

Lebanon Valley College

BULLETIN

VOL. 15 (NEW SERIES) FEBRUARY, 1927


No. 11



SUMMER SCHOOL NUMBER
1927

ANNVILLE - HARRISBURG

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*Lebanon Valley
College*

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SUMMER SCHOOL NUMBER

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ANNVILLE - HARRISBURG

CALENDAR

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

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

Summer School Calendar

June 20—Registration of Students

June 20—Summer Session Begins

July 29—Summer Session Ends

Executive Committee of the Summer School

GEORGE DANIEL GOSSARD, <i>Chairman</i>	
HON. AARON S. KREIDER	S. H. DERICKSON
J. R. ENGLE, <i>Esq.</i>	SAMUEL O. GRIMM, <i>Registrar</i>
R. R. BUTTERWICK	CHRISTIAN R. GINGRICH
	<i>Secretary</i>

Faculty Committee of Summer School

GEORGE DANIEL GOSSARD, <i>Chairman</i>	
CHRISTIAN R. GINGRICH, <i>Secretary</i>	S. H. DERICKSON
SAMUEL O. GRIMM, <i>Registrar</i>	O. EDGAR REYNOLDS
R. R. BUTTERWICK	

Officers of Administration and Instruction

GEORGE DANIEL GOSSARD, B.D., D.D.....*President*

SAMUEL O. GRIMM, A.M.....*Registrar*

CHRISTIAN R. GINGRICH.....*Secretary of the Summer School*

HIRAM H. SHENK, A.M.....*Professor of History*

A. B., Ursinus College, 1899; A. M., Lebanon Valley College, 1900; Student, University of Wisconsin, summer term; Instructor in Political Science, Lebanon Valley College, 1899-1900; Professor of History and Political Science, 1900-1916; Custodian of Public Records, Pennsylvania State Library, 1916 to date; Instructor in Y. M. C. A. Summer Schools, Blue Ridge, N. C., 1916-1920, Silver Bay, 1918, and Lake Geneva, 1921; Educational Secretary, Army Y. M. C. A., Camp Travis, 1917-1918; Professor of History, Lebanon Valley College, 1920—

SAMUEL H. DERICKSON, M.S.....*Professor of Biological Science*

B. S., Lebanon Valley College, 1902; graduate student, Johns Hopkins University, 1902-1903; M. S., Lebanon Valley College, 1903; Professor of Biological Science, Lebanon Valley College, 1903; Land Zoologist, Bahama Expedition, Baltimore Geographical Society, summer 1904; Director, collection of Eocene and Miocene Fossils for Vassar College, summer 1908; Student, Marine Biology, Bermuda, summer 1909; Student Tropical Botanical Gardens, Jamaica, summer 1910; Student Brooklyn Institute of Arts and Sciences, summer 1911; Acting President of Lebanon Valley College, summer 1912; Fellow American Association for the Advancement of Science, Member The Botanical Society of America, the Phytopathological Society of America.

SAMUEL OLIVER GRIMM, B.Pd., A.M.....*Mathematics*

Millersville State Normal School, 1907; B.Pd., *ibid.*, 1910; A. B., Lebanon Valley College, 1912; A. M., *ibid.*, 1917; Columbia University, 1914-1916; Professor of Education and Physics, Lebanon Valley College, 1915. Registrar, Lebanon Valley College, 1920—

CHRISTIAN R. GINGRICH, A.B., LL.B., *Professor of Political Science and Economics*

A. B., Franklin and Marshall College, 1911; Principal of High School, Alexandria, Pa., 1911-1912; Principal of High School, Lingestown, Pa., 1912-1913; LL.B., University of Pennsylvania Law School, 1916; Member of Law Bar of Lebanon County and of Pennsylvania Supreme Court Bar; Professor of Political Science and Economics, Lebanon Valley College, 1916—

MRS. MARY C. GREEN.*Professor of French and Dean of Women*

Student, New York Conservatory of Music, 1896-97; Private Teacher of Piano, 1897-1900; Travel and Study: Berlin, 1900-01; Paris, 1901-1909; Florence, 1909-10; Johannesburg, 1910-11; Paris, 1911-14; Instructor in French, Lebanon Valley College, 1916-20; summer 1923, Ecole des Vacances, Paris; Professor of French and Dean of Women, Lebanon Valley College, 1920—

ANDREW BENDER, Ph.D.....*Professor of Chemistry*

A. B., Lebanon Valley College, 1906; Ph.D., Columbia University, 1914; Professor of Chemistry and Physics, Lebanon Valley College, 1907-1909; Instructor in Analytical Chemistry, Columbia University, 1912-1914; In Industrial Chemistry, 1914-1921; Chief Chemist, Aetna Explosives Company; Chemical Director, British American Chemical Company; Director of Control Laboratory, The Barrett Company; Professor of Chemistry, Lebanon Valley College, 1921—

ROBERT R. BUTTERWICK, A.M., D.D., *Professor of Philosophy and Bible*

A. B., Lebanon Valley College, 1901; A. M., *ibid.*, 1904; B. D., Bonebrake Theological Seminary, 1905; D.D., Lebanon Valley College, 1910; twenty-six years in the Ministry; Professor of Philosophy and Religion, Lebanon Valley College, 1921-1922; Professor of Philosophy and Bible, 1922—

PAUL S. WAGNER, Ph.D.....*Professor of Mathematics*

A. B., Lebanon Valley College, 1917; M. A., Johns Hopkins University, 1925; Ph.D., Johns Hopkins University, 1926; Instructor in Mathematics, Lebanon Valley College, 1917-18; Military Service, 1918-19; Headmaster, Franklin Day School, Baltimore, Md., and graduate student, Johns Hopkins University, 1919-20; Y. M. C. A. Educational Conference, Silver Bay, N. Y., Summer 1920; Graduate Student, Columbia University, Summer 1921; Instructor in Mathematics, Lebanon Valley College, 1920—Travel and study in Europe, Summer 1922; Graduate Study, Johns Hopkins University, 1923-1926; Professor Mathematics, Lebanon Valley College, 1926—

HAROLD BENNETT, Ph.D., *Josphine Bittinger Eberly Professor of Latin Language and Literature.*

B.A., Victoria College, University of Toronto, 1915; military service with Canadian Expeditionary Forces, 1915-1918; Fellow in Latin, University of Chicago, 1919-1921; Ph.D., University of Chicago, 1921; Professor of Latin, College of Charleston, Charleston, S. C., 1921-1922; Professor of Latin Language and Literature, Lebanon Valley College, 1922—

ETHEL MARY BENNETT, B.A., *Professor of French and German*

B.A., Victoria College, University of Toronto, 1915; in charge of Modern Language Department, Ontario Ladies' College, Whitby, Ont., 1915-1919; Tutor in French and German, University of Chicago, 1920-1921; Graduate Student, Univ. of Chicago, Summer, 1922; Professor of French Literature, Lebanon Valley College, 1922—

EVERETT E. MYLIN, A.M.....*Assistant Professor of History*

A. B., Franklin and Marshall College, 1916; A. M., *ibid.*, 1917; Officers Training Camp, Ft. Niagara, Summer of 1917; twenty-nine months U. S. Army; Athletic Officer in charge of Athletics 79th Division, A. E. F., Spring 1919; Instructor in Mathematics and Coach Massanutten Military Academy, 1919-20; Coach Iowa State College, 1920-23; Lebanon Valley College, 1923—

O. EDGAR REYNOLDS, M.A., *Professor of Education and Psychology*

Teacher, Principal and Superintendent of Schools, 1903-1913; Diploma, Illinois State Normal University, 1914; A. B., University of Illinois, 1916; M. A., Columbia University, 1917; Head of the Department of Education and Psychology, College of Puget Sound, 1917-1920; Student Leland Stanford University, Summer quarter, 1920; Professor of Psychology and Education, University of Rochester, 1920-1923; Student Columbia University, Summers 1921 and 1922; Completed course and residence requirements for Ph.D. Degree, Columbia University, 1923-1924; Assistant in School Administration, Teachers College, Columbia University, Summer 1924; Professor of Education and Psychology, Lebanon Valley College, 1924—

PAUL A. W. WALLACE, Ph.D.....*Professor of English*

B. A., Victoria College, University of Toronto, 1915; Military service with Canadian Expeditionary Forces, 1915-1918; Lecturer in English, University of Alberta, 1919-1922; M. A., 1923, Ph. D., 1925, University of Toronto; Instructor in English, University of Toronto, 1923-1925; Professor of English, Lebanon Valley College, 1925—

MILTON L. STOKES, M.A., LL.B., *Professor of Business Administration*

B.A., University College, University of Toronto, 1920; Professor of English and History, Presbyterian College, Moose Jaw, Saskatchewan, 1920-21; M.A., University of Toronto, 1922; Lecturer in Finance and Government, McMaster University, Toronto, 1922-23; LL.B., University of Toronto, 1926; Lecturer in Economics Extension Dept., University of Toronto, 1923-26; Barrister-of-Law Degree, Osgoode Hall Law School, Toronto, 1926; Member of the Bar, Province of Ontario. Professor of Business Administration, Lebanon Valley College, 1926—

MARY KATHRYN WALLACE, A.M., *Associate Professor of English*

A.B., Ohio Wesleyan University, 1923; Frances E. Bennett Scholar in English, University of Pennsylvania, 1923-24; re-awarded Scholarship for 1924-25; A.M., University of Pennsylvania, 1924; Instructor in English, Ohio Wesleyan University, 1924-25; Instructor in English, Hollins College, Hollins, Va., 1925-26; Associate Professor of English, Lebanon Valley College, 1926—

VERNON L. MANGUN, Ph.D. . . . *Assistant Professor of Education*

B.A., Cornell College, 1908; M.A., University of Iowa, 1913; Ph.D., Teachers College, Columbia University, 1925; Principal and Superintendent of Schools, 1908-1913; Head of Department of English, Teachers College, Winona, Minn.; Superintendent of Schools, 1915-1918; President of Bottineau State Normal School, 1918-1923; Assistant Professor of Education, University of New Hampshire, 1925—

CLAUDE S. CHAPPELEAR, M.A., *Assistant Professor of Education*

B.S., Greenville College, 1917; M.A., Teachers College, Columbia University, 1925; Graduate Student, University of Wisconsin, Summer 1921; Graduate Student, Harvard University, Summer, 1924; Graduate Student, Teachers College, Columbia University, 1924-1927; Superintendent of Schools, 1917-1924; Assistant Professor of Education, State Teachers College, Fredericksburg, Virginia, Summers, 1925, 1926.

HELEN ETHEL MYERS, A.B. *Librarian*

A. B., Lebanon Valley College, 1907; Drexel Institute Library School, 1908; Assistant New York Public Library, 1908-1910; Cataloger, University of Chicago Library, 1910-1911; Librarian, Public Library, Lancaster, Pa., 1912-1921; Member American Library Association; Lebanon Valley College Librarian, 1921—



ADMINISTRATION BUILDING

GENERAL STATEMENT

THE seventh Summer Session of Lebanon Valley College will be conducted both in Annville and in Harrisburg. Exercises in each subject will be held five times a week, from June 20 to July 29, inclusive. All courses, except some in science, will be held in the morning.

One Summer School will be held as usual on the campus at Annville, where the full college equipment will be placed at the disposal of summer students.

A Summer School will also be conducted at Harrisburg for the convenience of teachers in this vicinity who wish to complete, by means of summer courses, the residence requirements towards their degrees. For this purpose the Edison Junior High School has been made available by the kindness of the Harrisburg School District.

REGISTRATION

In order that the work may proceed with dispatch upon the opening of the term, it is urged that arrangements for registration be made by mail. Applications for admission and registration will be received by the Secretary up to and including Monday, June 20, Address, Annville, Pa.

No registrations will be made and no changes in courses permitted after June 23.

CREDITS

Certificates will be issued to all students showing the courses attended, grades and number of semester hours' credit. Courses taken during the Summer Session are credited towards the college degrees on the same basis as courses taken during the regular college year. One hundred twenty-six semester hours are required for the bachelor's degrees. Twenty-seven semester hours are required for the master's degrees. The requirement of one year's residence for a collegiate degree may be met by attendance upon not less than four Summer Sessions. For complete information concerning the requirements for degrees the candidate should refer to the college catalogue or address the Registrar.

EXPENSES

A registration fee of \$1 will be charged each student.

The tuition fee is \$6.00 per semester hour credit.

A laboratory fee is charged for Science Courses.

The charge for board and room is \$9 per week, \$54 per term.

The entire charge for registration, tuition, board and room for the term is therefore \$67-\$91.

The fees are payable at the time of registration, as a condition of admission to classes.

NOTICE TO BOARDING STUDENTS

Each room in the Men's Dormitory is furnished with a cot, chiffonier, mattress, one chair and student table for each occupant. Students must furnish their own bedding, carpets, towels, napkins, soap and all other necessary furnishings.

Each room in the Women's Dormitory is furnished with bed, mattress, chair, dresser and student table. All other desired furnishings must be supplied by the student.

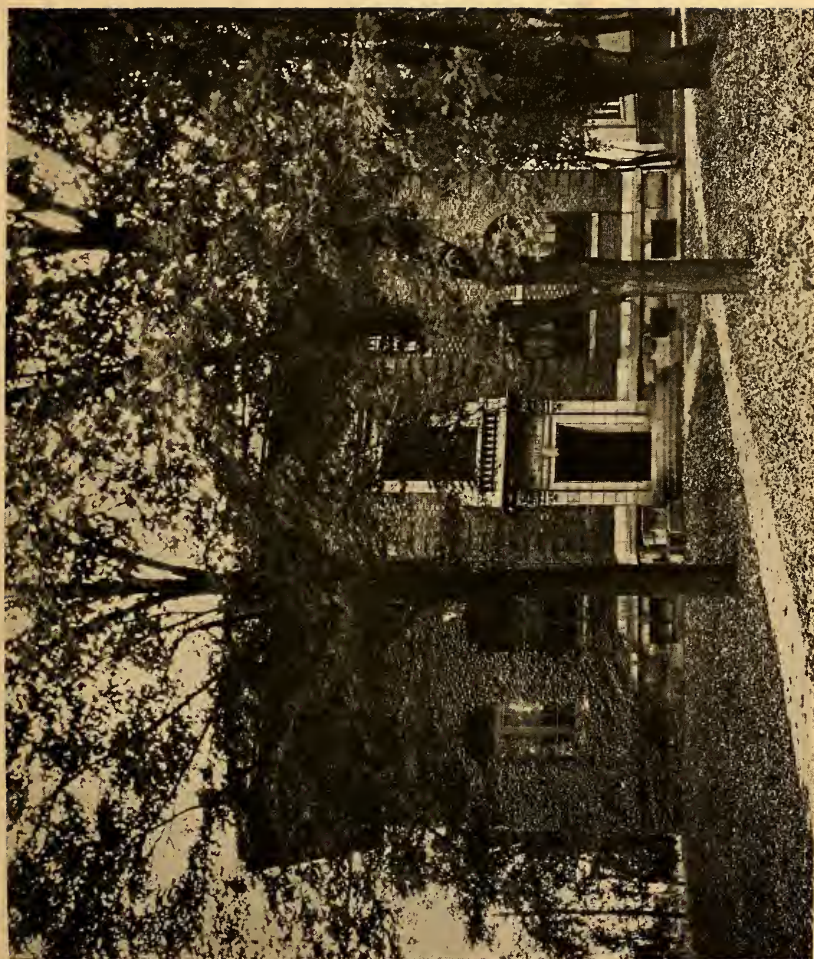
One 40-watt light is furnished for each occupant of a room. Any additional lights must be paid for by the student.

The more desirable rooms will be reserved in the order of application. No fee is required. Address the Secretary promptly in order that the most attractive room available may be reserved for you.

COURSES LEADING TO THE BACCALAUREATE DEGREES

An effort is being made by the College to offer in the Summer Session and the Extension Department all the General Requirements for the Baccalaureate degree. Most of these courses are announced for the present year, and the remainder will be made available at an early date. In courses where six semester hours are required, the departments will normally offer two hours in Summer School and four hours in a Supplementary Extension Course. The residence requirement of one year may be met by attendance at Summer School. In this way the Baccalaureate degree will be made available to those who are not able to attend the regular annual College sessions.

For the convenience of those working towards a degree, a full statement of the requirements is printed on the following pages.



THE LIBRARY

ARRANGEMENTS OF COURSES OF STUDY

Lebanon Valley College offers four courses of study leading to the Baccalaureate degree:

- (1) A course leading to the degree of Bachelor of Arts (A.B.)
- (2) A course leading to the degree of Bachelor of Science (B.S.)
- (3) A course leading to the degree of Bachelor of Science in Education (B.S. in Ed.)
- (4) A course leading to the degree of Bachelor of Science in Economics (B.S. in Econ.)

The total number of credits required of candidates for these degrees is, in each case, 126 semester hours.

As part of this total requirement, every candidate must present at least 24 semester hours in one department (to be known as his Major), and at least 16 semester hours in another department (to be known as his Minor). Both Major and Minor must be selected not later than the beginning of the Junior year, the Minor to be suitably related to the Major, and chosen with the advice and approval of the Head of the Major department.

The A.B. degree will be awarded to those fulfilling the requirement for a Major in the following departments: Bible and New Testament Greek, English, French, German, Greek, History, Latin, Mathematics (Arts option), Political and Social Science, Philosophy and Religion.

The B.S. degree will be awarded to those fulfilling the requirements for a Major in the following departments: Biology, Chemistry, Mathematics (Science option), Physics.

The B.S. in Ed. degree will be awarded to those fulfilling the requirements for a Major in Education, but in this case two Minors of not less than 16 semester hours each must be presented.

The B.S. in Econ. degree will be awarded to those fulfilling the requirements for a Major in Business and Business Administration.

GENERAL REQUIREMENTS

Certain courses, embodying the fundamentals of a liberal education, are required of all students. These courses, which vary slightly according to the degree sought, are as follows:



ONE OF THE DORMITORIES

A.B.	B.S.	B.S. in Ed.
Bible 14, 54. English 12, 14, 26. *French 16 or German 16. History 46. †Latin 16 or Math. 13, 23. Philosophy 23, 33, or Economics 16 or Pol. Science 16 or Sociology 16. Biology 18 or Chemistry 18, or Physics 18. Physical Education 11, 21.	Bible 14, 54. English 12, 14, 26. French 16 or German 16. History 46. Mathematics 13, 23, 36. Philosophy 13, 23, or Economics 16 or Pol. Science 16 or Sociology 16. Biology 18. Chemistry 18. Physics 18. Physical Education 11, 21.	Bible 14, 54. English 12, 14, 26. French 16 or German 16. History 46. Latin 16 or Math. 13, 23. Psychology, 13, 23. Economics 16 or Pol. Science 16 or Sociology 16. Biology 18 or Chemistry 18, or Physics 18. Physical Education 11, 21.

* Twelve semester hours of Foreign Language are required of all candidates for the A. B. degree; six hours of this total must be from French 16 or German 16.

† Latin is required of all students majoring in English, French, Greek or Latin.

For explanation of numbers used above see the departmental announcements in the regular catalogue.

SPECIAL REQUIREMENTS

In addition to the General Requirements listed above, some of the departments require students majoring therein to take certain additional courses in subjects closely related to the Major.

Students outlining a course for a degree should communicate at once with the Head of the Department in which they intend to Major.

Candidates for the Baccalaureate degree who desire to be admitted to advanced standing, by virtue of work done in other institutions, should lose no time in having their credits evaluated by the Registrar, in order that they may be informed as to what requirements they must meet for graduation.

THE MASTER'S DEGREE

Some of the courses offered in the Extension Department may be taken for credit towards a Master's degree, provided arrangements are made in advance with the instructor. Some extra work will be required, such as additional reading, reports, experiments, etc. The complete regulations governing graduate work for the degrees of A.M. and M.S. may be obtained upon application to the Registrar of the College.

APPOINTMENT BUREAU

In order to give students the benefit of calls that are received for teachers and to render greater assistance in finding employment, the College provides an Appointment Bureau to keep on file records of students with their credentials for those who desire it. For registration with the bureau a fee of one dollar is charged.

The Appointment Bureau of the College co-operates with the Placement Service, Teachers' Bureau, of the Department of Public Instruction, Harrisburg, Pennsylvania, thus offering additional facilities for the placement of graduates of this institution.

Bachelor of Science in Education. Lebanon Valley College grants the degree Bachelor of Science in Education. Normal school credits from recognized institutions will be allowed towards this degree on the following basis: work of a professional character will be equated on the basis of semester hours. Graduates, who have taken the full two years' normal course based upon four full years of high school work, usually receive approximately 60 semester hours, though each case is evaluated individually for credit towards the degree Bachelor of Science in Education. A total of 126 hours of credit is required for the degree. For full information, address the Department of Education, Lebanon Valley College.

STATE TEACHERS' CERTIFICATES

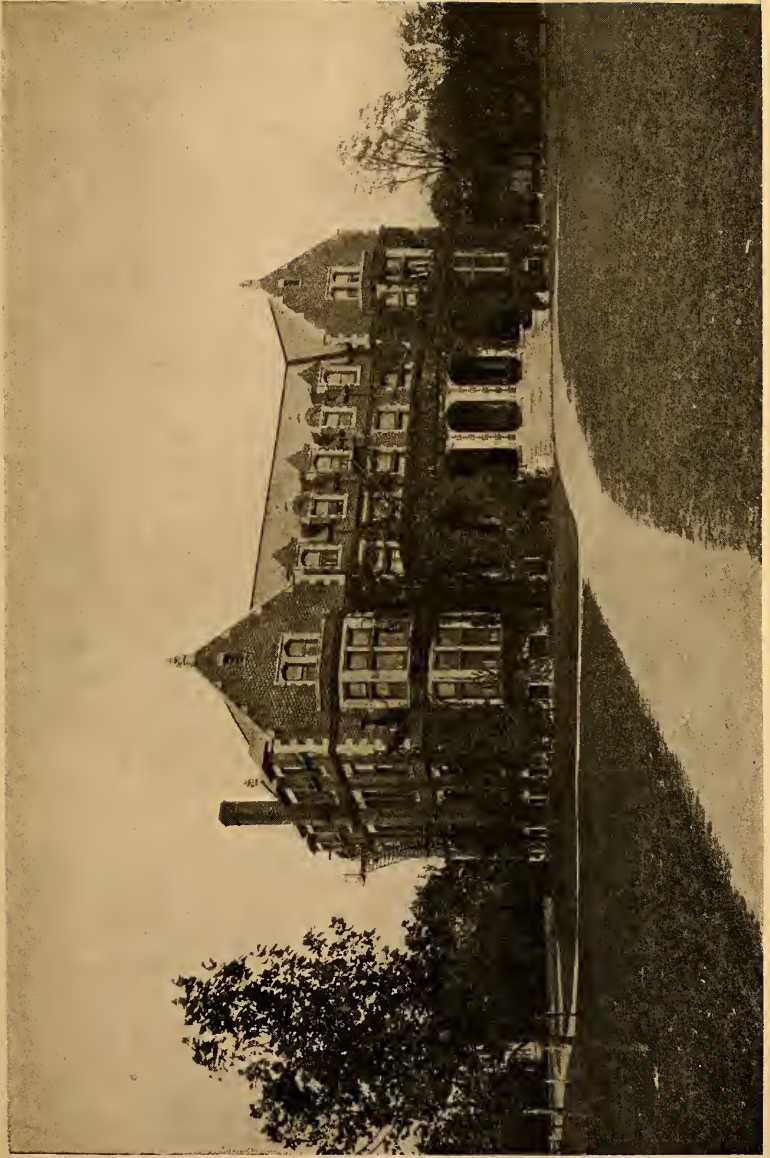
The State Council of Education has made provision for two kinds of certificates for elementary school teachers, viz.: partial and standard certificates. The first consists of two kinds—elementary and secondary. Standard certificates are also of two kinds—temporary and permanent.

For high school teachers there are likewise two kinds of certificates, viz: provisional and permanent. The first may be secured after graduation from an approved college or university and having successfully completed at least eighteen semester hours of work of college grade in education and psychology.

Full particulars relative to the several certificates may be secured by addressing the Placement Service, Teachers' Bureau, of the Department of Public Instruction, Harrisburg, Pennsylvania or the Head of the Department of Education, Lebanon Valley College.

Daily Schedule of Recitations
ANNVILLE

Professor	8.00—9.00	9.00—10.00	10.00—11.00	11.00—12.00
Derickson	Special schedule for work appears under Departmental announcement in Biology			
Butterwick	Bible S52a	Education S22	Education S72	
Bender	Chemistry S18	Chemistry S18		Chemistry S38
Grimm	Education S252	Education S32	Mathematics S12	Mathematics S22
Wallace		English S12	English S52	English S62
Green	French S02	French S22	French S52	French S12
Mylin	History S82	History S122	History S22	
Chappelear	Education S122		Education S152	Education S302
Stokes		Economics S12	Political Sci. S32	Political Sci. S22



LADIES DORMITORY

DESCRIPTION OF COURSES

OFFERED IN

ANNVILLE

BIBLE

PROFESSOR BUTTERWICK

S52a. The Religious History of the Jews During the Time of the Kingdoms. Two semester hours.

The purpose of this course is to furnish the student with a knowledge of the religious growth and practices during the time of the Kingdoms under the leadership of the prophets. The course will be offered in two parts, Part one in the summer of 1926 and Part two in the summer of 1927.

BIOLOGY

DR. DERICKSON

(In Bermuda)

Biology S108. Marine Biology.—Eight semester hours. Teachers of Biology who have not had an opportunity to study marine forms of plant and animal life in their natural habitat will find this course extremely interesting and valuable.

Those registering for the course should have had at least one college year of work in Botany and one in Zoology.

The number admitted to the course will be limited to fifteen.

Those registering will devote their entire time to the course.

The following schedule will be carried out with probably minor changes:

June 20. Registration at Annvile, 8 to 10 A. M.

June 20. Entrain at Annvile for New York, 10:59 A. M.

June 21-22. American Museum of Natural History, New York.

June 23. Bronx Botanical and Zoological Gardens, New York.

June 24. Marine Aquarium, Battery Park, New York.

June 25. Embark for Hamilton, Bermuda, 11 A. M.

June 26. Study Marine life in the Atlantic Ocean.

June 27. Arrive at Hamilton, Bermuda, 11 A. M.

Establish temporary laboratory at Harrington Sound.

June 28 to July 26. Study plant and animal life at various points on Bermuda Islands.

July 27. Embark, Hamilton for New York, 11 A. M.

July 29. Arrive, New York, 11 A. M., Annyville, 9:35 P. M.

The entire cost of the course including registration, tuition, laboratory and field trip fees, carfare, steamer ticket, hotel expenses at New York and Bermuda, and war tax, will be about \$300.

A deposit of \$100 will be required 30 days in advance of date of sailing to secure reservations.

The course will consist largely of individual study of marine organisms in their natural habitat. The Sea Gardens of Bermuda are among the richest in the world and the variety and beauty of plant and animal forms are hardly excelled by those of the West Indies or Australia. The student will study as many of these forms as time will permit and keep records of their behavior and ecological relationships. There will be opportunity and facilities for collecting and preserving specimens for further study and use by the student in work as a teacher.

The instruction will consist largely of individual aid in methods of study and preservation of material, use of literature, and general guidance in obtaining the results desired by the individual student.

The credit earned will depend on the records of work done and submitted at the completion of the course.

Those interested in the course should communicate with Dr. Derickson as early as possible as applications will be considered in the order in which they are received.

CHEMISTRY

DR. BENDER

S18. General Chemistry. An introduction to the study of the elements, their classification and properties and a study of the important compounds of each element. The course includes a study of the constitution of matter, the laws governing chemical action and their application in manufacturing processes. Interpretation of the phenomenal material development of the present century is made in the light of the rapid increase in chemical knowledge. The laboratory work includes about 100 carefully selected experiments. Two hours lectures or recitations and three hours of laboratory work daily. Eight semester hours.

Text—Smith's College Chemistry. Laboratory Manual, Kendall. Laboratory fee, \$16.00.



NEAR THE CAMPUS

S38. Quantitative Analysis.—A study of the methods and principles of quantitative analysis and chemical calculations.

The laboratory work includes simple introductory determinations of variium, magnesium and aluminum, acidimetry, alkalimetry, partial analysis of copper, iron, lead, and manganese ores, the analysis of coal and alloy, limestone, cement, and silicate rock, electrolytic analysis, gas analysis and a few organic analyses including fertilizers, milk, flour, butter and oils. One hour lecture and a minimum of six hours of laboratory work daily. Eight semester hours.

Text—Mahin's Quantitative Analysis with references. Laboratory fee \$20.00.

EDUCATION AND PSYCHOLOGY

PROFESSORS GRIMM, BUTTERWICK AND CHAPPELEAR

S122. Introduction to Teaching.—An introductory course for prospective teachers, intended also to enable students to decide whether they have an interest in professional education, and to introduce the citizen to the problems of one of the most important institutions in a democracy. Some of the topics considered are: Teaching as an Occupation; The Materials of Education; Nature's Provisions for Learning; The Outcomes of Teaching and Learning. Two semester hours.

S12. History of Education.—An analysis of the history of education from the time of early Greek Education to the present day. Special attention will be given to the aims, content, organization and results of the educational systems of various countries, as well as to the great leaders of educational thought. Two semester hours.
Summer of 1928.

S22. History of Education in the United States.—A study of education in the colonial times, early attempts at organization of systems of education, the history of the elementary school; the Latin grammar school; the Academy; the history and growth of the American High School; and the present school system. Two semester hours.

S302. Problems of the Elementary School.—This course deals with specific administrative and teaching problems commonly found in our elementary school. Special emphasis will be placed on such problems as arise in the upper grades. Two semester hours.

S252. General Methods of Teaching in Junior and Senior High Schools.—The purpose of this course is to consider some of the most vital problems confronting the high school teacher, such as

discipline; elimination of waste in the classroom; grading of pupils; types of examinations; methods of the classroom period; and devices for increasing the efficiency of the classroom teacher. Two semester hours.

S32. Principles of Education.—The high school pupils, their physical and mental traits, individual differences, and the make-up of the high school population; the secondary school as an institution, its history, its relation to elementary education, and to higher education; social principles determining secondary education; aims and functions of secondary education; the curriculum; the place, function, and value of the several subjects of the curriculum; organization and management of the high school. Two semester hours.

S72. Child Psychology.—A course dealing with the characteristics of original nature; innate tendencies and instincts; general tendencies, habits and learning of children; cross-sections of child life at various ages; the exceptional child. Two semester hours.

S152. Educational Psychology.—Emphasis on the topics of general psychology which form the basis for a study of the problems of education. Special emphasis will be given to innate tendencies; individual differences; their measurement; their significance; and the learning process. Two semester hours.

ENGLISH

PROFESSOR M. K. WALLACE

S12. English.—The theory and practice of English Composition. The aim of the course is three fold; to stimulate the student to think and write clearly and accurately; to train the student to think independently, and assemble and organize material; to introduce the student to the best types of literature. Two semester hours.

S52. American Literature.—A survey of American literature from the Colonial period to the present age, with special emphasis on the men and books that reflect national traditions. Two semester hours.

S62. Modern Drama.—A study of the development of the English Drama from 1850 to the present. Attention is likewise paid to the beginning of the drama of ideas in the works of Ibsen, and the drama of beauty as developed by the dramatists of the Celtic Renaissance. Two semester hours.

FRENCH

PROFESSOR GREEN

S02. Elementary French.—This course is intended for those who begin French in College. Its aim is to enable the student to write simple French sentences, to carry on a conversation in easy French, and to read French of ordinary difficulty. College credit of two semester hours will be granted for this course, but it cannot be counted toward a Major. Moore-Allin, French Grammar; Daudet, Contes choisis.

S12. First year French.—This course includes a drill in French pronunciation and grammar, with exercises in dictation and composition. Several easy texts will be read. Two semester hours.

S22. Second year French.—Grammar, composition, dictation, and the reading and interpretation of texts of intermediate difficulty. Two semester hours.

S52. Advanced Conversation & Prose Composition.—This course is intended to promote fluency in conversation, and will include the writing of short essays in French. Two semester hours.

Advanced courses in French Literature, for undergraduate or graduate credit, will be arranged if there is sufficient demand.

Note.—French conversation at table in the Dining Hall will be arranged if desired.

HISTORY

PROFESSOR MYLIN

S122. Europe, 1815 to 1920.—A study of political movements in Europe from the Congress of Vienna to the Treaty of Versailles. Lectures, readings, reports and discussion. Two semester hours.

S22. Europe Since 1918.—A study of the problems growing out of the Peace Conference. The changing conditions in the leading European countries will be considered. Two semester hours.

S82. Recent United States History.—A study of the Social and Political History of the United States since the Civil War. The growing importance of the United States in international affairs will receive special emphasis. Two semester hours.

MATHEMATICS

PROFESSOR GRIMM

S12. College Algebra.—The usual topics will be covered, with special attention given to Theory of Equations. Two semester hours.

S22. Plane Trigonometry.—Study of the relations between the trigonometric functions; solution of right and oblique triangles; prac-

tical applications of trigonometry to the determination of heights and distances. Two semester hours.

S32. Analytic Geometry.—A study of the equations of the straight line, circle, parabola, ellipse, and hyperbola. Two semester hours.

S42. Elementary Differential Calculus.—Differentiation of algebraic and transcendental functions, with applications in determination of tangents and normals, solution of problems in maxima and minima, etc. Two semester hours.

SOCIAL SCIENCE

PROFESSOR STOKES

S12. Economic Theory.—One hour per day. A course in Economic Theory covering the work of one semester during the summer of 1927. Lectures, readings and seminar discussion of Economic problems are included. During the summer of 1928 the second part of the subject will be covered. Two semester hours.

S32. Political Theory.—One hour per day. A study of the nature, functions, institutions, and limits of the modern state, preceded by a comparative study of political evolution. Offered in 1927. Two semester hours.

S22. American Government and Politics.—One hour per day. A study of the state governments of the United States with examination of leading constitutional cases forms the basis for the work of the summer of 1927. A similar course dealing primarily with the American Federal Government will be offered in 1928. Two semester hours.

Daily Schedule of Recitations
HARRISBURG

Professor	8.00—9.00	9.00—10.00	10.00—11.00	11.00—12.00
Reynolds		Education S132	Education S72	Education S82
Mangun	Education S112	Education S12	Education S252	
Wallace	English S512	English S532	English S62	
H. Bennett	Latin S12	English S92	History S102	English S102
E. Bennett	French S12	French S02	German S12	
Wagner	Mathematics S42	Mathematics S32	Mathematics S22	Mathematics S12
Shenk		History S122	History S22	History S82
Gingrich	Political Science S12	Sociology S12	Political Science S42	

DESCRIPTION OF COURSES

OFFERED IN

HARRISBURG

BIOLOGY

DR. DERICKSON

No Summer Courses in 1927

Biology E14. General Biology.—Four semester hours. Lectures and discussions of the fundamental principles of plant and animal life. Given as Extension course in Harrisburg, 1927-28.

Biology S14. General Biology.—Four semester hours. Laboratory and field work illustrating the fundamental principles of plant and animal life. Given in the Summer School in Harrisburg, 1928.

Biology E14 and S14 embrace the work usually given in the first year of college biology and fulfill the laboratory science requirement for the Bachelor of Science in Education and the Bachelor of Arts degrees.

EDUCATION AND PSYCHOLOGY

PROFESSOR REYNOLDS AND DR. MANGUN

S12. History of Education in the United States.—A study of education in the colonial times, early attempts at organization of systems of education, the history of the elementary school; the Latin grammar school; the Academy; the history and growth of the American High School; and the present school system. Two semester hours.

S72. Child Psychology.—A course dealing with the characteristics of original nature; innate tendencies and instincts; general tendencies, habits and learning of children; cross-sections of child life at various ages and the exceptional child. Two semester hours.

S82. Educational Measurements.—This course aims to acquaint students with the more frequently used standardized educational tests in such subjects as, reading, writing, spelling, arithmetic, geography, history, language, algebra, foreign languages and other subjects. It will involve the mastery of the tests, the giving and use of the results. Textbooks, assigned readings, test materials. Laboratory fee of one dollar. Two semester hours.

S112. Technique of Teaching.—This course is intended especially for elementary and junior high school teachers. The major emphasis will be given to the study of special methods and devices in the principal elementary school subjects. Some attention will be given, however, to a few of the more recent general methods, such as supervised study, socialized recitations, and the project method. Two semester hours.

S132. School Organization and Classroom Management in the Junior and Senior High School.—A study of the problems of school administration and classroom management in so far as they concern the teacher. The course will be developed through class discussions and based upon a list of problems found pertinent to effective teaching in the Junior and Senior high school. Textbooks, assigned readings and lectures. Two semester hours.

S252. School Supervision.—This course aims to consider ways and means whereby the supervisor can promote better classroom teaching. Special attention will be given to the needs and underlying principles of school supervision, supervisory devices and the technique of supervision. Lectures, discussions, written and oral reports. Two semester hours.

ENGLISH

DRS. WALLACE AND BENNETT

S512. The Romantic Movement in English Poetry.—A brief study of the work of Burns, Wordsworth, Coleridge, Scott, Byron, Shelley, Keats. Two semester hours.

S532. Tennyson and Browning.—Two semester hours.

S62. Five Plays of Shakespeare.—Romeo and Juliet, Henry IV (Parts I and II), Twelfth Night, Hamlet. Two semester hours.

S92. Classical Mythology in English Literature.—This course begins with a study of Classical Mythology. Lectures will be given on such subjects as: the growth of myths and their meaning; the Greek theogony (race of gods); the association of myth and ancient religion; the use of mythology in literature. The chief myths will be studied by outside reading and class reports. In the latter part of the course certain poems of Milton and other English poets will be studied with special attention to mythological allusion. Two semester hours.

S102. Greek and Roman Drama.—This course is a study of the origin and early development of European drama, and is intended primarily for students of English literature. A number of plays

by ancient dramatists, including Aeschylus, Sophocles, Euripides, Plautus, and Terence, will be read in the best translations, and critically discussed especially with reference to Aristotle's theories of dramatic art. Two semester hours.

FRENCH AND GERMAN

PROFESSOR BENNETT

S02. Elementary French.—This course is for those who are beginning French. Its aim is to enable the student to write simple French sentences and to read French of ordinary difficulty. It is part of French 06, which is prerequisite for French 16, which fulfills the modern language requirement for the baccalaureate degree. If demanded, the remainder of the course will be made available in the Extension department. Two semester hours.

S12. First Year College French.—A review of French grammar, with the reading of several texts by standard French authors, and the composition of French sentences of average difficulty. This course is part of French 16, which meets the requirements in modern language for the baccalaureate degree. The remainder of the course will be made available in the Extension department. Two semester hours.

S12. First Year College German.—Grammar, composition, and the reading and interpretation of texts of average difficulty. Open only to those who have had at least one year's previous study of German. This course is part of German 16, which meets the modern language requirement for the baccalaureate degree. The remainder of the course will be made available in the Extension department. Two semester hours.

HISTORY

PROFESSOR SHENK AND DR. BENNETT

S122. Europe, 1815 to 1920.—A study of political movements in Europe from the Congress of Vienna to the Treaty of Versailles. Lectures, readings, reports and discussions. Two semester hours.

S22. Europe Since 1918.—A study of the problems growing out of the Peace Conference. The changing conditions in the leading European countries will be considered. Two semester hours.

S82. Recent United States History.—A study of the Social and Political History of the United States since the Civil War. The growing importance of the United States in International affairs will receive special emphasis. Two semester hours.

E14. Europe, 1648-1815.—A study of European History from

the Peace of Westphalia to the Battle of Waterloo. Lectures, readings, reports and discussion. Offered in extension class 1927-28.

E44. United States History.—A study of colonial history. Special stress will be given the social history of the period. Offered in extension class 1927-28.

S102. The Roman Republic.—A study of the political and constitutional history of the Roman Republic. Causes and motives will be discussed, with idea of relating ancient experience to modern problems of government. Two semester hours.

LATIN

DR. BENNETT

S12. First Year College Latin.—Selections from Ovid, Metamorphoses; review of Latin forms and syntax, with exercises in easy Latin composition. Two semester hours.

This course is the first part of Latin 16, which is an alternative requirement (with Mathematics 16) for the A.B. or B.S. in Ed. degree. If there is sufficient demand, the remainder of the course will be made available in the Extension department.

MATHEMATICS

DR. WAGNER

S12. College Algebra.—The usual topics will be covered, with special attention given to Theory of Equations. Two semester hours.

S22. Plane Trigonometry.—Study of the relations between the trigonometric functions; solution of right and oblique triangles; practical applications of trigonometry to the determination of heights and distances. Two semester hours.

S32. Analytic Geometry.—A study of the equations of the straight line, circle, parabola, ellipse, and hyperbola. Two semester hours.

S42. Elementary Differential Calculus.—Differentiation of algebraic and transcendental functions, with applications in determination of tangents and normals, solution of problems in maxima and minima, etc. Two semester hours.

SOCIAL SCIENCE

PROFESSOR GINGRICH

S12. American Government and Politics.—One hour per day. This course is designed to give the student a working knowledge of the fundamental law and organization of federal and state governments. The history of the federal constitution and numerous decisions of the United States Supreme Court are given careful

consideration. Part one, dealing with the federal government, offered in 1927; Part two, with state government, in 1928. Two semester hours.

S12. Principles of Sociology.—One hour per day. A study of the development of society and the various principles and theories relating thereto. Modern social problems are discussed during the second part of the course. Part one offered in 1927; Part two in extension course in Harrisburg during the winter of 1927-28. Two hours credit for summer course; six hours credit for completed course.

S42. World Politics.—One hour per day. A study of the development of international relations from the simple structure of their origin to the complex mechanism of the present day. Problems of the Near East, Far East and the League of Nations are discussed at length. Two semester hours.

SUMMARY OF COURSES

IN ANNVILLE

- Bible S52a. Religious History.
- Biology. (Bermuda.)
- Chemistry S18. General Chemistry.
- Chemistry S38. Quantitative Analysis.
- Education S122. Introduction to Teaching.
- Education S12a. History of Education.
- Education S12b. History of Education in the United States.
- Education S302. Problems of the Elementary School.
- Education S132. General Methods of Teaching in Junior and Senior High Schools.
- Education S32. Principles of Teaching.
- Education S72. Child Psychology.
- Education S152. Educational Psychology.
- English S12. Theory and Practice of English Composition.
- English S52. American Literature.
- English S612. English Drama.
- French S02. Elementary French.
- French S12. First Year French.
- French S22. Second Year French.
- French S52. Advanced Conversation and Prose Composition.
- History S122. Europe, 1815 to 1920.
- History S22. Europe Since 1918.
- History S82. Recent United States History.
- Mathematics S12. College Algebra.
- Mathematics S22. Plane Trigonometry.
- Mathematics S32. Analytic Geometry.
- Mathematics S42. Elementary Differential Calculus.
- Economics S12. Economic Theory.
- Political Science S22. Political Theory.
- Political Science S12. American Government and Politics.

IN HARRISBURG

- Education S12b. History of Education in the United States.
- Education S72. Child Psychology.
- Education S82. Educational Measurements.
- Education S112. Technique of Teaching.
- Education S132. School Organization and Management in the Junior and Senior High School.
- Education S252. School Supervision.

- English S512. The Romantic Movement in English Poetry.
English S532. Tennyson and Browning.
English S62. Five Plays of Shakespeare.
English S92. Classical Mythology in English Literature.
English S102. Greek and Roman Drama.
French S02. Elementary French.
French S12. First Year College French.
German S12. First Year College German.
History S122. Europe, 1815 to 1920.
History S22. Europe Since 1918.
History S82. Recent United States History.
History S102. The Roman Republic.
Latin S12. First Year College Latin.
Mathematics S12. College Algebra.
Mathematics S22. Plane Trigonometry.
Mathematics S32. Analytic Geometry.
Mathematics S42. Elementary Differential Calculus.
Political Science S12. American Government and Politics.
Political Science S32. World Politics.
Sociology S12. Principles of Sociology.

I have the following credits:

Name of School	Name of Course	No. of Sem. Hrs.
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

My experience is as follows:

Place	Grade	Years
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Yours very truly,

Name in full _____

Present address _____

Home address _____

