

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS¹

Every candidate for the degree of Bachelor of Arts, unless she is a transfer student or is permitted to accelerate her program, must attend Bryn Mawr College for a period of four years. The minimum number of courses which she must complete varies from fourteen and one-half to sixteen according to her choice of a major subject. A course is normally one-quarter of a student's working time for one year, or approximately ten hours of work a week, including class meetings. Numerical grades on the scale of 100 are given in all courses counting for the degree. The student must attain a grade of 70 or above in at least half of these courses and a grade of at least 60 in the remainder. In the courses in her major subject she must maintain an average of at least 70, and should she receive a grade below 70 in a Second Year or Advanced course in her major subject she may be required to change her major. She must pass a final examination in her major subject. She must have a reading knowledge of two modern foreign languages (usually French and German) and must fulfill the requirements of the Department of Physical Education.

Every candidate must pursue the following course of studies:

Required Courses:

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

¹The requirements for interdepartmental majors differ in certain respects from those for other courses of study. See page 79.

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

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

Physical Education: During their first two years in college all students are required to take part in work organized by the Department of Physical Education. Students who do not complete the work in two years must continue it during their later years in college.

Hygiene: All students must by the beginning of their second year pass an examination based upon reading assigned by the College Physician. This work does not count as any fraction of the total number of courses required for the degree.

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

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

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

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

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

The Accelerated Program. For students for whom an accelerated program is desirable arrangements may be made to complete the work for the degree in less than four years. Plans for acceleration must be approved in advance by the Committee on the Curriculum and by the student's major department. Part of the work may be done at special summer sessions (longer than the usual summer school) at approved institutions. The courses chosen must be approved in advance by the corresponding departments at Bryn Mawr College.

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

COURSES OF STUDY

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Credit is generally given in full-year courses only when the work of both semesters is completed. In certain courses, however, credit may be given for one semester's work, but only with the permission of the Dean of the College and the department concerned.

A few courses carry additional credit, indicated by the numeral "1½." Courses in each department are numbered according to the following system:

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

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

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

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

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

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

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

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

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

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

Biology

ASSOCIATE PROFESSOR:

MARY SUMMERFIELD GARDINER, Ph.D.

ASSISTANT PROFESSORS:

WILLIAM LEWIS DOYLE, Ph.D.¹L. JOE BERRY, Ph.D.²

LECTURER:

JANE MARION OPPENHEIMER, Ph.D.

DEMONSTRATORS:

Appointment to be announced.

MARY CREGAR, A.B.

Appointment to be announced.

Students majoring in Biology are required to take the first year course, both second year courses, and one advanced course; and, as allied subjects, General Chemistry and Elementary Organic Chemistry. The following courses are strongly recommended for such

¹ Absent on war service.

² On leave of absence, 1943—.

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FINAL EXAMINATION

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

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

HONORS WORK

Honors work may be taken by seniors who have completed with distinction the courses in Latin Literature of the Empire and Latin Prose Style. It is also desirable for students to complete one advanced course before entering upon honors work.

Mathematics

PROFESSOR:	ANNA PELL WHEELER, Ph.D.
ASSOCIATE PROFESSORS:	MARGUERITE LEHR, Ph.D. JOHN CORNING OXTOBY, M.A.
LECTURER IN STATISTICS:	DOROTHY JEANNE MORROW, M.S.
READER:	JEAN ANN SHAFFER, A.B.

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

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

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

The course includes the necessary topics in Trigonometry.

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

201. *Second Year Calculus*: Dr. Wheeler, Dr. Lehr.

Integral Calculus, Infinite Series, Differential Equations.

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

[203c. *Theory of Probability and Statistics*].

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

301. *Advanced Calculus*: Dr. Wheeler, Mr. Oxtoby.
Prerequisite: Mathematics 201.
302. *Advanced Geometry*: Dr. Lehr.
Prerequisite: Mathematics 202c.
- 303a or b. *Advanced Algebra*: Dr. Lehr, Mr. Oxtoby.
Prerequisite: Mathematics 202c.
310. *Theory of Functions of a Complex Variable*: Dr. Wheeler, Mr. Oxtoby.
Prerequisite: Mathematics 301.
- 311b. *Differential Equations*: Dr. Wheeler, Mr. Oxtoby.
Prerequisite: Mathematics 301 (may be taken concurrently).

FINAL EXAMINATION

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

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

HONORS WORK

Honors work is offered in this department to qualified students.

Music

PROFESSOR:	HORACE ALWYNE, F.R.M.C.M.
INSTRUCTOR:	LORNA M. COOKE, A.B.
READER:	ELIZABETH BOOTH, A.B.
LEADER OF ORCHESTRA AND ENSEMBLE GROUPS:	ABRAHAM PEPINSKY, Ph.D.

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