1944–1945 Vassar

COLLEGE CALENDAR

Semesters + Summer Session

1944 — 1944–1945

FIRST TERM

August	30	Registration of third and fourth year students
	31	Matriculation of new students
September	1	Registration of second year students
		Opening of the eightieth college year, 7.00 p.m. All students must be in residence
	2	Convocation at 10.30 a.m.
	8	Last day for payment of first term fees
	15	Final applications for master's degree due
October	14	Meeting of the Board of Trustees
November	23	Thanksgiving Day holiday
	27	Major examinations begin
	29	Major examinations end
December	1	Last day for changes in election for the second term
	11	First term examinations begin
	15	First term examinations end
	15	Christmas vacation begins at 4.30 p.m.
	17	Seventy-ninth commencement

~ 15 weeks + 2 days

1945

SECOND TERM

January	3	Second term begins at 8.15 a.m.
	10	Last day for payment of second and third term fees
February	1	Applications for fellowships due
	10	Meeting of the Board of Trustees
March	1	Applications for scholarships due
	16	Last day for changes in election for the third term
April	1	Last day for application for admission to college
	11	Second term examinations begin
	17	Second term examinations end
	17	Spring recess begins at 4.30 p.m.

~ 15 weeks

THIRD TERM

	24	Third term begins at 8.15 a.m.
May	5	Founder's Day
	12	Meeting of the Board of Trustees
	15	Elections for the year 1945–46 due
June	11	Major examinations begin
	13	Major examinations end
	25	Third term examinations begin
	29	Third term examinations end
July	1	Eightieth commencement

~ 8 weeks 6 days

Vassar 1945-46

IV. Degrees

VASSAR COLLEGE confers the degrees of Bachelor of Arts, Master of Arts, and Master of Science. No special students are accepted in the undergraduate course. While the college has no graduate school, it is equipped to offer graduate work in certain fields and to a limited number of students.

DEGREE OF BACHELOR OF ARTS

TERM OF STUDY

As an emergency measure, in order to equip students as speedily as possible to take their place in national services of war, industry, and education, Vassar has adopted a three-year plan for the A.B. degree which will allow students to complete the liberal arts course in three years. Students who feel that their plans for work, their health, or their financial situation would be better served by a four-year undergraduate course will find that this plan is adapted also to a four-year program as an alternative to the three-year course for the A.B. degree.

The college year has been lengthened to 40 weeks, with three terms of 15, 15, and 10 weeks respectively, extending from about September 1 to June 30 with a vacation at Christmas of two and a half weeks, a short recess at the end of the second term, and a summer vacation of eight or nine weeks at the close of the third term. (See CALENDAR.)

TERM OF RESIDENCE

Students following the three-year plan for the A.B. degree normally attend the three terms of each of the three years. Those who pursue a four-year program are generally expected to be in residence for the two 15-week terms for four years. Students who transfer from other colleges are expected to spend two years in residence for the attainment of the A.B. degree. In no case will the degree be granted if less than half the points required for the degree are taken in residence at Vassar.

The degree is not offered for less than three calendar years of study, even if students choose to employ part of the vacation in study. The summer vacation of eight weeks in the three-year program is intended to afford the student opportunity for variety of occupation and to supplement, not to accelerate further, the course for the degree.

ACADEMIC STANDARDS

Points

The minimum requirement for the degree is the completion of 120 points, equivalent to the standard of 120 semester hours recognized by the Board of Regents of the University of the State of New York.

G

Vassar 1944-45
College

MATHEMATICS

MAJOR FIELD

Consultation: Professor Wells.

Minimum in the major subject: 27 points. Required in the minimum—3 points in each of 130, 242, 245, 345, 346; an extra point in 346, 380, or 385 in term *a* of 1944–45, and 2 points in 388 thereafter.

Uncredited in the major field: 177, 178.

Correlative: Required—5 points in physics or astronomy. Suggested—other courses in allied subjects which are closely related to the student's major field plan.

Recommendation: Reading knowledge of French and German.

PRE-ENGINEERING COURSE WITH MATHEMATICS AS MAJOR SUBJECT

(See also Physics, p. 133.)

Consultation: Professor Wells.

Minimum in the major field: 3 points in each of 130, 242, 245, 345, 346, 335 or Physics 310; 6 points in 275, 385, 388; Physics 105 and 106 or 110, 240, 340; Chemistry 105 or 110, 222; Economics 105.

Recommendation: Reading knowledge of two foreign languages. Other courses which are pertinent to the objective of the individual student, such as courses in astronomy, chemistry, and geology.

I. INTRODUCTORY

110*a* or *b* or *c*. *Plane Trigonometry* (**ab*, 3 or 4; *c*, 3)

The DEPARTMENT.

Open to all classes. Meets the requirement in group III, natural sciences, only if a laboratory science was accepted for entrance. Prerequisite: 3 entrance units. Term *a*, *MWF 8.15*, *TThS 8.15*, *MWF 9.15*. Term *b*, *MWF 10.40*. Term *c*, *MTWFS 9.15*, *MTWThF 1.40*.

120*c*. *Geometry* (2)

Euclidian and elementary non-Euclidian geometry of two and three dimensions by the synthetic method. ———.

Not credited in the major field unless accompanied by a second course. Prerequisite: 2 or 3 entrance units. *MWF 8.15*.

130*a* or *b* or *c*. *Analytic Geometry* (**ab*, 3 or 4; *c*, 3)

The definitions, equations, and properties, chiefly metrical but partly projective, of the straight line and conic sections. *The* DEPARTMENT.

Open to all classes. Meets the requirement in group III, natural sciences, only if a laboratory science was accepted for entrance. Prerequisite: 110 or equivalent. Term *a*, *MWF 8.15*, *TThS 8.15*, *MWF 9.15*, *MWF 1.40*. Term *b*, *MWF 8.15*, *TThS 8.15*, *MWF 9.15*. Term *c*, *MTThFS 10.40*.

* Credit for first year students, 4 points; for other students, 3 points.

177*ab* or *c*. *Technical Drawing* (*ab*, 1; *c*, 2)

An introductory course designed to acquaint the student with the elements of drafting. *Miss* DURAND, *Miss* BARRY.

Not open to students who have elected 110, 120, or 130. Terms *a* and *b*, *F 2.40–4.30*. Term *c*, *W 1.40–4.30 and F 2.40–4.30*.

178*a* or *ab*. *Applications of Technical Drawing and Blueprint Reading* (1)

Miss DURAND, *Miss* BARRY.

Prerequisite or corequisite: 177 (1 point). *F 2.40–4.30*.

II. INTERMEDIATE

200. *General Credit in the Major Field* (2)

Open by permission to qualified students. See page 52.

210*a*. *Theory of Equations* (3)

The theory of equations and topics in algebra. *Associate Professor* F. BAKER.

Prerequisite: 110, 130. Prerequisite or corequisite: 242. *MWF 10.40*.

220*b*. *Projective Geometry* (3)

The geometry of space by the projective method. *Assistant Professor* NEWTON.

Prerequisite: 110, 130. Prerequisite or corequisite: 242. *MWF 8.15*.

242*a* or *b* or *c*. *Differential Calculus* (**b*, 3 or 4; *ac*, 3)

The DEPARTMENT.

Open to all classes. Prerequisite: 110, 130. Term *a*, *MWF 10.40*, *MWF 1.40*. Term *b*, *MWF 8.15*, *TThS 8.15*, *MWF 9.15*, *MWF 1.40*. Term *c*, *MTWFS 8.15*, *MTThFS 10.40*.

245*a* or *b* or *c*. *Integral Calculus* (3)

The DEPARTMENT.

Prerequisite: 110, 130, 242. Term *a*, *MWF 9.15*, *TThS 9.15*. Term *b*, *MWF 1.40*. Term *c*, *MTWFS 9.15*, *MTThFS 11.40*.

275*a* or *ab*. *Descriptive Geometry* (3)

The theory of the graphical representation of lines, surfaces, and solids with applications to engineering drawing and the reading of blueprints. *Miss* DURAND, *Miss* BARRY, *Miss* MCDONALD.

Prerequisite: 110, 120 or 130. Not open to students who have elected 177. *MW 2.40–4.30* or *TTh 2.40–4.30*.

* Credit for first year students, 4 points; for other students, 3 points.

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III. Advanced

311*b*. *Modern Algebra* (3)

An introduction to number theory, groups, and matrices. *Associate Professor* F. Baker.

Prerequisite: 210, 242. Prerequisite or corequisite: 245. *MWF 10.40.*

330*b* or *c*. *Analytic Geometry of Three Dimensions* (*b*, 3; *c*, 2)

The geometry of planes and quadric surfaces with a brief study of twisted curves of the third and fourth orders. *Miss* McDonald.

Prerequisite: 110, 120 or equivalent; 130, 242. *TThS 8.15.*

335*b*. *Analytic Mechanics* (3)

Introduction to statics and dynamics with the elements of vector analysis. *Assistant Professor* Newton.

Prerequisite: 110, 130, 242, 245. Corequisite by permission: 245. *MWF 9.15.*

345*a* or *c*. *Advanced Integral Calculus* (*a*, 3; *c*, 4)

Professor Wells.

Prerequisite: 110, 130, 242, 245. Term *a*, *TThS 11.40.* Term *c*, *MTWThF 1.40.*

346*a* or *b*. *Differential Equations* (3 or **4)

Professor Wells.

In 1944–45, offered in terms *a* and *b*, thereafter in term *b* only.

Prerequisite: 110, 130, 242, 245. [b]*TThS 11.40.* For 1944–45, [a]*TThS 8.15.*

370*a*. *Theory of Probability* (3)

The mathematical theory of probability with applications. *Associate Professor* F. Baker.

Prerequisite: 110, 130, 242, 245. *MWF 8.15.*

371*b*. *Studies in the Theory of Probability* (2)

Associate Professor. F. Baker.

Permission required. Prerequisite: 110, 130, 242, 245, 370. Three class hours: *unscheduled.*

380*a* or *c*. *Development of European Mathematics since 1500* A. D. (2 or **3)

Lectures summarizing the rapid development of old and new mathematical theories accompanying the modern revival and immense extension of natural science. *Professor* Wells.

Offered for 2 or **3 points in term *a*, 1944–45, and thereafter for 2 points only.

Prerequisite: 110, 130, 242; one year in physics or astronomy. Term *a*, *MF 11.40.* Term *c*, *MWF 11.40.*

** For students in their final term who are majoring in mathematics.

385*a*/*b*/*c*. *Studies* (3)

Topics are chosen in relation to student programs. *Professor* Wells.

Offered in term *a* for 1944–45 only, and thereafter in terms *b*/*c* for 3 points.

Permission required. Prerequisite: 110, 130, 242, 245. Term *a*, *TThS 9.15.* Term *b*, *MWF 11.40.* Term *c*, *MTWF 9.15.*

388*b* or *c*. *Review and Correlation* (2)

Required for the major field in the final term of work and open only to students majoring in mathematics.

Term *b*, *TTh 1.40.* Term *c*, *TTh 11.40.*

MUSIC

Courses in music deal with the following aspects of the subject: Theory and writing—105, 106, 115; 205, 210, 220, 225, 230; 305, 310. Literature—140; 240, 245, 250, 255, 260; 340, 370. Interpretation—190, 193; 290, 291, 293, 299; 390, 391, 393, 395. Correlating seminar—380.

MAJOR FIELD

Consultation: Professor Geer (upperclasses; first year students, general major); Associate Professor Woodruff (first year students, intensive major).

Plans of study: (A) Intensive major, involving specialized study of the subject with supporting correlatives. (B) General major, affording particular connections between music and various correlatives.

Minimum in the major field: 46 points, including correlatives, as follows:

(A) 106, 205, 210, 305; 140, 340; two terms of credited interpretation, 290; 380 (3 points); 12 points of correlatives.

(B) 106, 205, 210*a*, and one of the following: 210*b* or 220 or 225 or 230; 140, 340; two terms of credited interpretation; 380 (3 points); 18 points of correlatives.

Uncredited in the major field: 105, 115, 291, 391.

Correlative: Courses in the following subjects which show a definite connection with the individual student's plan of work may be counted as correlatives in the major field — Counted in the minimum of 12 points: aesthetics, art, comparative literature, critical writing, drama, history, literature, psychology. Not counted in the minimum of 12 points: bibliography, elementary languages. Distribution of correlatives among three or more different types of subject is required.

Recommendation: Reading knowledge of modern foreign languages.

I. Introductory

105*a* or *c*. *Introduction to Music Theory* (3)

The concepts and materials of music; melodic writing and chord progression; harmonic writing in four voices in the tonal diatonic vocabulary. Analysis. *Associate Professors* Woodruff *and* Leonard.