study of the theories and principles of chemistry accompanied by work in the solution of chemical problems. This course is to be pursued concurrently with Chemistry 2. Prerequisite, Chemistry 1. Two hours of lecture. *Two 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 14. Two hours of lecture and four hours of laboratory work. *Six semester hours.*

5-6. QUANTITATIVE ANALYSIS. A study of the most acceptable methods of gravimetric and volumetric analysis. Prerequisite, Course 3-4. Two hours of lecture and four hours of laboratory work. *Six 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 14. Two hours of lecture and six hours of 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 of lecture per week. *Four 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.*

12. THE LITERATURE OF CHEMISTRY. The use of books, journals, and reports in the field of Chemistry. Open to third-year and fourth-year students in the Chemistry-Biology group. One hour per week. *One semester hour.*

Course 12, given in alternate years, will be given in 1940-41.

Students of the Chemistry-Biology Group taking their major work in Chemistry must complete not less than twenty-four hours of work in the department. This requirement will be met by taking Courses 1-2, 14, 3-4, 7-8, and 5-6 or 9-10. Prospective medical students taking the full college course must take Chemistry 1-2, 14, 3-4, and 7-8.

### ECONOMICS

PROFESSOR BOSWELL, ASSOCIATE PROFESSOR BONE

1, 2. ECONOMIC HISTORY. A study of the economic development of the United States from the Colonial period down to the present time. Some attention is given to the European origins of our economic institutions and attitudes. 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.*

Course 5, given in alternate years, will be given in 1940-41.

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 15 and 6 alternate with courses 19 and 20. Course 15 and 6 will be given in 1940-41.

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. Course 9-10 will be given in 1940-41.

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 of lecture and two hours of 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.*

15. 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 and upon 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 15 and 6. Courses 15 and 6 will be given in 1940-41.

MATHEMATICS OF FINANCE. See MATHEMATICS, Courses 13-14 and 15-16, p. 50.

#### EDUCATION

PROFESSOR TYSON, ASSOCIATE PROFESSOR HEIGES,  
ASSOCIATE PROFESSOR MICHAEL

1. INTRODUCTION TO TEACHING. A survey of the field of education. The approach of 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 prescribed for second-year students who are preparing to teach.

2. PRINCIPLES OF SECONDARY EDUCATION. The secondary school in America and in foreign countries; individual, social, and vocational aims; nature and interests of adolescents; subjects of the curriculum; program making. Prerequisite, Education 1. Three hours per week. *Three semester hours.*

Course 2 is prescribed for second-year students who are preparing to teach.

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. Prerequisites, Psychology 1 or 2 and Education 1 and 2. Three hours per week. *Three semester hours.* See PSYCHOLOGY, Course 5.

Course 3 is prescribed for third-year students who are preparing to teach.

4. PRINCIPLES OF TEACHING AND LEARNING. The application of the principles of educational psychology to teaching in the secondary school; the teacher as a guide 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. Prerequisites, Education 1, 2, 3. Three hours per week. *Three semester hours.*

Course 4 is prescribed for third-year students who are preparing to teach.

5, 6. STUDENT TEACHING. A laboratory course in student teaching, consisting of observation, participation and teaching in neighboring high schools with individual and group conferences. Consult the instructor for the requirements of different states. Required to complete certification. Open only to fourth-year students who meet the personality and scholastic requirements. Prerequisites, Courses 1, 2, 3, and 4. Maximum credit: *Six semester hours.*

7. HISTORY OF EDUCATION. The development of educational ideas, institutions, and practices to the present time. 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; 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.*

12. THE TEACHING OF SCIENCE IN THE SECONDARY SCHOOL. This course is designed to acquaint the prospective teacher with the purposes and problems of the teaching of science in the secondary school. The chief topics include the development of objectives, the organization of typical curricula, and the methods used in both junior and senior high schools. Open to fourth-year students who are preparing to teach science. Three hours per week. *Three semester hours.*

For similar courses in other fields see English 25, French 21, German 21, Latin 10, Mathematics 23-24, Physical Education 5-6, and Political Science 21-22.

#### SUBJECT-MATTER REQUIREMENTS FOR THE TEACHING OF SCIENCE AND SOCIAL STUDIES IN PENNSYLVANIA

##### Distribution of Required Eighteen Semester Hours.

##### A. SCIENCE.

1. A certificate of standard grade will be validated for the teaching of science upon the completion of eighteen semester hours of approved preparation in science distributed as follows:

Physical sciences, nine semester hours including three semester hours in physics and three semester hours in chemistry.

Biological sciences, nine semester hours including three semester hours in botany and three semester hours in zoölogy.

2. Where the applicant presents eighteen semester hours of approved preparation in physical sciences including six semester hours in chemistry and six semester hours in physics, physical science will be written upon the certificate.

3. Where the applicant presents eighteen semester hours of approved preparation in biological science including six semester hours in botany and six semester hours in zoölogy, biological science will be written upon the certificate.

##### B. SOCIAL STUDIES.

1. Social studies will be written upon the certificate when the applicant presents evidence of having completed eighteen semester

hours of approved preparation in the social studies distributed as follows:

Social Science .....	nine semester hours
History .....	nine semester hours

2. Where the applicant has completed eighteen semester hours of approved preparation in social science, social science will be written upon the certificate.

3. Where the applicant has completed eighteen semester hours of approved preparation in history, history will be written upon the certificate.

REQUIREMENTS FOR CERTIFICATION OF HIGH SCHOOL  
TEACHERS IN NEW JERSEY

A. To teach in grades seven and eight the subjects prescribed for the elementary school curriculum and in a high school the subjects endorsed on the certificate.

B. 1. A college degree with a credit of twelve units in English language and literature, twelve units in social studies, and six units in science.

2. For endorsement on the certificate, thirty credits in a major teaching field and eighteen credits in a minor teaching field, provided that in place of one minor teaching field two minors may be presented with not less than twelve credits in each of certain subjects specified by New Jersey. For a list of these subjects, see the Professor of Education.

3. Eighteen credits in the study of secondary education including health education, 3; educational psychology, 3; aims and organization of secondary education, 3; principles and techniques of teaching in the school, 3; curriculum organization and courses of study in one endorsed teaching field, 3; elective, 3.

*Students preparing to teach in states other than Pennsylvania and New Jersey 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. Students planning 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,  
ASSISTANT PROFESSOR YOST, MR. MATTERN

## 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.*

Courses 5 and 6 are elective for all students who have passed Course 1-2.

Courses 5 and 6 alternate with Courses 7 and 8. Courses 7 and 8 will be given in 1940-41.

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.*

Courses 7 and 8 are elective for all students who have passed Courses 1-2.

9-10. NEWSWRITING AND JOURNALISTIC PRACTICE. A study of the structure, methods, and standards of modern newspapers. Practice in the writing of news stories, feature articles, criticisms, and editorials. Two hours per week. *Two semester hours.*

## 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 5 and 6 will be given in 1940-41.

7. ENGLISH POETRY, 1660-1824. A study of English poetry from the Restoration to the death of Byron. The rise and decline of neo-classicism; the romantic revival. 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, 1824-1890. A study of the poetry of Tennyson and his contemporaries. 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 15 and 16 will be given in 1940-41.

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 second-year, third-year, and fourth-year students in all groups.

Courses 15 and 16 alternate with Courses 9 and 10. Courses 15 and 16 will be given in 1940-41.

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. Course 19-20 will be given in 1940-41.

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 in European ancient and mediæval literature in English translations, offering a comprehensive background for English literature. Principal emphasis is laid upon the classical literature of Greece and Rome, mediæval and early modern literature. Two hours per week. *Four semester hours.*

Course 21-22 is elective for third-year and fourth-year students in all groups.

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 elective for fourth-year students in the English Group. Others are admitted only by special permission.

## FRENCH

PROFESSOR SIEBALD, MR. WILCOX

In arranging his curriculum, every regular student must provide for meeting the following requirement: (a) six semester hours of the modern language offered for admission, provided the student passes a satisfactory achievement test at matriculation; or (b) twelve semester hours of the modern language offered for admission, if the student has not passed a satisfactory achievement test at matriculation; or (c) twelve semester hours of a modern language begun in college.

1-2. BEGINNING FRENCH. (For those who begin French in college, for those who have had one year of French in high school, and for those who have had two years of French in high school but who in the Freshman achievement tests show an insufficient knowledge of French). Beginning grammar and pronunciation, with elements of phonetics. 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. 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 PROSE OF THE NINETEENTH CENTURY. Readings and translations of French prose since the beginning of the Romantic Movement. Lectures in French on French literature and literary movements during the nineteenth century. Class discussions in French. Outside readings. Prerequisite, Course 3-4, or equivalent. Two hours per week. *Four semester hours.*

Course 7-8 alternates with Course 5-6. Course 7-8 will be given in 1940-41.

7-8. FRENCH DRAMA OF THE NINETEENTH CENTURY. Readings and translations of French drama and poetry since the beginning of the Romantic Movement. Lectures in French on French literature and

literary movements during the nineteenth century. Class discussions in French. Outside readings. Prerequisites, Course 3-4, or equivalent. Two hours per week. *Four semester hours.*

9-10. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Readings and translations of French prose, poetry, and drama of the Classical Period of French Literature. Lectures in French on the literary movements of the seventeenth century. Class discussions in French. Outside readings. Prerequisite, Course 5-6, 7-8, or equivalent. Two hours per week. *Four semester hours.*

Course 9-10 alternates with Course 11-12. Course 9-10 will be given in 1940-41.

11-12. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY. Readings and translations of French prose, poetry, and drama from the decline of Classicism to the beginning of Romanticism. Lectures in French on the literary movements of the eighteenth century. Class discussions in French. Outside readings. Prerequisite, Course 5-6, 7-8, or equivalent. Two hours per week. *Four semester hours.*

13-14. ADVANCED FRENCH COMPOSITION. Advanced treatment of French grammar and syntax. Intensive drill on up-to-date idioms and conversational forms. Practice in written and spoken French. Original compositions in French. Prerequisite, Course 3-4, or equivalent. Two hours per week. *Four semester hours.*

21. TEACHERS' COURSE IN FRENCH. Advanced treatment of French phonetics and pronunciation. Lectures in French on French phonology and morphology. Discussions of modern texts on class methods and class problems. Study of modern French texts. Reports on selected subjects. Prerequisite, Course 13-14 and Course 9-10 or 11-12. Three hours per week. *Three semester hours.*

## GERMAN

PROFESSOR YOST, ASSISTANT PROFESSOR HARTZELL, MISS PEOPLES

In arranging his curriculum, every regular student must provide for meeting the following requirement: (a) six semester hours of the modern language offered for admission, provided the student passes a satisfactory achievement test at matriculation; or (b) twelve semester hours of the modern language offered for admission, if the student has not passed a satisfactory achievement test at matriculation; or (c) twelve semester hours of a modern language begun in college.



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. ADVANCED GERMAN READING. Reading of advanced material with particular attention to literary and cultural value. Three hours per week. *Three semester hours.*

6. GOETHE'S FAUST. A study of the background of the Faust legend; translation of Goethe's *Faust I*; lectures on the importance of *Faust* to an understanding of Goethe. Three hours per week. *Three semester hours.*

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.*

Courses 7, 8 alternate with Courses 9, 10. Courses 9, 10 will be given in 1940-41.

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.*

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 at least two years of German. Two hours per week. *Four semester hours.*

Course 11-12 alternates with Course 13-14. Course 11-12 will be given in 1940-41.

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.*

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. Allen, *First Year of Greek*. Attention is paid to the Greek element in English words and to the social customs and institutions of the Greeks. Three hours per week. *Six semester hours.*

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

3. INTERMEDIATE GREEK. Xenophon, *Anabasis*. Readings on the history of Greek literature. 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 Arrian, 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.*

## HEALTH AND PHYSICAL EDUCATION

PROFESSOR TYSON, ASSISTANT PROFESSOR SNELL, MR. JOHNSON,  
MR. BAILEY, MR. HASHAGEN, MRS. HAMPSON

1. INTRODUCTION TO PHYSICAL EDUCATION. An orientation course dealing with the interpretation, objectives, and current problems in physical education. This course aims to create an intelligent professional understanding of the field. Two hours per week. *Two semester hours.*

2. PRINCIPLES AND HISTORY OF PHYSICAL EDUCATION. An historical analysis of the physical education principles, philosophies, and activities of man from primitive to modern times. A study of the forces activating the different physical education practices and of the relation of physical education to education in general. Two hours per week. *Two semester hours.*

3. COMMUNITY RECREATION PROGRAMS. A comprehensive analysis of the leisure time problem. An examination of the nature, scope, need and function of community recreation programs, of the social and economic forces affecting them, and of the problems and responsibilities attendant upon recreational leadership. Study is made of the various agencies participating in the field with special stress upon the contributions of physical education. Attention is given to the construction, organization, and administration of programs for playgrounds, recreation centers, and other social institutions. Two hours per week. *Two semester hours.*

4. LEADERSHIP IN CAMP AND CLUB ACTIVITIES. Discussion of the principles, characteristics, and processes of leadership in light of their significance to directors of camp and club activities. An examination of the different types of camps and camp programs, the problems and responsibilities of counselling and of leadership in the various junior and senior high school clubs. Emphasis is placed upon the opportunities inherent within these organizations for character development. Three hours per week. *Three semester hours.*

5. PRINCIPLES AND METHODS OF TEACHING PHYSICAL EDUCATION. Principles, methods, and problems of teaching physical education activities at the elementary and secondary school levels. The content and organization of the physical education program is examined and evaluated with respect to general education and specific teaching situations. Opportunity is given for observation, laboratory practice in teaching, and the construction of curricula. Two hours per week. *Two semester hours.*

6. METHODS OF HEALTH INSTRUCTION. Analysis of the principles, materials and methods involved in the teaching of health at different age levels. Consideration is given to the construction of workable health teaching programs and to laboratory practice as in Course 5. Two hours per week. *Two semester hours.*

7-8. PRINCIPLES AND METHODS OF COACHING AND OFFICIATING. This course is designed with particular reference to the needs of prospective coaches and officials. Special attention is given to developing an understanding of the fundamentals of individual and team play.

Discussion includes equipment, training and preparation for contests, psychological consideration, ethical aspects, and general problems relative to the coaching of competitive teams. Stress is placed on the study and interpretation of the rules and the techniques and qualifications for successful officiating. Opportunities for practice in coaching and officiating are given in connection with the intramural and required physical education programs. The following sports are included: (men) football, soccer, basketball, baseball, tennis, track, and field; (women) hockey, soccer, basketball, tennis, softball, track, and field. Two classroom hours and one hour of practice per week. *Four semester hours.*

9. ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION, AND RECREATION. A study of the administrative problems in health, physical education, and recreation. The following topics are considered: relationship of health education, physical education, and recreation, the responsibility of the school for these programs, the personnel and functions of the teaching staff, the required, intramural, interscholastic, and intercollegiate activity programs, gymnasium equipment and facilities, locker and shower rooms, swimming pools, care of playgrounds and athletic fields, budget and finance, state responsibility, the legal aspects of administration. Three hours per week. *Three semester hours.*

10. TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION. This course aims to familiarize the student with the nature, function, and history of specific tools of measurement in the field of health and physical education and to give him working knowledge and experience in the use of essential statistical procedures. Opportunity is given for practice in testing and in interpreting the data obtained. Three hours per week. *Three semester hours.*

14. PROBLEMS AND MATERIALS OF HEALTH AND SAFETY EDUCATION IN SCHOOL PROGRAMS. The scope, responsibility, and function of the health education program in the school with particular stress upon the phases of healthful school living, health service, and safety education. The normal growth and developmental processes of the child as well as the nature, causes and effects of common growth divergencies are considered. Health examination and physical inspection procedures are studied. Available health materials are examined and evaluated. Two hours per week. *Two semester hours.*

16. FIRST AID. Preventive procedures and emergency treatment for all types of common injuries. A course designed to give the student directed practice in the application of first aid knowledge. Red

Cross first aid certificates may be obtained by those who satisfy the requirements. One hour per week. *One semester hour.*

18. CARE AND PREVENTION OF ATHLETIC INJURIES. This course deals with the causes of common injuries incident to athletic competition and stresses methods of prevention and treatment. One hour per week. *One semester hour.*

19. MECHANICAL-ANATOMICAL ANALYSIS OF ACTIVITIES. An anatomical analysis of the mechanics of body movement and position. A study of the fundamental anatomical concepts in relation to the development of physical education skills. Two hours per week. *Two semester hours.*

20. PHYSICAL EDUCATION FOR ATYPICAL CHILDREN. An analysis of the general conditions producing atypical children, of the biological and physiological aspects involved, and of the resultant psychological and sociological problems. Methods are given for the selection and classification of these individuals and for the adaptation of activities to meet their needs. This program is considered in its cooperative relationship to the school health and physical education curriculum and to various outside agencies. Three hours per week. *Three semester hours.*

22. PHYSIOLOGY OF ACTIVITY. The physiological phenomena underlying physical activity. The anticipatory, immediate, and after effects of exercise on the different organs and the organism as a whole. Class discussion and laboratory demonstration. Two hours per week. *Two semester hours.*

23. PAGEANTRY WRITING. The theory of pageantry and its place in dramatic art. A survey of the fine arts with a view to their correlated use in festival and pageant. The writing of pageants suitable for campus production on May Day and pageants for special purposes. Two hours per week. *Two semester hours.*

24. PAGEANTRY PRODUCTION. A study of production technique. Under supervision, students are given experience in the handling of committees and the management of the May Day pageant and other pageants. Two hours per week. *Two semester hours.*

## PHYSICAL EDUCATION ACTIVITIES

### GENERAL ACTIVITIES

101-2. GENERAL ACTIVITIES. A basic course in physical activities, designed for the development of organic vigor and the essential neuro-muscular skills. It aims to provide the student with recreative

activities which may be valuable in later life and to create situations which may foster satisfactory social and moral outcomes. Seasonal activities of both group and individual nature are provided. For men: tennis, touch football, soccer, basketball, volleyball, general group games, quoits, softball, track, and field. For women: tennis, soccer, hockey, speedball, dancing, basketball, volleyball, stunts and tumbling, general group games, softball, and archery. *This course is a requirement for graduation for all students except those in the Physical Education Group, and must be completed in either the first or second year. Two hours per week. Not a credit course.*

#### PROFESSIONAL COURSES

201-2. FIRST-YEAR ACTIVITIES. Physical education activities of a seasonal nature make up the major content of the course, with general emphasis on those of a team or group nature. Stress is placed upon the teaching and mechanical analysis of the individual skills and fundamental techniques. Study is made of the characteristic forms of different folk dances and their music. Outdoor activities include (men) football, touch football, soccer, speedball, tennis, softball, baseball, track, and field; (women) soccer, speedball, tennis, hockey, softball, track and field. The indoor activities for both men and women include marching, tactics, calisthenics, apparatus work, folk dancing, group games, self-testing activities, basketball. Six hours per week. *Four semester hours.*

203-4. SECOND-YEAR ACTIVITIES. A continuation of Course 201-2 with added emphasis upon methods of teaching and the development of strategy and team play. Attention is given to the selection, adaptation, and use of music suitable for the various types of rhythmic activities. The following outdoor activities are included: (men) football, touch football, soccer, speedball, tennis, softball, baseball, track, field, canoeing, aquatic activities; (women) soccer, speedball, tennis, hockey, softball, track, field, canoeing, aquatic activities. Indoor activities for both men and women include marching and tactics, calisthenics, apparatus work, stunts, tumbling, self-testing activities, group games, rhythms, tap dancing, basketball. Six hours per week. *Four semester hours.*

205-6. THIRD-YEAR ACTIVITIES. This course offers a variety of individual activities which are in common use in the field of physical education. The course includes (men and women) archery, riding, tennis, volleyball, swimming, diving, golf, canoeing, aquatic activities, group games, social dancing, tap dancing, marching, apparatus work, stunts, tumbling, pyramids, etc.; (men) track and field, wrestling;

(women) modern dancing. A study is made of percussion instruments and their use in the dance. Six hours per week. *Four semester hours.*

207-8. FOURTH-YEAR ACTIVITIES. A continuation of Course 205-6. New activities are included and added emphasis is placed upon some of the more important individual sports already covered. A portion of this course is given over to review and to examinations for a comprehensive rating in physical education. The work in this course includes (men and women) archery, riding, golf, badminton, swimming, life saving, deck tennis, paddle tennis, quoits, horseshoes, canoeing, aquatic activities; (men) boxing; (women) modern dancing. Opportunity is given for original composition. Six hours per week. *Four semester hours.*

### HISTORY

PROFESSOR WHITE, ASSOCIATE PROFESSOR CARTER, ASSOCIATE  
PROFESSOR BAKER, MR. MILLER, DR. FOSTER

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. 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 Courses 7 and 8. Courses 7 and 8 will be given in 1940-41.

5-6. EUROPE AND ASIA SINCE 1789. The French Revolution, the Napoleonic period, and the Congress of Vienna. The Industrial Rev-

olution. 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. Course 5-6 will be given in 1940-41.

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 7-8 will be given in 1940-41.

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. An additional year of European history is desirable.

11. SEMINAR IN AMERICAN HISTORY. Subjects chosen from such fields as colonial history, the history of the West, the Civil War period. Three hours per week. *Three semester hours.*

Open only to third-year and fourth-year students who have had two years' work in history.

12. SEMINAR IN AMERICAN HISTORY. Subjects chosen from the problems of American foreign relations, including those of Latin America. 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, 12 alternate with Course 5-6. Course 5-6 will be given in 1940-41.

13, 14. CONTEMPORARY PROBLEMS. The first semester's work involves an intensive study of the origins, development, and present significance of Far Eastern questions. During the second semester the course deals with recent European international relations. Two hours per week. *Four semester hours.*

Course 13, 14, given in alternate years, will not be given in 1940-41.



15. GREEK HISTORY. This course deals primarily with the political changes in the various ancient Greek states, especially Athens. Ancient economic and social life will also be studied. Aristotle's *Constitution of Athens* and *Politics* will be used extensively. Prerequisite, History 1-2. Two hours per week. *Two semester hours.*

16. ROMAN HISTORY. This course deals especially with the system of government under the Roman republic, the change from republic to empire in Rome, and the causes of Rome's political decline, together with the economic and social factors involved. Prerequisite, History 1-2. Two hours per week. *Two semester hours.*

Members of the History-Social Science Group majoring in history are required to take eighteen hours of work from the foregoing courses.

### LATIN

PROFESSOR KLINE, ASSOCIATE PROFESSOR BAKER

A, B. VIRGIL. *Aeneid*, Books I-VI, Greenough and Kittredge. Emphasis is placed on vocabulary and mythology. Three hours per week. *Six semester hours.*

Course A, B is elective for students who offer three units of Latin for admission. Qualified students offering two units of Latin for admission may be admitted to this course with the consent of the instructor, but must take in addition Latin 1, 2 in order to meet the requirement for graduation in Latin for those not electing mathematics.

1, 2. THE AUGUSTAN AGE. A study of the history, art, and literature of the golden age of Rome. Cicero: *De Senectute*; selections from Livy and Ovid; Horace: *Odes* and *Epodes*. Three hours per week. *Six semester hours.*

Course 1, 2 is elective for students who offer four units of Latin for admission.

3. HORACE. *Satires* and *Epistles* with reading on the history of Latin literature. Three hours per week. *Three semester hours.*

4. ANCIENT LITERARY CRITICISM. Cicero, *De Oratore*; Horace, *Ars Poetica*. Term papers on other Greek and Roman treatises on literature. Three hours per week. *Three 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.*

Courses 5, 6 alternate with Courses 7, 8. Courses 5, 6 will be given in 1940-41.

7, 8. TACITUS, LUCRETIVS. (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, ASSOCIATE PROFESSOR MANNING, DR. 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 not more than 3 units of mathematics toward admission, except that students in the Chemistry-Biology Group take Mathematics 3a-4a and students electing Latin are exempt from this requirement.

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

Course 1a, 2a is elective 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. Three hours per week. *Six semester hours.*

Course 3-4 is prescribed in the Mathematics Group.

3a-4a. ELEMENTARY CALCULUS. In addition to the fundamental methods of the calculus, this course will include portions of algebra

and trigonometry necessary for an understanding of the calculus, and applications of differentiation and integration in engineering and the physical sciences. Five hours per week. *Ten semester hours.*

Course 3a-4a is prescribed in the Chemistry-Biology Group. A separate section will be provided for students who have presented two units of algebra and one-half unit of plane trigonometry for entrance.

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

Courses 5 and 6 are prescribed in the Mathematics Group.

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

9-10. PROJECTIVE GEOMETRY. In the first semester, a synthetic study of one-dimensional forms, harmonic forms, pole and polar properties, duality, metric applications. In the second semester, an analytic study of linear transformations, coordinate systems, conics and higher curves. Prerequisite, Course 5, 6. Two hours per week. *Four semester hours.*

Courses 9-10 and 11, 12 are given in alternate years. Course 11, 12 will be given in 1940-41.

11. THEORY OF EQUATIONS. A study of the properties of numerical and literal equations in one unknown, determinants, invariants, resultants, discriminants. Prerequisites, Courses 3-4 and 5, 6. Two hours per week. *Two semester hours.*

12. THEORY OF FINITE GROUPS. A study of the general properties of groups, permutation groups, cyclic groups, linear substitutions, ruler and compass constructions, applications. Prerequisites, Courses 3-4 and 5,6. Two hours per week. *Two semester hours.*

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, probability, interpolation, and finite differences. Prerequisite Mathematics 1, 2 or its equivalent. Two hours per week. *Four semester hours.*

17-18. ASTRONOMY. Facts and theories concerning the appearance, dimensions, constitutions, motions, and interrelations of celestial bodies; practical applications. Prerequisite, 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 devoted to the study of a topic or topics varying from year to year. A weekly problem paper is discussed at a second hour. During the year each student makes a report on an approved topic. 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.

23-24. TEACHERS' COURSE. The study and teaching of mathematics: a consideration of problems, materials and methods. Two hours per week. *Four semester hours.* Prerequisite, at least eighteen semester hours in Mathematics.

## MUSIC

MRS. BAKER, ASSISTANT PROFESSOR PHILIP, MISS SPANGLER

### A. THEORY OF MUSIC

1-2. ELEMENTARY HARMONY. A thorough foundation in the melodic, rhythmic, and harmonic elements of music; keys, scales, intervals, cadences, major and minor chords; rhythmic reading and dictation, time durations, and the study of compound and simple measures. Two hours per week. *Four semester hours.*

3-4. ADVANCED HARMONY AND SIMPLE COUNTERPOINT. A detailed study of harmonic resources, from secondary chords to chromatic

modulations and higher dissonances; principles of counterpoint, in two and three parts as divulged by study of sixteenth and seventeenth century compositions; four part harmony from melody and figured bass; dictation of four part harmony and works of the Classic School. Two hours per week. *Four semester hours.*

Course 3-4 alternates with Course 5-6. Course 3-4 will be offered in 1940-41.

5-6. COUNTERPOINT AND FORM. Counterpoint based on study of mediaeval modes; fifteenth and sixteenth century styles; tonal counterpoint including two and three-part inventions; harmonic technique in contrapuntal style; dictation in contrapuntal style; survey of form in music; analysis of a comprehensive list of masterpieces. Two hours per week. *Four semester hours.*

7-8. DOUBLE COUNTERPOINT, FUGUE, AND CANON. An advanced course requiring 10-15 hours of preparation per week. Two hours per week. *Four semester hours.*

Course 7-8 alternates with Course 9-10. Course 7-8 will be given in 1940-41.

9-10. COMPOSITION. Practical composing in the smaller and simpler forms of voice, piano, and other instruments. One hour per week. *Two semester hours.*

11-12. ORCHESTRATION. Symphonic scoring through practical study; the study of the instruments of the orchestra and their relationship to the above. One hour per week. *Two semester hours.*

#### B. APPRECIATION OF MUSIC

13-14. APPRECIATION OF MUSIC. This course is especially intended for those not studying music from an applied or practical standpoint but for those desiring to enlarge their critical appreciation of music as a detail of their general culture. This course is more directly adapted to the special needs of the general group of college students than Course 15-16. This course has no prerequisite and is open to anyone. Two hours per week. *Four semester hours.*

#### C. HISTORY OF MUSIC

15-16. HISTORY OF MUSIC. Introduction on ancient and primitive music; music from the beginning of the Christian era to the present. Two hours per week. *Four semester hours.*

17-18. OPERA AND ORCHESTRAL MUSIC. Review of chief dramatic and musical developments of the masters with detailed study of outstanding compositions. Two hours per week. *Four semester hours.*

Course 17-18 alternates with Course 19. Course 17-18 will be given in 1940-41.

19. THE MUSIC DRAMAS OF RICHARD WAGNER. An intimate discussion and the detailed analysis of Wagner's works. Two hours per week. *Two semester hours.*

#### D. MUSICAL ORGANIZATIONS

21a. BAND. A detailed study of both the "marching band" and the "concert band." Two hours per week. *One semester hour.*

21b. BAND. Second year. Continuation of first-year work, which is a prerequisite. Two hours per week. *One semester hour.*

21c. BAND. Third year. Continuation of second-year work, which is a prerequisite. Two hours per week.

21d. BAND. Fourth year. Continuation of third-year work, which is a prerequisite. Two hours per week.

23a, 24a. SYMPHONY ORCHESTRA. Reading and study of the best literature of the orchestra. Two hours per week. *One semester hour.*

23b, 24b. SYMPHONY ORCHESTRA. Continuation of first-year work, which is a prerequisite. Two hours per week. *One semester hour.*

23c, 24c. SYMPHONY ORCHESTRA. Continuation of second-year work, which is a prerequisite. Two hours per week.

23d, 24d. SYMPHONY ORCHESTRA. Continuation of third-year work, which is a prerequisite. Two hours per week.

27a, 28a. VOCAL ENSEMBLE AND METHODS. A study of the basic principles of ensemble technique, vocal characteristics, and various types of voices. Discussion and study of the musical literature of the different periods. Practical application of principles studied as well as participation with the Ursinus Meistersingers in public concerts. Two hours per week. *One semester hour.*

27b, 28b. VOCAL ENSEMBLE AND METHODS. Continuation of first-year work, which is a prerequisite. Two hours per week. *One semester hour.*

27c, 28c. VOCAL ENSEMBLE AND METHODS. Continuation of second-year work, which is a prerequisite. Two hours per week.

27d, 28d. VOCAL ENSEMBLE AND METHODS. Continuation of third-year work, which is a prerequisite. Two hours per week.

30. CHORAL AND ORCHESTRAL CONDUCTING. Organization, arrangement, and direction of choruses and orchestras. Technique of the baton. Study of tempi; phrasing; dynamics; nuances; color. Practical experience conducting the college choral and orchestral units. Two hours per week. *Two semester hours.*

Not more than twelve semester hours in Music may be counted toward graduation.

## 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; the basic concepts involved in scientific method. Three hours per week. *Three semester hours.*

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.*

Courses 3 and 4 alternate with Course 9-10. Course 3 and 4 will be given in 1940-41.

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. This course is continuous with Course 5, but is a more intensive study of certain problems outlined in the latter course and in Philosophy 4. It is designed to afford further orientation for a still more detailed and critical treatment of selected topics considered in Philosophy 9-10. Prerequisite, at least a one-semester course in philosophy. Three hours per week. *Three semester hours.*

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

Students may not register for Course 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, at least nine semester hours in philosophy. Two hours per week. *Four semester hours.*

NOTE: Courses in philosophy are open to third-year and fourth-year students. Candidates for department honors must have had twelve semester hours in philosophy.

### PHYSICS

ASSOCIATE PROFESSOR MAUCHLY

A-B. INTRODUCTION TO SCIENCE. See BIOLOGY, Course A-B, page 26.

1a-2a. OUR PHYSICAL HERITAGE. Designed expressly for students who are not concentrating in science and mathematics, this course presents physics as a significant part of our cultural heritage. The subject is developed around force and energy, two concepts which underlie and unite many fields of science. The relation of physics to other domains of knowledge and the possibilities and limitations of physical science are examined.

No previous work in science is assumed, except Course A-B.

Two hours of lecture and three hours of laboratory per week.  
*Six semester hours.*

1-2. GENERAL PHYSICS. Elementary mechanics, heat, sound, light, electricity, and magnetism. Physics is presented not only as a science having practical application to everyday life, but as an example in itself of general scientific method. No previous courses in physics or mathematics are required, but reasonable facility with pre-college mathematics is essential. Although not a requirement, Mathematics 3-4 is strongly urged, to be pursued concurrently if not already completed.

Three hours of lecture and three hours of laboratory per week.  
*Eight semester hours.*



NOTE: Admission to advanced courses depends upon the quality of work done in one or the other of the elementary courses, (1a-2a or 1-2).

Usually no more than one of Courses 3 to 6 inclusive will be given during any one semester. Students intending to elect any of the advanced courses are asked to confer with the instructor during the year prior to that in which the course is to be taken, in order that a satisfactory schedule may be arranged.

3. OPTICS. Image formation; systems of lenses and mirrors; dispersion; spectra; interference and diffraction; polarization; origin of radiation; effects of radiation; applications. Three hours of lecture and three hours of laboratory per week. *Four semester hours.*

4. SOUND. The nature of sound; the physical basis of music, speech, and hearing; acoustics of buildings; methods of sound transmission and reproduction, and study of distortion; diffraction and interference; applications. Three hours of lecture and three hours of laboratory per week. *Four semester hours.*

5. ELECTRICITY AND MAGNETISM. Gauss's Theorem; potential; capacity; electric and magnetic circuits; Kirchoff's Laws; inductance; alternating currents; elements of electronics; the electromagnetic field. If desired, this course may be extended to include more material on high frequency circuits and radio communication. Prerequisite, Mathematics 3-4. Three hours lecture and three hours of laboratory per week. *Four semester hours.*

6. MECHANICS, WITH AN INTRODUCTION TO MATHEMATICAL PHYSICS. Fundamentals of theoretical mechanics; vector calculus; generalized coordinates; Lagrange's equations; Hamilton's Principle; potential fields; the wave equation; statistical mechanics; brief discussion of further mathematical methods. The laboratory work is chiefly concerned with the precise measurement of mechanical quantities. Prerequisite, Mathematics 3-4. *Four semester hours.*

7-8. CHEMICAL PHYSICS. A course in elementary thermodynamics, kinetic theory, atomic and molecular theory. Emphasis is placed on those phases of physics which are especially pertinent to an understanding of chemistry and related fields, such as biochemistry, biophysics, and physiology. Prerequisite, Mathematics 3-4. Three lectures per week. *Six semester hours.*

7a-8a. LABORATORY IN CHEMICAL PHYSICS. Laboratory work (optional) for Course 7-8. Three hours per week. *Two semester hours.*

9-10. SPECIAL TOPICS. Readings and laboratory work with conferences. The student, having chosen some field in which he is interested, is expected to become familiar with the special instruments and methods of measurement used in that field. Only students capable of independent work may elect this course. Prerequisites, Mathematics 3-4 and two years of college physics. Credit according to work done.

### POLITICAL SCIENCE

PROFESSOR BARNARD, MR. MILLER, MR. PANCOAST

1-2. AMERICAN GOVERNMENT. A functional approach to the government of the United States. Stress is laid on the integration and cooperation of the federal, state, and local governments in the performance of essential services. 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. A 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 governments of Europe, including France, Germany, Italy, Switzerland, and Russia. Three hours per week. *Six semester hours.*

7-8. POLITICAL THEORY. During the first semester consideration is given to the nature and ends of the state and to the functions and problems of representative government in an industrial democracy. In the second semester a study is made of the thinking that lay back of political action during the colonial and national periods of American history. This necessitates the constant use of speeches, debates, and decisions of the Supreme Court. Application is made of the political theory learned in the first semester. Three hours per week. *Six semester hours.*

9-10. INTERNATIONAL LAW AND ORGANIZATION. A descriptive analysis of the structure, functions, and work of such international agencies as the League of Nations, the Permanent Court of International Justice, the International Labor Office, and the Bank for International

Settlements. Emphasis is placed upon the legal and practical limitations of their operations. Careful study of international practice in such matters as recognition of states and governments, treaties, and state succession. Three hours per week. *Six semester hours.*

Not given in 1940-41.

11-12. SEMINAR IN POLITICAL SCIENCE. Various problems in the field of political science 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 teacher 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, 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.*

5. EDUCATIONAL PSYCHOLOGY. 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

PROFESSOR SIBBALD, ASSOCIATE PROFESSOR CARTER

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; composition 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.

5-6. PUBLIC SPEAKING. The technique of play-writing and play-production. Two hours per week. *Four semester hours.*

### RELIGION

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. Second and third 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. Second and third years. Three hours per week. *Three semester hours.*

Courses 5, 6 and 9, 10 are given in alternate years. Courses 5, 6 will be given in 1940-41.

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. PHILOSOPHY OF RELIGION. A study of the nature and validity of religious beliefs, with particular reference to ideas of God, immortality, prayer, and the problem of evil. Third and fourth years. Three hours per week. *Three semester hours.*

11. FINE ARTS IN RELIGION. A study of the beginnings of art forms and their relation to early religious belief and practice; the significance of the arts in the development of the Christian church; the use of the fine arts in worship. Three hours per week. *Three semester hours.*

12. PRINCIPLES OF RELIGIOUS EDUCATION. A consideration of the theories underlying religious education, together with a study of aims and techniques. The organization and administration of the Sunday school, vacation church school, and week-day school of religion will be considered. Three hours per week. *Three semester hours.*

## SOCIOLOGY

MR. MILLER

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. Open only to third-year and fourth-year students. Three hours per week. *Six semester hours.*

## SPANISH

MR. WILCOX

In arranging his curriculum, every regular student must provide for meeting the following requirement: (a) six semester hours of the modern language offered for admission, provided the student passes a satisfactory achievement test at matriculation; or (b) twelve semester hours of the modern language offered for admission, if the

student has not passed a satisfactory achievement test at matriculation; or (c) twelve semester hours of a modern language begun in college.

1-2. BEGINNING SPANISH. (For those who begin Spanish in college, for those who have had one year of Spanish in high school, and for those who have had two years of Spanish in high school but who in the Freshmen achievement tests show an insufficient knowledge of Spanish.)

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. COMMERCIAL SPANISH. Study of business vocabulary, forms, and letters. Original commercial letters. Prerequisite, Spanish 3-4, or equivalent. Two hours per week. *Two semester hours.*

6. ADVANCED GRAMMAR AND COMPOSITION. Advanced treatment of Spanish grammar and syntax. Drill on modern idiomatic conversational forms. Original Spanish compositions. Prerequisite, Spanish 3-4, or equivalent. Two hours per week. *Two semester hours.*

7-8. SPANISH LITERATURE. 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 literary movements and their cultural background. Prerequisite, Spanish 3-4, or equivalent. Two hours per week. *Four semester hours.*

Courses 5 and 6 alternate with Course 7-8. Course 5 and 6 will be given in 1940-41.

## 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 subject 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.

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. 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. In determining the student's final standing in his class, the grade made in the comprehensive examination is given a weight of three-tenths, and the grades made in the semester examinations through the four years are given a weight of seven-tenths. 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 student's assumption 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. 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. With the permission of the Dean, a student in the Health and Physical Education Group may take each semester two semester hours more than the maximum set for the other Groups.

In arranging his curriculum, every regular student must provide for meeting the following requirement: (a) six semester hours of the modern language offered for admission, provided the student passes a satisfactory achievement test at matriculation; or (b) twelve semester hours of the modern language offered for admission, if the student has not passed a satisfactory achievement test at matriculation; or (c) twelve semester hours of a modern language begun in college.

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 (Psychology 1 or 2).
5. Three semester hours of philosophy.
6. Six semester hours of science with laboratory work.

7. Satisfactory completion of Course 101-2 in Physical Education by the end of the Second Year (not required of students in the Physical Education Group).

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 Health and 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 in the years in which they appear in the synopses.

## THE MATHEMATICS GROUP

<i>First Year</i>		<i>Second Year</i>	
MATHEMATICS 5, 6	(6)	MATHEMATICS 3, 4	(6)
MATHEMATICS 1a, 2a	(6)	PHYSICS 1-2	(8)
BIOLOGY A-B	(4)	Biology 3-4	(6)
ENGLISH COMP. 1-2	(6)	Chemistry 1-2	(6)
MODERN LANGUAGE	(6)	Education 1; 2	(3)
HISTORY 1-2	(6)	English Comp. 3-4	(6)
PHYSICAL ED. 101-2		English Lit. 3-4; 15, 16; 19,20	(4)
Biology (2)	(3)	French 5-6, 7-8	(4)
Economics 1, 2	(4)	German 3, 4; 5, 6	(6)
Foreign Language	(6)	Physical Ed. 101-2	
Music 1-2; 13-14	(6)	Political Science 1-2	(6)
Religion 1; 2	(3)	Psychology 1or 2	(3)
		Religion 1; 2	(3)
		Spanish 3-4	(6)
<i>Third Year</i>		<i>Fourth Year</i>	
MATHEMATICS 7-8 or 11-12	(4)	MATHEMATICS	(4)
MATHEMATICS 19, 20	(4)	MATHEMATICS	(4)
PSYCHOLOGY 1 or 2	(3)	PHILOSOPHY (any course)	(3)
Biology 3-4	(6)	Biology 11-2	(4)
Biology 11-12	(4)	Education 5; 6; 7; 10	(3)
Chemistry 3-4	(8)	English Comp. (any course)	
Economics 3-4	(6)	English Lit. (any course)	
Education 3; 4	(3)	French 5-6; 7-8; 9-10; 11-12	(4)
English Comp. (any course)		German 7, 8; 9, 10	(4)
English Lit. (any course)		German 11-12; 13-14	(4)
French 5-6; 7-8; 9-10; 11-12	(4)	History 3, 4; 5-6	(6)
German 7, 8; 9, 10	(4)	History 7-8; 9, 10	(6)
German 11-12; 13-14	(4)	Mathematics 13-14	(4)
History 3, 4; 5-6	(6)	Mathematics 15-16	(4)
History 7-8; 9, 10	(6)	Mathematics 23-24	(4)
Mathematics 13-14	(4)	Music 3-4; 13-14	(4)
Mathematics 15, 16	(4)	Philosophy 1; 2; 5; 6	(3)
Mathematics 23-24	(4)	Philosophy 3; 4	(2)
Music 3-4; 13-14	(4)	Philosophy 5; 6	(3)
Physics 3; 4; 5; 6	(4)	Philosophy 7-8	(6)
Political Science 3-4; 5-6; 7-8	(6)	Philosophy 9-10	(4)
Public Speaking 3, 4	(6)	Physics 7-8	(6)
Religion 5; 6; 9; 10	(3)	Political Science 5-6, 7-8	(6)
Sociology 1-2	(6)	Public Speaking 3, 4	(6)
Spanish 5, 6; 7-8	(4)	Religion 5, 6; 9, 10	(6)
		Sociology 1-2	(6)
		Spanish 5, 6; 7-8	(4)

# Groups of Courses

67

## THE CHEMISTRY-BIOLOGY GROUP

<i>First Year</i>		<i>Second Year</i>	
BIOLOGY 3-4 <i>or</i>	(6)	CHEMISTRY 1-2 and 14 <i>or</i>	(8)
CHEMISTRY 1-2 and 14	(8)	BIOLOGY 3-4	(6)
ENGLISH COMP. 1-2	(6)	HISTORY 1-2	(6)
MODERN LANGUAGE	(6)	PHYSICS 1-2	(8)
MATHEMATICS 3a, 4a	(10)		
PHYSICAL ED. 101-2		Chemistry 3-4	(8)
		Education 1; 2	(3)
Biology 2	(3)	English Comp. 3-4	(6)
Economics 1, 2	(4)	English Lit. 3-4; 15, 16; 19, 20	(4)
Foreign Language	(6)	French 5-6; 7-8	(4)
History 1-2	(6)	German 3, 4; 5, 6	(6)
Music 1-2; 13-14	(4)	Music 1-2; 13-14	(4)
Religion 1; 2	(3)	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 9-10 <i>or</i>		CHEMISTRY 7-8 <i>or</i>	
CHEMISTRY 3-4 <i>or</i> 5-6	(8)	BIOLOGY 9-10	(8)
PSYCHOLOGY 1 <i>or</i> 2	(3)	PHILOSOPHY (any course)	(3)
Biology 6	(3)	Biology 6	(3)
Biology 11-12	(4)	Biology 11-12	(4)
Chemistry 9-10	(4)	Biology 15-16	(8)
Economics 3-4	(6)	Chemistry 9-10	(4)
Education 3; 4; 12	(3)	Education 5; 6; 7; 12	(3)
English Comp. (any course)		English Comp. (any course)	
English Lit. (any course)		English Lit. (any course)	
French 5-6; 7-8; 9-10; 11-12	(4)	French 5-6; 7-8	(4)
German 7, 8; 9, 10	(4)	German 7, 8; 9, 10	(4)
History 3, 4; 5-6; 7-8; 9, 10	(6)	History 3, 4; 5-6; 7-8; 9, 10	(6)
Music 13-14	(4)	Philosophy 1; 2; 5; 6	(3)
Philosophy (any course)	(3)	Philosophy 3; 4	(2)
Physics 3; 4; 5; 6	(4)	Philosophy 5, 6; 7-8	(6)
Political Science 3-4; 5-6	(6)	Philosophy 9-10	(4)
Public Speaking 3, 4	(6)	Physics 5; 6	(4)
Religion 5; 6; 9; 10	(3)	Physics 7-8	(6)
Sociology 1-2	(6)	Political Science 5-6; 7-8	(6)
Spanish 5, 6; 7-8	(4)	Religion 5; 6; 9; 10	(3)
		Sociology 1-2	(6)

\*A student can satisfy the requirements in Science by completing at least 22 semester hours of Physics, provided that he complete also chemistry 1-2 and 14 the First Year; Chemistry 3-4 or 5-6 or 7-8 the Second Year; and Biology 3-4 the Third Year.

## 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 5-6, 3-4, <i>or</i> 7-8	(6)
MODERN LANGUAGE	(6)	Biology 3-4	(6)
LATIN A, B; 1, 2 <i>or</i>		Biology 6	(3)
MATHEMATICS 1-2*	(6)	Chemistry 1-2	(6)
PHYSICAL ED. 101-2		Education 1; 2	(3)
Biology 2	(3)	English Comp. 3-4	(6)
Economics 1, 2	(4)	English Lit. 3-4; 15, 16; 19, 20	(4)
Foreign Language	(6)	Foreign Language	(6)
Mathematics 3, 4	(6)	History 13, 14, 15, 16	(2)
Music 1, 2	(4)	Physics 1a-2a	(6)
Religion 1; 2	(3)	Psychology 1 <i>or</i> 2	(3)
		Religion 1; 2	(3)
 <i>Third Year</i>		 <i>Fourth Year</i>	
HISTORY 9-10 <i>or</i>		HISTORY 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	(3)
Biology 11-12	(4)	Biology 11-12	(4)
Economics 5; 6; 7; 8	(3)	Economics 5, 6; 7, 8; 9-10	(6)
Economics 9-10	(6)	Education 5; 6	(3)
Education 3, 4	(3)	English Comp. (any course)	
English Comp. (any course)		English Lit. (any course)	
English Lit. (any course)		History (any course)	
French 5, 6; 7-8; 9-10	(4)	Mathematics 15-16; 13-14	(4)
German 7-8; 9-10	(4)	Philosophy 1; 2; 5; 6	(3)
History (any course)		Philosophy 3; 4	(2)
Mathematics 13-14; 15-16	(4)	Philosophy 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 3-4	(6)	Public Speaking 3, 4	(6)
Religion 5; 6; 9; 10	(3)	Religion 5; 6; 9; 10	(3)
Sociology 1-2	(6)	Sociology 1-2	(6)
Spanish 5, 6; 7-8	(4)		

\*Prescribed for students credited with not more than 3 units of mathematics toward admission except those electing Latin.

# Groups of Courses

69

## 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)
MODERN LANGUAGE	(6)		
LATIN A, B; 1, 2 <i>or</i>		Biology 3-4	(6)
MATHEMATICS 1, 2*	(6)	Biology 6	(3)
HISTORY 1-2	(6)	Chemistry 1-2	(6)
PHYSICAL ED. 101-2		Education 1; 2	(3)
		English Comp. 3-4	(6)
Biology 2	(3)	English Lit. 15, 16; 19, 20	(4)
Economics 1, 2	(4)	French 3-4	(6)
Foreign Language	(6)	German 5, 6	(6)
Mathematics 3, 4	(6)	Political Science 1-2	(6)
Music 1-2; 13-14	(4)	Physics 1a-2a	(6)
Religion 1; 2	(3)	Psychology 1 <i>or</i> 2	(3)
		Religion 1; 2	(3)
		Spanish 3-4	(6)
 <i>Third Year</i>		 <i>Fourth Year</i>	
ENGLISH LIT. 5, 6	(4)	ENGLISH LIT. 5, 6	(4)
ENGLISH LIT. 15, 16 <i>or</i> 19-20	(4)	ENGLISH LIT. 15-16 <i>or</i> 19-20	(4)
PSYCHOLOGY 1 <i>or</i> 2	(3)	PHILOSOPHY (any course)	(3)
Biology 3-4	(6)	Biology 11-12	(4)
Biology 11-12	(4)	Education 5; 6	(3)
Chemistry 1-2	(6)	Education 7; 10	(3)
Education 3; 4	(3)	English Comp. (any course)	
Economics 3-4	(6)	English Lit. (any course)	
English Comp. (any course)		French 9-10; 11-12	(4)
English Lit. (any course)		German 7, 8; 9-10	(4)
French 5-6; 7-8; 9-10; 11-12	(4)	History (any course)	
German 7, 8; 9-10	(4)	Mathematics 13-14	(4)
History (any course)		Philosophy 1; 2; 5; 6	(3)
Philosophy (any course)	(3)	Philosophy 3; 4	(2)
Physics 1a-2a	(6)	Philosophy 7-8	(6)
Political Science 3-4; 5-6	(6)	Philosophy 9-10	(4)
Political Science 9-10	(6)	Political Science 5-6; 7-8	(6)
Public Speaking 3, 4	(6)	Religion 5; 6; 9; 10	(3)
Religion 5; 6; 9; 10	(3)	Sociology 1-2	(6)
Sociology 1-2	(6)		
Spanish 5, 6; 7-8	(4)		

\*Prescribed for students credited with not more than 3 units of mathematics toward admission except those electing Latin.

## THE MODERN LANGUAGES GROUP

<i>First Year</i>		<i>Second Year</i>	
FRENCH 1-2 or 3-4 or		FRENCH 3-4 or	(6)
GERMAN 1-2 or 5, 6 or		FRENCH 5-6 or 7-8	(4)
SPANISH 1-2 or 3-4	(6)	GERMAN 5, 6 or	(6)
ENGLISH COMP. 1-2	(6)	SPANISH 3-4	(6)
BIOLOGY A-B	(4)	HISTORY 1-2	(6)
LATIN A, B; 1, 2 or		Biology 3-4	(6)
MATHEMATICS 1, 2*	(6)	Biology 6	(3)
PHYSICAL ED. 101-2		Chemistry 1-2	(6)
Biology 2	(3)	Education 1; 2	(3)
Economics 1, 2	(4)	English Comp. 3-4	(6)
Foreign Language	(6)	English Lit. 3-4; 15, 16; 19, 20	(4)
History 1-2	(6)	Physics 1a-2a	(6)
Mathematics 5, 6	(6)	Political Science 1-2	(6)
Music 1-2; 13-14	(4)	Psychology 1 or 2	(3)
Religion 1; 2	(3)	Religion 1; 2	(3)
 <i>Third Year</i>		 <i>Fourth Year</i>	
GERMAN 7, 8 or 9-10		FRENCH 13-14	(4)
FRENCH 5-6 or 7-8 or		PHILOSOPHY (any course)	(3)
9-10 or 11-12 or	(4)	Education 5; 6; 7; 10	(3)
SPANISH 5, 6 or 7-8	(4)	English Comp. (any course)	
PSYCHOLOGY 1 or 2	(3)	English Lit. (any course)	
Economics 3-4	(6)	French 13-14	(4)
Education 3; 4	(3)	French 21	(3)
English Comp. (any course)		German 11-12; 13-14	(4)
English Lit. (any course)		German 21	(3)
German 11-12; 13-14	(4)	History (any course)	
History (any course)		Philosophy 1; 2; 5; 6	(3)
Music 3-4; 13-14	(4)	Philosophy 3; 4	(2)
Music 7, 8	(4)	Philosophy 7-8	(6)
Political Science 3-4; 5-6	(6)	Philosophy 9-10	(4)
Philosophy (any course)	(3)	Political Science 5-6; 7-8	(6)
Public Speaking 3, 4	(6)	Religion 5; 6; 9; 10	(3)
Religion 5; 6; 9; 10	(3)	Sociology 1-2	(6)
Sociology 1-2	(6)		

\*Prescribed for students credited with not more than 3 units of mathematics toward admission except those electing Latin.

## Groups of Courses

71

### 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)
MODERN LANGUAGE (6)	POLITICAL SCIENCE 1-2 (6)
LATIN A, B; 1, 2 <i>or</i>	
MATHEMATICS 1, 2* (6)	French 3-4 <i>or</i>
PHYSICAL ED. 101-2	German 5, 6 <i>or</i>
	Spanish 3-4 (6)
Economics 1, 2 (4)	Biology 3-4 (6)
Biology 2 (3)	Biology 6 (2)
Foreign Language (6)	Chemistry 1-2 (6)
History 1-2 (6)	Economics 11-12 (6)
Mathematics 3, 4 (6)	Education 1; 2 (3)
Music 1-2; 13-14 (4)	English Comp. 3-4 (6)
Religion 1; 2 (3)	English Lit. 3-4; 15, 16; 19, 20 (4)
	Mathematics, 3, 4 (6)
	Physics 1a-2a (6)
	Psychology 1 <i>or</i> 2 (3)
	Religion 1; 2 (3)
<i>Third Year</i>	<i>Fourth Year</i>
ECONOMICS 7, 8 (6)	ECONOMICS 9-10 (6)
ECONOMICS 11-12 (6)	ECONOMICS 15 (3)
POLITICAL SCIENCE 3-4 <i>or</i> 5-6 (6)	PHILOSOPHY (any course) (3)
PSYCHOLOGY 1 <i>or</i> 2 (3)	
Economics 5, 6 (6)	Economics 5, 6 (6)
Economics 9-10 (6)	Economics 17-18 (6)
Economics 15 (3)	Education 5; 6 (3)
Education 3; 4 (3)	Education 7; 10 (3)
English Comp. (any course) (6)	English Comp. (any course)
English Lit. (any course)	English Lit. (any course)
History (any course)	History (any course)
Mathematics 13-14 (4)	Mathematics 13-14; 15-16 (4)
Mathematics 15-16 (4)	Philosophy 1; 2; 3; 4 (3)
Music 3; 4; 13-14 (4)	Philosophy 3; 4 (2)
Philosophy (any course) (3)	Philosophy 7-8 (6)
Political Science 7-8 (6)	Philosophy 9-10 (4)
Public Speaking 3, 4 (6)	Political Science 5-6; 7-8; 9-10 (6)
Religion 5; 6; 9; 10 (3)	Public Speaking 3, 4 (6)
Sociology 1-2 (6)	Religion 5; 6; 9; 10 (3)
Spanish 5, 6; 7-8 (4)	Sociology 1-2 (6)

\*Prescribed for students credited with not more than 3 units of mathematics toward admission except those electing Latin.



## THE HEALTH AND PHYSICAL EDUCATION GROUP

<i>First Year</i>		<i>Second Year</i>	
BIOLOGY 2	(3)	CHEMISTRY 1-2	(6)
BIOLOGY 3	(3)	EDUCATION 1, 2	(6)
ENGLISH COMP. 1-2	(6)	HISTORY 1-2	(6)
MODERN LANGUAGE	(6)	PHYSICAL ED. 3	(2)
MATHEMATICS 1-2*	(6)	PHYSICAL ED. 14	(2)
PHYSICAL ED. 1	(2)	PHYSICAL ED. 16	(1)
PHYSICAL ED. 2	(2)	PHYSICAL ED. 203-4	(4)
PHYSICAL ED. 201-2	(4)	PSYCHOLOGY 2	(3)
Elective	(7)	Elective	(10)
<i>Third Year</i>		<i>Fourth Year</i>	
BIOLOGY 17-18	(4)	EDUCATION 5, 6	(6)
EDUCATION 3-4	(6)	PHILOSOPHY (any course)	(3)
PHYSICAL ED. 5	(2)	PHYSICAL ED. 9	(3)
PHYSICAL ED. 6	(2)	PHYSICAL ED. 10	(3)
PHYSICAL ED. 7-8	(4)	PHYSICAL ED. 19	(2)
PHYSICAL ED. 18	(1)	PHYSICAL ED. 20	(3)
PHYSICAL ED. 205-6	(4)	PHYSICAL ED. 22	(2)
SOCIOLOGY 1	(3)	PHYSICAL ED. 207-8	(4)
Elective	(10)	Elective	(8)

\*Prescribed for students credited with not more than 3 units of mathematics toward admission except those electing Latin.

## ADMINISTRATION

### GRADES OF SCHOLARSHIP

On the completion of a course the standing of a student is expressed, according to his proficiency, by one of 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 obtain 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, *Summa Cum Laude*, *Magna Cum Laude*, and *Cum Laude*, 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.

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 maintain a grade not lower than C in any course 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 must complete 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. At least twelve semester hours must be in the subject in which he is registered for Department Honors. He must 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 \$25 is awarded annually to the member of the Senior Class who has 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 ROBERT TRUCKSESS PRIZE

A prize of \$20 offered by Robert Trucksess, Esquire, of Norristown, Pennsylvania, is awarded annually at commencement to the member of the graduating class who has 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 has revealed superior ability 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 \$25 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 \$50 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 has 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 \$25 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 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 \$500 contributed by Mrs. Amos Dutterra of Taneytown, Maryland, to be awarded

to the student attaining the highest standing in the study of church history (Religion, Course 6).

#### THE URSINUS WOMEN'S CLUB PRIZE

A prize of \$20, offered by the Ursinus Women's Club is awarded at graduation to the young woman who has attained highest distinction in athletic sports.

#### THE URSINUS CIRCLE PRIZE

A prize of \$15 offered by the Ursinus Circle, is awarded at Commencement to the young woman who has 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 has won highest distinction in athletics. This medal is the gift of the President of the College.

#### THE INTRA-MURAL CHAMPIONSHIP AWARD

To promote competitive interest in intra-mural sports, the Athletic Council offers a trophy to the team that achieves the best record in these activities for the entire year.

## DEGREES

Ursinus College confers two degrees in course—those of Bachelor of Arts and Bachelor of Science. For specific requirements see pages 63-65. 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 HALL CHEMICAL SOCIETY, the JAMES M. ANDERS PRE-MEDICAL SOCIETY, the ENGLISH CLUB, the FRENCH CLUB, the GERMAN CLUB, the INTERNATIONAL RELATIONS CLUB, the MANUSCRIPT CLUB, and the PRE-LEGAL SOCIETY, 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.

### 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 to students and alumni as a record of life at Ursinus.

THE RUBY, published by the Senior Class, is a pictorial volume presenting an intimate view of the year's life, not only of the Class, but of the whole College.

### 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 who occupy rooms on the first, second, and third floors of the Brodbeck and Curtis dormitories; \$75 for those who reside in Clamer Hall, at 612 Main Street, and 944 Main Street; and \$25 for those who enter in September, 1939, and thereafter, and who reside in Shreiner Hall, South Hall, Sprankle Hall, The Maples, Glenwood, Lynnewood, and Fircroft. 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.

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 16, are as follows:



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

A fee of \$50, payable on or before November 16, is required of each student engaged in practice teaching.

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

A fee of \$3.50 is required of each student to cover the cost of *The Ruby*.

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

A charge of \$1 is made for the transcript of a student's record.

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 resident students are allowed a rebate 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 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.

#### FEES 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. An enrolled student must pay \$10 on or before April 24th of each year and \$50 on or before August 15th in order to reserve a place for the ensuing year. These payments are forfeited if the student fails to complete his registration.

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

	Resident Students	Day Students
At the opening of college . . . . .	\$337.50	\$175.00
On or before January 23 . . . . .	337.50	175.00

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.

No student who is indebted to the institution or to any of its departments or agencies will be permitted to register at

the beginning of any academic year, 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 offered by the Presser Foundation 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 a number of permanent scholarships. The income of each scholarship is assigned annually to a student designated 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, 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

## Scholarships

83

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 son, who died after a week's attendance at the 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 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

THE JOHN H. CONVERSE SCHOLARSHIP, founded by Mr. John H. Converse, of Philadelphia, 1,000

THE FREELAND G. HOBSON SCHOLARSHIP, founded under the will of Freeland G. Hobson, LL.D., '76, of Collegeville, 1,000

THE STAUFFER MEMORIAL SCHOLARSHIP, founded in memory of Rebert Ursinus and John Donald Stauffer, deceased children of the pastor, Rev. J. J. Stauffer, by gifts amounting to \$500 from the pastor and members of the Lykens Valley charge, and completed by a bequest of \$500 under the will of Mrs. Elizabeth Ritzman, Gratz, Pa.,	\$1,000
THE SPRANKLE SCHOLARSHIP, founded under the will of Samuel Sprankle, 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 E. 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 Collegeville for the higher education of women,	3,000
THE WILLIAM URSINUS HELFFERICH SCHOLARSHIP, founded by Christ Reformed Church, Bath, Pa., on the twenty-fifth anniversary of the ministry of their pastor,	1,250

## Scholarships

85

- 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, \$5,000
- 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, 1,625
- 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

THE ST. JOHN'S, ORWIGSBURG, SCHOLARSHIP, founded by the congregation of Saint John's Reformed Church, Orwigsburg, Pa., the Rev. R. D. 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,	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

## Scholarships

87

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 Collegeville, Pa.,	2,000
THE AARON E. MARCH SCHOLARSHIP, founded by Aaron E. March, of York, Pa.,	2,000
THE NERI F. AND SERENA J. PETERS SCHOLARSHIP, founded in memory of the Rev. and Mrs. Neri F. Peters by their children,	1,000
THE BARNABAS DEVITT SCHOLARSHIP, founded in memory of Barnabas Devitt, of Philadelphia, under the will of his wife, Emma M. Devitt,	1,000
THE ELSIE DEVITT SCHOLARSHIP, founded under the will of Emma M. Devitt, of Philadelphia,	1,000
THE EMMA MAYBERRY DEVITT SCHOLARSHIP, founded under the will of Mrs. Emma M. Devitt, Philadelphia,	1,000
THE MARY E. AND JAMES M. S. ISENBERG SCHOLARSHIP, founded by Paul H. Isenberg, '21, Lillian Isenberg Behney, '23, and Helen Isenberg Ballantyne, '24, in memory of their parents,	1,000
THE SARAH J. LEIPHART SCHOLARSHIPS, founded under the will of Mrs. Sarah J. Leiphart, of York, Pa.,	9,053
THE GEORGE A. WALKER SCHOLARSHIPS, founded under the will of George A. Walker, of Philadelphia, Pa.,	10,000
THE GEORGE LESLIE OMWAKE SCHOLARSHIPS, founded by Alumni and friends, as a memorial to the sixth President of Ursinus College,	12,500

### SCHOLARSHIPS

The College offers to each class at admission six Open Scholarships of \$300 each. Many endowed scholarships, varying in value from \$50 to \$200 a year, are available. Each scholarship is tenable for four years, provided that the holder's conduct and scholastic work remain satisfactory. All scholarships to first-year students are awarded on the basis of the results of competitive examinations held at the College. Correspondence regarding scholarships should be addressed to the Registrar.



Temporary scholarships in the amount of \$4,000 have been provided by the Board of Directors to aid students in financial need. These scholarships will be available in 1938-39. They will be awarded only to students of superior academic attainments and only in cases of unquestioned need.

#### APPLICATION FOR SCHOLARSHIPS

Scholarship application forms may be obtained from the Office of the Registrar. Candidates for scholarships must complete and submit a scholarship application form and an application for admission form. The regular pre-matriculation fee of \$10 must accompany the application. If a candidate fails to receive a scholarship award and, because of that fact, is unable to complete registration at Ursinus College, one-half of the pre-matriculation fee will be refunded upon request.

#### 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 obtain 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 J. H. A. Bomberger, President of Ursinus College, 1870-1890, 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 erection of Bomberger Hall was made possible by the benefactions of the late Robert Patterson. 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 work in psychology, education, mathematics and physics, the second floor to biology, and the third floor to chemistry. 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, and lounges.

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 and provides one large hall surrounded by book shelves, and equipped for reading and study. In the wings adjoining are seminar rooms, workroom, 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 World 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 and John B. Price Field. It is built of native brownstone, structural steel, and concrete. It contains a playing-floor, a gallery for spectators, locker rooms, shower rooms, 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 building. 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, 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 room, 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 rooms are spacious, well-lighted, and easy of access by means of fireproof stairways. They bear the names of esteemed 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 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.

612 MAIN STREET, next to Shreiner Hall, is a residence hall for fourteen women and a faculty family.

TRINITY COTTAGE, familiarly known as South Hall, is a residence for women located in Sixth Avenue. 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, FIRCROFT, CLAMER HALL, and 944 MAIN STREET are leased by the College and used as additional residence quarters for women.

LYNNEWOOD is a private residence hall for students located off campus but convenient to the College.

SPRANKLE HALL, on the east campus fronting Fifth Avenue, provides 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 Professor of French.

HIGHLAND HALL, 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 S. A. Eger, M.D., Class of 1925. It constitutes the entrance to the avenue leading to Freeland Hall.

#### THE COLLEGE LIBRARY

The College Library contains about thirty 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.

## LISTS OF STUDENTS

Abbreviations are used to designate residence halls as follows: Sh. H., Shreiner Hall; T. C., Trinity Cottage; Mp., The Maples; G., Glenwood; C. H., Clamer Hall; 612, 612 Main Street; 944, 944 Main Street; Sp., Sprinkle Hall; F. H., Freeland Hall; D. H., Derr Hall; S. H., Stine Hall; B. D., Brodbeck Dormitory; C. D., Curtis Dormitory; H. H., Highland Hall.

### THE MATHEMATICS GROUP

HARRY LAWRENCE ATKINSON.....	<i>Audubon, N. J.</i> .....	C. D. Audubon High School
MARY VIRGINIA BOSWELL.....	<i>Bristol</i> .....	Lynnewood Brown University
VELMA NORMA BRAKER.....	<i>Upper Darby</i> .....	T. C. Upper Darby High School
LORENA KNIGHT BRICK.....	<i>Medford, N. J.</i> .....	C. H. Mt. Holly High School
ELVA JANE BUCKINGHAM.....	<i>Franklinville, N. J.</i> .....	G. Clayton High School
DOROTHY GLADYS CHARLESWORTH.....	<i>Vineland, N. J.</i> .....	944 Vineland High School
ROBERT LEE COOKE, JR.....	<i>Newtown</i> .....	Collegeville George School
RAY FORREST DETWILER.....	<i>Rahns</i> .....	Rahns Schwenksville High School
ANABEL KERR GANSER.....	<i>Norristown, R. D.</i> .....	Sh. H. Norristown High School
JACK CLARK GIBSON.....	<i>Norristown, R. D.</i> .....	Norristown Norristown High School
FLORENCE HENDRICKS GOTTSHALL.....	<i>Royersford, R. D.</i> .....	Royersford Royersford High School
ROBERT WESLEY HASSELL.....	<i>Bridgeport</i> .....	Bridgeport Bridgeport High School
JANE DOWNING HICKS.....	<i>Spring City, R. D.</i> .....	Spring City Spring City High School
WALTER PHILLIPS HUGHES, JR.....	<i>Cape May, N. J.</i> .....	F. H. Bordentown Military Institute
FRANK KELSO HYATT, 2D.....	<i>Trenton, N. J.</i> .....	Collegeville Peddie Preparatory School
DONALD SEIZ JOHNSON.....	<i>Collegeville</i> .....	Collegeville Collegeville High School
KATHRYN INEZ KEELER.....	<i>Norristown</i> .....	Norristown Norristown High School
ANNA EMALINE KUTZ.....	<i>Bownmantown</i> .....	G, Palmerton High School
ROBERT THEODORE LUGINBUHL.....	<i>Malverne, L. I., N. Y.</i> .....	S. H. Malverne High School
JOAN SCOTT MAXWELL.....	<i>Norristown</i> .....	Norristown Norristown High School

## Lists of Students

95

JOHN McELHINNEY .....	<i>Philadelphia</i> .....	D. H.
Germantown High School		
DANIEL JOSEPH MCGOWEN.....	<i>Glenside</i> .....	S. H.
Cheltenham High School		
HUGH McLAUGHLIN, JR.....	<i>Cheltenham</i> .....	B. D.
Pennington Preparatory School		
FRANK SAMUEL MEADE, JR.....	<i>Lansdowne</i> .....	C. D.
Lansdowne High School		
ETHEL GRACE MOORE.....	<i>Pottstown</i> .....	Pottstown
Pottstown High School		
ELLIOTT GIFFORD PARKS, JR.....	<i>Linwood, N. J.</i> .....	H. H.
Pleasantville High School		
FRANCIS RONCACE.....	<i>Norristown</i> .....	Norristown
Norristown High School		
JEAN ELIZABETH ASHBRIDGE ROSS...	<i>Clayton, N. J.</i> .....	Sh. H.
Clayton High School		
BLANCHE BEATRICE SCHULTZ.....	<i>Collegeville</i> .....	Collegeville
Collegeville High School		
HARRY ERNEST SMITH.....	<i>Nesquehoning</i> .....	S. H.
Nesquehoning High School		
DOROTHY LOUISE STRAUSS.....	<i>Wilmington, Del.</i> .....	Sp. H.
Wilmington High School		
CHARLES REGINOLD WIDDICOMBE...	<i>Phoenixville</i> .....	B. D.
Phoenixville High School		

### CHEMISTRY-BIOLOGY GROUP

ROBERT DRIVER ADAMS.....	<i>Linwood, N. J.</i> .....	B. D.
Brown Preparatory School		
THOMAS JEFFERSON ADAMS.....	<i>York</i> .....	S. H.
William Penn Senior High School		
MARY ELIZABETH ALLEBACH.....	<i>Spring Mount</i> .....	Spring Mount
Collegeville High School		
FRANKLIN WILLIAM ANDREWS.....	<i>Overbrook Hills</i> .....	D. H.
Pennsylvania Military College		
JAMES PERSHING ARMSTRONG.....	<i>Kingston</i> .....	C. D.
Wyoming Seminary		
ROBERT KREDEL ARTERS.....	<i>Mont Clare</i> .....	Mont Clare
Phoenixville High School		
ROBERT LOUIS BAUER.....	<i>Chester</i> .....	H. H.
Chester High School		
GILBERT MATHERS BAYNE.....	<i>Audubon, N. J.</i> .....	C. D.
Audubon High School		
JOHN MILTON BEAR.....	<i>Hamburg</i> .....	D. H.
Hamburg High School		
FREDERICK T. BECKER.....	<i>Philadelphia</i> .....	S. H.
Germantown High School		



PHYLLIS MAY BEERS.....	<i>Allentown</i>	.....	612
Allentown High School			
EDWARD HENRY BENJAMIN, JR.....	<i>Chester</i>	.....	C. D.
Friends' Central School			
ALBERT BERMAN .....	<i>Red Hill</i>	.....	Red Hill
Temple University			
FREDERICK MOORE BINDER.....	<i>Pleasantville, N. J.</i>	.....	B. D.
Pleasantville High School			
JOHN G. W. BIRBECK.....	<i>Philadelphia</i>	.....	Collegeville
Northeast High School			
NICHOLAS JOSEPH BISCOTTE.....	<i>Bridgeport</i>	.....	Bridgeport
Bridgeport High School			
JOHN RUSSELL BISHOP.....	<i>Lansdale</i>	.....	Lansdale
Lansdale High School			
EDWARD DIAMENT BLACKMAN, JR.....	<i>Pitman, N. J.</i>	.....	S. H.
Pitman High School			
BERTHA LOUISE BLOOMER.....	<i>Phoenixville</i>	.....	Phoenixville
Phoenixville High School			
RICHARD HERMANN BORMANN.....	<i>Phoenixville</i>	.....	Phoenixville
Phoenixville High School			
HOMER WILSON BOYSEN.....	<i>Egg Harbor, N. J.</i>	.....	F. H.
Egg Harbor High School			
WALLACE SIEGFRIED BREY, JR.....	<i>Berwyn</i>	.....	Collegeville
Schwenksville High School			
CLARK SAYRE BROWN.....	<i>Wildwood, N. J.</i>	.....	C. D.
Wildwood High School			
ALBERT BURKUS .....	<i>Norristown, R. D.</i>	.....	Norristown
Norristown High School			
CHARLES WESLEY BURROUGHS.....	<i>Trenton, N. J.</i>	.....	C. D.
Trenton Central High School			
LUCIA CITTA .....	<i>Toms River, N. J.</i>	.....	T. C.
Toms River High School			
ROY ALEXANDER CLARK, JR.....	<i>Conshohocken</i>	.....	Conshohocken
Conshohocken High School			
JEAN ROBERTSON CLAWSON.....	<i>Collegeville</i>	.....	Collegeville
Collegeville High School			
WILLIAM FREDERICK CLEMSON.....	<i>Allentown</i>	.....	D. H.
South Whitehall High School			
BRYCE CLARK COCHRAN.....	<i>Glenside</i>	.....	F. H.
Abington High School			
HARRY COHEN .....	<i>Philadelphia</i>	.....	Norristown
West Philadelphia High School			
RUTH F. CONRAD.....	<i>Palm</i>	.....	Sh. H.
East Greenville High School			
JOHN FORREST CORNELY.....	<i>Saxton</i>	.....	D. H.
Saxton Liberty High School			

JACK JOSEPH COUGHLIN.....	<i>Easton</i> .....	H. H.
Mahanoy Township High School		
ARCHER PHLEGAR CROSLY, JR.....	<i>Wyncote</i> .....	D. H.
Cheltenham High School		
SUE MAE CROSS.....	<i>Drexel Hill</i> .....	Fircroft
Upper Darby High School		
MARGARET RUTH CROSSET.....	<i>Audubon, N. J.</i> .....	T. C.
Audubon High School		
DOROTHY VIRGINIA CULLEN.....	<i>Barre, Vt.</i> .....	T. C.
Schwenksville (Pa.) High School		
EDWARD WILSON DAVIS.....	<i>Norristown, R. D.</i> .....	Norristown
Norristown High School		
JEAN AUDREY DECKARD.....	<i>Lancaster</i> .....	Mp.
Lancaster High School		
LEWIS CHARLES DENGLE.....	<i>Devon</i> .....	D. H.
Pottstown High School		
CHARLES V. DENNEY, JR.....	<i>Washington, D. C.</i> .....	S. H.
Upper Darby High School		
HELEN LOUISE DERR.....	<i>Lancaster</i> .....	Fircroft
Lancaster High School		
RAYMOND W. J. DILLIPLANE.....	<i>Pottstown</i> .....	Pottstown
Pottstown High School		
HELEN J. DiMEDIO.....	<i>Chester</i> .....	C. H.
Nether Providence High School		
MARY T. DiMEDIO.....	<i>Chester</i> .....	C. H.
Goucher College		
JOHN EDWARDS, JR.....	<i>Lansdale</i> .....	C. D.
Lansdale High School		
FRANK HENDERSON ELLERS.....	<i>Springfield</i> .....	H. H.
Ridley Park High School		
RICHARD GEORGE ELLIS.....	<i>Audubon, N. J.</i> .....	F. H.
Audubon High School		
ROSALIND HELEN ELTING.....	<i>Trenton, N. J.</i> .....	Sp. H.
Trenton Central High School		
MARIAN FRANCES FEGLEY.....	<i>Mont Clare</i> .....	Mont Clare
Phoenixville High School		
LEROY KENNETH FISHER.....	<i>Conshohocken</i> .....	B. D.
West Conshohocken High School		
RICHARD NORMAN FROHNER.....	<i>Philadelphia</i> .....	S. H.
Northeast High School		
RICHARD CONRAD GERHART.....	<i>East Greenville</i> .....	East Greenville
East Greenville High School		
IRVIN MAYO GERSON.....	<i>Elkins Park</i> .....	B. D.
Cheltenham High School		
ALICE ARNOLD GLANCY.....	<i>Brookline</i> .....	Sp. H.
Haverford High School		

JOHN GRATER GOTWALS.....	<i>Phoenixville</i>	B. D.
Pennington School		
ALBERT JACOB GRANT.....	<i>Chester</i>	F. H.
Chester High School		
VALERIE HADDEN GREEN.....	<i>Brooklawn, N. J.</i>	Sh. H.
Gloucester City High School		
EDITH AMINA HANSEN.....	<i>Fishers Island, N. Y.</i>	G.
Fishers Island High School		
JOSEPH HARRISON, JR.....	<i>Norristown</i>	B. D.
Franklin and Marshall Academy		
ETHEL ELIZABETH HEINAMAN.....	<i>Lancaster</i>	M. P.
Lancaster High School		
ALFRED HEWISH, JR.....	<i>Philadelphia</i>	F. H.
Northeast High School		
ROBERTA M. HIGH.....	<i>Perkasie</i>	Lynnwood
Sellersville-Perkasie High School		
CONSTANCE HOLDEN.....	<i>Merion</i>	612
Lower Merion Senior High School		
KENNETH ELBERT HOOPES.....	<i>York</i>	B. D.
William Penn Senior High School		
CONSTANCE RUTH HOPKINS.....	<i>Audubon, N. J.</i>	T. C.
Audubon High School		
RUSSELL WHEELER HUCKEL..	<i>New York, N. Y.</i>	B. D.
Ambler High School		
LLEWELLYN WILLIAM HUNSICKER..	<i>Haddon Heights, N. J.</i>	B. D.
Haddon Heights High School		
DAVID CARNELL INGERSOLL.....	<i>Wildwood, N. J.</i>	C. D.
Wildwood High School		
JOSEPH WOOD INGHAM, 3D.....	<i>Audubon, N. J.</i>	C. D.
Audubon High School		
PHILIP MUSSER IREY, JR.....	<i>Danville</i>	F. H.
Danville High School		
WILLIAM BRENDEL JONES, JR.....	<i>Germantown</i>	F. H.
University of Pennsylvania		
RALPH LEON JOWETT.....	<i>Norristown</i>	Norristown
Norristown High School		
FELIX E. KARPINSKI, JR.....	<i>Philadelphia</i>	C. D.
Northeast High School		
WILLIAM M. KEAGLE.....	<i>Hatfield, R. D.</i>	B. D.
Hatfield High School		
EMILY MARY KEHOE.....	<i>Berwyn</i>	G.
Tredyffrin-Easttown High School		
LAURA EVELYN KEYSER.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
DANIEL WILKINS KIRKPATRICK.....	<i>Conshohocken</i>	B. D.
Conshohocken High School		

## Lists of Students

99

MARTIN M. KOHN .....	<i>Norristown</i> .....	Norristown
Norristown High School		
MARION KOTKO .....	<i>Freehold, N. J.</i> .....	T. C.
Freehold High School		
DOROTHY FRANCES KRUSEN.....	<i>Norristown</i> .....	Sh. H.
Norristown High School		
ROBERT HAROLD LANDIS.....	<i>Wyncote</i> .....	B. D.
Cheltenham High School		
NANCY JANE LEFEVRE.....	<i>Lancaster</i> .....	944
St. Joseph's High School, Md.		
ROBERT LESTER LERCH.....	<i>Bath</i> .....	D. H.
Nazareth High School		
EDMUND CURTIS LEUALLEN.....	<i>Cape May Court House, N. J.</i>	D. H.
Middle Township High School		
FRANK A. LIPPI, JR.....	<i>Philadelphia</i> .....	B. D.
Northeast High School		
JOSEPH LOBBY .....	<i>South Plainfield, N. J.</i> .....	S. H.
North Plainfield High School		
JANET MARIE LOMAN.....	<i>Drexel Hill</i> .....	C. H.
Upper Darby High School		
MARY ALICE LORD.....	<i>Glenside</i> .....	G.
Abington High School		
WILLIAM LEO LUNDRÉN.....	<i>Audubon, N. J.</i> .....	C. D.
Friends' Central School		
JAMES C. LYONS, JR.....	<i>Ridley Park</i> .....	B. D.
Ridley Park High School		
WILLIAM H. MACDADE, JR.....	<i>Phoenixville</i> .....	Phoenixville
Phoenixville High School		
HUBERT MACGEORGE .....	<i>Camden, N. J.</i> .....	B. D.
Friends' Select School		
WILLIAM THOMAS MAGUIRE.....	<i>Trenton, N. J.</i> .....	H. H.
Hamilton High School		
JOHN WARREN MANNING, 3D.....	<i>Philadelphia</i> .....	S. H.
Overbrook High School		
JOHN GEORGE MAURER.....	<i>Philadelphia</i> .....	S. H.
Overbrook High School		
EDWARD S. MAYKUT.....	<i>Collegeville, R. D.</i> ...	Collegeville
Collegeville High School		
JOHN DUDLEY MCALLISTER.....	<i>Audubon, N. J.</i> .....	B. D.
Audubon High School		
ROBERT M. MCALLISTER.....	<i>Yeadon</i> .....	S. H.
Yeadon High School		
WILLIAM JOHN MCALLISTER.....	<i>Philadelphia</i> .....	F. H.
Northeast High School		
ROBERT HYATT MCCONNELL.....	<i>Elmhurst, Del.</i> .....	C. D.
Henry C. Conrad High School		

FRANKLYN DAVID MILLER.....	<i>Hazleton</i> .....	D. H.
Hazleton High School		
GEORGE EDWIN MILLER.....	<i>Souderton</i> .....	S. H.
Souderton High School		
CHARLES B. MITCHELL.....	<i>Germantown</i> .....	D. H.
Germantown High School		
DORIS NICE MORGAN.....	<i>Pottsville</i> .....	612
Pottsville High School		
FRANKLIN ELWOOD MORRIS.....	<i>Phoenixville</i> .....	B. D.
Phoenixville High School		
EVAN RUSSELL MORROW.....	<i>Glenolden</i> .....	H. H.
Glen-Nor High School		
WILLIAM JAMES MUSICK.....	<i>Bath</i> .....	D. H.
Northampton High School		
SUE BARBARA NELSON.....	<i>Philadelphia</i> .....	C. H.
Overbrook High School		
LEON LEVI NORTH, JR.....	<i>Glenside</i> .....	F. H.
Abington High School		
ROBERT H. NULL.....	<i>Philadelphia</i> .....	B. D.
Central High School		
ESTHER REIMAN OBERHOLTZER.....	<i>Norristown</i> .....	Norristown
Norristown High School		
THOMAS PASTRAS .....	<i>Camden, N. J.</i> .....	C. D.
Camden High School		
BENJAMIN STRAWBRIDGE PERKINS.....	<i>Conshohocken</i> .....	B. D.
Lower Merion High School		
MARY ELLEN PETERSON.....	<i>Port Norris, N. J.</i> .....	Norristown
Norristown High School		
JOSEPH SALVATORE PULEO.....	<i>Norristown</i> .....	Norristown
Norristown High School		
REGINALD JAMES RABAN.....	<i>Audubon, N. J.</i> .....	C. D.
Friends' Central School		
WELDON WESLEY RAGSDALE.....	<i>Oxford</i> .....	C. D.
Oxford High School		
ROBERT RAPP .....	<i>Reading</i> .....	B. D.
Reading High School		
ELWOOD JONATHAN REBER.....	<i>Mohrsville</i> .....	B. D.
Perry Township High School		
GERALDINE REED .....	<i>Kirklyn</i> .....	Mp.
Yeadon High School		
DAVID H. REINERT.....	<i>Norristown</i> .....	Norristown
Dickinson College		
JOHN HARVEY REX, JR.....	<i>Norristown</i> .....	Norristown
Norristown High School		
NAOMI AGNES RICHTER.....	<i>S. Ardmore</i> .....	G.
Haverford Township High School		

## Lists of Students

101

RALPH ALFRED RITROVATO .....	<i>Bridgeport</i>	.....	Bridgeport Bridgeport High School
HELEN EMMA ROGALINSKI.....	<i>North Bergen, N. J.</i>	.....	C. H. Cliffside Park High School
DOUGLAS TROUT SCHEFFEY.....	<i>Pottstown</i>	.....	Pottstown Pottstown High School
DOROTHY WINTER SCHLEINKOFER...	<i>Atco, N. J.</i>	.....	612 Haddonfield High School
THERON KEENAN SCHLOTTERER.....	<i>Phoenixville</i>	.....	B. D. Phoenixville High School
ERNEST C. SCHULTZ.....	<i>Collegeville</i>	.....	Collegeville Collegeville High School
FRANK WESLEY SCOTT.....	<i>Philadelphia</i>	.....	C. D. West Philadelphia High School
LESLIE FLEMING SHAW.....	<i>Norristown</i>	.....	Norristown Juniata College
NICKOLAS THOMAS SHISSIAS.....	<i>Camden, N. J.</i>	.....	C. D. Camden High School
MYRA SHLANTA .....	<i>Stroudsburg</i>	.....	T. C. Elizabethtown College
RICHARD GEORGE SHOEMAKER, 3D...	<i>Hempstead, N. Y.</i>	.....	D. H. Hempstead High School
JOHN E. S. SHUTTLEWORTH.....	<i>Avalon, N. J.</i>	.....	D. H. Middle Township High School
WINFIELD SCOTT SMITH, 3D.....	<i>Philadelphia</i>	.....	B. D. Olney High School
LUKE MATTHEW SNYDER.....	<i>Leesport</i>	.....	B. D. Ontelaunee Vocational School
WILLARD MONROE SNYDER.....	<i>Lehighton, R. D.</i>	.....	F. H. Lehighton High School
SARA ROLLISON SOWER.....	<i>Spring City</i>	.....	Spring City Spring City High School
ACQUILLA ELISSA STETTENBENZ.....	<i>Snyder, N. Y.</i>	.....	Sh. H. Amherst Central High School
ELIZABETH EMMA STEVENSON.....	<i>Norristown</i>	.....	Norristown Norristown High School
JAMES HAROLD TIPPETT.....	<i>Kingston</i>	.....	B. D. Wyoming Seminary
ALBIN PETER TKACZ.....	<i>Crum Lynne</i>	.....	C. D. Ridley Township High School
ELSIE ELIZABETH TOLBERT.....	<i>Merchantville, N. J.</i>	.....	Mp. Merchantville High School
WILLIAM FOX TOMLINSON.....	<i>Salem, N. J.</i>	.....	Trappe Salem High School
WALTER GEY VERNON, JR.....	<i>Prospect Park</i>	.....	F. H. Prospect Park High School

SHERWOOD REILLY WADSWORTH.....	<i>Washington Mills, N. Y.</i> .....	H. H.
New Hartford High School		
EMILY LOUISE WAGNER.....	<i>Reading</i> .....	612
Reading High School		
JOHN WALICHUCK .....	<i>Leiperville</i> .....	C. D.
Ridley Park High School		
ROBERT JOHN WEIDENHAMMER.....	<i>Reading</i> .....	B. D.
Reading High School		
THEODORE FREDERICK WEILAND, JR.. <i>Phoenixville</i> .....		B. D.
Phoenixville High School		
WILMA ELAINE WEISGERBER.....	<i>Lancaster</i> .....	Fircroft
Lancaster High School		
ROY ALLEN WENHOLD.....	<i>East Greenville</i> .....	D. H.
East Greenville High School		
NATHANIEL WM. WINKELMAN, JR.. <i>Philadelphia</i> .....		C. D.
Friends' Select School		
H. JOHN WITMAN, JR.....	<i>Freehold, N. J.</i> .....	C. D.
Freehold High School		
CHARLOTTE MERTZ WITMER.....	<i>Trappe</i> .....	Trappe
Collegeville High School		
ROBERT WORTHING .....	<i>Merrick, N. Y.</i> .....	D. H.
Baldwin High School		
MORRIS LEROY YODER, JR.....	<i>Glenolden</i> .....	S. H.
Glen-Nor High School		
KATHLEEN MOUNTZ ZELLER.....	<i>Highspire</i> .....	Sp. H.
Highspire High School		
ALBERT J. ZVARICK.....	<i>Collegeville, R.D.</i> ....	Collegeville
Collegeville High School		

## HISTORY-SOCIAL SCIENCE GROUP

DOROTHY BRUMBACH ADAMS.....	<i>Esterly</i> .....	612
Reading High School		
GARNET OLIVER ADAMS.....	<i>Mahanoy City</i> .....	D. H.
Mahanoy City High School		
HELEN BRUMBACH ADAMS.....	<i>Esterly</i> .....	Sh. H.
Reading High School		
KARL ENGEL AGAN, JR.....	<i>Chester</i> .....	C. D.
Chester High School		
MARK DAVIDSON ALSPACH.....	<i>Lancaster</i> .....	B. D.
Lancaster High School		
RICHARD WOLFE ARNOLD.....	<i>Glenside</i> .....	D. H.
Abington High School		
VIRGINIA HOPE ASHENFELTER.....	<i>Mansfield</i> .....	Jeffersonville
Norristown High School		
NICHOLAS THOMAS BARRY.....	<i>Ambler</i> .....	B. D.
Ambler High School		

## Lists of Students

103

FLORENCE CAROLINE BECHTEL.....	<i>Collegeville</i> .....	Collegeville Collegeville High School
LAURENCE T. BEERS.....	<i>North Wales</i> .....	North Wales Eastern Baptist Theological Seminary
KENNETH ERNST BISHOP.....	<i>York</i> .....	B. D. University of Virginia
CHARLES BLUM .....	<i>New York, N. Y.</i> .....	S. H. Benjamin Franklin High School
CHARLES THEODORE BONOS, JR.....	<i>Easton</i> .....	B. D. Easton High School
GRACE IRENE BRANDT.....	<i>Philadelphia</i> .....	Fircroft Olney High School
DOROTHY MARIE BROSZ.....	<i>Collegeville, R.D.</i> .....	Collegeville Collegeville High School
ELAINE CONWAY BROWN.....	<i>Clifton Heights</i> .....	Fircroft Clifton Heights High School
JOHN HENRY BURKHALTER, 2D.....	<i>Pennington, R. D., N. J.</i> ....	B. D. Pennington School
MARION LEAH BYRON.....	<i>Elkins Park</i> .....	Mp. Cheltenham High School
NORMAN MATTOCK CALLAHAN, JR....	<i>Merchantville, N. J.</i> .....	C. D. Moorestown High School
DOROTHY ELIZABETH CAMPBELL....	<i>Yeadon</i> .....	G. Yeadon High School
CHARLES STANLEY CASSEL.....	<i>Perkasie</i> .....	F. H. Sellersville-Perkasie High School
WALTER RUSSELL CHALK.....	<i>Philadelphia</i> .....	B. D. Simon Gratz High School
DOROTHY HARRIET CHAMBERS.....	<i>Atlantic City, N. J.</i> .....	C. H. Atlantic City High School
JOSEPH DURRELL CHAPLINE, JR....	<i>Philadelphia</i> .....	Philadelphia Drexel Institute of Technology
DORIS REBECCA CHEW.....	<i>Bridgeton, N. J.</i> .....	Lynnewood Bridgeton High School
FREDERICK GARFIELD CLARK.....	<i>Ridley Park</i> .....	F. H. Ridley Park High School
DOUGLAS ARTHUR CRONE.....	<i>York</i> .....	B. D. William Penn Senior High School
FRANK JUDSON CURTIS, JR.....	<i>Essington</i> .....	F. H. Ridley Park High School
EDWARD DILLWYN DARLINGTON....	<i>Doylestown</i> .....	S. H. Doylestown High School
FRANCIS R. DAUGHERTY.....	<i>Red Hill</i> .....	Red Hill Pennsburgh High School
JAMES DOUGLAS DAVIS.....	<i>Pottstown</i> .....	F. H. Pottstown High School



LAWRENCE KENNETH DAVIS.....	<i>Graterford</i> .....	Graterford Langley High School, Pittsburgh
KENNETH EUGENE DEARDORFF.....	<i>York</i> .....	B. D. William Penn Senior High School
RICHARD PRICE DEITZLER.....	<i>Lebanon</i> .....	C. D. Lebanon High School
JOHN WILLIAM DITTER, JR.....	<i>Ambler</i> .....	D. H. Ambler High School
JEAN KLAUGER DORNSIFE.....	<i>Easton</i> .....	Sp. H. Easton High School
JOSEPH GLEDHILL DUBUQUE.....	<i>Norristown</i> .....	Norristown Norristown High School
HERMANN FREDERICK EILTS.....	<i>Scranton</i> .....	F. H. Central High School
STANTON WEINER FELT.....	<i>Norristown</i> .....	Norristown Norristown High School
GEORGE W. FERGUSON.....	<i>Philadelphia</i> .....	C. D. Brown Preparatory School
EDMUND EARL FORD.....	<i>Doylestown</i> .....	B. D. Womelsdorf High School
ELEANOR HAVORD FRORER.....	<i>Wayne</i> .....	C. H. Friends Central School
JOHN CHARLES GARLOCK.....	<i>Syracuse, N. Y.</i> .....	S. H. Wyoming Seminary
RICHARD RODDA GAY.....	<i>Phoenixville</i> .....	Phoenixville Phoenixville High School
CHARLES E. GRAVER.....	<i>Bath</i> .....	D. H. Northampton High School
GRACEMARY GREENE .....	<i>Reading</i> .....	Collegeville Reading High School
CATHERINE EMMALINE HAHN.....	<i>Bath</i> .....	C. H. Nazareth High School
ERIC BUZBY HALLMAN, JR.....	<i>Lafayette Hill</i> .....	Lafayette Hill Chestnut Hill Academy
ERNEST BAKER HAMPTON.....	<i>Avon-by-the-Sea, N. J.</i> .....	B. D. Massanutten Academy
SAMUEL ROBERT HART.....	<i>Norristown</i> .....	Norristown Norristown High School
RICHARD ZIEGLER HARTRANFT.....	<i>Leola</i> .....	S. H. Upper Leacock High School
ATTSO HASHIZUME .....	<i>Ventnor, N. J.</i> .....	B. D. Atlantic City High School
WILLIAM FREDERICK HEEFNER.....	<i>Perkasie</i> .....	B. D. Sellersville-Perkasie High School
EDGAR ELWOOD HELLER.....	<i>Bloomsburg</i> .....	B. D. Bloomsburg High School

## Lists of Students

105

DENTON ALFRED HERBER.....	<i>Lebanon</i> .....	B. D.
Lebanon High School		
ELEANOR EMMA HESSMER.....	<i>Jersey City, N. J.</i> .....	612
Edgewood Park Junior College		
ROY HARRY HEYEN.....	<i>Lynbrook, L. I., N. Y.</i> .....	B. D.
Cheltenham High School		
MARY ELLEN HILLEGASS.....	<i>Telford</i> .....	Sh. H.
Souderton High School		
RUTH BAKER HOKE.....	<i>York</i> .....	Fircroft
William Penn Senior High School		
JOHN RICHARD HORSFALL.....	<i>Swedeland</i> .....	Swedeland
Upper Merion High School		
ALBERT SPENCE HUTCHINSON.....	<i>Atlantic City, N. J.</i> .....	C. D.
Atlantic City High School		
HARMAN VAUGHN JONES.....	<i>Philadelphia</i> .....	C. D.
William Penn Charter School		
ROBERT ERNEST KEEHN, JR.....	<i>Philadelphia</i> .....	C. D.
Brown Preparatory School		
HILDA BERTHA KITZMAN.....	<i>Scranton</i> .....	Sh. H.
Central High School		
EDWARD KARL KNETTLER.....	<i>Philadelphia</i> .....	D. H.
Central High School		
WILMER EARL KNIGHT, JR.....	<i>Sanatoga</i> .....	Sanatoga
Pottstown High School		
THADDEUS CHESTER KULPINSKI.....	<i>Philadelphia</i> .....	B. D.
Brown Preparatory School		
ROLLIN MANLEY LAWRENCE.....	<i>Quakertown, R. D.</i> .....	Collegeville
Quakertown High School		
DALE THOMAS LEWIN.....	<i>Catasauqua</i> .....	Collegeville
Catasauqua High School		
RUTH LOUISE LUDWIG.....	<i>Philadelphia</i> .....	Mp.
West Philadelphia High School		
WILMA BETTY MACCREADY.....	<i>Colmar</i> .....	Lynnwood
Hatfield High School		
DONALD BRUCE MACKENZIE.....	<i>Eddington</i> .....	F. H.
Perkiomen Preparatory School		
GWENDOLYN MACMURRAY.....	<i>Cheltenham</i> .....	G.
Cheltenham High School		
HOWARD WILBUR MARSH.....	<i>Morrisville</i> .....	Collegeville
Robert Morris High School		
EDWIN LOUIS MCCAUSLAND.....	<i>Lansdowne</i> .....	F. H.
Lansdowne High School		
WALTER FERNLEY MCCURDY.....	<i>Pottstown</i> .....	Pottstown
Pottstown High School		

ROBERT DONALD MELSON.....	<i>Haddonfield, N. J.</i>	F. H.
Haddonfield High School		
CLARK DILL MOORE.....	<i>Fort Washington</i>	F. H.
Cheltenham High School		
PAUL LANDIS MORRIS, JR.....	<i>Pottstown, R. D.</i>	Pottstown
The Hill School		
RUTH NAOMI MOSER.....	<i>Philadelphia</i>	T. C.
Olney High School		
RALPH A. MOYER, JR.....	<i>Pottstown</i>	Pottstown
Pottstown High School		
ERNEST PAUL MULLER.....	<i>Brooklyn, N. Y.</i>	D. H.
Pennington Preparatory School		
CHARLES EDWARD MULLIGAN.....	<i>Freehold, R. D., N. J.</i>	C. D.
Freehold High School		
RUTH FLORENCE NOBLE.....	<i>Hollis, N. Y.</i>	Lynnewood
Jamaica High School		
JANE KENDRICK PAKENHAM.....	<i>Hollis, N. Y.</i>	Lynnewood
Jamaica High School		
WALTER PHIPPS, JR.....	<i>Conshohocken</i>	S. H.
Conshohocken High School		
JOHN FRANKLIN RAUHAUSER, JR.....	<i>York</i>	C. D.
William Penn Senior High School		
CATHERINE SMITH RICHARD.....	<i>Zieglerville</i>	Zieglerville
Schwenksville High School		
MARY STROCK ROBBINS.....	<i>Bridgeton, N. J.</i>	Sh. H.
Bridgeton High School		
CARL SANTORO.....	<i>Norristown, R. D.</i>	Norristown
Norristown High School		
MARY LORRAINE SEIBERT.....	<i>Minersville</i>	G.
Branch Township High School		
WILLIAM JOHN SELFRIDGE, JR.....	<i>Pitman, N. J.</i>	C. D.
Pitman High School		
MARIAN ELIZABETH SHEARER.....	<i>Philadelphia</i>	C. D.
Friends' Central School		
VIRGINIA SHIRTZ.....	<i>Drexel Hill</i>	Sp. H.
Upper Darby High School		
DOROTHY KINSEY SHISLER.....	<i>Lansdale</i>	Sh. H.
Lansdale High School		
GEORGE FRED SHUSTER.....	<i>Elkins Park</i>	C. D.
Cheltenham High School		
EVA JUNE SMITH.....	<i>Birdsboro</i>	G.
Birdsboro High School		
CHARLES KENNETH SNYDER.....	<i>Brooklyn, N. Y.</i>	D. H.
Pennington School		
ROY CLARK SNYDER.....	<i>Bethlehem</i>	D. H.
Bethlehem High School		

## Lists of Students

107

WILLIAM DAVID SNYDER.....	<i>Red Lion</i>	B. D.
Red Lion High School		
MURIEL LEONA SOLOMON.....	<i>Staten Island, N. Y.</i>	Mp.
Notre Dame Academy		
GEORGE SHAFFER SPOHN.....	<i>Rahns</i>	B. D.
Hatfield High School		
SHIRLEY MARIE STAPLES.....	<i>Philadelphia</i>	612
Germantown High School		
GEORGE HENRY STEEN.....	<i>Brooklyn, N. Y.</i>	F. H.
Hamilton High School		
JOYCE FILLMAN STUDENMUND.....	<i>Philadelphia</i>	Collegeville
Simon Gratz High School		
JOHN OTTO TAXIS.....	<i>Huntingdon Valley</i>	B. D.
Pennington School		
DOROTHY ANNAMAE THOMAS.....	<i>Malvern, R. D.</i>	612
Tredyffrin-Easttown High School		
MILDRED ANNA TRACY.....	<i>Jackson Heights</i>	612
Newtown High School		
VICTOR D. S. TROXELL.....	<i>Swarthmore</i>	B. D.
Swarthmore High School		
MARY ALICE WEAVER.....	<i>Bethlehem</i>	944
Liberty High School		
JEAN LOUISE WEBB.....	<i>Fawn Grove</i>	612
Fawn Township Vocational High School		
JOHN BUTTERWORTH WISE.....	<i>Philadelphia</i>	C. D.
Brown Preparatory School		
PAUL LANDIS WISE.....	<i>Philadelphia</i>	C. D.
Brown Preparatory School		
ELI FRY WISMER, JR.....	<i>Pottstown, R. D.</i>	Pottstown
Pottstown High School		
FRANK ARCTURUS WOOD, JR.....	<i>Conshohocken</i>	C. D.
Conshohocken High School		
LEE ODIS WORTHING.....	<i>Saxton</i>	H. H.
Saxton-Liberty High School		
JOHN EDWIN YEOMANS.....	<i>West Collingswood, N. J.</i>	B. D.
Collingswood High School		
STELLA JOSEPHINE ZAPOTOCKI.....	<i>Bethlehem</i>	G.
University of Michigan		
JAMES FAULKNER ZEIGLER.....	<i>Philadelphia</i>	C. D.
Lower Merion High School		
MATTHEW RALPH ZESKI.....	<i>Little Falls, N. Y.</i>	C. D.
Little Falls High School		
ALBRIGHT GRAVENOR ZIMMERMAN.....	<i>Philadelphia</i>	S. H.
Pennington School		

## THE ENGLISH GROUP

EDRA MARGARET ALLANSON.....	<i>Glenside</i>	.....	944
Wellesley College			
MARNA JANE ALLEN.....	<i>Tamaqua</i>	.....	Mp.
Tamaqua High School			
SHIRLEY MAE ANDERSON.....	<i>Sharon Hill</i>	.....	Fircroft
Sharon Hill High School			
KATHRYN MARY ATKINSON.....	<i>Short Hills, N. J.</i>	.....	C. H.
Millburn High School			
EDITH MARIE BAADER.....	<i>North Bergen, N. J.</i>	.....	C. H.
Cliffside Park High School			
EMILY ELIZABETH BALDWIN.....	<i>Norristown</i>	.....	T. C.
Norristown High School			
MARION EDITH BEAMENDERFER....	<i>York</i>	.....	Mp.
William Penn Senior High School			
MARJORIE WILMA BELL.....	<i>Allentown</i>	.....	T. C.
South Whitehall High School			
HELENE EMILIE BERGER.....	<i>Hatfield</i>	.....	944
Hatfield High School			
RUTH R. BETHMANN.....	<i>Royersford</i>	.....	Royersford
Royersford High School			
JOSEPH LAURENCE BOLGER.....	<i>Philadelphia</i>	.....	F. H.
St. John's High School			
MARGARET KLAUDER BROWN.....	<i>Pottstown</i>	.....	Pottstown
North Coventry High School			
KATHRYN EMERY BUSH.....	<i>Royersford</i>	.....	Fircroft
Royersford High School			
MARY HUNTER CLARK.....	<i>Philadelphia</i>	.....	Sp. H.
Olney High School			
ELIZABETH DAKAY.....	<i>Ardsley</i>	.....	G.
Abington High School			
DOROTHEA DIEBOLD DEININGER....	<i>Glenolden</i>	.....	Sp. H.
Glen-Nor High School			
ROBERT EDWARD DIETZ.....	<i>Mt. Carmel</i>	.....	D. H.
Mt. Carmel High School			
AGNES JUNE DONAHUE.....	<i>Trappe</i>	.....	Trappe
Collegeville High School			
EVELYN MARION DORNBACH.....	<i>Allentown</i>	.....	G.
Allentown High School			
SARA ISABEL DOWNING.....	<i>Berwyn</i>	.....	C. H.
Tredyffrin-Easttown High School			
HAZEL JANE DRUMHELLER.....	<i>Pottstown</i>	.....	Pottstown
Pottstown High School			
DOROTHY JANE DUCAT.....	<i>Pitman, N. J.</i>	.....	G.
Pitman High School			

## Lists of Students

109

MARY VIRGINIA ERNEST.....	<i>Bath</i> .....	Lynnewood Bethlehem High School
MARTHA JANE EVANS.....	<i>Bridgeport</i> .....	Mp. Upper Merion High School
RICHARD BUCK EVANS.....	<i>Barto, R. D.</i> .....	D. H. Cheltenham High School
JEAN GRIM EWEN.....	<i>Glassboro, N. J.</i> .....	Lynnewood Glassboro High School
BERNICE ELEANOR FISH.....	<i>Penns Grove, N. J.</i> .....	612 Oberlin College
WILLIAM JAMES FLYNN.....	<i>Runnemede, N. J.</i> .....	C. D. Audubon High School
RICHARD GARDNER FOHL.....	<i>Biglerville</i> .....	D. H. Biglerville High School
CAROL FOSTER .....	<i>Cheltenham</i> .....	Mp. Cheltenham High School
AVERILL VIRGINIA FOX.....	<i>Pottstown</i> .....	Pottstown Pottstown High School
ELIZABETH FUNK.....	<i>Phoenixville, R. D.</i> .....	Sh. H. Phoenixville High School
ROBERTA E. R. GUINNESS.....	<i>Valley Stream, N. Y.</i> .....	Fircroft Valley Stream High School
ANNE AGNES HAIN.....	<i>Lancaster</i> .....	C. H. Lancaster High School
VERA GERTRUDE HARLEY.....	<i>East Greenville</i> .....	Sh. H. Drexel Institute of Technology
EMILIE JANE HARTMAN.....	<i>Littlestown</i> .....	Sh. H. Littlestown High School
THOMAS HARTZELL .....	<i>Philadelphia</i> .....	H. H. Olney High School
GEORGINE BATCHELDER HAUGHTON.....	<i>Norristown, R. D.</i> .....	Norristown Norristown High School
FRANCIS K. HAUSEMAN.....	<i>Pottstown</i> .....	Pottstown Pottstown High School
GLADYS ELAINE HEIBEL.....	<i>Philadelphia</i> .....	G. Olney High School
EDNA ELIZABETH HESKETH.....	<i>Linwood</i> .....	T. C. Eddystone High School
ALBERT MEREDITH HILL.....	<i>Norristown</i> .....	Norristown Norristown High School
CONSTANCE RUTH HOPKINS.....	<i>Audubon, N. J.</i> .....	T. C. Audubon High School
EVELYN MANUEL HUBER.....	<i>Merchantville, N. J.</i> .....	Collegeville Merchantville High School
ESTHER ABBY HYDREN.....	<i>Pittsfield, Mass.</i> .....	Sh. H. Sea Pines School, Brewster, Mass.

FLORENCE ELIZABETH KNOLL.....	<i>Fleetwood</i> .....	T. C.
Fleetwood High School		
HOMER WILLIAM KOCH, JR.....	<i>Hamburg</i> .....	F. H.
Hamburg High School		
MARIAN KRIEBEL .....	<i>Norristown</i> .....	Norristown
Norristown High School		
ESTHER ROSE KUMJAN.....	<i>Upper Darby</i> .....	Evansburg
Upper Darby High School		
RUTH FILIA LEONE.....	<i>West New York, N. J.</i> .....	944
Emerson High School, Union City, N. J.		
JOYCE PRINOLD LOWNES.....	<i>Gladwyn</i> .....	Mp.
Lower Merion High School		
LEE LURTY.....	<i>Philadelphia</i> .....	B. D.
Northeast High School		
MIRIAM ELISABETH MAEDER.....	<i>Philadelphia</i> .....	Mp.
Simon Gratz High School		
SUSAN LOUISE MOFFAT.....	<i>Scranton</i> .....	Mp.
Scranton-Keystone Junior College		
THELMA ROMAINE NAUGLE.....	<i>Shippensburg</i> .....	612
Shippensburg State Teachers College		
DOROTHY JEAN NEUWARD.....	<i>Allentown, R. D.</i> .....	Collegeville
South Whitehall High School		
PAULINE REBA NISSLY.....	<i>Florin</i> .....	Sp. H.
Millersville State Teachers College		
ROBERTA EDNA OSTROSKE.....	<i>West Cape May, N. J.</i> .....	Sh. H.
Cape May High School		
BETTY IRENE REESE.....	<i>Norristown</i> .....	Norristown
Norristown High School		
BETTE A. REPLOGLE.....	<i>Roaring Spring</i> .....	G.
Roaring Spring High School		
RUTH FLORENCE RIEGEL.....	<i>Bangor</i> .....	Sh. H.
Bangor High School		
ANN NAFF ROBINSON.....	<i>Haddonfield, N. J.</i> .....	612
Haddonfield Memorial High School		
KATHRYN ELIZABETH ROOT.....	<i>Denver</i> .....	T. C.
Denver High School		
SPENCER FREDERICK RUNKLE.....	<i>York</i> .....	S. H.
William Penn Senior High School		
SARAH ELIZABETH SADLER.....	<i>Upper Darby</i> .....	Sh. H.
Haverford Township High School		
MARION ELIZABETH SIMPSON.....	<i>Easton</i> .....	Mp.
Easton High School		
HELEN IDA SMITH.....	<i>Reading</i> .....	Mp.
Mt. Penn High School		
PAUL BRENNER SNEAD.....	<i>Lancaster</i> .....	D. H.
Lancaster High School		

## Lists of Students

111

MIRIAM MARIE STARR.....	<i>Wernersville</i> .....	Mp.
Wernersville High School		
EDYTHE BELLE STEINFELD.....	<i>Valley Stream, L. I., N. Y.</i> ...	944
Valley Stream High School		
MARION ELIZABETH STOCKER.....	<i>Easton</i> .....	Sp. H.
Easton High School		
MARY ALICE STONE.....	<i>Pelham Manor, N. Y.</i> .....	944
Morgan Park Junior College		
ANNA ELIZABETH STRUNK.....	<i>Phillipsburg, N. J.</i> .....	G.
Phillipsburg High School		
NADINE ELAINE STURGES.....	<i>Duanesburgh, N. Y.</i> .....	T. C.
Saint Faith's School, Saratoga Springs, N. Y.		
WILLIAM HERBERT SUTCLIFFE.....	<i>Spring City</i> .....	Spring City
Spring City High School		
CAROL SWARTLEY .....	<i>Willow Grove</i> .....	T. C.
Abington High School		
EDWARD JAMES TALLIS.....	<i>Schwenksville</i> .....	Schwenksville
Perkiomen School		
PEARL BARBARA TEGGLASSY.....	<i>Pittsburgh</i> .....	Super House
Mission House College		
ALICE EVELYN THAYER .....	<i>Wallingford</i> .....	C. H.
Sunny Hills School, Wilmington, Del.		
FRANCES HELEN THIEROLF.....	<i>Glenside</i> .....	T. C.
Abington High School		
DOROTHEA HARRIET TROUT.....	<i>Palmyra, N. J.</i> .....	Sh. H.
Palmyra High School		
ELIZABETH LUCILE TROUT.....	<i>Pottstown</i> .....	Sh. H.
Pottstown High School		
JOYCE LAForge TUERS.....	<i>New York, N. Y.</i> .....	C. H.
Wadleigh High School		
JULIA ELIZABETH URICH.....	<i>Lancaster</i> .....	Mp.
Lancaster High School		
ELIZABETH VIRGINIA USINGER.....	<i>Pitman, N. J.</i> .....	Sh. H.
Pitman High School		
JANE LOIS VINK.....	<i>Norristown</i> .....	Norristown
Norristown High School		
GERALDINE ETHELDA WALTERS.....	<i>Trappe</i> .....	Trappe
Collegeville High School		
ANNA ELLEN WEBER.....	<i>Reading, R. D.</i> .....	612
Muhlenberg Township High School		
LEONORE JEAN WEBER.....	<i>Lansdale</i> .....	Fircroft
Lansdale High School		
MARY ANNA WILEY.....	<i>Upper Darby</i> ..	Collegeville, R. D.
Upper Darby High School		
FRANCES VIRGINIA WILT.....	<i>York</i> .....	Collegeville, R. D.
William Penn Senior High School		



MARY ELIZABETH WISMER.....	<i>Pottstown, R. D.</i> .....	Pottstown Pottstown High School
MARION SARA WITMER.....	<i>Norristown</i> .....	T. C. Norristown High School
ROBERT CARL YOH.....	<i>Milton</i> .....	D. H. Mt. Herman Preparatory School
EMILY MARIE ZOLL.....	<i>Riverside, N. J.</i> .....	Mp. Riverside High School

## THE MODERN LANGUAGES GROUP

MARHELLA ANDERSON.....	<i>Yeadon</i> .....	Sh. H. Yeadon High School
CAROLYN BOEHMER ANFINSEN.....	<i>Drexel Hill</i> .....	944 Upper Darby High School
CHARLES FREDERICK APPEGET.....	<i>Trenton, N. J.</i> .....	B. D. Central High School
LEONORE DISTEL BERKY.....	<i>Allentown</i> .....	Sp. H. Allentown High School
ELIZABETH KATHRYN BURDAN.....	<i>Pottstown</i> .....	Fircroft Pottstown High School
HELEN GAINFORD COPE.....	<i>Springfield</i> .....	Mp. Springfield High School
WINIFRED RUTH DOOLAN.....	<i>Hasbrouck Heights, N. J.</i> .....	Sp. H. James Madison High School
MILLIE EMILIA FINELLI.....	<i>Roseto</i> .....	Collegeville Bangor High School
JUNE LOUISE FRITZ.....	<i>York</i> .....	Lynnwood William Penn Senior High School
ELIZABETH ELECTA HAMILTON.....	<i>North Wales, R. D.</i> .....	Mp. Lansdale High School
RUTH MARIAN JONES.....	<i>Shenandoah</i> .....	Lynnwood Shenandoah High School
ROSE ANNE KEENE.....	<i>Linfield</i> .....	Linfield Pottstown High School
LOUISE ANNA KERN.....	<i>Nazareth</i> .....	C. H. Nazareth High School
MARGARET ROMA KERSTETTER.....	<i>Hamburg</i> .....	Sh. H. Hamburg High School
FRANCES ELAINE KOOKER.....	<i>Quakertown</i> .....	Fircroft Quakertown High School
DOROTHY HELENA LEES.....	<i>Merchantville, N. J.</i> .....	Mp. Merchantville High School
LILLIAN R. LINSENBURG.....	<i>Norristown</i> .....	Norristown Norristown High School
ELINOR JANET MACNAIR.....	<i>Chalfont</i> .....	Collegeville Doylestown High School
MARY ELIZABETH MCCORKILL.....	<i>Sunbury</i> .....	C. H. Sunbury High School

## Lists of Students

113

ELLEN MCMURTRIE.....	<i>Norristown</i>	Norristown
Norristown High School		
JUNE ELIZABETH MEUNIER.....	<i>Merchantville, N. J.</i>	G.
Camden High School		
JEAN LOIS PATTERSON.....	<i>Upper Darby</i>	Sh. H.
Germantown High School		
EMILIE MAE POLLOCK.....	<i>Dowlingtown, R. D.</i>	Mp.
West Chester High School		
HAZEL SUSAN REED.....	<i>Lansdale</i>	612
Sellersville-Perkasie High School		
RUTH ELIZABETH ROBINSON.....	<i>Phoenixville</i>	Collegeville
Phoenixville High School		
IDAMAY SCOTT .....	<i>Philadelphia</i>	Mp.
Reading High School		
VIRGINIA MARIE SHOFFNER.....	<i>Spring City</i>	Spring City
Spring City High School		
CHARLES WILSON STEINMETZ.....	<i>Maple Shade, N. J.</i>	S. H.
Brown Preparatory School		
ESTHER ELIZABETH STEWART.....	<i>Mays Landing, N. J.</i>	Sh. H.
Atlantic City High School		
DOROTHY ALICE THURSTON.....	<i>Yonkers, N. Y.</i>	Mp.
Yonkers High School		
INGEBORG LOUISE WESEMANN.....	<i>New York, N. Y.</i>	944
Evander Childs High School		
ELLEN MAE WHITNEY.....	<i>Schwenksville</i>	Schwenksville
Schwenksville High School		
WINIFRED MARIE YEAGER.....	<i>Millersburg, R. D.</i>	Fircroft
Millersburg High School		

### BUSINESS ADMINISTRATION GROUP

ELAM GAIL ACKERMAN, 3D.....	<i>Stowe</i>	Stowe
Pottstown High School		
C. GORDON ASTHEIMER.....	<i>Schwenksville, R. D.</i>	C. D.
Pottstown High School		
ANNA NOECKER BAGENSTOSE.....	<i>Reading</i>	C. H.
Reading High School		
CHARLES TRAVIS BARDSLEY, JR.....	<i>Collingswood, N. J.</i>	C. D.
Mercersburg Academy		
ANNA MAY BARFOOT.....	<i>Philadelphia</i>	C. H.
Frankford High School		
CHARLES ANDREW BARNES.....	<i>York</i>	B. D.
William Penn Senior High School		
BETTY LAFRANCE BICKHART.....	<i>Philadelphia</i>	Sh. H.
Simon Gratz High School		
GEORGE P. T. BIERY.....	<i>Northampton</i>	B. D.
Northampton High School		

JOHN GORDON BLYTHE.....	<i>Springfield</i> .....	F. H.
Springfield High School		
LOUIS EDWARD BOCK.....	<i>Collegeville</i> .....	Collegeville
Lower Merion High School		
CLAIRE LOUISE BORRELL.....	<i>Ridley Park</i> .....	T. C.
Ridley Park High School		
CHARLES M. BOWEN.....	<i>Haddonfield, N. J.</i> .....	C. D.
Haddonfield High School		
ALVAN ROGERS BRICK.....	<i>Medford, N. J.</i> .....	B. D.
Mount Holly High School		
MARION IRENE BRITTON.....	<i>Lansford</i> .....	Sp. H.
Lansford High School		
HARRY C. BYRNE, JR.....	<i>Overbrook</i> .....	C. D.
Swarthmore College		
ISABEL ELSA CARRANZA.....	<i>Riverdale, New York City</i> ... 944	
Walton High School		
HAROLD LEONARD CHERN.....	<i>Atlantic City, N. J.</i> .....	C. D.
Brown Preparatory School		
MARJORIE MAE COLSHER.....	<i>Glenside</i> .....	Mp.
Abington High School		
JOSEPH EVERETT CONINE, JR.....	<i>Collingswood, N. J.</i> .....	B. D.
Collingswood High School		
DONALD RUSSELL CONNOR.....	<i>Philadelphia</i> .....	F. H.
Frankford High School		
EDWIN STUART COOK.....	<i>Collegeville</i> .....	Collegeville
Collegeville High School		
WOODROW WILSON CURRINGTON.....	<i>Clayton, N. J.</i> .....	Collegeville
Clayton High School		
LLOYD HARRISON DAUB, JR.....	<i>Bridgeport</i> .....	C. D.
Upper Merion High School		
LEROY HORACE DAWSON, JR.....	<i>Hamburg, N. Y.</i> .....	B. D.
Hamburg High School		
RAYMOND ANDREW DUNCAN.....	<i>Sharon Hill</i> .....	F. H.
Sharon Hill High School		
LEROY CLAYTON EARLE.....	<i>Mountain Lakes, N. J.</i> .....	B. D.
Mt. Lakes High School		
DAVID EDMONDS .....	<i>Whitemarsh</i> .....	B. D.
Perkiomen Preparatory School		
JEAN ROBERT EHLERS.....	<i>Springfield</i> .....	D. H.
Springfield High School		
HENRY HAND ELDREDGE, JR.....	<i>West Cape May, N. J.</i> .....	C. D.
Cape May High School		
CHARLES RICHARD EWAN.....	<i>Wildwood, N. J.</i> .....	H. H.
Wildwood High School		
HARRY LING FELTON.....	<i>Collegeville, R.D.</i> ..	Collegeville, R.D.
Collegeville High School		

## Lists of Students

115

MARJORIE HELEN FOSTER.....	<i>Cheltenham</i>	Mp.
Cheltenham High School		
WILLIAM HOWARD FREY.....	<i>Philadelphia</i>	C. D.
Friends' Select School		
SARA ELIZABETH FRORER.....	<i>Wayne</i>	944
Friends' Central School		
PHILIP STADON GETTY.....	<i>Wayne</i>	Wayne
Radnor High School		
JOSEPH WARREN GLASS, JR.....	<i>Philadelphia</i>	S. H.
Germantown High School		
ANDREW FREDERICK HARRIS.....	<i>Norristown</i>	Norristown
Norristown High School		
DANIEL MARK HARTLINE.....	<i>Pottstown</i>	B. D.
Pottstown High School		
DAVID SAMUEL HARTMAN.....	<i>Phoenixville</i>	D. H.
Phoenixville High School		
CHARLES DELISLE LOUIS HEAREY...	<i>Audubon, N. J.</i>	C. D.
Germantown Academy		
WILLIAM LAIRD HENRY, JR.....	<i>Summit Hill</i>	C. D.
Summit Hill High School		
RAYMOND KEENER HESS.....	<i>Reading</i>	D. H.
Reading High School		
CHARLES A. HOFF.....	<i>Philadelphia</i>	H. H.
Wyoming Seminary		
WALTER F. HUFF, JR.....	<i>Riegelsville</i>	B. D.
Franklin and Marshall Academy		
MARY AUGUSTA HYDE.....	<i>Flushing, N. Y.</i>	T. C.
Bayside High School		
DORIS HELEN JACKSON.....	<i>Germantown</i>	Lynnewood
Germantown High School		
DAVID INKSTER JACOBS, JR.....	<i>Philadelphia</i>	C. D.
Brown Preparatory School		
NATHANIEL REEVES JOHNSON, JR...	<i>Wildwood, N. J.</i>	C. D.
Wildwood High School		
VIVIAN CLARICE JUDD.....	<i>Philadelphia</i>	C. H.
Frankford High School		
WINIFRED CATHERINE KAPP.....	<i>Steeltown</i>	G.
Steeltown High School		
BETTY LOUISE KNOBLAUCH.....	<i>Philadelphia</i>	944
West Philadelphia High School		
GEORGE DERR KRATZ.....	<i>North Wales, R. D.</i>	F. H.
Lansdale High School		
ELIZABETH ANN LAWTON.....	<i>Chester</i>	T. C.
Chester High School		
SAMUEL HARVEY LESHER.....	<i>Collegeville, R.D.</i>	Collegeville, R.D.
Collegeville High School		

HERBERT LESWING, JR.	<i>Willow Grove</i>	C. D.
University of Pennsylvania		
JOHN SLINGLUFF LITTLE	<i>Norristown</i>	D. H.
New York Military Academy		
ALTHEA ELIZABETH LOTZ	<i>Wilmington, Del.</i>	C. H.
Wilmington High School		
IRENE SALLY MAGINNIS	<i>Chestnut Hill</i>	Lynnewood
Philadelphia High School for Girls		
RUTH ESTHER MARKEL	<i>Conshohocken</i>	944
Friends' Central School		
SARAH GRACE MCELWEE	<i>Philadelphia</i>	C. H.
Philadelphia High School for Girls		
ROBERT HOWARD MCFARLAND, 3D.	<i>Oaks</i>	Oaks
Phoenixville High School		
CHARLES VIRGIL MILLER	<i>York</i>	C. D.
Red Lion High School		
ROBERT T. MOELTER	<i>Lynbrook, N. Y.</i>	F. H.
Lynbrook High School		
VICTOR LEE MORNINGSTAR	<i>Saxton</i>	H. H.
Saxton High School		
PAUL FRANKLIN MOSER	<i>Norristown, R. D.</i>	Norristown, R. D.
Norristown High School		
HOWLETT MOYER	<i>Audubon, N. J.</i>	H. H.
Audubon High School		
JOHN HENRY MUSSER	<i>York</i>	B. D.
William Penn Senior High School		
CHRISTIAN ROBERT NISSLY	<i>Florin</i>	F. H.
Mount Joy High School		
ALBERT CLIFFORD PAWLING	<i>Coatesville</i>	F. H.
Coatesville High School		
WALTER ANTHONY PETERSON	<i>Philadelphia</i>	H. H.
Frankford High School		
DOROTHY REIFSNYDER	<i>Norristown</i>	C. H.
Norristown High School		
JAMES LANTERMAN RICHARDS, JR.	<i>Ardmore</i>	B. D.
Friends' Central School		
JOSEPH SACKS	<i>Cedars</i>	Cedars
Lansdale High School		
JOSEPH MARKLE SHEPPARD	<i>Conshohocken</i>	Conshohocken
Norristown High School		
BLANCHE CAROLYN SHIREY	<i>Frackville</i>	Lynnewood
Frackville High School		
HOWARD R. SHOLLENBERGER, JR.	<i>Hamburg</i>	D. H.
Hamburg High School		
HARRY LEROY SHOWALTER, JR.	<i>Greencastle</i>	B. D.
Greencastle High School		

## Lists of Students

117

CHESTER RAY SMITH.....	<i>Maytown</i> .....	D. H.
Maytown High School		
ALACE DOROTHY SNYDER.....	<i>Wenonah, N. J.</i> .....	Sh. H.
Pitman High School		
JOAN ELIZABETH STOOTZ.....	<i>Chester</i> .....	944
Chester High School		
THOMAS ELMER STRANGE.....	<i>Philadelphia</i> .....	H. H.
Brown Preparatory School		
FREDERIC WILLIAM SWIFT.....	<i>Cedars</i> .....	Cedars
Norristown High School		
ALBERT MCCREADY THOMAS.....	<i>Summit Hill</i> .....	S. H.
Washington High School		
JACK LIVINGSTON THOMAS.....	<i>York</i> .....	D. H.
William Penn Senior High School		
EDWARD THOMPSON .....	<i>Red Lion</i> .....	C. D.
Red Lion High School		
FREDERIC ARTHUR THOMPSON.....	<i>Red Lion</i> .....	C. D.
Red Lion High School		
NAT T. TOULON, 3D.....	<i>Erlton, N. J.</i> .....	C. D.
Haddonfield High School		
JAMES MARTIN VOSS.....	<i>Norristown</i> .....	Norristown
Episcopal Academy		
NEVIN MILLER WANNER.....	<i>York</i> .....	F. H.
William Penn Senior High School		
FREDERICK HEISLER WILHELM.....	<i>Spring City</i> .....	Spring City
Spring City High School		
WILLIAM ANTHONY WILLIAMS.....	<i>Kingston</i> .....	C. D.
Wyoming Seminary		
PAUL J. WILSON, JR.....	<i>Philadelphia</i> .....	B. D.
Simon Gratz High School		

### THE PHYSICAL EDUCATION GROUP

PAUL AUGUSTINE .....	<i>Mt. Vernon, N. Y.</i> .....	H. H.
Mt. Vernon High School		
MILDRED F. BRICKER.....	<i>Aldan</i> .....	Norristown
Upper Darby High School		
REGINA K. CARTER.....	<i>N. Manchester, Ind.</i> ..	Collegeville
Sidney High School		
HELEN DORIS CAULFIELD.....	<i>Llanerch</i> .....	Fircroft
Haverford High School		
JAMES F. COULTER, JR.....	<i>Merchantville, N. J.</i> .....	S. H.
Haddonfield Memorial High School		
ALICE HALL DOUGHERTY.....	<i>Haddonfield, N. J.</i> .....	G.
Haddonfield Memorial High School		
DOROTHY ELISE EHMANN.....	<i>Brooklyn, N. Y.</i> .....	T. C.
Richmond Hill High School		

DONALD LEHMAN FETTERMAN.....	<i>East Greenville</i>	C. D.
East Greenville High School		
KENNETH NEWELL GROSSECK.....	<i>Wildwood, N. J.</i>	H. H.
Wildwood High School		
SARA EVALINE HALLMAN.....	<i>Norristown, R.D.</i>	Norristown, R.D.
Norristown High School		
DORIS MARIAN HARRINGTON.....	<i>Chester</i>	G.
Chester High School		
MADGE BOSSERT HARSHAW.....	<i>Lansdowne</i>	Mp.
Lansdowne High School		
GLADYS LENORE HOAGLAND.....	<i>Conshohocken</i>	Fircroft
Conshohocken High School		
NATALIE AUSTIN HOGELAND.....	<i>Blue Bell</i>	944
Whitpain High School		
JULIA HEYL HOGG.....	<i>Llanerch</i>	Collegeville
Haverford High School		
JOSEPH PATRICK IRVIN.....	<i>Philadelphia</i>	H. H.
Gloucester High School		
JAMES LAMB JOHNSTONE.....	<i>Collegeville</i>	Collegeville
Conshohocken High School		
PEGGY KATHRYN KEAGLE.....	<i>Hatfield</i>	Fircroft
Hatfield High School		
NANCY ANN LANDIS.....	<i>Wyncote</i>	G.
Cheltenham High School		
A. GLADYS LEVENGOOD.....	<i>Pottstown</i>	Fircroft
Pottstown High School		
HOWARD CHARLES MACMAHON....	<i>Camden, N. J.</i>	C. D.
Brown Preparatory School		
RUTH ELIZABETH POWER.....	<i>Philadelphia</i>	Collegeville
Doylestown High School		
FRANK SHINEHOUSE REIFF.....	<i>West Lawn</i>	Collegeville
West Lawn High School		
JANE MARIE ROBERTS.....	<i>Pitman, N. J.</i>	Sh. H.
Pitman High School		
HENRY SHUSTER.....	<i>Philadelphia</i>	C. D.
Brown Preparatory School		
KATHRYN ELIZABETH SNYDER.....	<i>Jersey City, N. J.</i>	G.
Dickinson High School		
LOIS MYERS TAYLOR.....	<i>Phillipsburg, N. J.</i>	Sh. H.
Phillipsburg High School		
RUTH JANET VON KLEECK.....	<i>Lansdowne</i>	Mp.
Lansdowne High School		
HOWARD WISE.....	<i>Philadelphia</i>	B. D.
Brown Preparatory School		
ROBERT ROYER YATES.....	<i>Absecon, N. J.</i>	C. D.
Kiskiminetas Springs School, Saltsburg, Pa.		

# Lists of Students

119

## STUDENTS IN MUSIC

Pursuing College Courses:

MARHELLA ANDERSON	<i>Yeadon</i>	Sh. H.
FRANKLIN WILLIAM ANDREWS	<i>Overbrook Hills</i>	D. H.
ROBERT KREDEL ARTERS	<i>Mont Clare</i>	Mont Clare
C. GORDON ASTHEIMER	<i>Schwenksville, R. D.</i>	C. D.
HARRY LAWRENCE ATKINSON	<i>Audubon, N. J.</i>	C. D.
PHYLLIS MAY BEERS	<i>Allentown</i>	612
HELENE EMILIE BERGER	<i>Hatfield</i>	944
BETTY LA FRANCE BICKHART	<i>Philadelphia</i>	Sh. H.
KENNETH ERNST BISHOP	<i>York</i>	B. D.
MARY VIRGINIA BOSWELL	<i>Bristol</i>	Lynnewood
ALVAN ROGERS BRICK	<i>Medford, N. J.</i>	B. D.
ELAINE CONWAY BROWN	<i>Clifton Heights</i>	Fircroft
CHARLES WESLEY BURROUGHS	<i>Trenton, N. J.</i>	C. D.
HAROLD LEONARD CHERN	<i>Atlantic City, N. J.</i>	C. D.
MARJORIE MAE COLSHER	<i>Glenside</i>	Mp.
RUTH F. CONRAD	<i>Palm</i>	Sh. H.
HELEN GAINFORD COPE	<i>Springfield</i>	Mp.
JACK JOSEPH COUGHLIN	<i>Easton</i>	H. H.
DOUGLAS ARTHUR CRONE	<i>York</i>	B. D.
MARGARET RUTH CROSSET	<i>Audubon, N. J.</i>	T. C.
EDWARD W. DAVIS	<i>Norristown, R. D.</i>	Norristown
LEROY HORACE DAWSON, JR.	<i>Hamburg, N. Y.</i>	B. D.
RAYMOND ANDREW DUNCAN	<i>Sharon Hill</i>	F. H.
JEAN ROBERT EHLERS	<i>Springfield</i>	D. H.
JEAN GRIM EWEN	<i>Glassboro, N. J.</i>	Lynnewood
STANTON WEINER FELT	<i>Norristown</i>	Norristown
AVERILL VIRGINIA FOX	<i>Pottstown</i>	Pottstown
RICHARD CONRAD GERHART	<i>East Greenville</i>	East Greenville
CHARLES DELISLE LOUIS HEAREY	<i>Audubon, N. J.</i>	C. D.
GLADYS ELAINE HEIBEL	<i>Philadelphia</i>	G.
GLADYS LENORE HOAGLAND	<i>Conshohocken</i>	Fircroft
CONSTANCE HOLDEN	<i>Merion</i>	612
CONSTANCE RUTH HOPKINS	<i>Audubon, N. J.</i>	T. C.
GEORGE HALLMAN HOPKINS	<i>Phoenixville</i>	D. H.
ESTHER ABBY HYDREN	<i>Pittsfield, Mass.</i>	Sh. H.
DAVID INKSTER JACOBS, JR.	<i>Philadelphia</i>	C. D.
VIVIAN CLARICE JUDD	<i>Philadelphia</i>	C. H.
LAURA EVELYN KEYSER	<i>Collegeville</i>	Collegeville
MARION KOTKO	<i>Freehold, N. J.</i>	T. C.



ROBERT HAROLD LANDIS.....	<i>Wyncote</i> .....	B. D.
ELIZABETH ANN LAWTON.....	<i>Chester</i> .....	T. C.
HERBERT LESWING, JR.....	<i>Willow Grove</i> .....	C. D.
FRANK A. LIPPI, JR.....	<i>Philadelphia</i> .....	B. D.
RUTH LOUISE LUDWIG.....	<i>Philadelphia</i> .....	Mp.
WILLIAM H. MACDADE, JR.....	<i>Phoenixville</i> .....	Phoenixville
HUBERT MACGEORGE.....	<i>Camden, N. J.</i> .....	B. D.
JOAN SCOTT MAXWELL.....	<i>Norristown</i> .....	Norristown
EDWARD S. MAYKUT.....	<i>Collegeville, R. D.</i> .....	Collegeville
EDWIN LOUIS McCAUSLAND, JR.....	<i>Lansdowne</i> .....	F. H.
FRANK S. MEADE, JR.....	<i>Lansdowne</i> .....	C. D.
SUSAN LOUISE MOFFAT.....	<i>Scranton</i> .....	Mp.
FRANKLIN ELWOOD MORRIS.....	<i>Phoenixville</i> .....	B. D.
HOWLETT MOYER.....	<i>Audubon, N. J.</i> .....	H. H.
MARY ELLEN PETERSON.....	<i>Port Norris, N. J.</i> .....	Norristown
JOHN HARVEY REX, JR.....	<i>Norristown</i> .....	Norristown
RALPH ALFRED RITROVATO.....	<i>Bridgeport</i> .....	Bridgeport
ANN NAFF ROBINSON.....	<i>Haddonfield, N. J.</i> .....	612
DOROTHY WINTER SCHLEINKOFER.....	<i>Atco, N. J.</i> .....	612
IDAMAY SCOTT.....	<i>Philadelphia</i> .....	Mp.
MARIAN ELIZABETH SHEARER.....	<i>Philadelphia</i> .....	C. H.
MYRA SHLANTA.....	<i>Stroudsburg</i> .....	T. C.
HOWARD R. SHOLLENBERGER, JR.....	<i>Hamburg</i> .....	D. H.
CHESTER RAY SMITH.....	<i>Maytown</i> .....	D. H.
PAUL BRENNER SNEAD.....	<i>Lancaster</i> .....	D. H.
ALACE DOROTHY SNYDER.....	<i>Wenonah, N. J.</i> .....	Sh. H.
ROY CLARK SNYDER.....	<i>Bethlehem</i> .....	D. H.
MURIEL LEONA SOLOMON.....	<i>Staten Island, N. Y.</i> .....	Mp.
EDYTHE BELLE STEINFELD.....	<i>Valley Stream, L. I., N. Y.</i> .....	944
ACQUILLA ELISSA STETTENBENZ.....	<i>Snyder, N. Y.</i> .....	Sh. H.
MARION ELIZABETH STOCKER.....	<i>Easton</i> .....	Sp. H.
ANNA ELIZABETH STRUNK.....	<i>Phillipsburg, N. J.</i> .....	G.
EDWARD THOMPSON.....	<i>Red Lion</i> .....	C. D.
FREDERIC ARTHUR THOMPSON.....	<i>Red Lion</i> .....	C. D.
JOYCE LA FORGE TUERS.....	<i>New York, N. Y.</i> .....	C. H.
JULIA ELIZABETH URICH.....	<i>Lancaster</i> .....	Mp.
EMILY LOUISE WAGNER.....	<i>Reading</i> .....	612
JOHN WALICHUCK.....	<i>Leiperville</i> .....	C. D.
WILMA ELAINE WEISGERBER.....	<i>Lancaster</i> .....	Fircroft
PAUL J. WILSON, JR.....	<i>Philadelphia</i> .....	B. D.
FRANCES VIRGINIA WILT.....	<i>York</i> .....	Collegeville, R. D.

## Lists of Students

121

NATHANIEL WM. WINKELMAN, JR. *Philadelphia* ..... C. D.  
 ROBERT CARL YOH..... *Milton* ..... D. H.  
 ALBERT J. ZVARICK..... *Collegetown, R. D.*.....Collegetown

### Receiving Private Instruction:

EDRA MARGARET ALLANSON..... *Glenside* .....944  
 VIRGINIA HOPE ASHENFELTER..... *Mansfield* ..... Jeffersonville  
 EDITH MARIE BAADER..... *North Bergen, N. J.* ..... C. H.  
 JOHN HENRY BURKHALTER, 2D..... *Pennington, R. D., N. J.* ..... B. D.  
 MARJORIE MAE COLSHER..... *Glenside*..... Mp.  
 AVERILL VIRGINIA FOX..... *Pottstown* ..... Pottstown  
 EDGAR ELWOOD HELLER..... *Bloomsburg* ..... B. D.  
 EDNA ELIZABETH HESKETH..... *Linwood*..... T. C.  
 ESTHER ABBY HYDREN..... *Pittsfield, Mass.* ..... Sh. H.  
 VIVIAN CLARICE JUDD..... *Philadelphia* ..... C. H.  
 CHARLES KENNETH SNYDER..... *Brooklyn, N. Y.* ..... D. H.  
 ROY CLARK SNYDER..... *Bethlehem*..... D. H.  
 MURIEL LEONA SOLOMON..... *Staten Island, N. Y.* ..... Mp.  
 JOAN ELIZABETH STOOTS..... *Chester* .....944  
 ELIZABETH LUCILE TROUT..... *Pottstown* ..... Sh. H.  
 MARY ALICE WEAVER..... *Bethlehem* .....944  
 MARY ELIZABETH WISMER..... *Pottstown, R. D.* ..... Pottstown

## 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; *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.

Ackerman, E. G., 3d, 2, <i>B. A.</i> .....A	Becker, F. T., 1, <i>C-B.</i> .....S
Adams, D. B., 3, <i>H-S.</i> .....A	Beers, P. M., 4, <i>C-B.</i> .....S
Adams, G. O., 2, <i>H-S.</i> .....A	Bell, M. W., 4, <i>E.</i> .....A
Adams, H. B., 3, <i>H-S.</i> .....A	Benjamin, E. H., Jr., 3, <i>C-B.</i> .....S
Adams, R. D., 1, <i>C-B.</i> .....S	Berger, H. E., 2, <i>E.</i> .....A
Adams, T. J., 1, <i>C-B.</i> .....S	Berky, L. D., 2, <i>M-L.</i> .....A
Agan, K. E., Jr., 2, <i>H-S.</i> .....A	Berman, A., 2, <i>C-B.</i> .....S
Allebach, M. E., 2, <i>C-B.</i> .....S	Bethmann, R. R., 3, <i>E.</i> .....A
Allen, M. J., 4, <i>E.</i> .....A	Bickhart, B. L., 4, <i>B. A.</i> .....A
Alspach, M. D., 4, <i>H-S.</i> .....A	Biery, G. P. T., 3, <i>B. A.</i> .....A
Anderson, M., 4, <i>M-L.</i> .....A	Binder, F. M., 2, <i>C-B.</i> .....S
Anderson, S. M., 1, <i>E.</i> .....A	Birbeck, J. G. W., 2, <i>C-B.</i> .....S
Andrews, F. W., 3, <i>C-B.</i> .....S	Biscotte, N. J., 2, <i>C-B.</i> .....S
Anfinsen, C. B., 2, <i>M-L.</i> .....A	Bishop, J. R., 2, <i>C-B.</i> .....S
Appleget, C. F., 2, <i>M-L.</i> .....A	Bishop, K. E., 4, <i>H-S.</i> .....A
Armstrong, J. P., 3, <i>C-B.</i> .....S	Blackman, E. D., Jr., 1, <i>C-B.</i> .....S
Arnold, R. W., 2, <i>H-S.</i> .....A	Bloomer, B. L., 1, <i>C-B.</i> .....S
Arters, R. K., 1, <i>C-B.</i> .....S	Blum, C., 3, <i>H-S.</i> .....A
Ashenfelter, V. H., 1, <i>H-S.</i> .....A	Blythe, J. G., 1, <i>B. A.</i> .....A
Aszheimer, C. G., 4, <i>B. A.</i> .....A	Bock, L. E., 1, <i>B. A.</i> .....A
Atkinson, H. L., 4, <i>M.</i> .....S	Bolger, J. L., 1, <i>E.</i> .....A
Atkinson, K. M., 3, <i>E.</i> .....A	Bonos, C. T., Jr., 4, <i>H-S.</i> .....A
Augustine, P., 1, <i>P. E.</i> .....S	Bormann, R. H., 1, <i>C-B.</i> .....S
Baader, E. M., 1, <i>E.</i> .....A	Borrell, C. L., 4, <i>B. A.</i> .....A
Bagenstose, A. N., 4, <i>B. A.</i> .....A	Boswell, M. V., 4, <i>M.</i> .....S
Baldwin, E. E., 3, <i>E.</i> .....A	Bowen, C. M., 3, <i>B. A.</i> .....A
Bardsley, C. T., Jr., 4, <i>B. A.</i> .....A	Boysen, H. W., 1, <i>C-B.</i> .....S
Barfoot, A. M., 4, <i>B. A.</i> .....A	Braker, V. N., 4, <i>M.</i> .....S
Barnes, C. A., 4, <i>B. A.</i> .....A	Brandt, G. I., 1, <i>H-S.</i> .....A
Barry, N. T., 3, <i>H-S.</i> .....A	Brey, W. S., Jr., 2, <i>C-B.</i> .....S
Bauer, R. L., 1, <i>C-B.</i> .....S	Brick, A. R., 2, <i>B. A.</i> .....A
Bayne, G. M., 1, <i>C-B.</i> .....S	Brick, L. K., 4, <i>M.</i> .....S
Beamensderfer, M. E., 3, <i>E.</i> .....A	Bricker, M. F., 1, <i>P. E.</i> .....S
Bear, J. M., 2, <i>C-B.</i> .....S	Britton, M. I., 2, <i>B. A.</i> .....A
Bechtel, F. C., 2, <i>H-S.</i> .....A	Brosz, D. M., 2, <i>H-S.</i> .....A

## Lists of Students

123

Brown, C. S., 1, <i>C-B</i> .....S	Crosley, A. P., Jr., 2, <i>C-B</i> .....S
Brown, E. C., 1, <i>H-S</i> .....A	Cross, S. M., 1, <i>C-B</i> .....S
Brown, M. K., 1, <i>E</i> .....A	Crosset, M. R., 4, <i>C-B</i> .....S
Buckingham, E. J., 2, <i>M</i> .....S	Cullen, D. V., 4, <i>C-B</i> .....S
Burdan, E. K., 2, <i>M-L</i> .....A	Currington, W. W., 2, <i>B. A</i> .....A
Burkhalter, J. H., 2d, 1, <i>H-S</i> .....A	Curtis, F. J., Jr., 1, <i>H-S</i> .....A
Burkus, A., 4, <i>C-B</i> .....S	Dakay, E., 2, <i>E</i> .....A
Burroughs, C. W., 1, <i>C-B</i> .....S	Darlington, E. D., 3, <i>H-S</i> .....A
Bush, K. E., 2, <i>E</i> .....A	Daub, L. H., Jr., 1, <i>B. A</i> .....A
Byrne, H. C., Jr., 3, <i>B. A</i> .....A	Daugherty, F. R., 2, <i>H-S</i> .....A
Byron, M. L., 2, <i>H-S</i> .....A	Davis, E. W., 3, <i>C-B</i> .....S
Callahan, N. M., Jr., 2, <i>H-S</i> .....A	Davis, J. D., 3, <i>H-S</i> .....A
Campbell, D. E., 2, <i>H-S</i> .....A	Davis, L. K., 3, <i>H-S</i> .....A
Carranza, I. E., 2, <i>B. A</i> .....A	Dawson, L. H., Jr., 4, <i>B. A</i> .....A
Carter, R. K., 2, <i>P. E</i> .....S	Deckard, J. A., 3, <i>C-B</i> .....S
Cassell, C. S., 1, <i>H-S</i> .....A	Deardorff, K. E., 3, <i>H-S</i> .....A
Caulfield, H. D., 1, <i>P-E</i> .....S	Deininger, D. D., 3, <i>E</i> .....A
Chalk, W. R., 4, <i>H-S</i> .....A	Deitzler, R. P., 3, <i>H-S</i> .....A
Chambers, D. H., 4, <i>H-S</i> .....A	Dengler, L. C., 2, <i>C-B</i> .....S
Chapline, J. D., Jr., 2, <i>H-S</i> .....A	Denney, C. V., Jr., 1, <i>C-B</i> .....S
Charlesworth, D. G., 1, <i>M</i> .....S	Derr, H. L., 2, <i>C-B</i> .....S
Chern, H. L., 4, <i>B. A</i> .....A	Detwiler, R. F., 3, <i>M</i> .....S
Chew, D. R., 4, <i>H-S</i> .....A	Dietz, R. E., 4, <i>E</i> .....A
Citta, L., 4, <i>C-B</i> .....S	Dilliplane, R. W. J., 2, <i>C-B</i> .....S
Clark, F. G., 1, <i>H-S</i> .....A	DiMedio, H. J., 1, <i>C-B</i> .....S
Clark, M. H., 4, <i>E</i> .....A	DiMedio, M. T., 1, <i>C-B</i> .....S
Clark, R. A., Jr., 1, <i>C-B</i> .....S	Ditter, J. W., Jr., 1, <i>H-S</i> .....A
Clawson, J. R., 3, <i>C-B</i> .....S	Donahue, A. J., 3, <i>E</i> .....A
Clemson, W. F., 1, <i>C-B</i> .....S	Doolan, W. R., 3, <i>M-L</i> .....A
Cochran, B. C., 3, <i>C-B</i> .....S	Dornbach, E. M., 2, <i>E</i> .....A
Cohen, H., 4, <i>C-B</i> .....S	Dornsife, J. K., 1, <i>H-S</i> .....A
Colsher, M. M., 1, <i>B. A</i> .....A	Dougherty, A. H., 2, <i>P. E</i> .....S
Conine, J. E., Jr., 3, <i>B. A</i> .....A	Downing, S. I., 1, <i>E</i> .....A
Connor, D. R., 2, <i>B. A</i> .....A	Drumheller, H. J., 1, <i>E</i> .....A
Conrad, R. F., 1, <i>C-B</i> .....S	Dubuque, J. G., 3, <i>H-S</i> .....A
Cook, E. S., 1, <i>B. A</i> .....A	Ducat, D. J., 2, <i>E</i> .....A
Cooke, R. L., Jr., 1, <i>M</i> .....S	Duncan, R. A., 1, <i>B. A</i> .....A
Cope, H. G., 3, <i>M-L</i> .....A	Earle, L. C., 2, <i>B. A</i> .....A
Cornely, J. F., 2, <i>C-B</i> .....S	Edmonds, D., 1, <i>B. A</i> .....A
Coughlin, J. J., 2, <i>C-B</i> .....S	Edwards, J., Jr., 4, <i>C-B</i> .....S
Coulter, J. F., Jr., 2, <i>P. E</i> .....S	Ehlers, J. R., 3, <i>B. A</i> .....A
Crone, D. A., 2, <i>H-S</i> .....A	Ehmann, D. E., 4, <i>P. E</i> .....S

Eilts, H. F., 1, <i>H-S</i> .....	A	Graver, C. E., 2, <i>H-S</i> .....	A
Eldredge, H. H., 3, <i>B. A</i> .....	A	Green, V. H., 4, <i>C-B</i> .....	S
Ellers, F. H., 1, <i>C-B</i> .....	S	Greene, G., 2, <i>H-S</i> .....	A
Ellis, R. G., 1, <i>C-B</i> .....	S	Grosbeck, K. N., 1, <i>P. E</i> .....	S
Elting, R. H., 2, <i>C-B</i> .....	S	Guinness, R., 2, <i>E</i> .....	A
Ernest, M. V., 1, <i>E</i> .....	A	Hahn, C. E., 3, <i>H-S</i> .....	A
Evans, M. J., 3, <i>E</i> .....	A	Hain, A. A., 1, <i>E</i> .....	A
Evans, R. B., 4, <i>E</i> .....	A	Hallman, E. B., Jr., 1, <i>H-S</i> .....	A
Ewan, C. R., 1, <i>B. A</i> .....	A	Hallman, S. E., 4, <i>P. E</i> .....	S
Ewen, J. G., 1, <i>E</i> .....	A	Hamilton, E. E., 3, <i>M-L</i> .....	A
Fegley, M. F., 1, <i>C-B</i> .....	S	Hampton, E. B., 3, <i>H-S</i> .....	A
Felt, S. W., 4, <i>H-S</i> .....	A	Hansen, E. A., 4, <i>C-B</i> .....	S
Felton, H. L., 3, <i>B. A</i> .....	A	Harley, V. G., 4, <i>E</i> .....	A
Ferguson, G. W., 2, <i>H-S</i> .....	A	Harrington, D. M., 1, <i>P. E</i> .....	S
Fetterman, D. L., 3, <i>P. E</i> .....	S	Harris, A. F., 4, <i>B. A</i> .....	A
Finelli, M. E., 4, <i>M-L</i> .....	A	Harrison, J., Jr., 3, <i>C-B</i> .....	S
Fish, B. E., 3, <i>E</i> .....	A	Harshaw, M. B., 4, <i>P. E</i> .....	S
Fisher, L. R. K., 4, <i>C-B</i> .....	S	Hart, S. R., 1, <i>H-S</i> .....	A
Flynn, W. J., 2, <i>E</i> .....	A	Hartline, D. M., 3, <i>B. A</i> .....	A
Fohl, R. G., 3, <i>E</i> .....	A	Hartman, D. S., 4, <i>B. A</i> .....	A
Ford, E. E., 4, <i>H-S</i> .....	A	Hartman, E. J., 3, <i>E</i> .....	A
Foster, C., 2, <i>E</i> .....	A	Hartranft, R. Z., 3, <i>H-S</i> .....	A
Foster, M. H., 2, <i>B. A</i> .....	A	Hartzell, T., 1, <i>E</i> .....	A
Fox, A. V., 2, <i>E</i> .....	A	Hashizume, A., 4, <i>H-S</i> .....	A
Frey, W. H., 3, <i>B. A</i> .....	A	Hassell, R. W., 4, <i>M</i> .....	S
Fritz, J. L., 2, <i>M-L</i> .....	A	Haughton, G. B., 3, <i>E</i> .....	A
Frohner, R. N., 4, <i>C-B</i> .....	S	Hauseman, F. K., 2, <i>E</i> .....	A
Frorer, E. H., 4, <i>H-S</i> .....	A	Hearey, C. D., 4, <i>B. A</i> .....	A
Frorer, S. E., 2, <i>B. A</i> .....	A	Heefner, W. F., 2, <i>H-S</i> .....	A
Funk, E., 4, <i>E</i> .....	A	Heibel, G. E., 2, <i>E</i> .....	A
Ganser, A. K., 4, <i>M</i> .....	S	Heinaman, E. E., 3, <i>C-B</i> .....	S
Garlock, J. C., 2, <i>H-S</i> .....	A	Heller, E. E., 1, <i>H-S</i> .....	A
Gay, R. R., 2, <i>H-S</i> .....	A	Henry, W. L., Jr., 2, <i>B. A</i> .....	A
Gerhart, R. C., 4, <i>C-B</i> .....	S	Herber, D. A., 2, <i>H-S</i> .....	A
Gerson, I. M., 4, <i>C-B</i> .....	S	Hesketh, E. E., 4, <i>E</i> .....	A
Getty, P. S., 1, <i>B. A</i> .....	A	Hess, R. K., 4, <i>B. A</i> .....	A
Gibson, J. C., 1, <i>M</i> .....	S	Hessmer, E. E., 3, <i>H-S</i> .....	A
Glancy, A. A., 3, <i>C-B</i> .....	S	Hewish, A., Jr., 2, <i>C-B</i> .....	S
Glass, J. W., Jr., 2, <i>B. A</i> .....	A	Heyen, R. H., 4, <i>H-S</i> .....	A
Gottshall, F. H., 1, <i>M</i> .....	S	Hicks, J. D., 4, <i>M</i> .....	S
Gotwals, J. G., 1, <i>C-B</i> .....	S	High, R. M., 4, <i>C-B</i> .....	S
Grant, A. J., 1, <i>C-B</i> .....	S	Hill, A. M., 4, <i>E</i> .....	A

Hillegass, M. E., 3, <i>H-S</i> .....	A	Kern, L. A., 3, <i>M-L</i> .....	A
Hoagland, G. L., 2, <i>P. E</i> .....	S	Kerstetter, M. R., 4, <i>M-L</i> .....	A
Hoff, C. A., 1, <i>B. A</i> .....	A	Keyser, L. E., 1, <i>C-B</i> .....	S
Hogeland, N. A., 2, <i>P. E</i> .....	S	Kirkpatrick, D. W., 4, <i>C-B</i> .....	S
Hogg, J. H., 2, <i>P. E</i> .....	S	Kitzman, H. B., 4, <i>H-S</i> .....	A
Hoke, R. B., 3, <i>H-S</i> .....	A	Knettler, E. K., 3, <i>H-S</i> .....	A
Holden, C., 1, <i>C-B</i> .....	S	Knight, W. E., Jr., 3, <i>H-S</i> .....	A
Hoopes, K. E., 2, <i>C-B</i> .....	S	Knoblauch, B. L., 1, <i>B. A</i> .....	A
Hopkins, C. R., 1, <i>E</i> .....	A	Knoll, F. E., 1, <i>E</i> .....	A
Hopkins, G. H., 2, <i>C-B</i> .....	S	Koch, H. W., Jr., 1, <i>E</i> .....	A
Horsfall, J. R., 4, <i>H-S</i> .....	A	Kohn, M. M., 4, <i>C-B</i> .....	S
Huber, E. M., 4, <i>E</i> .....	A	Kooker, F. E., 2, <i>M-L</i> .....	A
Huckel, R. W., 2, <i>C-B</i> .....	S	Kotko, M., 4, <i>C-B</i> .....	S
Huff, W. F., Jr., 1, <i>B. A</i> .....	A	Kratz, G. D., 1, <i>B. A</i> .....	A
Hughes, W. P., Jr., 1, <i>M</i> .....	S	Kriebel, M., 3, <i>E</i> .....	A
Hunsicker, L. W., 1, <i>C-B</i> .....	S	Krusen, D. F., 2, <i>C-B</i> .....	S
Hutchinson, A. S., 2, <i>H-S</i> .....	A	Kulpinski, T. C., 1, <i>H-S</i> .....	A
Hyatt, F. K., 2d, 1, <i>M</i> .....	S	Kumjan, E. R., 3, <i>E</i> .....	A
Hyde, M. A., 3, <i>B. A</i> .....	A	Kutz, A. E., 1, <i>M</i> .....	S
Hydren, E. A., 3, <i>E</i> .....	A	Landis, N. A., 1, <i>P. E</i> .....	S
Ingersoll, D. C., 1, <i>C-B</i> .....	S	Landis, R. H., 4, <i>C-B</i> .....	S
Ingham, J. W., 3d, 1, <i>C-B</i> .....	S	Lawrence, R. M., 4, <i>H-S</i> .....	A
Irey, P. M., Jr., 3, <i>C-B</i> .....	S	Lawton, E. A., 4, <i>B. A</i> .....	A
Irvin, J. P., 1, <i>P. E</i> .....	S	Lees, D. H., 4, <i>M-L</i> .....	A
Jackson, D. H., 1, <i>B. A</i> .....	A	Lefevre, N. J., 2, <i>C-B</i> .....	S
Jacobs, D. I., Jr., 3, <i>B. A</i> .....	A	Leone, R., 4, <i>E</i> .....	A
Johnson, D. S., 1, <i>M</i> .....	S	Lerch, R. L., 3, <i>C-B</i> .....	S
Johnson, N. R., Jr., 3, <i>B. A</i> .....	A	Leshner, S. H., 4, <i>B. A</i> .....	A
Johnstone, J. L., 4, <i>P. E</i> .....	S	Leswing, H., Jr., 1, <i>B. A</i> .....	A
Jones, H. V., 4, <i>H-S</i> .....	A	Leuallen, E. C., 3, <i>C-B</i> .....	S
Jones, R. M., 4, <i>M-L</i> .....	A	Levengood, A. G., 2, <i>P. E</i> .....	S
Jones, W. B., Jr., 2, <i>C-B</i> .....	S	Lewin, D. T., 1, <i>H-S</i> .....	A
Jowett, R. L., 1, <i>C-B</i> .....	S	Linsenberg, L. R., 2, <i>M-L</i> .....	A
Judd, V. C., 4, <i>B. A</i> .....	A	Lippi, F. A., Jr., 3, <i>C-B</i> .....	S
Kapp, W. C., 3, <i>B. A</i> .....	A	Little, J. S., 1, <i>B. A</i> .....	A
Karpinski, F. E., 3, <i>C-B</i> .....	S	Lobby, J., 3, <i>C-B</i> .....	S
Keagle, P. K., 1, <i>P. E</i> .....	S	Loman, J. M., 1, <i>C-B</i> .....	S
Keagle, W. M., 1, <i>C-B</i> .....	S	Lord, M. A., 3, <i>C-B</i> .....	S
Keehn, R. E., Jr., 4, <i>H-S</i> .....	A	Lotz, A. E., 3, <i>B. A</i> .....	A
Keeler, K. I., 4, <i>M</i> .....	S	Lownes, J. P., 2, <i>E</i> .....	A
Keene, R. A., 4, <i>M-L</i> .....	A	Ludwig, R. L., 3, <i>H-S</i> .....	A
Kehoe, E. M., 2, <i>C-B</i> .....	S	Luginbuhl, R. T., 2, <i>M</i> .....	S

Lurty, L., 4, <i>E</i> .....	A	Moore, E. G., 4, <i>M</i> .....	S
Lundgren, W. L., 1, <i>C-B</i> .....	S	Morgan, D. N., 2, <i>C-B</i> .....	S
Lyons, J. C., 4, <i>C-B</i> .....	S	Morningstar, V. L., 2, <i>B. A</i> .....	A
MacCready, W. B., 1, <i>H-S</i> .....	A	Morris, F. E., 3, <i>C-B</i> .....	S
MacDade, W. H., Jr., 1, <i>C-B</i> .....	S	Morris, P. L., Jr., 3, <i>H-S</i> .....	A
MacGeorge, H., 2, <i>C-B</i> .....	S	Morrow, E. R., 1, <i>C-B</i> .....	S
MacKenzie, D. B., 2, <i>H-S</i> .....	A	Moser, P. F., 2, <i>B. A</i> .....	A
MacMahon, H. C., 2, <i>P. E</i> .....	S	Moser, R. N., 1, <i>H-S</i> .....	A
MacMurray, G., 3, <i>H-S</i> .....	A	Moyer, H., 4, <i>B. A</i> .....	A
MacNair, E. J., 3, <i>M-L</i> .....	A	Moyer, R. A., Jr., 2, <i>H-S</i> .....	A
Maeder, M. E., 3, <i>E</i> .....	A	Muller, E. P., 4, <i>H-S</i> .....	A
Maginnis, I. S., 1, <i>B. A</i> .....	A	Mulligan, C. E., 1, <i>H-S</i> .....	A
Maguire, W. T., 1, <i>C-B</i> .....	S	Musick, W. J., 2, <i>C-B</i> .....	S
Manning, J. W., 3d, 4, <i>C-B</i> .....	S	Musser, J. H., 3, <i>B. A</i> .....	A
Markel, R. E., 1, <i>B. A</i> .....	A	Naugle, T. R., 4, <i>E</i> .....	A
Marsh, H. W., 3, <i>H-S</i> .....	A	Nelson, S. B., 1, <i>C-B</i> .....	S
Maurer, J. G., 1, <i>C-B</i> .....	S	Newhard, D. J., 3, <i>E</i> .....	A
Maxwell, J. S., 2, <i>M</i> .....	S	Nissly, C. R., 1, <i>B. A</i> .....	A
Maykut, E. S., 2, <i>C-B</i> .....	S	Nissly, P. R., 2, <i>E</i> .....	A
McAllister, J. D., 3, <i>C-B</i> .....	S	Noble, R. F., 3, <i>H-S</i> .....	A
McAllister, R. M., 2, <i>C-B</i> .....	S	North, L. L., Jr., 1, <i>C-B</i> .....	S
McAllister, W. J., 1, <i>C-B</i> .....	S	Null, R. H., 4, <i>C-B</i> .....	S
McCausland, E. L., Jr., 1, <i>H-S</i> .....	A	Oberholtzer, E. R., 2, <i>C-B</i> .....	S
McConnell, R. H., 3, <i>C-B</i> .....	S	Ostroske, R. E., 4, <i>E</i> .....	A
McCorkill, M. E., 3, <i>M-L</i> .....	A	Pakenham, J. K., 3, <i>H-S</i> .....	A
McCurdy, W. F., 4, <i>H-S</i> .....	A	Parks, E. G., Jr., 1, <i>M</i> .....	S
McElhinney, J., 2, <i>M</i> .....	S	Pastras, T., 1, <i>C-B</i> .....	S
McElwee, S. G., 3, <i>B. A</i> .....	A	Patterson, J. L., 2, <i>M-L</i> .....	A
McFarland, R. H., 3d, 2, <i>B. A</i> .....	A	Pawling, A. C., 3, <i>B. A</i> .....	A
McGowen, D. J., 1, <i>M</i> .....	S	Perkins, B. S., 1, <i>C-B</i> .....	S
McLaughlin, H., Jr., 4, <i>M</i> .....	S	Peterson, M. E., 2, <i>C-B</i> .....	S
McMurtrie, E., 4, <i>M-L</i> .....	A	Peterson, W. A., 1, <i>B. A</i> .....	A
Meade, F. S., Jr., 4, <i>M</i> .....	S	Phipps, W., Jr., 2, <i>H-S</i> .....	A
Melson, R. D., 1, <i>H-S</i> .....	A	Pollock, E. M., 3, <i>M-L</i> .....	A
Meunier, J. E., 2, <i>M-L</i> .....	A	Power, R. E., 1, <i>P. E</i> .....	S
Miller, C. V., 3, <i>B. A</i> .....	A	Puleo, J. S., 1, <i>C-B</i> .....	S
Miller, F. D., 2, <i>C-B</i> .....	S	Raban, R. J., 1, <i>C-B</i> .....	S
Miller, G. E., 3, <i>C-B</i> .....	S	Ragsdale, W. W., 1, <i>C-B</i> .....	S
Mitchell, C. B., 2, <i>C-B</i> .....	S	Rapp, R., 1, <i>C-B</i> .....	S
Moelter, R. T., 1, <i>B. A</i> .....	A	Rauhauser, J. F., Jr., 3, <i>H-S</i> .....	A
Moffat, S. L., 3, <i>E</i> .....	A	Reber, E. J., 4, <i>C-B</i> .....	S
Moore, C. D., 1, <i>H-S</i> .....	A	Reed, G., 2, <i>C-B</i> .....	S

## Lists of Students

127

Reed, H. S., 2, <i>M-L</i> .....	A	Shollenberger, H. R., Jr., 3, <i>B. A.</i> ....	A
Reese, B. I., 1, <i>E.</i> .....	A	Showalter, H. L., Jr., 3, <i>B. A.</i> .....	A
Reifsnnyder, D., 4, <i>B. A.</i> .....	A	Shuster, G. F., Jr., 2, <i>H-S</i> .....	A
Reiff, F. S., 4, <i>P. E.</i> .....	S	Shuster, H., 2, <i>P. E.</i> .....	S
Reinert, D. H., 1, <i>C-B</i> .....	S	Shuttleworth, J. E. S., 2, <i>C-B</i> .....	S
Replogle, B. A., 2, <i>E.</i> .....	A	Simpson, M. E., 4, <i>E.</i> .....	A
Rex, J. H., Jr., 3, <i>C-B</i> .....	S	Smith, C. R., 2, <i>B. A.</i> .....	A
Richard, C. S., 1, <i>H-S</i> .....	A	Smith, E. J., 2, <i>H-S</i> .....	A
Richards, J. L., Jr., 1, <i>B. A.</i> .....	A	Smith, H. E., 2, <i>M.</i> .....	S
Richter, N. A., 3, <i>C-B</i> .....	S	Smith, H. I., 3, <i>E.</i> .....	A
Riegel, R. F., 1, <i>E.</i> .....	A	Smith, W. S., 3d, 3, <i>C-B</i> .....	S
Ritrovato, R. A., 2, <i>C-B</i> .....	S	Snead, P. B., 4, <i>E.</i> .....	A
Robbins, M. S., 3, <i>H-S</i> .....	A	Snyder, A. D., 4, <i>B. A.</i> .....	A
Roberts, J. M., 4, <i>P. E.</i> .....	S	Snyder, C. K., 4, <i>H-S</i> .....	A
Robinson, A. N., 3, <i>E.</i> .....	A	Snyder, K. E., 4, <i>P. E.</i> .....	S
Robinson, R. E., 2, <i>M-L</i> .....	A	Snyder, L. M., 4, <i>C-B</i> .....	S
Rogalinski, H. E., 1, <i>C-B</i> .....	S	Snyder, R. C., 3, <i>H-S</i> .....	A
Roncace, F., 3, <i>M.</i> .....	S	Snyder, W. D., 4, <i>H-S</i> .....	A
Root, K. E., 4, <i>E.</i> .....	A	Snyder, W. M., 4, <i>C-B</i> .....	S
Ross, J. E. A., 4, <i>M.</i> .....	S	Solomon, M. L., 3, <i>H-S</i> .....	A
Runkle, S. F., 4, <i>E.</i> .....	A	Sower, S. R., 4, <i>C-B</i> .....	S
Sacks, J., 1, <i>B. A.</i> .....	A	Spohn, G. S., 2, <i>H-S</i> .....	A
Sadler, S. E., 4, <i>E.</i> .....	A	Staples, S. M., 3, <i>H-S</i> .....	A
Santoro, C., 4, <i>H-S</i> .....	A	Starr, M. M., 3, <i>E.</i> .....	A
Scheffey, D. T., 1, <i>C-B</i> .....	S	Steen, G. H., 1, <i>H-S</i> .....	A
Schleinkofer, D. W., 2, <i>C-B</i> .....	S	Steinfeld, E. B., 1, <i>E.</i> .....	A
Schlotterer, T. K., 2, <i>C-B</i> .....	S	Steinmetz, C. W., 4, <i>M-L</i> .....	A
Schultz, B. B., 3, <i>M.</i> .....	S	Stettenbenz, A. E., 4, <i>C-B</i> .....	S
Schultz, E. C., 1, <i>C-B</i> .....	S	Stevenson, E. E., 1, <i>C-B</i> .....	S
Scott, F. W., 1, <i>C-B</i> .....	S	Stewart, E. E., 4, <i>M-L</i> .....	A
Scott, I., 3, <i>M-L</i> .....	A	Stocker, M. E., 1, <i>E.</i> .....	A
Seibert, M. L., 4, <i>H-S</i> .....	A	Stone, M. A., 2, <i>E.</i> .....	A
Selfridge, W. J., Jr., 2, <i>H-S</i> .....	A	Stoots, J. E., 2, <i>B. A.</i> .....	A
Shearer, M. E., 4, <i>H-S</i> .....	A	Strange, T. E., 1, <i>B. A.</i> .....	A
Sheppard, J. M., 3, <i>B. A.</i> .....	A	Strauss, D. L., 3, <i>M.</i> .....	S
Shirey, B. C., 1, <i>B. A.</i> .....	A	Strunk, A. E., 1, <i>E.</i> .....	A
Shirtz, V., 3, <i>H-S</i> .....	A	Studenmund, J. T., 3, <i>H-S</i> .....	A
Shisler, D. K., 3, <i>H-S</i> .....	A	Sturges, N. E., 3, <i>E.</i> .....	A
Shissias, N. T., 2, <i>C-B</i> .....	S	Sutcliffe, W. H., 1, <i>E.</i> .....	A
Shlanta, M., 4, <i>C-B</i> .....	S	Swartley, C., 1, <i>E.</i> .....	A
Shoemaker, R. G., 3d, 3, <i>C-B</i> .....	S	Swift, F. W., 4, <i>B. A.</i> .....	A
Shoffner, V. M., 3, <i>M-L</i> .....	A	Tallis, E. J., 1, <i>E.</i> .....	A



Taylor, L. M., 4, <i>P. E.</i> .....S	Wenhold, R. A., 2, <i>C-B.</i> .....S
Taxis, J. O., 4, <i>H-S.</i> .....A	Wesemann, I. L., 2, <i>M-L.</i> .....A
Teglassy, P. B., 3, <i>E.</i> .....A	Whitney, E. M., 2, <i>M-L.</i> .....A
Thayer, A. E., 1, <i>E.</i> .....A	Widdicombe, C. R., 2, <i>M.</i> .....S
Thierolf, F. H., 4, <i>E.</i> .....A	Wiley, M. A., 1, <i>E.</i> .....A
Thomas A. M., 2, <i>B. A.</i> .....A	Wilhelm, F. H., 1, <i>B. A.</i> .....A
Thomas, D. A., 3, <i>H-S.</i> .....A	Williams, W. A., 4, <i>B. A.</i> .....A
Thomas, J. L., 1, <i>B. A.</i> .....A	Wilson, P. J., Jr., 4, <i>B. A.</i> .....A
Thompson, E., 4, <i>B. A.</i> .....A	Wilt, F. V., 1, <i>E.</i> .....A
Thompson, F. A., 4, <i>B. A.</i> .....A	Winkelman, N. W., Jr., 2, <i>C-B.</i> .....S
Thurston, D. A., 2, <i>M-L.</i> .....A	Wise, H., 4, <i>P. E.</i> .....S
Tippett, J. H., 1, <i>C-B.</i> .....S	Wise, J. B., 4, <i>H-S.</i> .....A
Tkacz, A. P., 2, <i>C-B.</i> .....S	Wise, P. L., 3, <i>H-S.</i> .....A
Tolbert, E. E., 3, <i>C-B.</i> .....S	Wismer, E. F., Jr., 3, <i>H-S.</i> .....A
Tomlinson, W. F., 3, <i>C-B.</i> .....S	Wismer, M. E., 2, <i>E.</i> .....A
Toulon, N. T., 3d, 3, <i>B. A.</i> .....A	Witman, H. J., Jr., 3, <i>C-B.</i> .....S
Tracy, M. A., 3, <i>H-S.</i> .....A	Witmer, C. M., 2, <i>C-B.</i> .....S
Trout, D. H., 1, <i>E.</i> .....A	Witmer, M. S., 3, <i>E.</i> .....A
Trout, E. L., 4, <i>E.</i> .....A	Wood, F. A., Jr., 3, <i>H-S.</i> .....A
Troxell, V. D. S., 3, <i>H-S.</i> .....A	Worthing, L. O., 1, <i>H-S.</i> .....A
Tuers, J. L., 2, <i>E.</i> .....A	Worthing, R., 3, <i>C-B.</i> .....S
Urich, J. E., 2, <i>E.</i> .....A	Yates, R. R., 1, <i>P. E.</i> .....S
Usinger, E. V., 4, <i>E.</i> .....A	Yeager, W. M., 1, <i>M-L.</i> .....A
Vernon, W. G., Jr., 1, <i>C-B.</i> .....S	Yeamans, J. E., 2, <i>H-S.</i> .....A
Vink, J., 2, <i>E.</i> .....A	Yoder, M. L., Jr., 4, <i>C-B.</i> .....S
vonKleeck, R. J., 4, <i>P. E.</i> .....S	Yoh, R. C., 4, <i>E.</i> .....A
Voss, J. M., 4, <i>B. A.</i> .....A	Zapotocki, S. J., 2, <i>H-S.</i> .....A
Wadsworth, S. R., 1, <i>C-B.</i> .....S	Zeller, K. M., 2, <i>C-B.</i> .....S
Wagner, E. L., 1, <i>C-B.</i> .....S	Zeigler, J. F., 1, <i>H-S.</i> .....A
Walichuck, J. G., 4, <i>C-B.</i> .....S	Zerki, M. R., 3, <i>H-S.</i> .....A
Walters, G. E., 2, <i>E.</i> .....A	Zimmerman, A. G., 2, <i>H-S.</i> .....A
Wanner, N. M., 1, <i>B. A.</i> .....A	Zoll, E. M., 3, <i>E.</i> .....A
Weaver, M. A., 1, <i>H-S.</i> .....A	Zvarick, A. J., 4, <i>C-B.</i> .....S
Webb, J. L., 2, <i>H-S.</i> .....A	
Weber, A. E., 3, <i>E.</i> .....A	
Weber, L. J., 2, <i>E.</i> .....A	
Weidenhammer, R. J., 4, <i>C-B.</i> .....S	
Weiland, T. F., 3, <i>C-B.</i> .....S	
Weisgerber, W. E., 2, <i>C-B.</i> .....S	
	SPECIAL STUDENTS
	Allanson, E. M. ....E
	Beers, L. T. ....H-S
	Shaw, L. F. ....C-B

# Lists of Students

129

## GENERAL SUMMARY, 1939-40

### STUDENTS IN THE COLLEGE

The Mathematics Group .....	32
The Chemistry-Biology Group .....	161
The History-Social Science Group .....	120
The English Group .....	93
The Modern Languages Group .....	3
The Business Administration Group ..	93
The Physical Education Group .....	30
Specials .....	3
<hr/>	
Total .....	565

# PRIZES, HONORS AND DEGREES

Awarded in 1938-39

## PRIZES

- THE PHILIP H. FOGEL MEMORIAL PRIZE—Paul Philip Haas  
THE E. L. WAILES MEMORIAL PRIZE—Garnet Oliver Adams, Dorothy Marie Brosz  
THE ROBERT TRUCKESS PRIZE—William Murphy Power, Samuel Sechrist Laucks, Jr.  
THE ELIZABETH ROCKEFELLER MCCAIN PRIZE—Kenneth Eugene Dear-dorff, Harry Leroy Showalter, Jr.  
THE BOESHORE PRIZE—June Elizabeth Meunier  
THE CARL SCHURZ MEMORIAL FUND GERMAN PRIZE—Charles Wilson Steinmetz  
THE URSINUS WOMAN'S CLUB PRIZE—Ruth Shoemaker  
THE URSINUS CIRCLE PRIZE—Mildred Evelyn Gebhard  
THE VARSITY CLUB TROPHY—No Award  
THE PRESIDENT'S AWARD—William Murphy Power  
THE INTER-MURAL CHAMPIONSHIP AWARD—Brodbeck
- OPEN SCHOLARSHIP AWARDS:
- |                      |                             |
|----------------------|-----------------------------|
| Mary Virginia Ernest | Llewellyn William Hunsicker |
| Edgar Elwood Heller  | Wilma Betty MacCready       |
| Leon Levi North, Jr. |                             |

## HONORS

### DEPARTMENT HONORS

- BIOLOGY—Harry Eugene Hile  
CHEMISTRY—William Cromwell Ellenbogen  
FRENCH—Bernice Kulp Grubb, Bernice B. Hedrick  
HISTORY—Paul Philip Haas, William Lloyd Yeomans  
MATHEMATICS—Allen Shoudy Dunn, Jr.  
PHILOSOPHY—Samuel Sechrist Loucks, Jr.  
POLITICAL SCIENCE—Mabel Bearne Ditter  
RELIGION—William Engles Wimer

### GRADUATION HONORS

- VALEDICTORY—Bernice Kulp Grubb  
SALUTATORY—Mabel Bearne Ditter

## DEGREES, 1938-39

- DOCTOR OF DIVINITY (Honorary)—The Rev. John K. Stoudt, The Rev. Paul Martin Schroeder
- DOCTOR OF PEDAGOGY (Honorary)—Mrs. Jessie Royer Greaves
- DOCTOR OF SCIENCE (Honorary)—Ovid Wallace Eshbach
- DOCTOR OF LAWS (Honorary)—Norris Delaplain Wright, Abraham Hunsicker Hendricks, Albert Croll Baugh
- BACHELOR OF ARTS, *Magna Cum Laude*—Mabel Bearne Ditter, Bernice Kulp Grubb, Bernice B. Hedrick
- BACHELOR OF SCIENCE, *Magna Cum Laude*—Allen Shoudy Dunn, Jr.
- BACHELOR OF ARTS, *Cum Laude*—Norman Fuerman, Paul Philip Haas, Edith Mary Houck, Samuel Sechrist Laucks, Jr., Margaret Lucker, Dorothy Jeanne Peoples, Lillian Gertrude Slotterer
- BACHELOR OF SCIENCE, *Cum Laude*—Lillian Margaret Bedner, Franklin Earnest, III, Harry Eugene Hile, Jr., Howard Bradley Smith
- BACHELOR OF ARTS—Alfred Clinton Bartholomew, Isabel Hopkins Bartholomew, Mildred Ruth Boyer, Flora Marie Bronson, Lester Calvin Brown, Roberta Jonathanna Byron, Alice Verna Cressman, Harry Carlton Davis, Elizabeth Shaw Deitz, Mabel Bearne Ditter, Nelson Cuthbert Doland, Jr., Harold Furman Edwards, Robley William Ehret, Glenn Edgar Eshbach, Geraldine Blanche Felton, Gene Davis Fillman, Norman Fuerman, Doris Hewes Gallagher, Mildred Evelyn Gebhard, Alfred Gemmell, Lois Elizabeth Geywitz, Frederick Franklin Glatfelter, Ruth Emma Grauert, Robert Edwin Gross, Bernice Kulp Grubb, Margaret Thorn Haas, Paul Philip Haas, Raymond Edmond Harbaugh, Renee Seip Harper, Bernice B. Hedrick, Frances Ruth Heinly, Edith Mary Houck, Dorothy Naomi Hutt, Albert George Kaplan, Marion Kathryn Kershner, John William Kinsella, Calvin C. Klebe, Samuel Sechrist Laucks, Jr., Robert Albin LeCron, Grace Downey Lees, Helen Frances Lees, Geraldine Mae Long, Mary Louise Long, Margaret Lucker, Dorothea Ada McCorkle, Florence Dorothy Mennies, Aaron Ralph Miller, Ida Elizabeth Moore, Gertrude Florence Mullen, Aaron Henry Otto, Dorothy Jeanne Peoples, Elizabeth Jane Poling,

William Murphy Power, Mildred Mae Sattazahn, Elizabeth Mary Seidle, Ruth Shoemaker, William Robert Shuster, Helen Louise Skilling, Lillian Gertrude Slotterer, Alma Ford Stiteler, Mary Helen Stoudt, William Elliott Towsey, Jr., Roger Linker Wardlow, Adam Gromis Warner, William Engels Wimer, William Lloyd Yeomans, Ada Geraldine Yerger

BACHELOR OF SCIENCE—Harriet Catherine Adams, Henry Harr Alderfer Lillian Margaret Bedner, Anthony Clement Calabrese, Margaret Elinor Clafin, Morris Bates Clark, Jr., Edna Spangler Cope, Evelyn Sacks Cornish, Gladys Douglass Daugherty, Ruth Anna Detwiler, Marycatherine Diefenderfer, James Heppenstall Dietz, Allen Shoudy Dunn, Jr., Franklin Earnest, III, William Cromwell Ellenbogen, Frank Joseph Frosch, Jr., Raymond Victor Gurzynski, William Howard Gushard, Ivan W. Hess, Harry Eugene Hile, Jr., Elmer Clifford Laudenslager, Henry Prather Laughlin, George Meredith Meklos, Marjorie Adele Mortimer, Virginia Mae Nagel, Ellwood Spencer Paisley, Eleanor Louise Rothermel, James Russo, Kenneth Hunting Seagrave, Ruth Doris Seidel, Howard Bradley Smith, Margaret Virginia Svit, Fred George Todt, Pauline Marion Walters

## ALUMNI ORGANIZATIONS

### 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.

#### OFFICERS FOR 1939-40

- President*—HAROLD D. STEWARD, A.M., '07, Hillside, N. J.  
*Vice-President*—EDGAR T. ROBINSON, A.M., '14, Phoenixville, Pa.  
*Secretary-Treasurer*—CALVIN D. YOST, JR., PH.D., '30, Collegeville, Pa.  
*Historian*—MABEL HOBSON FRETZ, A.B., '06, Collegeville, Pa.

#### URSINUS ALUMNI ASSOCIATION OF YORK

- President*—PRESTON E. ZIEGLER, A.M., '17, Wrightsville, Pa.  
*Vice-President*—ANN BEDDOW DIETZ, A.B., '20, York, Pa.  
*Secretary*—DOROTHY BECK MACBRIDE, A.B., '30, 445 West Market Street, York, Pa.  
*Treasurer*—GORDON W. SPANGLER, B.S., '36, York, Pa.  
*Business Manager*—DOROTHY E. HORNE, A.B., '35, York, Pa.

#### URSINUS ALUMNI ASSOCIATION OF PHILADELPHIA

- President*—SHERMAN A. EGER, M.D., '25, Philadelphia, Pa.  
*Vice-President*—CORA GULICK HEDRICK, A.M., '28, Phoenixville, Pa.  
*Secretary*—ISABEL JOHNSON HELFFERICH, A.B., 110 Windsor Avenue, Upper Darby, Pa.  
*Treasurer*—EDWARD J. KNUDSEN, B.S., '35, Mantua, New Jersey

#### THE LEHIGH VALLEY ALUMNI ASSOCIATION

- President*—REV. R. MAXWELL PAINE, A.B., '26, Slatington, Pa.  
*Vice-President*—REV. REGINALD H. HELFFERICH, A.B., '28, Bath, Pa.  
*Secretary*—ANNA B. THOMAS, A.B., '30, 427 South Street, Slatington, Pa.  
*Treasurer*—C. C. HELFFERICH, M.B.A., '24, Allentown, Pa.

## URSINUS ALUMNI ASSOCIATION OF NEW YORK

*President*—HAROLD D. STEWARD, A.M., '07, Hillside, New Jersey

*Vice-President*—HOWARD T. HERBER, PH.D., '25, New York

*Secretary*—WINIFRED DERR GARDNER, A.B., '26, 30 Schermerhorn Street, Brooklyn, New York

*Treasurer*—WILLIAM F. LAWRENCE, A.M., '33, Somerville, New Jersey

## URSINUS ALUMNI ASSOCIATION OF READING

*President*—JOHN H. BISBING, M.D., '25, Reading, Pa.

*Secretary*—RUTH E. SEITZ, B.S., '37, 235 Oak Terrace, Mt. Penn, Pa.

## URSINUS ALUMNI ASSOCIATION OF LANCASTER

*President*—A. MELVILLE BILLMAN, A.B., '12, Harrisburg, Pa.

*Secretary*—MARY HELEN ALSPACH, A.B., '36, 441 North Duke Street, Lancaster, Pa.

## URSINUS ALUMNI ASSOCIATION OF NORRISTOWN

*President*—NELSON P. FEGLEY, LL.B., '07, Norristown, Pa.

*Vice-President*—JOHN B. PRICE, M.D., '05, Norristown, Pa.

*Secretary*—CALVIN D. YOST, JR., PH.D., '30, Collegetown, Pa.

*Treasurer*—CAROLINE B. RHODES, A.B., '38, Norristown, Pa.

## THE ALUMNI ATHLETIC CLUB

*President*—MALCOLM M. DERK, B.S., '26, Wyncote, Pa.

*Vice-President*—J. HAROLD BROWNBACK, Sc.D., '21, Trappe, Pa.

*Secretary*—JOHN C. MARKLEY, B.S., '24, Schwenksville, Pa.

*Treasurer*—STANLEY OMWAKE, M.B.A., '31, Collegetown, Pa.

## THE URSINUS WOMAN'S CLUB

*President*—FLORENCE O. BENJAMIN, A.B., '30, Chester, Pa.

*Vice-President*—ELIZABETH AUSTERBERRY WISMER, A.B., '10, Pottstown, Pa.

*Secretary*—ELMINA R. BRANT, B.S., '31, R. D. 2, Norristown, Pa.

*Treasurer*—LOIS HOOK BROWNBACK, A.B., '21, Trappe, Pa.

## INDEX

Absences .....	23	Heredity .....	27
Admission .....	21	History, Courses in .....	46
By Certificate .....	21	Historical Statement .....	6-9
Examinations for .....	21	Honors .....	74, 130
Requirements for .....	21	Latin, Courses in .....	48
Terms of .....	21	Library .....	93
Alumni Organizations .....	133	Loan Fund .....	88
Anatomy .....	27	Mathematics, Courses in .....	49
Astronomy .....	49	Matriculation .....	23
Bequests .....	10	Medical Service .....	89
Bible, Courses in .....	59	Musical Service .....	51
Bills, <i>see</i> EXPENSES.		Music, Courses in .....	81
Biology, Courses in .....	26	Music, Private Lessons .....	82
Bomberger Memorial Hall .....	90	Music Scholarship .....	9
Botany, <i>see</i> BIOLOGY.		Needs .....	14
Buildings .....	90	Officers of Administration .....	77
Calendar .....	5	Organizations .....	81
Charter .....	6-8	Payments .....	54
Chemistry, Courses in .....	28	Philosophy, Courses in .....	41
College Principles .....	24	Physical Education .....	89
Commencement Day .....	5	Physician .....	55
Committees of Board of Directors .....	12	Physics, Courses in .....	57
Committees of the Faculty .....	20	Politics, Courses in .....	130
Comprehensive Examinations .....	63	Prizes, Awarded .....	74
Counselors .....	24	Prizes, List of .....	58
Courses of Instruction .....	26	Psychology, Courses in .....	78
Degrees .....	77	Publications .....	59
Bachelor of Arts .....	65, 131	Public Speaking .....	24
Bachelor of Science .....	65, 131	Public Worship .....	93
Directors of the College .....	11	Reading Room .....	23
Domestic Life .....	25	Registration .....	59
Dormitories .....	91	Religion, Courses in .....	64
Economics .....	29	Requirements for Graduation .....	91
Education, Courses in .....	31	Residence of Students .....	89
Eger Gateway .....	93	Resident Nurse .....	35
English, Courses in .....	35	Rhetoric, Courses in .....	73
Ethics, Courses in .....	54	Scholarship, Grades .....	87
Expenses .....	79	Scholarship Prizes .....	82
Faculty .....	15	Scholarships, List of .....	90
French, Courses in .....	38	Science Building .....	60
German, Courses in .....	39	Sociology .....	60
Government, Courses in .....	57	Spanish, Courses in .....	22
Graduation .....	64	Special Students .....	94
Greek, Courses in .....	41	Students, List of .....	119
Group Advisers .....	20, 24	Music .....	129
Groups of Courses .....	66	Summary .....	122
Chemistry-Biology .....	67	Directory of .....	92
Business Administration .....	71	Superhouse .....	78
English .....	69	Supply Store .....	89
History-Social Science .....	68	Teacher Placement Bureau .....	5
Mathematics .....	66	Terms and Vacations .....	
Modern Language .....	70	Tuition, <i>see</i> EXPENSES.	
Physical Education .....	72	Ursinus College.	
Gymnasium .....	91	Charter .....	6-8
Health and Physical Education,		Women, Admission to College ..	9
Courses in .....	41	Zoology, Courses in .....	26



# THE URSINUS COLLEGE BULLETIN

Entered at the Post Office at Collegeville,  
Pennsylvania, as Second Class Mail Matter

- I First Quarter. THE CATALOGUE
- II Second Quarter. ALUMNI REGISTER
- III Third Quarter. SPECIAL ANNOUNCEMENTS
- IV Fourth Quarter. REPORTS OF OFFICERS

Copies of any of the above publications may be had on application to the Registrar of Ursinus College, Collegeville, Pa.