

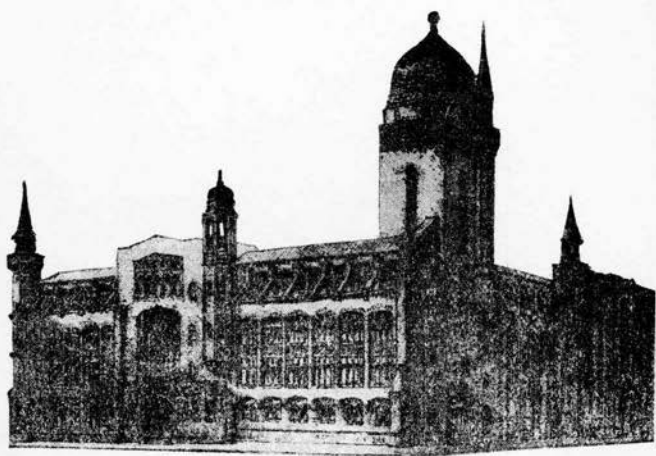
# YESHIVA COLLEGE

CATALOGUE

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1932-1933



# YESHIVA COLLEGE

## CATALOGUE



1932-1933

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## COLLEGE CALENDAR (1932-1933)

## 1932

- September 7, '8, Wednesday and Thursday, Entrance Examinations.  
September 14, 15, Wednesday and Thursday, Admission of new students and Registration.  
September 20, Tuesday, Beginning of Instruction, Fall Term 1932-33.  
September 28, October 3, Wednesday-Monday, Rosh-ha Shanah.  
October 9, 10, Sunday and Monday, Yom Kippur.  
October 12, Wednesday, Columbus Day.  
October 13-23, Thursday-Sunday, Succoth.  
November 8, Tuesday, Election Day.  
November 24, 25, Thursday and Friday, Thanksgiving Holidays.  
December 25, Sunday, Hanukah Sunday.

## 1933

- January 1, Sunday, New Year's Day.  
January 7, Sunday, Fast of Tebeth.  
January 20, Friday, Beginning of Mid-Year Examinations.  
February 1, 2, Wednesday and Thursday, Admission of new students and Registration.  
February 3, Friday, Beginning of Instruction, Spring Term 1933.  
February 12, Sunday, Lincoln's Birthday.  
February 22, Wednesday, Washington's Birthday.  
March 12, Sunday, Purim.  
April 9-18, Sunday-Tuesday, Passover Holidays.  
May 14, Sunday, Lag B'Omer.  
May 30, Tuesday, Memorial Day.  
May 31, June 1, Wednesday, Thursday, Shevuoth.  
June 4, Sunday, Beginning of Final Examinations.  
June 15, Thursday, Commencement.

BOARD OF DIRECTORS  
RABBI ISAAC ELCHANAN THEOLOGICAL SEMINARY  
AND YESHIVA COLLEGE

SAMUEL BAYER

RABBI NACHMAN H. EBIN

C. JOSHUA EPSTEIN

HARRY FISCHEL

DR. SAMUEL FRIEDMAN

PINCUS GLICKMAN

LOUIS GOLD

JOSEPH GOLDING

RABBI HERBERT S. GOLDSTEIN

BENJAMIN GOTTESMAN

MENDEL GOTTESMAN

PAUL HERRING

FRANK HILLMAN

MARK HUREWITZ

S. A. ISRAEL

SAMUEL KAMLET

JOSEPH LAMPORT

MORRIS W. LEVINE

ABRAHAM LEVY

HON. SAMUEL LEVY

BERNARD LONDON

RABBI M. S. MARGOLIES

SAMUEL MINSKOFF

ISAAC MUSS

ISAAC POLSTEIN

JOSEPH POLSTEIN

JOSEPH RAVITCH

DR. B. REVEL

HARRY ROGGEN

G. S. ROTH

HARRIS L. SELIG

A. M. STAVISKY

SAMUEL F. STAVISKY

LEON TUCHMANN

MEYER VESELL

PETER WIERNIK

DAVID ZIPKIN

THE YESHIVA COLLEGE ADVISORY COUNCIL

SAMUEL LEVY, President, Borough of Manhattan, *Chairman*.

LOUIS GOLD, *Treasurer*, New York City.

HERBERT S. GOLDSTEIN, President, Union of Orthodox Jewish  
Congregations of America, *Secretary*, New York City.

JACOB FABIAN, Paterson, N. J.

DR. SAMUEL FRIEDMAN, New York City.

NATHAN ISAACS, *Professor of Business Law*, Graduate School of  
Business Administration, Harvard University, Cambridge,  
Mass.

BERNARD REVEL, *President of the Faculty*, Yeshiva and Yeshiva  
College, New York City.

FREDERICK B. ROBINSON, *President*, College of the City of  
New York, New York City.

DAVID EUGENE SMITH, *Professor Emeritus*, Teachers' College  
Columbia University, New York City.

CHARLES C. TORREY, *Professor Emeritus of Semitic Languages*,  
Yale University, New Haven, Conn.

## FACULTY

- BERNARD REVEL ..... *President*  
A.M., New York University, 1909; Ph.D., Dropsie, 1911
- SHELLEY R. SAFIR ..... *Dean and Professor of Biology*  
A.B., College of the City of New York, 1912; A.M., Columbia University, 1913; Ph.D., 1920.
- PINKHOS CHURGIN ..... *Associate Professor of Hebrew Literature*  
Ph.D., Yale University, 1922.
- BERNARD DRACHMAN ..... *Instructor in German*  
A.B., Columbia University, 1882; A.M., University of Heidelberg, 1884; Ph.D., 1884.
- JEKUTHIEL GINSBERG ..... *Associate Professor of Mathematics*  
A.M., Columbia University, 1916
- ABRAHAM B. HURWITZ ..... *Instructor in Physical Education*  
B.S., College of the City of New York, 1927; A.M., Teachers' College, Columbia University, 1928
- MOSES L. ISAACS ..... *Instructor in Chemistry*  
A.B., University of Cincinnati, 1920; A.M., 1921; Ph.D., 1923
- LEO JUNG ..... *Professor of Ethics*  
A.B., London University, 1919; Ph.D., 1922; A.M., Cambridge University, 1926
- JOSEPH KAHN ..... *Instructor in Chemistry*  
Ph.D., Munich University, 1928.
- NATHAN KLOTZ ..... *Instructor in Bible*  
Ph.D., Wuerzburg University, 1925
- RAPHAEL KURZROK ..... *Lecturer in Physiology*  
A.B., Columbia University, 1918; M.D., 1920; A.M., 1927; Ph.D., 1928
- JULIUS LITTMAN ..... *Instructor in Physiology*  
A.B., Fordham University, 1924; M.D., Long Island College Hospital, 1926.
- ERASTUS PALMER ..... *Professor of Public Speaking*  
A.B., Hamilton, 1882; A.M., 1890
- BEN-ZION L. ROSENBLUM ..... *Instructor in Psychology*  
B.S., New York University, 1926; A.M., Columbia University, 1928
- NATHAN SAVITSKY ..... *Instructor in Psychology*  
B.S., College of the City of New York, 1922; M.A., Columbia University, 1923; M.D., New York University, 1927.

JACOB R  
Ph.SOLOMO  
Ph.JOSEPH  
B.S.JOSEPH  
B.KENN  
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- JACOB R. SILVERMAN.....*Instructor in Physics*  
Ph.D., University of Czernowitz, 1909
- SOLOMON GANDZ.....*Librarian*  
Ph.D., University of Vienna, 1911
- JOSEPH GLANZ.....*Assistant in Chemistry*  
B.S., College of the City of New York, 1925; M.S., 1927
- JOSEPH RUDMAN.....*Assistant Librarian*  
B.S., College of the City of New York, 1931

## ASSOCIATED FACULTY

- KENNETH F. DAMON.....*Public Speaking*  
Instructor in Public Speaking, College of the City of New York  
A.B. University of Wisconsin, 1921; A.M., Teachers' College,  
Columbia University, 1927
- WILLIAM J. FARMA.....*Public Speaking*  
Assistant Professor of Public Speaking, New York University  
A.B., University of Wisconsin, 1923; A.M., 1926
- SOLOMON FLINK.....*Economics*  
Instructor in Economics, College of the City of New York.  
M.A., Columbia University, 1928; Ph.D., 1930.
- HENRY E. GARRETT.....*Psychology*  
Assistant Professor of Psychology, Columbia University  
A.B., Richmond College, 1915; A.M., Columbia University, 1921;  
Ph.D., 1921
- CHARLES F. HORNE.....*English*  
Professor of English, College of the City of New York  
B.S., College of the City of New York, 1889; M.S., 1897; Ph.D.,  
New York University, 1905
- SOLOMON LIPTZIN.....*German*  
Instructor in German, College of the City of New York  
A.B., College of the City of New York, 1921; A.M., Columbia  
University, 1922; Ph.D., 1924
- ALEXANDER LITMAN.....*Philosophy*  
Instructor in Philosophy, Columbia University  
A.B., University of Minnesota, 1924; Ph.D., Columbia University, 1929

**NELSON P. MEAD**.....*History*

Professor of History, College of the City of New York  
 B.S., College of the City of New York, 1899; A.M., Columbia  
 University, 1901; Ph.D., 1906

**MILTON OFFUTT**.....*History*

Instructor in History, College of the City of New York  
 A.B., Princeton University, 1921; Ph.D., Johns Hopkins, 1927

**JOSEPH PEARL**.....*Latin*

Associate Professor of Latin, Brooklyn College  
 A.B., College of the City of New York, 1906; Ph.D., New York  
 University, 1913

**ISADORE A. SCHWARTZ**.....*French*

Instructor in French, School of Education, College of City of New York  
 B.S., College of City of New York, 1913; A.M., Columbia University,  
 1917; Ph.D., New York University, 1931

**JOSEPH T. SHIPLEY**.....*English*

Instructor in English, School of Education, College of City of New York  
 A.B., College of the City of New York, 1912; A.M., Columbia  
 University, 1914; Ph.D., 1931

**LOUIS A. WARSOFF**.....*Government*

Instructor in Government, Brooklyn College  
 B.S.S., College of the City of New York, 1923; M.B.A., 1929; J.Sc.D.,  
 New York University, 1927; LL.M., Columbia University, 1927

**SOLOMON ZEITLIN**.....*Jewish History*

Professor of Rabbinics, Dropsie College  
 D.Th., École Rabbinique, Paris, 1914; Ph.D., Dropsie, 1918

## GENERAL STATEMENT

**Y**ESHIVA COLLEGE is an integral part of the Yeshiva, the Rabbi Isaac Elchanan Theological Seminary, which was incorporated in 1896. By an amendment to the charter made by the Board of Regents of the University of the State of New York, it is authorized to offer courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to confer these degrees.

Yeshiva College dedicates its energies to the education of selected groups of Jewish young men. It aims to educate liberally as well as Jewishly, young men who have already been imbued with the spirit and the sanctity of Judaism and its teachings, and who consider the complete understanding of the culture and the faith of historic Judaism an essential part of the equipment to be acquired during their college years. It seeks to strengthen in the minds of its students this abiding consciousness of the high ideals and the spiritual heritage of the Jewish people, and to develop intellect and character through the pursuit of those humanizing studies by which life is enriched. Yeshiva College believes that an understanding of the background of Judaism, and its contribution to human progress, will quicken the student's insight into his liberal studies. It aims to foster this harmonious growth, in which the bases of modern knowledge and culture in the fields of art, science, and service, are blended with the bases of Jewish culture, so that its students may be trained in the spirit of intelligent and high-minded enthusiasm, and develop as informed and devoted sons in the spirit and faith of Israel, able to recognize the essential harmony of life.

For the present, Yeshiva College is open only to the students of the Yeshiva, who are taking their Jewish studies in the Yeshiva itself, where the method of intensive and independent study encourages intellectual initiative among the students, and where research and individual endeavor—properly guided and advised—inspire the student to sustained effort. Yeshiva College is, by design, a small college, with a body of select students, so that this approach to the tutorial system may always characterize the College work, and maintain that close personal contact between faculty and students which stimulates thought and helps to build character.

On every side of Yeshiva College are the manifold facilities for education afforded by this great city—libraries, museums, scholarly and scientific associations, and public forums, all eager to help the student prepare himself in mind, spirit, and body for the tasks of life.

### LOCATION AND BUILDINGS

**Y**ESHIVA College occupies two and a half square blocks on Washington Heights, the highest ground of Manhattan Island, New York City. It rises above the Harlem River Valley and looks westward across the Hudson River to the Palisades. Not far from New York University, the College of the City of New York, and Columbia University, it stands, removed from the rush of the commercial center of the city, but close to its academic heart.

The buildings now completed consist of the main building, the auditorium, and the dormitory, comprising Group A of the Yeshiva structures. On the ground floor of the main building there is a well-equipped gymnasium, to serve until the physical education building is erected. On the first floor are the offices of administration, with offices for the faculty, and seminar rooms. Above these are a large library, and two floors of well lighted and ventilated class rooms and conference rooms. The top floor is given over to art rooms and to thoroughly modern laboratories.

The main auditorium is a high, well proportioned chamber, with seating capacity of over 1,100, and excellent acoustics. The amphitheatre is 110 feet square, surmounted by a dome; and of the platform are provided reception rooms for entertainments, or for speakers and guests. The auditorium is so designed as to be flexible in its service, and may be used as a lecture hall, a meeting hall, or for various programs suited to the activities of the College.

The dormitory is fully equipped with large, well lighted rooms, with kitchens for the preparation of food in the orthodox Jewish manner, and with dining halls, libraries, and social halls for the accommodation of over 200 resident students.

The next group of buildings to be erected, Group B, includes the Yeshiva, the Library and Museum of Jewish Art and Archeology, and the Physical Education Building.

METHODS OF ADMISSION

Admission to the Freshman class of Yeshiva College is secured in any of the ways described below.

- I. By the examinations of the College Entrance Board.
- II. By the College Entrance Diploma of the Board of Regents of the University of the State of New York.
- III. By certificate or diploma from the school in which the candidate has prepared. Such schools must have been approved by the Faculty of the College, and recognized by the Board of Regents of the University of the State of New York.
- IV. By examinations at the College. These may be required of any applicant.

All candidates for admission to Yeshiva College, in addition to qualifying in one of the ways indicated above, will be required to take examinations or give other satisfactory evidence, to establish their qualifications for the work in the Department of Jewish Studies.

Applicants for admission with advanced credit should communicate with the Registrar, Yeshiva College, Amsterdam Avenue and 186th Street, New York City.

REQUIREMENTS FOR ADMISSION

Fifteen units of secondary school subjects are required for admission to the Freshman year of Yeshiva College. A unit represents approximately one hour's prepared work a day for a school year.

English (four years).....	3
Foreign Language (three years of one language).....	3
History .....	1
Science .....	1
Algebra (Elementary and Intermediate).....	1½
Plane Geometry .....	1
Electives* .....	4½

15

\*Electives may be chosen from the following: Advanced Algebra, ½; Trigonometry, ½; Solid Geometry, ½; Second Foreign Language, 1 or 2; Additional Science, 1 or 2; Additional History, ½ or 1; Hygiene and Health Education, ½; Manual Arts, ½ or 1; Drawing, ½ or 1; Economics, ½; Civics, ½.

In addition to these units of general work, candidates for admission to Yeshiva College must pass examinations to satisfy the requirements in the following subjects:

**BIBLE:** The Pentateuch, the Former Prophets, and Jeremiah. Ability to use the standard Hebrew commentaries.

**HEBREW:** The elements of Hebrew grammar. Ability to understand narrative Hebrew prose; composition, written and oral.

**HISTORY:** An intensive knowledge of the important events in Jewish history to the destruction of the Second Commonwealth, and a general knowledge of Jewish history from that time to the present.

**TALMUD:** One major tractate of the Talmud; ability to expound portions of the Talmud and the standard commentaries.

### TUITION, LOANS, AND FEES

The annual tuition fees of Yeshiva College are \$300. This sum includes laboratory and library fees. A number of scholarships to cover tuition fees are awarded annually, to students of promise.

The College has, in addition, a system of deferred payments of tuition fees, for students worthy of such encouragement.

Yeshiva College has a students' home, with accommodations for 200 resident students. Out of town students are to make application for dormitory accommodations at the College. A number of scholarships covering the expense of dormitory residence are granted annually.

### SPECIAL STUDENTS

Certain of the courses offered at Yeshiva College are open to students not candidates for the baccalaureate degree; these students must give evidence of fitness in respect to maturity and previous training and ability to maintain satisfactory standards of progress. Such students are admitted by the *Committee on Admission* of the Faculty, and are registered as *Special Students*. For further information, apply to the Registrar, Yeshiva College, Amsterdam Avenue and 186th Street, New York City, N. Y.

### REQUIREMENTS FOR GRADUATION

Every candidate for the degree of Bachelor of Arts must complete prescribed and elective courses amounting to 128 credits, in addition to the work prescribed in the Department of Jewish and Semitic Studies. Of the prescribed work in this department, a maximum of 16 points may be credited toward the required 128. The candidate must maintain a grade above *D* in two-thirds of his studies. Four years of study at Yeshiva College is the normal time for the attainment of the baccalaureate degree.

The student's choice of departments of concentration, and of all electives, must be made with the advice and approval of the Chairman of Programs. No elective course may be taken or dropped without his sanction.

### HONORS

**GENERAL HONORS:** A student who completes the work of the entire course with an average of *B* or better, may receive his degree *cum laude*, *magna cum laude*, or *summa cum laude*, as the Faculty determines.

**DEPARTMENT HONORS:** In each year of the college course, honors are awarded within every department, for excellence in the work of that department.

Upon graduation, students whose general standing is materially higher than that required for the awarding of the degree, may receive the degree with honor in any department, in accordance with the special requirements of the department, and upon recommendation of the head of the department, approved by the Faculty.

### STANDING

Every student must consistently so conduct himself as to give evidence of high-mindedness and seriousness of purpose. Indications of a lapse in this respect, failure to meet the passing requirements in studies, or any cause deemed sufficient by the Faculty, may occasion request for the student's withdrawal from the College.

### RATINGS

The rating of students in the various courses will be indicated in accordance with the following system: *A*, 90-100; *B*, 80-89; *C*, 70-79; *D*, 60-69; *F*, Failure.

## COURSE OF STUDY

## Freshman Year

## I. Prescribed Work

In addition to the regular study of languages, the work of the Freshman year is marked by the orientation or general survey courses in mathematics, natural sciences, and social science. These courses are so planned as to acquaint the student with the principles and facts that underlie the general fields of study, that are essential to the development of understanding of man in relation to his human and his natural environment, and basic for the further pursuit of study in the particular fields of the student's later choice.

Subject	Hours	Credits
Language 1-2 .....	3	6
English 1-2 .....	2	4
Oral English 1-2 .....	2	2
Mathematics 1-2 .....	4	8
*Biology 1, Biology 2 .....	4-6	3-3½
*History 1-2 .....	3	6
Physical Education 1-2 .....	2	2

\*One of these is required in the Freshman Year.

There are further offered in the Freshman year, the following subjects in the Department of Jewish and Semitic Studies:

Bible 1-2 .....	2
Hebrew 1-2 .....	2
Jewish History 1-2 .....	2
Jewish Ethics 1-2 .....	2
Talmud 1-2 .....	1

## Sophomore Year

The work of this year continues the general training of the student, more fully equipping him with the tools of study, acquainting him with the facts of life, and preparing him for the wider choice and more deliberate concentration of his last two collegiate years.

Subject	Hours	Credits
Language 3-4 .....	3	6
English 3-4 .....	3	6
Oral English 3-4 .....	2	2
*Mathematics 3-4 .....	3	6
Chemistry 1-2 .....	6	7
*History 3-4 .....	3	6
Physical Education 3-4 .....	2	2

\*One of these is required in the Sophomore year.



Department of Jewish and Semitic Studies:

Bible 3-4 .....	2
Hebrew 3-4 .....	2
Jewish History 3-4 .....	2
Jewish Ethics 3-4 .....	2
Jewish Liturgy 31-32 .....	2
Talmud 3-4 .....	1

Junior and Senior Years

In pursuance of its aim to give its students a broad and liberal training for life, Yeshiva College emphasizes the humanities in its curriculum. By the application of the group system of electives, it aims to secure both breadth and depth of thought, to combine the advantages of concentration and of wide survey, with a spiritual outlook that will direct and properly sustain the acquired power.

During the last four semesters, 12 credits are required, as follows:

Subject	Hours	Credits
Philosophy 1-2 .....	3	6
Psychology 1 .....	3	3
Ethics 1 .....	3	3

The following courses are offered in the Department of Jewish and Semitic Studies:

JUNIOR YEAR

Bible 5-6 .....	2
Hebrew 5-6 .....	1
Jewish Literature 1-2 .....	2
Jewish History 5-6 .....	2
Jewish Ethics 5-6 .....	2
Jewish Philosophy 11-12 .....	2

SENIOR YEAR

Bible 7-8 .....	2
Jewish History 7-8 .....	2
Jewish History 9-10 .....	1
Jewish Philosophy 13-14 .....	2
Jewish Education 21-22 .....	1

II. Elective Work

Of the remaining credits necessary to make a total of 128 points, the student must elect 12 credits of work in each of two of the following fields of study. The remaining hours he may devote to further concentration, or to the promotion of his cultural needs.

DEPARTMENTS OF INSTRUCTION

- Foreign Languages and Literature
- English Language and Literature
- Mathematics and Natural Sciences
- History and Social Sciences
- Philosophy, Psychology, Education and Ethics
- Jewish and Semitic Studies

## DEPARTMENTS OF INSTRUCTION

## FOREIGN LANGUAGES AND LITERATURE

## Greek

GREEK 1-2. Elementary Greek, for students who have offered Latin or a modern foreign language at entrance. Grammar and composition throughout the year. Portions of Xenophon's *Anabasis*, second semester.

Three hours; 6 credits

Elective in the Freshman or Sophomore year.

GREEK 3-4. Homer. Selections from the *Iliad* and *Odyssey*; drill in Homeric forms and syntax, and in prose composition.

Three hours; 6 credits

Elective in the Sophomore or Junior year to students who have completed one year of Greek.

GREEK 5-6. Selections from Plato, especially the *Apology*, *Crito*, and *Phaedo*. Selections from Herodotus. One Greek tragedy. Sight reading from Herodotus and Xenophon. Drill in Ionic forms and syntax, and in prose composition.

Three hours; 6 credits

Elective to Juniors and Seniors who have completed

Greek 3-4.

GREEK 7. Euripides. One play is studied in detail, with sight and supplementary reading from other plays of Euripides, and other dramatists.

Three hours; 3 credits

Elective to Juniors and Seniors who have completed

Greek 3-4.

GREEK 8. Sophocles. One play is studied in detail. Survey of the origin and development, and the content and form, of the Greek drama.

Three hours; 3 credits

Elective to Juniors and Seniors who have completed

Greek 3-4.

GREEK 9. Bible Greek. A study of the Septuagint Version of the Bible, with especial attention to the linguistic aspects of Biblical Greek.

Three hours; 3 credits

Elective to Juniors and Seniors who have completed

Greek 3-4.

GREEK 11-12. Greek Civilization. A consideration of Greek civilization, emphasizing the contacts between the Jews and the Greeks, from Alexander to Caesar; Greek social and religious antagonism to the Jews; Greek distorted conceptions of Jewish life and religion. Philo's *Legatio ad Gaium* and *in Flaccus*, and Josephus' *Contra Apionem* are studied in detail as to content and sources, with further reading and seminar reports.

Three hours; 6 credits

Elective to Juniors and Seniors who have completed

Greek 3-4.

**Latin**

LATIN 1-2. Vergil and Ovid. Study of selections from Vergil's *Bucolics and Aeneid*, and Ovid's poems. Survey of Latin prosody. Exercises in prose composition.

Three hours; 6 credits

Open to Freshmen who offer three years of Latin at entrance.

LATIN 3-4. Horace and Pliny. Horace's *Odes* and *Epodes* are studied from a literary standpoint. Some of the *Satires* and *Epistles* are also studied. The letters of Pliny are read, with other reading on Roman life and the civilization of the period. Latin prose composition.

Three hours; 6 credits

Open to students who have completed Latin 1-2 or its equivalent.

LATIN 5. Latin Comedy. Two comedies of Plautus are studied, with attention to the peculiarities of colloquial Latin, and to the relation of Plautus both to his Greek originals and to modern comedy. The plays of Terence are also studied, with consideration of the dramatist's character delineation and literary influence, and the relation of the drama to the civilization of the period.

Three hours; 3 credits

Elective to Juniors and Seniors who have completed Latin 3-4.

LATIN 6. Latin Lyric Poetry. Readings in lyric and elegiac poetry from Catullus, Propertius and Tibullus. The Roman life of the period of the authors read is considered in relation to their work, and the influence of these authors and literary types in other ages and literatures, especially English.

Three hours; 3 credits

Elective to Juniors and Seniors who have completed Latin 3-4.

**LATIN 7. Roman History.** A comprehensive view of Roman historical literature. Annals of Tacitus, and readings from Sallust and Livy. Collateral topics on the political, social, and literary conditions of ancient Rome.

Three hours; 3 credits

Elective to Juniors and Seniors who have completed Latin 3-4.

**LATIN 8. Roman Philosophy.** The philosophical essays of Cicero, with study of the *De Natura Deorum*, the *Academia*, and the *Tusculan Disputations*. Selected essays of Seneca. Roman social and philosophical problems under the imperial tyranny.

Three hours; 3 credits

Elective to Juniors and Seniors who have completed Latin 3-4.

**LATIN 9-10. The Roman World and the Jews.** Jewish contact with Rome from the time of the Hasmoneans; Pompey, Herod and the Romans. The War of 68 C.E.; the Bar Kochba uprising. Origin, history, and organization of the Jewish Community in Rome; expulsion under Tiberius and Claudius. Jewish inscriptions in catacombs and cemeteries in Rome. Misrepresentations of Jewish life and religion in Roman literature. Cicero, Horace, Juvenal. Intensive reading of texts; Dion Cassius; study of sources; reports.

Three hours; 3 credits

Elective to Juniors and Seniors who have completed Latin 3-4.

Note: A course in elementary Latin is offered to students who wish to begin the study of the language.

### French

**FRENCH 1-2. Advanced French.** Review of morphology and syntax. Exercises in composition and conversation. Selected reading.

Three hours; 6 credits

Open to Freshmen who offer three years of French at entrance.

**FRENCH 3-4. Survey of French Literature.** First Semester; General Introductory Material from the beginning of French Literature through the Renaissance, with special emphasis on the Classical period of the seventeenth century, the drama of Corneille, Racine, and Molière, with the literary and intellectual currents of the eighteenth century, as manifested in the works of the Encyclopedists. Second semester; from Rousseau through the Romantic school to the modern period, including the Realistic movement, with special emphasis on the work and influence of Mme de Staël, Chateaubriand, Lamartine, Hugo, Balzac, Flaubert, and Zola. Wide reading in the prose, the poetry, and the drama of these periods.

Three hours; 6 credits

Open to students who have completed French 1-2.

**FRENCH 5. Advanced Composition.** A course in oral and written French, stressing contemporary practice. Selected reading from modern writers. Frequent exercises in translation, in composition, and in conversation. Speeches in French. The use of idioms, and the appreciation of fine shades of meaning, will be emphasized. Conducted in French.

Three hours; 3 credits

Elective in the Junior or Senior year to students who have completed French 3-4.

**FRENCH 6. Contemporary French Literature.** This course covers the present aspects of French political, social, and literary activity, the tendencies in French poetry and prose of the last fifty years. Wide reading among the authors discussed, with frequent reports based on supplementary reading. Conducted in French.

Three hours; 3 credits

Elective in the Junior or Senior year to students who have completed French 3-4.

### German

**GERMAN 1-2. Prose composition, with review of grammar, and considerable practice in spoken German.** Reading in the dramas of Lessing, Schiller, and Goethe, and in German lyric poetry.

Three hours; 6 credits

Open in the Freshman year to students who offer three years of German at entrance.

**GERMAN 3-4. History of German Literature.** A survey of German literature from the earliest times, with especial attention to the forerunners of the Classical Period, to Lessing, Goethe, and Schiller, and to their contemporaries. The Romantic School is studied in some detail, as well as recent German literature.

Three hours; 6 credits

Open in the Sophomore year to students who have completed German 1-2.

**GERMAN 5. German Literature of the Nineteenth and Twentieth Centuries.** Study of the more important writers; the interrelation of literature and life; reading of texts selected from the best prose writers and poets. Individual reading and reports. This course is conducted entirely in German.

Three hours; 3 credits

Elective to Juniors and Seniors who have completed German 3-4.

**GERMAN 6. German Composition and Conversation.** The aim of this course is to train the student in speaking, writing, and understanding modern German. Constant practice in translation, in composition, and in conversation. Original speeches in German. Survey of contemporary German life and institutions, of the culture of post-war Germany.

Three hours; 3 credits

Elective to Juniors and Seniors who have completed German 3-4.

**Note:** Courses in elementary French and German are offered to students who wish to begin the study of these languages. These are elective, for three hours; 3 credits each semester.

## ENGLISH LANGUAGE AND LITERATURE

ENGLISH 1-2. Composition and Rhetoric. The aim of this course is to give training in the correct and effective use of English. Special attention is paid to word analysis and choice of words, to sentence and paragraph structure. Frequent themes emphasizing these elements of composition are required. Emphasis is laid on clear thinking as the basis of lucid and coherent expression, and the work is directed toward the development of the student's powers of observation, reflection, and coordination, as well as his command of formal correctness. Special stress is laid upon the four types of composition, Narration, Description, Exposition and Argumentation.

Two hours; 4 credits

Required in the Freshman year.

ENGLISH 3-4. Introduction to the History of English Literature. An outline of the history of English Literature from the Anglo-Saxons to our own day, accompanied by a study of masterpieces illustrating the various literary periods. Part of the time is given to a consideration of the most important American authors. Considerable outside reading, and special attention to the English versions of the Bible, particularly the King James Version.

Three hours; 6 credits

Required in the Sophomore year.

ENGLISH 5. Shakespeare. The histories and comedies. With supplementary reading among his contemporaries.

Two hours; 2 credits

Elective in the Junior or Senior year.

ENGLISH 6. Shakespeare. The tragedies.

Two hours; 2 credits

Elective in the Junior or Senior year.

ENGLISH 7-8. World Literature. This course requires the reading of a series of the world's masterworks. These are traced in chronological succession, so as to make the course a general history not only of literature but of the development of civilization and the growth of human thought.

Three hours; 6 credits

Elective in the Senior year.

ENGLISH 9. Contemporary Literature. This course aims to guide students along the many roads of the literature of the twentieth century, emphasizing the more conspicuous literary schools and styles of the present day.

Two hours; 2 credits

Elective in the Junior or Senior year.

ENGLISH 11-12. American Literature. Survey of American Literature from Colonial times to the present, with consideration of the main currents of theory and practice, and of the influence of other literatures, especially English, upon American authors. Wide reading in poetry and prose.

Two hours; 4 credits

Elective in the Junior or Senior year.

ENGLISH 13. Elementary Anglo-Saxon. Study of the grammar of Anglo-Saxon with readings in other Anglo-Saxon literature. Consideration of the relation of Anglo-Saxon to modern English.

Two hours; 2 credits

Elective in the Junior or Senior year.

ENGLISH 14. Beowulf. With supplementary reading of other Anglo-Saxon poetry.

Two hours; 2 credits

Elective in the Junior or Senior year. Pre-requisite, English 13.

ENGLISH 15. Literary Technique. A consideration of problems of expression and of literary style, in the various forms of literary composition: drama, poetry, novel, essay, etc. Study of representative works, and considerable practice in the various literary forms.

Two hours; 2 credits

Elective in the Junior or Senior year.

ENGLISH 16a-16b. Advanced Composition. Practice in expression; putting the student's power at the service of professional need or creative inclination. Emphasis on the essay. Consideration of technical elements and points of style, with discussion adapted to the needs of the student.

Two hours; 4 credits

Elective in the Junior or Senior year.

ENGLISH 17a-17b. Comparative Literature of Northern Europe. The main currents of literary life in Germany, Russia, and the Scandinavian countries during the nineteenth century.

Two hours; 4 credits

Elective in the Junior or Senior year.

ENGLISH 18. The Literatures of Northern Europe in the twentieth century.

Two hours; 2 credits

Elective in the Junior or Senior year.

ENGLISH 19. History of the English Language. A survey of the history of English sounds, inflexions, words, and sentences.

Two hours; 2 credits

Elective in the Junior or Senior year.

ENGLISH 20. Syntax and Style. A study of present English usage and a variety of styles of modern English prose.

Two hours; 2 credits

Elective in the Junior or Senior year.



### Oral Expression

ORAL EXPRESSION 1-2. The aim of this course is the development of effective speech-habits, a term which is taken to include breathing, voice-production, vocal flexibility and control, articulation, and gesture. The course demands a considerable amount of class-room practice in reading and speaking.

Two hours; 2 credits

Required in the Freshman year.

ORAL EXPRESSION 3-4. Practice in the preparation and delivery, in class, of both extemporaneous and memorized speeches, based on a systematic study of rhetorical theory.

Two hours; 2 credits

Required in the Sophomore year.

ORAL EXPRESSION 5-6. Extemporaneous speaking. The aim is chiefly to develop the student's capacity to think while before an audience and to express himself clearly and forcefully.

Two hours; 2 credits

Elective in the Junior or Senior year.

ORAL EXPRESSION 7. Voice and Diction. Practice in extemporaneous speaking, with emphasis on the improvement of vocal quality and the effectiveness of the speech through the resources of the personality of the speaker.

Two hours; 1 credit

Elective in the Junior or Senior year.

ORAL EXPRESSION 8. Speech Technique. Analysis of the form of representative ancient and modern orations, as the basis of practice in preparing and delivering speeches on current topics. Opportunity is afforded for speeches outside the classroom.

Two hours; 1 credit

Elective in the Junior or Senior year.

ORAL EXPRESSION 9. English Phonetics. After an introduction to phonetics as a descriptive science of spoken language, the student is guided through a careful analysis of the sounds of English speech. The actual speech of the student is studied in detail.

Two hours; 1 credit

Elective in the Junior or Senior year.

## MATHEMATICS AND NATURAL SCIENCES

## Mathematics

**MATHEMATICS 1-2. Mathematical Analysis.** This is a general survey course in mathematics, covering the principles underlying, and the rudiments of Advanced Algebra, Solid Geometry and Analytical Geometry. These subjects are presented in a unified manner, so that mathematics as a single field of study is set in its proper relationship with other fields of scientific endeavor.

Four hours; 8 credits

Required in the Freshman year.

**MATHEMATICS 3-4. Calculus.** Differential and Integral Calculus, with consideration of their applications. Special methods of integration. The definite integral and its application to geometry, physics, and mechanics.

Three hours; 6 credits

Elective in the Sophomore year.

**MATHEMATICS 5. Theory of Functions of a complex variable,** with geometric and physical applications.

Three hours; 3 credits

Elective in the Junior or Senior year.

**MATHEMATICS 6. Theory of Numbers.** The properties of integers and the methods of algebra and calculus available in their study.

Three hours; 3 credits

Elective in the Junior or Senior year.

**MATHEMATICS 7. Projective Geometry.** An introductory course dealing with the principle of duality, harmonic rating, homologous configurations and the application of their properties to curves of second order and class.

Three hours; 3 credits

Elective in Junior year.

**MATHEMATICS 8. Theory of Groups,** especially finite groups, from the various fields of mathematics, and as applied in the Galois method of the problems of the algebraic solution of the fifth degree equation.

Three hours; 3 credits

Elective in the Junior or Senior year.

**MATHEMATICS 9. Ordinary Differential Equations.** Applications to problems in physics and geometry.

Three hours; 3 credits.

Elective in the Junior or Senior year.

**MATHEMATICS 10. History of Mathematics.** A consideration of some of the classical problems of mathematics, such as the trisection of the angle, the duplication of the cube, and the quadrature of the circle; with special reference to the influence which the attempts at solution of these problems have had on the development of mathematics. Attention will also be given to the Jewish contributions to the science of mathematics.

Three hours; 3 credits

Elective in the Junior or Senior year.

### Chemistry

**CHEMISTRY 1-2. Elementary Inorganic Chemistry.** The aim of this course is to give the student a thorough grounding in the science, and an acquaintance with scientific methods and laboratory technique.

Two lectures, one recitation and three laboratory hours:  
7 credits; Prescribed in the Sophomore year.

**CHEMISTRY 3. Qualitative Analysis.** Instruction in the principles involved in the detection of unknown substances.

Prerequisites: Chemistry 1-2. One lecture, one recitation and six laboratory hours:  $3\frac{1}{2}$  credits.  
Elective in the Junior or Senior year.

**CHEMISTRY 4. Quantitative Analysis.**

Prerequisites: Chemistry 1-2-3. One lecture, one recitation and six laboratory hours:  $3\frac{1}{2}$  credits.  
Elective in the Junior or Senior year.

**CHEMISTRY 5. Organic Chemistry. Preparations. Qualitative analysis; fundamental theory and laboratory method.**

Prerequisites: Chemistry 3. Two lectures, one recitation and four laboratory hours:  $3\frac{1}{2}$  credits.  
Elective to students who have completed Chemistry 3.

**CHEMISTRY 6. Organic Chemistry. Compounds. Research problems.**

Prerequisites: Chemistry 3, 5. Two lectures, one recitation, and four laboratory hours:  $3\frac{1}{2}$  credits.  
Elective after Chemistry 5.

### Physics

**PHYSICS 1-2. General Physics.** A study of the general principles of physics and their application, with emphasis on laboratory work, and on the development of the principles of physics in the activities of daily life. The work of the first semester will include mechanics, magnetism, and electricity.

One lecture, two recitations and three laboratory hours; 7 credits  
Elective in the Sophomore or Junior year.

**PHYSICS 3-4. Advanced Physics.** More detailed consideration of the general principles of Physics. Special study of the problems of modern physics. Gravitation, relativity, electricity, the atom and the electron, quanta, ionization, the most recently developed or discovered wave-motions (radio-activity, piezo-electricity, electro-magnetic theory of light) and the border problems of physical chemistry and bio-physics, as in crystallization and colloid chemistry.

Two lectures, one recitation, and three laboratory hours; 7 credits  
Elective to students who have completed Physics 1-2.

**Biology**

**BIOLOGY 1.** Introductory Biology. The fundamental laws and principles of the structure, functions, development, and history of living things.

Three lectures and one recitation; 3 credits

Elective in the first semester of the Freshman year.

**BIOLOGY 2.** Physiology and Hygiene. Beginning with a consideration of the physical and chemical structure of living matter, the various organ systems, such as the circulatory, respiratory, alimentary, urinary, nervous and reproductive, will be considered. The vitamins and endocrine glands will be viewed from the most modern standpoint. The anatomy of the various tissues of the body will be discussed briefly. While an attempt will be made to cover the general field of physiology, man will be used as the type where possible, and in general, the human aspect of the subject will be emphasized. From these general principles of physiology, lessons of personal hygiene will be drawn.

Two lectures, one recitation and three laboratory hours; 3½ credits

Required in the second half of the Freshman year.

**BIOLOGY 3-4.** General Biology. A study of the fundamental laws and principles of the structure, functions, development, history, activities and relationships of living things. Special emphasis will be placed on forms selected from the different plant and animal groups.

One lecture, two recitations, and three laboratory hours; 7 credits

Elective in the Sophomore year.

**BIOLOGY 5-6.** General Botany. The structure (morphology) physiology, ecology, distribution, and life history of representative plants from the more important groups.

One lecture, two recitations, and three laboratory hours; 7 credits

Elective in the Sophomore or Junior year.

**BIOLOGY 7-8.** General Zoology. The structure, physiology, classification, and distribution of the lower (invertebrate) forms of animal life. General problems of zoology; habits, adaptation, heredity. The relationship of the various groups of vertebrates; the comparative anatomy of various systems of organs, and questions relating to their origin, development, and inheritance.

One lecture, one recitation, and four laboratory hours; 7 credits

Elective in the Junior year.

**BIOLOGY 9-10. General Bacteriology. The structure and functions of bacteria; the basic principles of bacteriological technique.**

**One lecture, one recitation, and four laboratory hours; 7 credits**

**Elective in Junior or Senior year.**

**BIOLOGY 11. Genetics. Present-day problems of biology, including the laws of heredity, variation, mutation, artificial selection, inheritance of acquired characters. Extensive reading—thesis.**

**Three seminar hours; 3 credits**

**Elective to students who have completed Biology 1-2.**

## HISTORY AND SOCIAL SCIENCES

## History

**HISTORY 1.** History of Civilization: Ancient and Medieval. This course aims to give an outline of cultural and material development of mankind from the dawn of history to the year 1500. Class discussions are based upon several volumes dealing with various aspects of man's development.

Three hours; 3 credits

Elective in the first semester of the Freshman year.

**HISTORY 2.** History of Civilization: Modern. This course is a continuation of History 1, and traces the evolution of the political, economic, social and intellectual life of the world from the sixteenth century to the present time.

Three hours; 3 credits

Elective in the second semester of the Freshman year, for students who have completed History 1.

**HISTORY 3.** Contemporary European History. This course will treat in some detail the major problems which have confronted the European states during the last half of the Nineteenth Century, such as Nationalism, Democracy, the New Industrial Revolution, and Imperialism.

Three hours; 3 credits

Elective in the Sophomore year.

**HISTORY 4.** Contemporary American History. This course will consider some of the insistent problems which have confronted the United States since the Civil War. Among these, questions of social adjustment, immigration, labor questions, recent industrial development, the evolution of the United States as a world power.

Three hours; 3 credits

Elective in the Sophomore year.

**HISTORY 5.** The World War. In this course a study is made of the economic rivalries, conflicting territorial ambitions, and military alliances as causes of the war. The military events of the war are briefly surveyed. The reactions of the war on this country will be noted.

Three hours; 3 credits

Elective in the Junior or Senior year.

**HISTORY 6.** Europe Since 1918. This course begins with a consideration of the territorial and economic provisions of the peace treaties drafted at the close of the World War. The post-war problems of reconstruction, the work of the League of Nations, and the political and economic conditions of the European nations since the war are studied.

Three hours; 3 credits

Elective in the Junior or Senior year.

**HISTORY 7. Medieval Culture.** A study of the background of, and the transition to, medieval civilization; the leaders and main currents of life and thought in the Middle Ages.

Three hours; 3 credits

Elective in the Junior or Senior year.

**HISTORY 8. The Renaissance.** A study of the social, political, and religious changes during the 14th, 15th, and 16th centuries.

Three hours; 3 credits

Elective in the Junior or Senior year.

**HISTORY 9. American Colonial and Revolutionary History.** The aim here is to trace the development of the American nation in its earlier periods rather than to deal with details of the history of the individual colonies. Emphasis is laid on the growth of our governmental forms and special characteristics indicating the influence of European institutions upon those of American.

Three hours; 3 credits

Elective in the Junior or Senior year.

#### Economics

**ECONOMICS 1. Economic Principles and Problems.** This course is designed to provide the student with a fundamental knowledge of the economic structure of modern society, both from the individual and social viewpoints. The underlying principles will be analyzed and illustrated by reference to current problems. Among others, the following institutions will be discussed: business organization, profit, production, exchange, banking, labor, rent, etc.

Three hours; 3 credits

Elective in the Junior or Senior year.

**ECONOMICS 2. History of Economic Institutions in the United States.** A study of the evolution of American economic life, with special emphasis on the development after 1860 and present-day problems. The evolution and changing trend presented in the various stages of agriculture, manufacturing, trusts, banking, foreign trade, labor movement, and other problems will be analyzed and discussed.

Three hours; 3 credits

Elective in the Junior or Senior year.

**ECONOMICS 3. History of Economic Thought.** A survey of the development of economic theory, from the Physiocratic school of ancient Greece, through the Classical, the Austrian, and the current schools.

Three hours; 3 credits

Elective in the Junior or Senior year.

**ECONOMICS 4. Contemporary Economic Thought.** A critical examination of current economic theories, and a consideration of the relation between economics and other fields of social thought. Attention will be paid to leading economic writers and their place in the development of economic theory.

Three hours; 3 credits

Elective in the Junior or Senior year.

### Government

**GOVERNMENT 1.** American Government. Political Science. A survey of the more important principles of political science, and the evolution of government, of theories of state, of law and juridic institutions. The course also deals with national, state, and municipal government, as they have developed in this country.

Three hours; 3 credits

Elective in the Junior or Senior year.

**GOVERNMENT 2.** Comparative Government. A comparative study is made of the more important governments of Europe, including Great Britain, France, Italy, Switzerland, and Germany, with brief consideration of the governments that have developed since the World War. The government of the United States is kept constantly in mind, as a basis of comparison and contrast.

Three hours; 3 credits

Elective in the Junior or Senior year.

**GOVERNMENT 3.** Constitutional Development of the United States. A thorough study of the Constitution of the United States, its inspiration, adoption, interpretation, and development. The Supreme Court and Constitution. The development, organization, and activity of political parties. State and Federal government. Wide readings, and reports.

Three hours; 3 credits

Elective in the Junior or Senior year.

### Sociology

**SOCIOLOGY 1.** Elements of Sociology. This course begins with a consideration of the social history of the individual, as the basis of an understanding of the nature and relations of social facts, institutions, forces, and processes. Current social movements and theories are surveyed in the light of the principles studied.

Three hours; 3 credits

Elective in the Junior or Senior year.

**SOCIOLOGY 2.** Applied Sociology—General problems. Social Ideas and Problems in Modern Life and Literature. This course aims to study present-day social movements as expressed in the most important works of European and American thinkers and writers, correlating the literature with the life of our day. Especial attention is given to a survey of the tendencies in modern civilization that make for social conflict or harmony, as well as the wide problems of unemployment, imperialism, war and peace, as they find expression in the most significant contemporary European and American literature.

Three hours; 3 credits

Elective in the Junior or Senior year.



**SOCIOLOGY 3. Applied Sociology—The Field of Social Work.** The problems and the chief agencies of social service. Field work, visits to organizations and institutions, etc.

Three hours; 3 credits

Elective in the Junior or Senior year.

**SOCIOLOGY 4. Applied Sociology—Methods of Social Research.** A study of the methods of obtaining and interpreting sociological data. Consideration of the techniques of case-studies, statistics, social surveys, questionnaires, etc. Actual problems will be studied by the individual students.

Three hours; 3 credits

Elective in the Junior or Senior year.

**SOCIOLOGY 5. Race Problems in the United States.** A study of the evolution of migration. Immigration problems. Racial prejudice and avenues of inter-racial harmony.

Two hours; 2 credits

Elective in the Junior or Senior year.

## PHILOSOPHY, PSYCHOLOGY, EDUCATION, AND ETHICS

**Philosophy**

**PHILOSOPHY 1-2.** History of Philosophy. A survey of the history of ancient, medieval and modern philosophy to Kant.

Three hours; 6 credits

Required in the Junior year.

**PHILOSOPHY 3-4.** Recent and Contemporary Philosophy. Post-Kantian thought in Germany; Scientific method, as in Mach, Poincaré, etc.; Pragmatism and Humanism, as in Bergson, James, Schiller, Dewey; Idealism as in Bradley, Royce, etc.

Three hours; 6 credits

Elective in Senior year.

**PHILOSOPHY 5.** Logic. The elements of the Aristotelian logic and the modern developments thereof.

Three hours; 3 credits

Elective in Junior or Senior year.

**Psychology**

**PSYCHOLOGY 1.** General Psychology. A study of the basic facts of psychology. Instinct and emotion, sensation and perception, habit and memory, imagination, reasoning, will, and personality are the main topics considered.

Three hours; 3 credits

Required in the Junior year.

**PSYCHOLOGY 2.** Educational Psychology. A survey of the facts and principles of psychology as applied to education. Native endowment and nurture; habit formation; economy and technique in learning; thought processes. Applications to problems of teaching and learning.

Three hours; 3 credits

Elective in the Senior year.

**PSYCHOLOGY 3.** Experimental Psychology. The methods and techniques of the psychological laboratory. Perception, learning, memory, association, emotion, and motor and intellectual processes are studied in the laboratory. The outstanding results of current research are also considered.

One lecture and four laboratory hours; 3 credits

Elective in the Senior year.

**PSYCHOLOGY 4.** Applied Psychology. Problems of a psychological nature arising in business, in law, medicine, and the other professions, and in the management of life.

Three hours; 3 credits

Elective in the Senior year.

**PSYCHOLOGY 5. Social Psychology.** A consideration of the factors upon which human adjustments depend. Especial attention is given to the formulation of a technique of training to be employed by teacher and parent.

Three hours; 3 credits

Elective in the Senior year.

**PSYCHOLOGY 6. Physiological Psychology.** A study of the bodily mechanism in its relation to the mental life. Problems: the nature of the "mind-body problem" and the scientific approach thereto; functions of the muscular, nervous and glandular systems; organic basis of thought, perception and emotion; nature of fatigue and its effect on physical and mental efficiency; mental abnormalities of physiological origin.

Three hours; 3 credits

Elective in the Senior year.

**PSYCHOLOGY 7. Psychological Tests and Measurements.** A consideration of the historical development of mental tests and the principles underlying their construction, standardization and interpretation. Illustrative tests from each of the following fields will be studied: (1) general intelligence tests; (2) personality test; (3) educational achievement test; (4) tests of religious information and ethical discrimination; (5) tests of special aptitudes.

Three hours; 3 credits

Elective in the Junior or Senior year.

**PSYCHOLOGY 8. Abnormal Psychology.** A review of main types of abnormal human behaviour and a study of mental mechanisms from the point of view especially of their social and cultural significance.

Three hours; 3 credits.

Elective in the Junior or Senior year.

### Education

**EDUCATION 1. History of Education.** A critical survey of the backgrounds and ideals of education, of educational theory and practice, among the principal nations.

Four hours; 4 credits

Elective in the Junior year.

**EDUCATION 2. Philosophy and Principles of Education.** A study of the broad foundations of educational doctrine, and of the principles contributed to education by biology, physiology, and sociology. The basic theory that should underlie techniques of teaching.

Three hours; 3 credits

Elective in the Junior or Senior year.

**EDUCATION 3. Methods of Teaching and Class Management.** Emphasis upon methods of teaching the major subjects of the elementary school curriculum.

Three hours; 3 credits

Elective in the Senior year.

EDUCATION 4. Secondary Teaching. The psychology of adolescence, and the principles and methods of teaching the subjects in the secondary school curriculum. Observation is required, and practice teaching.

Three hours; 3 credits

Elective in the Senior year.

EDUCATION 5. Educational Tests and Measurements. A study of the nature and application of intelligence scales and measurements used in determining the mentality or special aptitudes of school children. Emphasis is laid on practice, on the giving of tests, and the tabulation and interpretation of results.

Three hours; 3 credits

Elective in the Senior year.

\*Note: Courses in the special methods of teaching various subjects will be credited by arrangement with Schools of Education of other metropolitan colleges nearby.

### Ethics

ETHICS 1. General Introduction to Ethics. The Problem of Ethics. The principle of Polarity. Consciousness. The Problem of the Good. Efforts at Solution. Eudomonism (Hedonism), Value and Values, Progressive Ethics. Rigorism. Criticism. Formalism. Moralism. Scepticism. Subjectivism. Relativism. Superstitious Ethics. The Solution of the Problem. General Observations. Faith. The potentialities of Good. The Good and Morality. The Good and the World. The Good and Ourselves.

Three hours; 3 credits

Required in the Junior year.

ETHICS 2. Introduction to Jewish Ethics. Autonomy and Heteronomy. The distinctive characteristics of Jewish Ethics. Its Theory and Practice. The Duties of Man toward his Creator. Between Man and Man. The Bible. The Tannaim. The Amoraim. The Geonim. The Ethics of Bahya of Jehudah Halleivi, of Maimonides, Chassidism. Ethical Wills. Luzzatto. The Hofetz Chayim. Jewish Ethics in Operation. Ethical Training. Law and Justice. The Strong and the Weak. Man and Woman. Jew and non-Jew. The Care of Animals. Civitas Dei. The Messianic Era.

Three hours; 3 credits

Elective in the Junior or Senior year.

### FINE ARTS

FINE ARTS 1. Appreciation of Art. A survey of important developments and examples in architecture, sculpture, painting, and other arts, with the aim of developing an understanding sense of values, a recognition of the standards of various times, and a discriminating attitude in the experience of the student.

Two hours; 1 credit

Elective in the Junior or Senior year.

**FINE ARTS 2. History of Art.** A survey of aesthetic theories, and the history of architecture, sculpture, and painting. Slides, and visits to the City's various Museums of Art.

Two hours; 1 credit

Elective in the Junior or Senior year.

**FINE ARTS 3. History and Appreciation of Music.** The development of music as an art, and of musical forms. The great composers. No practical knowledge of music is required.

Two hours; 1 credit

Elective in the Junior or Senior year.

#### PHYSICAL EDUCATION

**PHYSICAL EDUCATION 1. Personal Hygiene.** Lectures on organic care of the individual. Formal exercises, apparatus work. Individual games and organized free play.

Two hours; 1 credit

Required in the first half of the Freshman year.

**PHYSICAL EDUCATION 2. Community Hygiene.** Group and inter-group health precautions and activities. Group games. Sport instruction, stressing individual skill organized into team play.

Two hours; 1 credit

Required in the second half of the Freshman year.

**PHYSICAL EDUCATION 3. Advanced Physical Education.** Personal hygiene and first aid. Athletic achievement tests. Intra-mural games.

Two hours; 1 credit

Required in the second half of the Freshman year.

**PHYSICAL EDUCATION 4. Advanced Health Education.** Community hygiene and sanitation. Community center activities. Development of leadership. Principles of health and physical education. Optional activities and sports.

Two hours; 1 credit

Required in the second half of the Sophomore year.

#### PUBLIC LECTURES

During the year, a number of lectures on subjects of Jewish and general interest, open to students of the Yeshiva and to the public, will be given by members of the Faculty, or by visiting scholars. Announcements of topics and dates will be made in advance, as the lectures are scheduled. Extension courses in the various phases of Jewish learning are being organized. Through cooperation with other Jewish schools of learning, the Yeshiva and Yeshiva College hopes to contribute its share to the movement of adult education.

## SCRIPTA MATHEMATICA

*edited by Professor Fekuthiel Ginsburg of Yeshiva College,  
with the cooperation of*

PROFESSOR RAYMOND CLARE ARCHIBALD.....	<i>Brown University</i>
PROFESSOR LOUIS CHARLES KARPINSKI.....	<i>University of Michigan</i>
PROFESSOR CASSIUS JACKSON KEYSER.....	<i>Columbia University</i>
PROFESSOR GINO LORIA .....	<i>University of Genoa</i>
PROFESSOR LAO GENEVRA SIMONS.....	<i>Hunter College</i>
PROFESSOR DAVID EUGENE SMITH.....	<i>Columbia University</i>

Each number contains about 96 pages.

The SCRIPTA MATHEMATICA is devoted to the philosophy, history, and expository treatment of Mathematics.

The material is presented with a minimum of technical expression, thus rendering it accessible to all intelligent readers, even those who have not had extensive mathematical training.

The numerous points of contact between mathematics and other fields of knowledge will receive special attention. The history of mathematics and its bearing on the history of human civilization will be brought out in a series of articles which the editors are planning to publish. In general these articles will consist of hitherto unpublished manuscripts or of commentaries upon them. A considerable amount of such source material is available in a number of university and private libraries in this country.

## JEWISH AND SEMITIC STUDIES

## Bible

**BIBLE 1-2.** Pentateuch. Reading of Rashi and other commentaries on the Biblical portion of the week. A general study of Targum Onkelos, *Negina* and *Teamim*.

Two hours

Required in the Freshman year.

**BIBLE 3-4.** Pentateuch. Study of the portion of the week, with Rashi, RSBM, Nahmanides, and other representative medieval and modern Jewish commentaries. Selected reading from the halakic and agadic Midrashim.

Two hours

Required in the Sophomore year.

**BIBLE 5-6.** Isaiah and the Minor Prophets. An intensive study of Isaiah and the Minor Prophets, with medieval and modern commentaries. The historical background is surveyed, and the lives and messages of the prophets considered.

Two hours

Required in the Junior year.

**BIBLE 7-8. Biblical Exegesis.** The Greek and the Aramaic Biblical Versions. The various medieval and modern schools of Biblical Exegesis are considered with extensive reading of representative texts.

Two hours

Required in the Senior year.

**Hebrew and Cognate Languages**

**HEBREW 1-2.** Intermediate Hebrew. Conversation; composition; grammar; review of the noun, the various classes of verbs. Readings in the Bible.

Two hours

Required in the Freshman year.

**HEBREW 3-4.** Advanced Hebrew. Review of Hebrew grammar, etymology, and syntax. Hebrew composition and rhetoric. Exercises in spoken Hebrew.

Two hours

Required in the Sophomore year.

**HEBREW 5-6.** History of Hebrew Grammar. The history of the grammar and syntax of Hebrew; varieties of construction and idioms. Extensive reading in medieval and modern Hebrew, grammatical literature, with essays and reports.

One hour

Required in the Junior year.

\*For the present, Yeshiva College is open only to students of the Yeshiva, whose Hebrew work is being done in the Yeshiva, where they cover the ground indicated in the catalogue of the Yeshiva. It is intended that the Yeshiva College will in time be open to those who are equipped and who desire to undertake the work that will be offered in the Department of Jewish and Semitic Studies of the Yeshiva College, as here indicated.

**ARAMAIC 11-12.** The Aramaic portions of Daniel and Ezra; the Assuan and Elephantine papyri; other papyri and inscriptions; the Aramaic versions of the Bible. During the second semester, the grammar of the Babylonian and the Palestinian Talmuds is studied.

One hour

Required in the Senior year.

**ARABIC 31-32.** A study of the elements of Arabic grammar, and graded exercises in Arabic composition.

Three hours

Elective in the Junior or Senior year.

**JUDEO-ARABIC 33-34.** Selections from the writings of R. Saadia and R. Bahya; Maimonides' Mishna Commentary.

Three hours

Elective in the Senior year to students who have completed

Arabic 31-32.

**ELEMENTARY SYRIAC 21-22.** Elements of Syriac, with selections from the Peshitto Version.

Three hours

Elective in the Junior or Senior year.

### Jewish Literature

LITERATURE 1-2. Jewish literature during the Second Commonwealth. The Apocrypha and Pseudepigrapha; date, authorship, and historical background. Hellenistic Jewish literature; Philo and Josephus.

Two hours

Required in the Junior year.

LITERATURE 3-4. Modern Hebrew Literature. Hebrew literature from the middle of the eighteenth century to the present. Development, literary forms, currents of literature and thought, in their relation to the life of the times, with extensive reading in modern Hebrew literature.

Two hours

Elective in the Junior or Senior year.

LITERATURE 5-6. Hebrew Poetry. The theory and history of Hebrew post-Biblical poetry, with readings in medieval and modern sacred and secular poetry.

Elective in the Junior or Senior year.

One hour

### Jewish History

JEWISH HISTORY 1-2. The geography of Palestine in its relation to Egypt and Mesopotamia. Conquest and settlement of Palestine; the unification of the Nation, and the division of the Kingdom. Political and economic life of Israel and Judah to the Babylonian Exile. A detailed study of the Former Prophets.

Two hours

Required in the Freshman year.

JEWISH HISTORY 3-4. The Exile, the rise of the Persian Empire; the Return and the rebuilding of Palestine; the Soferim, Ezra and Nehemiah; the Samaritans; the Great Synagogue. The Diaspora, the Jews in Egypt since Persian times; the Oniah Temple; the Septuagint. A careful study of the books of Ezra, Nehemiah, and the Chronicles.

Two hours

Required in the Sophomore year.

JEWISH HISTORY 5-6. The Hasmonean revolt and victories; the expansion of Judea, the Sanhedrin; Pharisees; Sadducees; the Hasidim and the Essenes; political, economic, and social conditions during the Hasmonean period. Roman oppression; Hillel; the Great War; the Destruction of the Second Commonwealth; R. Johanan B. Zakkai; the Emperors Trajan and Hadrian. R. Akiba; the defeat of Bar Kochba and its consequences; Galilee; the Mishna and cognate works; the Midrash, halakic and agadic.

Two hours

Required in the Junior year.



**JEWISH HISTORY 7-8.** From the Destruction of the Second Commonwealth to the Discovery of America. Beginning with the Tannaitic period, this course deals with the cultural, political, and economic history of the Jews up to 1492. The events of Jewish history, and the relations of the Jewish life with that of the nations of the world, are correlated with general conditions and movements of this period. A comprehensive study is made of the historic forces that have helped mould Jewish history, and of the characteristic phases of Jewish life and ideals during these fourteen centuries. Study of important medieval Jewish communities and historic personalities and of historical writings.

Two hours

Required in the Senior year.

**JEWISH HISTORY 9-10.** Modern Jewish History. A general survey of modern Jewish history, and the results of Emancipation. Jewish political, cultural and economic life, in the historical setting of these centuries. Haskalah, Nationalism; causes and history of migration. Survey of the history and activity of American Jewry; institutions, movements, cultural and religious growth; currents and problems. Lectures and extensive reading.

One hour

Required in the Senior year.

**JEWISH HISTORY 11-12.** Eretz Israel. The geography and history of Eretz Israel; geological formations; flora and fauna; Eretz Israel after the Destruction of the Second Commonwealth and under the Arabs; the Crusades; pilgrimages and settlements; contemporary Eretz Israel; population; colonization; political and economic conditions under the British mandate.

One hour

Elective in the Senior year.

### Jewish Philosophy

**JEWISH ETHICS 1-2.** Exposition and discussion of Jewish ethical ideals; relation of man to God, of man to man; the distinct and distinctive ideals of Judaism. Reading of Pirke Abot, selections from Agadic literature and Luzzatto's *Mesilat Yeshorim*.

Two hours

Required in the Freshman year.

**JEWISH ETHICS 3-4.** A general survey of Jewish ethics, according to sources, with a critical study of Jewish ethical texts, particularly Bahya's *Duties of the Heart*, Haley's *Kuzari*, and Ethic Wills. Extensive reading.

Two hours

Required in the Sophomore year.

**JEWISH ETHICS 5-6.** The Jewish Ideals of Life and Conduct. Representative readings from the Tannaitic and Amoraic Agada and medieval and modern ethical literature. Extensive supplementary reading.

Two hours

Required in the Junior year.

**JEWISH PHILOSOPHY 11-12.** Introduction to Jewish Philosophy. Content and general problems of Jewish philosophy. A general study of the main currents of medieval Jewish philosophy, with extensive reading of representative philosophical texts.

Two hours

Required in the Junior year.

**JEWISH PHILOSOPHY 13-14.** History of Jewish Thought. Consideration of Greek, Islamic, and Scholastic philosophy, in their relation to Jewish thought. Extensive outside reading; essays and seminar reports.

Two hours

Required in the Senior year.

**JEWISH EDUCATION 21-22.** History of Jewish Education. Aims, and problems; educational theories and practices in Rabbinic literature; the Yeshivot in Babylonia and in Europe; the elementary Yeshivot and the Jewish Day School in America. Content and ideals of Jewish education. Curricula, organization, and extra-curricular work. The problems of Jewish adult education.

In connection with this course, attention is called to the general courses in educational history and methods, 21-22.

One hour

Required in the Senior year.

**JEWISH LITURGY 31-32.** Intensive study of the Jewish Liturgy; sources and history of the book of daily prayer, and the theology underlying it; practices and institutions of Jewish life, fasts and festivals, and synagogue ritual. An intensive study of the Psalms used in the synagogue ritual; their poetical structure, their spiritual and moral significance and message; the history and literature of the Piyut.

Two hours

Required in the Sophomore year.

**JEWISH SOCIOLOGY 41-42.** Jewish Social Studies. A general survey of Jewish social ideals and social legislation in the Bible and Rabbinic literature. Jewish social institutions in their historic development; problems and methods of social service; social agencies and forces in modern Jewish life; methods of social care, and community needs. Jewish education as a communal problem. Observation of current problems, with practical and field work.

In connection with this course, attention is directed to the courses in sociology in the Department of History and Social Sciences.

Two hours

Elective in the Junior or Senior year.

**TALMUD 1-2.** Introduction to the Talmud. The Oral Law, its antiquity and development. The Midrash, the Mishna and kindred Tannaitic works. The Palestinian and the Babylonian Talmud, and their relationship.

One hour

Required in the Freshman year.

**TALMUD 3-4.** Halakic and Agadic hermeneutics; terminology and methodology. Extensive reading.

One hour

Required in the Sophomore year.

Note: The courses in the study of the Talmud proper are adapted to the previous training of the individual student.

