Course Examination.—Honors students may, with the approval of the Dean and the department, be excused from examinations in regular courses which lie in the field covered by the honors examination. In all courses taken for credit outside that field they are required to take the examinations.

Honors Examination.—Honors are awarded on the basis of examination at the end of Senior year. An essential feature of the examination in all departments is a three-hour paper set by the department concerned, general in the sense that it is taken by all candidates of that year, and comprehensive in the sense that it covers the entire field of honors study. This examination is usually attended by special examinations more limited in scope and sometimes preceded by a preliminary examination (general but not necessarily comprehensive) at the end of Junior year. When the result of the written honors examination is in doubt, it may be followed and supplemented by an oral examination.

Honors students in any department conducting intercollegiate competitive examinations may be allowed to substitute the intercollegiate paper for the college comprehensive paper.

Award of Honors.—Honors are awarded by vote of the faculty, on recommendation of the department or departments concerned. In rare cases honors with exceptional distinction are awarded.

GENERAL COURSE OF STUDY

1. The following requirements in distribution of work must be satisfied before graduation:

   a. A full year course in one of the following sciences: Astronomy, Biology, Botany, Chemistry, Geology, Physics, Zoology.

   b. A course numbered 30 or above in French or German or Italian or Spanish. (The requirement may be satisfied by an anticipatory examination.)

   c. A course in Latin (15) or Greek (30) or Classical Civilization.

2. Every student shall take each year not more than five year courses, i.e., courses requiring one fifth of the student's working time.

3. Every student shall elect a subject in which he will do his major work during his last two years, taking at least two courses in the subject or, if so directed by the department, one course in the subject and one in a related subject. Schedules including more than two courses in the major subject require the approval of the Dean. In general the major will be the continuation of a subject studied in Freshman or Sophomore year (counting Biology as an introduction to Botany or Zoology); departures from this rule, to provide for the

AMOUNT OF WORK REQUIRED FOR ENROLLMENT AND FOR GRADUATION

A student will be admitted to Yale College in full standing only when he has completed successfully the entire work of his Freshman year.

A student will be admitted to the Junior class in full standing only when he has completed successfully the entire work of his Sophomore year, and to the Senior class only when he has completed successfully the entire work of his Junior year.

A student will be recommended for the degree only when he has completed successfully the work of all four years and has received a grade of 75 or better in at least six courses.

Failure in a course in any year may be made up only by passing a comprehensive examination in the course failed. A student who fails
Yale University

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MATHEMATICS

For students who have not passed trigonometry for entrance. Three hours.
Mr. J. I. Tracey, Mr. Church, and Mr. Rawles.

Mathematics 12. Introduction to Calculus.
For students who have passed trigonometry for entrance. Three hours.
Mr. Longley, Mr. Engstrom, Mr. Frantz, Mr. E. Hills, Mr. E. J. Miles,
Mr. E. P. Northrop, Mr. Rawles, Mr. Raudenbush, Mr. Whittemore,
and Mr. W. A. Wilson.

For students of Architecture only. Three hours. Mr. Frantz.

Six credit hours.
For Sophomores in Chemical, Civil, Electrical, and Mechanical Engineering,
Chemistry, and Metallurgy. Three hours. Mr. P. F. Smith, Mr. Engstrom,
and Mr. Whittemore.

Mathematics 22a. Calculus (continued).
For Sophomores in Industrial Administration. Three hours, first half of
year. Mr. P. F. Smith.

A continuation of Mathematics 11. Three hours. Mr. J. I. Tracey.

Six credit hours.
For Sophomores, Juniors, and Seniors. After Mathematics 12. Three
hours. Mr. W. A. Wilson.

Six credit hours.
For Sophomores (with the consent of the instructor), Juniors, and Seniors.
After Mathematics 11 or 12. Three hours. Mr. Raudenbush.

Six credit hours.
For Sophomores (with the consent of the instructor), Juniors, and Seniors.
After Mathematics 11 or 12. Two or three hours. Mr. J. I. Tracey.

Six credit hours.
For Sophomores (with the consent of the instructor), Juniors, and Seniors.
After Mathematics 11 or 12. Three hours. Mr. W. A. Wilson.

Six credit hours.
For Mathematics 21 or 23 or 25. Three hours. Mr. E. J. Miles.

Six credit hours.
After Mathematics 21 or 23 or 25. Three hours. Mr. Longley.

MECHANICAL ENGINEERING

Mechanical Engineering 10a. Mechanical Technology.
Three credit hours.
Summer work at the beginning of the Junior year, commencing 7.00 A. M.,
eight thirty, Tuesday, September 4, 1934. Mr. Keator.

Seven credit hours.
Recitations three hours, laboratory or computation two hours. Mr. Sillery
and Mr. Keator.

Eight credit hours.
After Mechanical Engineering 10a. Three hours, first half of year; recita-
tions four hours, applied work two hours, second half of year. Mr. Keator
and Mr. Waters.

Mechanical Engineering 20a. Mechanical Engineering Shops or Laboratory.
Three credit hours.
Any summer prior to Senior year. A written report is required. Mr. Dudley.

Mechanical Engineering 21b. Inspection Trip.
Omitted in 1934-35.

Six credit hours.
Three hours. Mr. Seward.

Mechanical Engineering 25. Thermodynamics.
Six credit hours.
After Physics 22 and 23. Recitations three hours, laboratory two hours.
Mr. Lichty and Mr. Keator.

Mechanical Engineering 28. Senior Seminar.
Two credit hours.
One and one-half hours. Mr. Dudley.

Mechanical Engineering 35. Engineering Design.
Six credit hours.
After Mechanical Engineering 16b. Recitation one hour, applied work two
hours. Mr. Waters.

Six credit hours.
After Engineering Drawing 10. Recitation one hour, applied work four
hours. Mr. Waters.

Four credit hours.
Two hours. Mr. Dudley.

Two hours, first half of year. Mr. Keator.

Mechanical Engineering 39b. Pumping Machinery.
Two credit hours.
Two hours, second half of year. Mr. Keator.

Mechanical Engineering 40. Heating, Cooling, and Air Conditioning.
Six credit hours.
After Mechanical Engineering 25 or 27. Recitation two hours, laboratory
two hours. Mr. Serlet.

Three credit hours.
After Mechanical Engineering 14 or equivalent. Three hours, first half
of year. Mr. Waters.

Mechanical Engineering 41b. Airplane Engines.
Three credit hours.
After Mechanical Engineering 12 or 27. Recitation two hours, laboratory
two hours, second half of year. Mr. Best.

Mechanical Engineering 44. Experimental Engineering.
Laboratory four hours. Mr. Keator.

Mechanical Engineering 45. Power Engineering.
Six credit hours.
After Mechanical Engineering 25. Lecture one hour, recitations two hours.
Mr. Wohlenberg.

Mechanical Engineering 46. Automotive Engineering.
Six credit hours.
Recitations two hours, laboratory two hours. Mr. Best.