

YESHIVA UNIVERSITY

YESHIVA COLLEGE

1950-1951

CATALOG



AMSTERDAM AVENUE AT 186 STREET  
NEW YORK 33, N. Y.

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# ACADEMIC CALENDAR

1950-1951

## Fall Semester 1950

September	5	Tuesday	First day of registration
	8	Friday	Last day of registration
October	5	Thursday	First day of instruction
	8	Sunday	Last day of late registration
November	23-24	Thursday-Friday	Thanksgiving
December	10	Sunday	Hanukkah
	19	Tuesday	Fast of Tebeth
January	1	Monday	New Year's Day
	23	Tuesday	Last day of instruction
	26-31	Friday-Wednesday	Final Examinations

## Spring Semester 1951

January	16	Tuesday	First day of registration
	18	Thursday	Last day of registration
February	4	Sunday	First day of instruction
	6	Tuesday	Last day of late registration
March	21-22	Wednesday-Thursday	Fast of Esther and Purim
April	19-28	Thursday-Saturday	Passover
May	24	Thursday	Lag BaOmer
	30	Wednesday	Memorial Day
June	1	Friday	Last day of instruction
	5-8	Tuesday-Friday	Final Examinations
	19	Tuesday	Commencement

## Fall Semester 1951

September	4-7	Tuesday-Friday	Registration
	16	Sunday	First day of instruction
	18	Tuesday	Last day of late registration

## BOARD OF TRUSTEES

SAMUEL LEVY .....	<i>Chairman</i>
ABRAHAM MAZER .....	<i>Honorary Vice-Chairman</i>
MAX J. ETRA .....	<i>Vice-Chairman</i>
MAX STERN .....	<i>Vice-Chairman</i>
MORRIS MILLER .....	<i>Secretary</i>
HERMAN GELLER .....	<i>Treasurer</i>
LOUIS LEVINE .....	<i>Associate Treasurer</i>

SIMON ACKERMAN

HARRY E. KALODNER

SAMUEL BELKIN

JOSEPH MAZER

BERNARD BERNSTEIN

SAMUEL MELLITZ

SAMUEL FASSLER

SAM MINSKOFF

WILLIAM FEINBERG

SAMUEL ROSEN

BENJAMIN GOTTESMAN

PHILIP SHLANSKY

SAMUEL HAUSMAN

CHARLES A. SILVER

CHARLES H. SILVER

MORDECAI SOLTES, PH.D. ....	<i>Executive Director</i>
MONTE KANDEL, B.S., Ch.E. ....	<i>Director of Finance</i>
JACOB SALZMAN .....	<i>Administrative Director</i>

## ADMINISTRATION AND TEACHING STAFF

- SAMUEL BELKIN *President of Yeshiva University  
and Professor of Hellenistic Literature*  
Ph.D., Brown University, 1935.
- MOSES LEGIS ISAACS *Dean and Professor of Chemistry*  
B.A., University of Cincinnati, 1920; M.A., 1921; Ph.D., 1923.
- SAMUEL LEIB SAR *Dean of Men and Professor of Bible*
- MORRIS SILVERMAN *Registrar and Instructor in History*  
B.A., Yeshiva College, 1945; M.A., Brooklyn College, 1949.
- JOSHUA MATZ *Bursar*  
B.A., Yeshiva College, 1932; M.A., Columbia University, 1939.
- AARON MORRIS MARGALITH *Acting Chief University Librarian  
and Associate Professor of Political Science*  
B.A., Johns Hopkins University, 1927; Ph.D., 1930; B.S. in Library Service,  
Columbia University, 1944.
- ALEXANDER FREED *Medical Director of Yeshiva University  
and Associate Professor of Hygiene*  
B.A., Brown University, 1921; M.A., Little Rock College, 1924; M.D.,  
St. Louis University, 1927.
- ISRAEL YOUNG *Guidance Director of Yeshiva University  
and Assistant Professor of Guidance*  
B.S., The College of the City of New York, 1927; B.B.A., 1932; M.S., 1932.
- SOLOMON ZEIDES *Assistant Librarian*  
B.A., Yeshiva College, 1945; M.A., Columbia University, 1948.
- JOSEPH ELLENBERG *Assistant Bursar*  
B.A., Yeshiva College, 1944.
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- \*THEODORE ABEL *Professor of Sociology*  
M.A., Columbia University, 1923; Ph.D., 1929.
- HELMUT E. ADLER *Instructor in Psychology*  
B.A., Columbia University, 1948; M.A., 1949.
- KARL ADLER *Professor of Music*  
Mus.D., New York College of Music, 1944.
- MILTON ARFA *Instructor in Hebrew*  
B.B.A., The College of the City of New York, 1942; M.S., 1943.
- MEYER ATLAS *Associate Professor of Biology*  
B.S., The College of the City of New York, 1928; M.A., Columbia University,  
1930; Ph.D., 1935.
- MICHAEL BERNSTEIN *Instructor in Jewish History*  
B.A., Yeshiva College, 1936; D.H.L., Yeshiva University, 1949.
- DANIEL BLOCK *Instructor in Mathematics*  
B.A., Yeshiva College, 1946; M.A., Columbia University, 1949.
- SIDNEY DAVID BRAUN *Associate Professor of French*  
Diplome, Sorbonne, 1932; B.A., New York University, 1934; M.A., 1935;  
Ph.D., 1945.
- ALEXANDER BRODY *Professor of History*  
B.S., New York University, 1926; M.A., 1928; LL.M., 1929; Ph.D., 1932.  
\* On leave of absence.

- MAURICE E. CHERNOWITZ *Associate Professor of French*  
B.A., The College of the City of New York, 1932; M.A., Columbia University, 1933; Ph.D., 1943.
- GERSHON CHURGIN *Associate Professor of Hebrew*  
B.A., Columbia University, 1928; M.A., 1929; Ph.D., Johns Hopkins University, 1939.
- PINKHOS CHURGIN *Dean of the Teachers Institute and  
Professor of Jewish History and Hebrew Literature*  
Ph.D., Yale University, 1922.
- KENNETH F. DAMON *Associate Professor of Speech*  
B.A., University of Wisconsin, 1921; M.A., Teachers College, Columbia University, 1927; Ph.D., 1933.
- WILLIAM DRAZIN *Lecturer in Philosophy*  
B.A., The College of the City of New York, 1928; M.A., Harvard University, 1931.
- DAVID FLEISHER *Associate Professor of English*  
B.S., New York University, 1930; M.A., Harvard University, 1931; Ph.D., 1941.
- BERNARD FLOCH *Professor of Greek and Latin*  
Ph.D., University of Vienna, 1910.
- JEKUTHIEL GINSBURG *Professor of Mathematics*  
M.A., Columbia University, 1916; Sc.D., (Hon.) 1942.
- NAHUM N. GLATZER *Professor of Jewish History*  
Ph.D., University of Frankfurt-am-Main, 1931.
- NATHAN GOLDBERG *Lecturer in Sociology*  
B.A., University of Pittsburgh, 1928; M.A., 1930.
- HYMAN BOGOMOLNY GRINSTEIN *Associate Professor of  
Jewish History*  
B.S., Columbia University, 1927; M.A., 1935; Ph.D., 1944.
- \*LEON O. GROSS *Instructor in Physics*  
Diplomas in Electrical Engineering, University of Grenoble, 1929, University of Lausanne, 1942.
- MANFRED HALBERSTADT *Lecturer in Greek and Latin*  
Ph.D., University of Frankfurt-am-Main, 1933.
- SIDNEY BENJAMIN HOENIG *Associate Professor of Jewish History*  
B.S., The College of the City of New York, 1927; Ph.D., Dropsie College, 1934.
- ABRAHAM BENJAMIN HURWITZ *Associate Professor of  
Physical Education and Director of Student Activities*  
B.S., The College of the City of New York, 1927; M.A., Teachers College, Columbia University, 1928.
- LEO JUNG *Professor of Ethics*  
B.A., University of London, 1919; Ph.D., 1922; M.A., Cambridge University, 1926; D.D., Yeshiva University, 1949.

\* On leave of absence.

- THEODORE KALLNER *Instructor in Chemistry*  
B.A., Yeshiva College, 1948; M.A., Columbia University, 1950.
- BRUNO ZACHARIA KISCH *Professor of Chemistry*  
M.D., University of Prague, 1913.
- PHILIP ELLIS KRAUS *Associate Professor of Education*  
B.A., The College of the City of New York, 1928; M.A., Columbia University, 1931; Ph.D., New York University, 1943.
- ELI MORRIS LEVINE *Associate Professor of Chemistry*  
B.A., Yeshiva College, 1932; M.A., Columbia University, 1935; Ph.D., Brooklyn Polytechnic Institute, 1943.
- IRVING LINN *Associate Professor of English*  
B.B.A., The College of the City of New York, 1933; M.A., New York University, 1934; Ph.D., 1941.
- ALEXANDER LITMAN *Professor of Philosophy*  
B.A., University of Minnesota, 1924; Ph.D., Columbia University, 1929.
- JOSEPH HYMAN LOOKSTEIN *Professor of Sociology*  
B.A., The College of the City of New York, 1926; M.A., Columbia University, 1928; D.D., Yeshiva University, 1949.
- ARNOLD NOAH LOWAN *Professor of Physics*  
Ch.E., Polytechnic Institute of Bucharest, 1924; M.S., New York University, 1929; Ph.D., Columbia University, 1933.
- SIEGFRIED S. MEYERS *Lecturer in Physics*  
B.S., New York University, 1930; M.A., 1940; Ph.D., 1945.
- DAVID MIRSKY *Instructor in Hebrew*  
B.A., Yeshiva College, 1942; M.A., Columbia University, 1948.
- WALTER EDWARD NALLIN *Instructor in Music*  
B.S., Columbia University, 1939; M.A., 1942; Ed.D., New York University, 1947.



- PEREZ POSEN *Instructor in Physics*  
 B.A.Sc., University of Toronto, 1946.
- EMANUEL RACKMAN *Lecturer in Political Science*  
 B.A., Columbia College, 1931; LL.B., Columbia University Law School, 1933.
- HERMAN S. REDISCH *Instructor in Speech*  
 B.S.S., The College of the City of New York, 1934; LL.B., St. Lawrence University-Brooklyn Law School, 1937; M.A., Columbia University, 1947.
- RALPH PHILIP ROSENBERG *Associate Professor of German*  
 B.S., The College of the City of New York, 1927; M.A., University of Wisconsin, 1928; Ph.D., 1933.
- EARL HALLER RYAN *Assistant Professor of Speech*  
 B.A., University of Pittsburgh, 1927; M.A., Columbia University, 1928.
- SHELLEY RAY SAPHIRE *Professor of Biology*  
 B.A., The College of the City of New York, 1912; M.A., Columbia University, 1913; Ph.D., 1920.
- LOUIS FURMAN SAS *Assistant Professor of Spanish*  
 B.A., The College of the City of New York, 1928; M.A., Columbia University, 1930; Ph.D., 1937.
- NATHAN SAVITSKY *Assistant Professor of Philosophy*  
 B.S., The College of the City of New York, 1922; M.A., Columbia University, 1923; M.D., New York University, 1927.
- ABRAHAM TAUBER *Assistant Professor of Speech*  
 B.S.S., The College of the City of New York, 1931; M.A., Columbia University, 1932.
- MEYER TERKEL *Lecturer in Education*  
 B.A., The College of the City of New York, 1927; M.S., 1928.
- DAN VOGEL *Instructor in English*  
 B.A., Brooklyn College, 1948; M.A., Rutgers University, 1949.

## GENERAL FACULTY COMMITTEE

1950-1951

The General Faculty Committee consists of two members from each division, with the Dean as Chairman and the Registrar as Secretary.

DIVISION OF JEWISH STUDIES: PROFESSORS HOENIG AND G. CHURGIN.

DIVISION OF LANGUAGES AND LITERATURE: PROFESSORS FLOCH AND BRAUN.

DIVISION OF NATURAL SCIENCES: PROFESSORS GINSBURG AND LEVINE.

DIVISION OF SOCIAL SCIENCES: PROFESSORS MARGALITH AND BRODY.

## GENERAL STATEMENT



Yeshiva University developed from two Yeshivas (schools devoted to the study of the Torah and the Talmud). The older of these, founded in 1886, was the first Yeshiva established in America. The other, founded in 1896, was named in memory of Rabbi Isaac Elchanan Spektor (1817-1896), who was recognized as the greatest Talmudic scholar of his generation.

The basic philosophy of the institution was the education of its students in the broadest and richest sense of the word and preparation for life in a community in which leadership would be based upon the fullest knowledge of Jewish and secular culture. In keeping with this aim, other institutions were gradually added to the Yeshiva. The Talmudical Academy, which offers an academic high school course and serves as a preparatory department of the college, was added in 1913. It now has two branches in Brooklyn (one for boys and one for girls), and a branch in Far Rockaway, New York, in addition to the main school in Washington Heights. The Teachers Institute was added in 1921 and Yeshiva College in 1928, at which time the institution became known as The Rabbi Isaac Elchanan Theological Seminary and Yeshiva College.

As a further development and fulfillment of the original aims of the founders, the combined institutions became, by an amendment to the Charter in 1945, Yeshiva University. At the present time the University is authorized to grant the following degrees: Bachelor of Arts, Bachelor and Master of Science, Bachelor, Master and Doctor of Hebrew Literature, Bachelor and Master of Religious Education, and Doctor of Philosophy. It also grants a Hebrew teacher's diploma and a high school diploma. The following are the main divisions of the University:

1. The Rabbi Isaac Elchanan Theological Seminary (commonly called The Yeshiva), offering a course of study leading to rabbinical ordination.
2. Yeshiva College, which is the college of arts and science of the university.
3. The Teachers Institute, providing a training course for Hebrew school teachers. This department also serves as a preparatory course for candidates for the Theological Seminary.

4. The Graduate Division:
  - (a) Bernard Revel Graduate School.
  - (b) Harry Fischel School for Higher Jewish Studies.
  - (c) School of Education and Community Administration.
  
5. The Institute of Mathematics, offering to the public lectures and non-credit courses in Recreational Mathematics and the History of Mathematics.
  
6. The Institute for Advanced Rabbinic Research.

Yeshiva College is primarily interested in providing an education in the liberal arts and sciences to young men who are at the same time pursuing studies in Jewish religion (although students not registered in either the Theological Seminary or the Teachers Institute are accepted). Such a combination of opportunities gives the student a background of knowledge which enables him to develop to the fullest extent his interest in culture and science and, at the same time, provides him with the learning which is an essential part of the Jewish religion.

Yeshiva College is a small college and has, therefore, an informal atmosphere designed to bring students and faculty into a close harmonious relationship.

Yeshiva College is accredited by the Middle States Association of Colleges and Secondary Schools and its curriculum is registered by the New York State Education Department.

## LOCATION AND BUILDINGS

Yeshiva University is located on Washington Heights, the highest ground of Manhattan Island in the city of New York. The main building is of Moorish architecture, four stories in height, occupying the block front between 186 and 187 Streets on Amsterdam Avenue. It contains a large auditorium, a synagogue, a gymnasium, class rooms, laboratories, and offices.

To the south of the main building, occupying the block front between 185 and 186 Street on Amsterdam Avenue, are Graduate Hall and Science Hall, which house laboratories, classrooms, and offices. The Pollack Library stands between those buildings.

On 187 Street, adjacent to the main building, is the main dormitory, accommodating 225 students. In this building are social rooms and a large dining hall. Another dormitory, accommodating 100 additional students, is located at Amsterdam Avenue and 185 Street.

## LIBRARIES

There are two chief libraries in the University, both of which are open to students of the college. The Pollack Library contains the general collection. Its main reading room provides space for 85 students. Here students will find not only the books and periodicals necessary for their courses, but also an ample selection for further study and recreational reading. The staff will gladly aid students in their reading problems.

Students may also make full use of the Mendel Gottesman Library of the Rabbi Isaac Elchanan Theological Seminary, which contains the extensive collections of Hebraica and Judaica. This library is located in the main building.

## ADMISSION

All correspondence on matters of admission to Yeshiva College should be addressed to the Office of the Registrar of Yeshiva College. Applications for admission should be received by the office before June 30 for admission in the Fall, or November 30 for admission in the Spring.

All applicants for admission will be asked to report for an interview, either at the college itself, or to its representative in their own vicinity.

## REQUIREMENTS FOR ADMISSION

Sixteen units of academic 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, or equivalent school work in a subject not requiring preparation.

Of these sixteen units, ten and a half are required as follows:

ENGLISH - (four years required) ..... 4 units

HISTORY - (American, European, English, or Ancient)	1	unit
FOREIGN LANGUAGE - (two years of one language) ....	2	units
MATHEMATICS - (Elementary and Intermediate Algebra, and Plane Geometry) .....	2½	units
SCIENCE - (Elementary Biology, Elementary Chemistry, Elementary Physics, or General Science) .....	1	unit

The remainder of the sixteen units required for admission may be chosen from the following list of elective subjects:

FOREIGN LANGUAGE* (in addition to the require- ment above) .....	1 to 3	units
HISTORY AND SOCIAL STUDIES - (according to the number of hours) .....	½ to 3	units
MATHEMATICS - Advanced Algebra, Solid Geometry, Trigonometry .....	½	unit each
SCIENCE - General Science, Elementary Biology, Ad- vanced Biology, Advanced Botany, Advanced Zool- ogy, Elementary Chemistry, Elementary Physics, Physiography .....	1	unit each

Minor subjects such as Commercial Law, Drawing, Journalism, Music and Public Speaking may, at the discretion of the Committee on Admissions, be presented for ½ unit each, but in no case may minors be combined to form ½ unit.

High school graduates presenting 16 units of work but lacking certain of the course requirements listed above may be admitted on a conditional basis and be given the opportunity to complete the required subjects during the freshman year.

Applicants who satisfy the admission requirements, but who do not desire to pursue a regular program leading to a degree, and students in good standing in other colleges and universities who desire to take courses in Yeshiva College simultaneously, may (in the latter case only with written permission from their home schools) register as non-matriculated students, and elect courses to meet their particular needs. Non-matriculated students are, of course, expected to meet the same standards as matriculated students and otherwise to comply with all college regulations and requirements.

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\* A single unit is allowed in foreign languages only for the fourth year work in the language presented for admission. Otherwise, at least two years of language study or its equivalent must be completed for admission credit to be allowed.

## TUITION AND FEES

The tuition charge at Yeshiva College is \$15 per credit. This is exclusive of the following fees:

Registration Fee .....	\$10 per semester*
Laboratory Fees	
Elementary Laboratory Courses .....	10 per course per semester
Advanced Laboratory Courses .....	15 per course per semester
Breakage Deposit .....	5 per course per semester
Change of Program Fee .....	1 per course
Late Registration Fee .....	1 per course
Scholarship Application Fee .....	10
Graduation Fee .....	15
Transcript Fee .....	1

A number of full and partial scholarships to cover tuition fees are available to needy students of high scholastic rank who simultaneously attend the Rabbi Isaac Elchanan Theological Seminary or the Teachers Institute. New students interested in obtaining a scholarship should apply for one at the time they apply for admission to the College. Students in attendance at the College, who are applying for a scholarship or the renewal of a scholarship, must file their applications not later than May 15. Applications must be renewed yearly, since financial assistance is generally granted on an annual basis. However, the University reserves the right to revoke all or part of any financial assistance at any time.

No refund of tuition may be expected if withdrawal takes place after the first month of the school year. Prior to this time, 80% of the tuition will be refunded.

## REGULATIONS ATTENDANCE

Attendance at every class session is expected of all students. However, a student may be absent without incurring a penalty if such absences do not exceed in number per semester the credit value of the course. Lateness counts as half an absence. A statement should be filed with the College Office, immediately upon the return of the student, for each absence due to illness. Students exceeding the maximum number of absences may be penalized by loss of credit or lowering of grade.

## RATING

The work of each student is rated on the following basis:

A=90-100, Excellent	P=Passed
B=80-89, Good	Abs.=Absent from final examination
C=70-79, Fair	Inc.=Incomplete work
D=60-69, Lowest passing grade	F Inc.=Failed due to incomplete work
E=Conditionally passing	FW=Failed due to withdrawal
F=Failed	W=Withdrawn without penalty

A grade of "E" signifies a borderline case and entitles the student to a re-examination. Except under unusual circumstances, the highest grade which can be earned upon re-examination is "D". A grade of "Inc." means that the assigned work of the course has not been com-

\* Of this amount \$3.85 is made available to the Student Council for its expenditures.

pleted. Unless "E", "Abs.", and "Inc." are removed by the end of the first month of the semester following the one in which they were incurred, they will automatically be changed to "F."

Withdrawal from courses requires the permission of the Dean. Unless this permission is obtained, the student will receive an "F" in those courses from which he has withdrawn. Except under unusual circumstances, withdrawal from class will not be allowed after the first month of sessions.

#### ACADEMIC AVERAGE

Each grade has a numerical value, as follows: A, 4; B, 3; C, 2; D, 1; F, 0. When multiplied by the credit value of the course a figure is derived which is known as the number of quality points.

The student's average rating is computed by dividing the number of quality points earned by the total number of credits completed, including courses failed. The average is rounded to the first decimal place.

#### HONORS AT GRADUATION

At graduation, degrees are conferred with honors as follows:

*cum laude*—an average of 3.4 and the approbation of the Faculty.

*magna cum laude*—an average of 3.6 and the approbation of the Faculty.

*summa cum laude*—an average of 3.8 and the unanimous approbation of the Faculty.

#### STANDING

Every student must consistently so conduct himself as to give evidence of high-mindedness and seriousness of purpose. The College reserves the right to request at any time during the course, the withdrawal of any student who indicates a lapse in this regard, or who fails to maintain the required standard of scholarship (an average of at least 2.0), or who for any reason is considered by the College as not in sympathy with its standards and ideals. A student of the last category may be asked to withdraw even though no specific charges be made against him.

#### HONORS WORK

Upon recommendation of a faculty sponsor, the General Faculty Committee may permit a student of unusual ability to carry out research of an advanced nature under the guidance of the sponsor. The student must submit his request for honors work, together with an outline of the project and the recommendation of the instructor, to the Committee at least two months before he plans to start work. Credit will be allowed, as determined by the Committee, upon the successful completion of the studies undertaken, and the passing of such examinations as the Committee may set.



## STUDENT WELFARE

### HEALTH

The Medical Director provides each student with a physical examination and such follow-up care and advice as is needed in the correction of remediable defects. Health advice and consultation are available to all students at all times.

### GUIDANCE

The Guidance Department, under the direction of Professor Israel Young, functions to help students solve their academic and personal problems. Personal contact is established with each student through interviews and group discussions.

### FRESHMAN ORIENTATION

In order to introduce incoming students to their Yeshiva College work under the most favorable conditions, Freshmen are required to attend a student orientation course, arranged by the Guidance Department, once a week during their first semester. The course consists of tours, demonstrations, lectures, and conference groups, at which typical Freshman problems are considered. This program of work is supplemented with individual interviews to establish more precise assistance. Using the Freshman orientation course as an excellent foundation, guidance and service are continued during the student's entire college career.

### EXTRA-CURRICULAR ACTIVITIES

Although the curriculum is a crowded one, there are many extra-curricular activities open to the students of the College. There are a variety of societies and clubs for the pursuit of outside interests, chess and debating teams, and several student publications.

Intramural sports are encouraged. The gymnasium is open in the evening for supervised recreation.

## SCHOLARSHIPS AND PRIZES

### SCHOLARSHIPS

In addition to a number of full and partial scholarships granted annually by the College, the scholarships described below, which have been established by individuals and by national and local organizations, are available to students. The date of establishment is given in parentheses.

- MR. AND MRS. JOSEPH AARON SCHOLARSHIP (1949)  
MR. AND MRS. SIMON ACKERMAN SCHOLARSHIPS (1946)—Two scholarships.  
HARRIS ALTSCHUL MEMORIAL SCHOLARSHIP (1928)—Established by Mrs. Harris Altschul and children in his memory.  
LOUIS ALTSCHUL MEMORIAL SCHOLARSHIP (1943).  
R. WILLIAM APTE SCHOLARSHIP (1950).  
REUBEN ARYEH AND CHAYEH PEARL ARONSON MEMORIAL SCHOLARSHIP (1948)—Established by Marty I. Aronson.  
GOLDIE BALABAN MEMORIAL SCHOLARSHIP (1939)—Established by Barney Balaban in memory of his mother.  
SOL BERMAN SCHOLARSHIP (1950).  
CHARLOTTE BERNSTEIN MEMORIAL SCHOLARSHIP (1944).  
ISAAC MOISHE AND SPRINCA BERNSTEIN MEMORIAL SCHOLARSHIP (1943)—Established by the Bernard Bernstein Foundation.  
NATE J. BLUMBERG SCHOLARSHIP (1939)—Established by Universal Pictures in honor of their President.  
LOUIS AND REGINA BORGENICHT MEMORIAL SCHOLARSHIP (1943)  
ABRAHAM BRAUN MEMORIAL SCHOLARSHIP (1947)—Established by Mrs. Sarah Braun in memory of her husband.  
LT. DAVID M. BRINN MEMORIAL SCHOLARSHIP (1945)—Established by Mrs. Doris S. Brinn.  
ISRAEL BRUKENFELD MEMORIAL SCHOLARSHIP (1942)—Established by Morris Brukenfeld in memory of his father.  
ARDE BULOVA SCHOLARSHIP (1949).  
ESTHER L. BURROS MEMORIAL SCHOLARSHIP (1947).  
ROBERT P. CABLE SCHOLARSHIP (1950).  
ROBERT K. CHRISTENBERRY SCHOLARSHIP (1939).  
REBA V. B. COHEN MEMORIAL SCHOLARSHIP (1949)—Established by Bill Jordam in memory of his mother.  
SIMON COHEN SCHOLARSHIP (1949).  
IRVING COURTNEY SCHOLARSHIP (1949).  
WILBUR L. CROSS SCHOLARSHIP (1938)—Established by the Jewish Community of the State of Connecticut in honor of the late Wilbur L. Cross, then Governor of the state of Connecticut.  
MR. AND MRS. ISRAEL CUMMINGS SCHOLARSHIP (1943).  
GEORGE DANZER MEMORIAL SCHOLARSHIP (1945)—Established by the Marcus, Rachel, Leah Rosenberg Family Circle.  
SAMUEL DENGROVE SCHOLARSHIP (1949).  
SIDNEY ELLIS SCHOLARSHIP (1949).  
AARON ETRA MEMORIAL SCHOLARSHIP (1946)—Established by the Etra Family.  
WILLIAM ETRA MEMORIAL SCHOLARSHIP (1946)—Established by Herbert Freezer.  
MAX H. FELDMAN SCHOLARSHIP (1944) — Established by the Feldman Foundation.  
MEYER FELDMAN MEMORIAL SCHOLARSHIP (1948)—Established by friends and business associates in Retail Industries.  
RAE C. FISCHER MEMORIAL SCHOLARSHIP (1946)—Established by the friends and business associates of Joe Fischer.  
JOSEPH F. FORD SCHOLARSHIP (1950).  
ABRAHAM AND MINNIE FREEDA MEMORIAL SCHOLARSHIP (1944).  
SOL FRIED SCHOLARSHIP (1949).

- BUDDY FRIEDMAN MEMORIAL SCHOLARSHIP (1946)—Established by the Buddy Friedman Post No. 297 of the Jewish War Veterans of the United States in his memory.
- MAX D. AND ESTHER FRIEDMAN MEMORIAL SCHOLARSHIP (1948)—Established by Irving and Morris Friedman in memory of their parents.
- LEWIS G. GANDEL SCHOLARSHIP (1949).
- NAT GARFINKEL SCHOLARSHIP (1949).
- STANLEY GARFINKEL SCHOLARSHIP (1949).
- JOSEPH H. GINSBURG SCHOLARSHIP (1950).
- BEN GLAZER SCHOLARSHIP (1950).
- GLUCK BROTHERS SCHOLARSHIP (1941).
- CARL GOLDBERG SCHOLARSHIP (1949).
- CHARLES GOLDBERG SCHOLARSHIP (1949).
- HYMAN GOLDBERG SCHOLARSHIP (1949).
- SAMUEL GOLDBERG & SONS FOUNDATION SCHOLARSHIP (1944).
- ARNOLD GOLDING SCHOLARSHIP (1948)—Established by Mr. and Mrs. Samuel H. Golding.
- SAMUEL GOLDMAN AND DAVID LITTMAN MEMORIAL SCHOLARSHIP (1949)—Established by Benjamin Goldman.
- DAVID GOLDRING MEMORIAL SCHOLARSHIP (1941)—Established by Martin S. Goldring in memory of his father.
- SAM GOOLD SCHOLARSHIP (1949).
- MENDEL AND SARAH GOTTESMAN MEMORIAL SCHOLARSHIP (1943).
- MENDEL AND SARAH GOTTESMAN TORAH ENDOWMENT FUND (1927—Established by the late Mendel Gottesman.
- PVT. NORMAN H. GOTTLIEB MEMORIAL SCHOLARSHIP (1947)—Established by the Pvt. Norman H. Gottlieb Group.
- CELIA AND ISAAC GREENE MEMORIAL SCHOLARSHIP (1950)—Established by Charles S. Greene.
- GROSBERG FAMILY CHARITY FUND SCHOLARSHIP (1950)—Established by Casper Grosberg.
- ALEXANDER GROSS SCHOLARSHIP (1950).
- LILY GROSSMAN MEMORIAL SCHOLARSHIP (1944).
- PHILIP GROSSMAN SCHOLARSHIP (1949).
- DAVE HANDMAN SCHOLARSHIP (1949).
- HARRY L. AND BINA HARMATZ MEMORIAL SCHOLARSHIP (1946)—Established by Abraham Harmatz in memory of his parents.
- MOISHE BEREL AND BERTHA HAUSMAN MEMORIAL SCHOLARSHIP (1938)—Established by Samuel Hausman in memory of his parents.
- JOSEPH HENSCHEL SCHOLARSHIP (1949).
- JOSEPH HERBACH MEMORIAL SCHOLARSHIP (1946)—Established by the Pannonia Beneficial Association.
- THE MARCUS HIRSCH AND MIRIAM KATZ—ELIASZ AND BLIMA CHARYTON MEMORIAL SCHOLARSHIP (1950)—Established by Benne Katz.
- MAX HIRSCH MEMORIAL SCHOLARSHIP (1946)—Established by Harold and David Hirsch in memory of their father.
- MAX HOFFMAN SCHOLARSHIP (1950).
- MOE HOFFMAN SCHOLARSHIP (1949).
- BENJAMIN HURWITZ SCHOLARSHIP (1930)—Established by Raphael and Esther Hurwitz.
- INDEPENDENT ORDER BRITH ABRAHAM SCHOLARSHIPS (1931)—Established for the sons of the members of the Independent Order Brith Abraham. There are five annual scholarships.
- REBECCA IVRY MEMORIAL SCHOLARSHIP (1947)—Established by Sidney Ivry in memory of his mother.
- JEWISH LIBERAL ARTS CLUB SCHOLARSHIP (1950).
- JEWISH WAR VETERANS SCHOLARSHIP, FREE SONS OF ISRAEL POST NO. 221 (1948).
- RIVA SARAH KADIN MEMORIAL SCHOLARSHIP (1943)—Established by her family.
- GISELLA KANDEL SCHOLARSHIP (1949)—Established by Mr. and Mrs. Sam Finkelstein in memory of their mother.

- ISIDORE KAPLAN SCHOLARSHIP (1949).  
 IRVING D. KARPAS SCHOLARSHIP (1949).  
 KASSOVER FAMILY SCHOLARSHIP (1950)—Established by Max Kassover.  
 MAURICE H. KATZ MEMORIAL SCHOLARSHIP (1944)—Established by the Sagan Foundation in his memory.  
 LOU KAUFMAN SCHOLARSHIP (1949).  
 HYMAN AND ADA KOLKO SCHOLARSHIP (1948)—Established by Hyman Kolko, Rochester, N. Y.  
 MAX E. KOLMER SCHOLARSHIP (1949).  
 SOLOMON AND REBECCA KONHEIM MEMORIAL SCHOLARSHIP (1948) — Established by Jerome Konheim.  
 EFRAIM KORNGOLD SCHOLARSHIP (1942).  
 ABRAHAM AND SARAH KREIGER SCHOLARSHIP (1946)—Established by Mr. and Mrs. Abraham Kreiger of Shelton, Connecticut.  
 HAROLD LANE SCHOLARSHIP (1949).  
 HERBERT H. LEHMAN SCHOLARSHIP (1946).  
 HARRY A. LEIBSON MEMORIAL SCHOLARSHIP (1946).  
 BEN LEVINE SCHOLARSHIP (1949).  
 TILLE LEVY MEMORIAL SCHOLARSHIP (1949)—Established by Abraham Levy.  
 SAMUEL AND JENNIE LEWIS MEMORIAL SCHOLARSHIP (1945)—Established by the Lewis Family in memory of their parents.  
 E. M. LOEW SCHOLARSHIP (1950).  
 PESACH LURIA MEMORIAL SCHOLARSHIP—Established by the Luria Family in memory of their father.  
 GORDON V. LYONS SCHOLARSHIP (1949).  
 FANNY MAGID MEMORIAL SCHOLARSHIP (1950)—Established by Mac Sepler.  
 JANE MANGEL MEMORIAL SCHOLARSHIP (1949)—Established by Sol Mangel.  
 JACOB AND LIBBY MARCUS MEMORIAL SCHOLARSHIP (1941)—Established by the Marcus Brothers in memory of their parents.  
 SARAH BEINFELD MESSING SCHOLARSHIP (1946).  
 EARON DE HIRSCH MEYER SCHOLARSHIP (1950).  
 BARNEY N. AND BERTHA E. MICHELMAN SCHOLARSHIP (1945)—Established by Mr. and Mrs. Barney N. Michelman of Springfield, Massachusetts.  
 MORRIS MORGENSTERN SCHOLARSHIP FUND (1950)—Established to aid students with ability in liturgical music.  
 MOTION PICTURE INDUSTRIES SCHOLARSHIP FUND—Fifty scholarships sponsored by the Motion Picture Industries.  
 LARRY MUSS MEMORIAL SCHOLARSHIP (1950)—Established by Mr. and Mrs. Charles J. Muss.  
 MR. AND MRS. ISRAEL NADEL SCHOLARSHIP (1948)—Established by Mr. and Mrs. Israel Nadel of Tulsa, Oklahoma.  
 NATIONAL KOSHER MEATS PRODUCTS SCHOLARSHIP (1950)—Established by Jack Altman.  
 SAMUEL NEWMAN SCHOLARSHIP (1949).  
 ISAAC PARSHESKY MEMORIAL SCHOLARSHIP (1940)—Established by Mr. Moses Parshesky in memory of his brother.  
 PEOPLE'S HOSPITAL RESEARCH FOUNDATION ANNUAL FELLOWSHIP IN SCIENCE (1950)—Isidore Grossman, President.  
 LOUIS PITOFSKY SCHOLARSHIP (1949).  
 ISIDORE POLIVNICK SCHOLARSHIP (1950).  
 JOSEPH POMERANTZ MEMORIAL SCHOLARSHIP, TORONTO (1946).  
 SAMUEL AND HANNAH POSTER MEMORIAL SCHOLARSHIP (1949)—Established by Meyer Poster in memory of his parents.  
 MOSES B. RAIZEN MEMORIAL SCHOLARSHIP—Established by Charles S. Raizen in memory of his father.  
 JOHN J. RASKOB SCHOLARSHIP (1949).  
 SAMUEL ROBBINS MEMORIAL SCHOLARSHIP (1950)—Established by Robbins Bros.  
 OTTO A. ROSALSKY SCHOLARSHIP—Established in memory of Judge Otto A. Rosalsky, for many years a devoted member and officer of the Board of Trustees.  
 ARTHUR ROSEN SCHOLARSHIP (1950).  
 SAMUEL ROSEN SCHOLARSHIP (1949)—Established by the Fabian Family.

- MR. AND MRS. GUSTAVE ROTH SCHOLARSHIP (1935).  
 MRS. ETHEL SAR MEMORIAL SCHOLARSHIP (1949)—Established by Mr. and Mrs. Samuel Schwartz.  
 GEORGE J. SCHAEFER SCHOLARSHIP (1940)—Established by the Board of Trustees.  
 LT. JAMES GERARD SCHAEFER MEMORIAL SCHOLARSHIP—Established by Louis B. Mayer.  
 NATHAN AND REBECCA SCHIFF MEMORIAL SCHOLARSHIP (1946)—Established by the Schiff family.  
 BERNARD SCHILDKROUT SCHOLARSHIP (1949).  
 MR. AND MRS. LOUIS SCHLEIFER SCHOLARSHIP (1950).  
 LOU SCHNEIDER SCHOLARSHIP (1949).  
 MR. AND MRS. MAX J. SCHNEIDER SCHOLARSHIP (1950).  
 ISAAC AND ANNE SCHNEIERSON MEMORIAL SCHOLARSHIP (1944)—Established by Samuel S. Schneier in memory of his parents.  
 MILLI SCHPERO SCHOLARSHIP (1945)—Established by David, Louis, and William Schpero of Derby, Connecticut.  
 BENJAMIN SELZ SCHOLARSHIP (1928)—Established by Mrs. Benjamin Selz.  
 BERNARD SHAPIRO SCHOLARSHIP (1949).  
 DAVID AND ESTHER SHAPIRO SCHOLARSHIP (1945)—Established by Mr. and Mrs. David Shapiro.  
 ZISSE SHLANSKY MEMORIAL SCHOLARSHIP (1941)—Established in her memory by her children: Philip, Louis, Selig, Isaac, Bertha and Pauline.  
 LOUIS SIEGEL SCHOLARSHIP (1949)—New York, N. Y.  
 LOUIS SIEGEL SCHOLARSHIP (1942)—Lancaster, Pa.  
 CHARLES H. SILVER SCHOLARSHIP (1949).  
 H. JEROME SISSELMAN TORAH SCHOLARSHIP (1948).  
 SPYROULA PANAGIOTIS SKOURAS MEMORIAL SCHOLARSHIP (1939)—Established by George P. Skouras in memory of his mother.  
 SAMUEL STRAUSBERG MEMORIAL SCHOLARSHIP (1948)—Established by Solomon M. Strausberg and Elias Bloomgarden.  
 MENDEL TAMOR MEMORIAL SCHOLARSHIP (1949)—Established by David I. Tamor.  
 ISAAC AND TANYA TIPLITSKY SCHOLARSHIP (1939).  
 MR. AND MRS. MICHAEL TUCH SCHOLARSHIP (1949)—Established by the Michael Tuch Foundation.  
 RABBI SEYMOUR TURK SCHOLARSHIP (1950)—Established by Congregation Pri Etz Chaim, Brooklyn, in honor of their Rabbi.  
 HARRIS H. URIS MEMORIAL SCHOLARSHIP (1940).  
 W. G. VAN SCHMUS MEMORIAL SCHOLARSHIP (1942)—Established by the Board of Trustees.  
 MEYER VESELL SCHOLARSHIP (1939)—Established by the Board of Trustees in memory of the late Meyer Vesell.  
 JACK WERMAN MEMORIAL SCHOLARSHIP (1942)—Established by the Werman family.  
 MR. AND MRS. SIMON H. WHITEMAN MEMORIAL SCHOLARSHIP (1946)—Established by Mr. and Mrs. Samuel Greenblatt.  
 PETER WIERNIK SCHOLARSHIP—Established by the Board of Trustees in memory of the late Peter Wiernik, who was a devoted trustee for a quarter of a century.  
 MAX WINKLER MEMORIAL SCHOLARSHIP (1947)—Established by Regina Winkler  
 SOL WOLK AND SONS SCHOLARSHIP (1950)—Established by Jacob Wolk.  
 YOUNG MEN'S PHILANTHROPIC LEAGUE SCHOLARSHIP (1946).

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THE MAZER SCHOLARSHIP FUND—Provides fellowships and scholarships for postgraduate work at the Hebrew University in Israel. Fellowships and scholarships are open to graduates of any department of Yeshiva University.

## PRIZES

The following prizes are awarded annually to graduate and undergraduate recipients selected by a committee on awards, upon the recommendation by the respective divisions of study, with the approval of the Faculty:

**AMERICAN CLASSICAL LEAGUE PRIZES**—Given by the Yeshiva College chapter for excellence in the classical languages.

**AMERICAN LEGION MEDAL**—For patriotic service.

**MINA BELKIN MEMORIAL AWARD**—For outstanding service and devotion to the school.

**HARRY AND JANE FISCHEL MEMORIAL PRIZE**—For a contribution to the study of American Jewish history.

**MENDEL AND SARAH GOTTESMAN MEMORIAL FUND AWARD**—For scholarship, ethics, and character.

**JOSEPH GUNNER MEMORIAL PRIZE**—For excellence in Mathematics.

**RABBI ABRAHAM P. HIRMES MEMORIAL PRIZE**—Given by Congregation Brothers of Israel of Long Branch for a graduate of Yeshiva College who excels in Talmudic Studies.

**HISTADRUTH IVRITH PRIZE**—For excellence in Hebrew Language and Literature.

**JEWISH ACADEMY OF ARTS AND SCIENCES PRIZE**—To the graduate who ranks highest in his college studies.

**JEWISH WAR VETERANS PRIZE**—For service and devotion to the school.

**RIVA SARAH KADIN MEMORIAL PRIZE**—For proficiency in Talmud.

**MAURICE H. KATZ PRIZE**—For excellence in Physics.

**SADIE AND ARTHUR M. LAMPORT FOUNDATION PRIZE**—For the best essay by a senior student of Ethics on a Jewish ethical problem.

**SAMUEL C. LAMPORT PRIZE**—For excellence in Ethics.

**MR. AND MRS. LOUIS LANKISKY MEMORIAL PRIZE**—To the graduate who excels in Talmudic studies.

**LITERARY SOCIETY FOUNDATION PRIZES**—For excellence in German.

**MANISCHEWITZ PRIZE**—For excellence in Philosophy.

**MUTUAL BENEVOLENT SOCIETY OF 1865, INC. PRIZE**—For excellence in Biology.

**NATIONAL COUNCIL OF YOUNG ISRAEL PRIZE**—For excellence in History.

**NATHAN RABINOWITZ MEMORIAL PRIZE**—Given by his classmates of '41 to a student of the graduating class for excellence in Chemistry.

**MEYER AND BELLA RHINE PRIZE**—For excellence in Talmudic studies.

**JEROME ROBBINS MEMORIAL PRIZE**—For the best original short story.

**ROSE RACHEL SIEGEL MEMORIAL PRIZE**—For proficiency in Talmudic studies.

**ABRAHAM SOYER MEMORIAL FUND PRIZE**—For excellence in Fine Arts.

**LOUIS SURUT PRIZE**—For excellence in Mathematics.

**MEYER VESELL PRIZE**—For excellence in French.

**LOUIS WERFEL MEMORIAL PRIZE**—Given by the College Alumni Association to the junior who ranks highest in all his studies.

**PETER WIERNIK PRIZE**—Given by Scripta Mathematica to a junior for excellence in Mathematics.

**WOMEN'S BRANCH OF THE UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA PRIZE**—To the graduate who ranks highest in the studies of his senior year.

**YESHIVA UNIVERSITY WOMEN'S ORGANIZATION PRIZE**—For proficiency in Talmud.

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**THE MORDECAI BEN DAVID AWARD**—The Mordecai Ben David Foundation makes an annual award of \$1,000 to the student or graduate of Yeshiva University, or other person, who in the judgment of the Foundation has achieved an outstanding record in the promotion and enhancement among American Jews of a deep and abiding sense of loyalty, devotion and patriotism to the United States of America.

## COURSE OF STUDY

### GENERAL REQUIREMENTS

Candidates for the degree of Bachelor of Arts must complete prescribed and elective courses amounting to 128 credits. One credit represents one period of lecture or recitation, or two periods of laboratory work, per week for one semester, or the equivalent, unless otherwise stated in the course listing. A semester consists of 16 weeks, a period of 50 minutes (except Chemistry laboratory periods, which are 60 minutes long).

Except in unusual cases, students must have at least two years' residence at Yeshiva College, one of which must be the Senior year, in order to be eligible for the degree.

A student must complete all requirements for graduation within six years of the date of matriculation excluding time lost because of serious illness or service with the armed forces. This time will be extended proportionately for those students who register for partial programs with the consent of the Office.

The candidate must have an average of 2.0 or better in all his studies, and a grade of C or better in all courses in his major subject.

### PRESCRIBED WORK

The following courses are required for all students:

English 1-2, 3-4

History 1-2 or Mathematics 1-2

Biology 1-2 or Chemistry 1-2 or Chemistry 1a-2a or Physics 1-2

History 35, 36—unless American History is offered for admission

\*Speech 1, 2, 3, 4

Hygiene 1-2

Physical Education 1 to 8

\*\*Hebrew 1-2, 3-4 or 01-02, 1-2

\*\*History 101-102

Bible—as indicated below

Foreign Language in addition to Hebrew—as indicated below

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\*Majors in Biology, Chemistry and Physics who have received grades of B or better in Speech 1 and 2 will be excused from taking Speech 3 and 4, with the approval of their instructor in Speech 2.

\*These courses are required for Jewish students not in the Teachers Institute. Students in that school will take equivalent courses there and will transfer for college credit 8 credits each of Hebrew and Jewish History, provided those courses were taken after the admission of the student to the college. Such students may transfer all 16 credits in Hebrew if they desire, provided they so inform the Registrar at the time of registration.

## BIBLE REQUIREMENTS

Students or graduates of the Teachers Institute are not required to take Bible in the college. Students of the Rabbi Isaac Elchanan Theological Seminary must take Bible every semester; the courses numbered 1 to 8 are for them. Jewish students not registered in either Teachers Institute or the Theological Seminary will take Bible 21 to 28, inclusive, instead.

## FOREIGN LANGUAGE REQUIREMENTS

All students except those majoring in Biology, Chemistry, or Physics are required to take French or German or Latin or Spanish 1-2, 3-4 or 01-02, 1-2.

Science majors may fulfill the above requirements if they desire. Otherwise they must take German 7-8 or pass a written examination to demonstrate a reading knowledge of scientific French or German.

Foreign students proficient in one of the above languages may be excused from the requirements.

## THE MAJOR

Each student must select one subject as a Major, not later than the end of his Sophomore year. The subjects in which one may major, and the requirements for each major, will be found at the head of the course listing. The student must have the permission of an instructor of the subject in which he wishes to major, and must also get this instructor's approval of his planned course of study.

The requirements in this catalog are not binding on students who entered before September 1, 1949. Those students may fulfill either the requirements in this catalog or those in the 1949-50 catalog, but must indicate which set of requirements they choose when they register in Fall 1950.

## THE DIVISIONS

All the courses of instruction are grouped into four divisions. The divisions and the subject comprising each are:

1. LANGUAGES AND LITERATURE: English, Fine Arts, French, German, Greek, Latin, Spanish, and Speech.
2. THE NATURAL SCIENCES AND MATHEMATICS: Biology, Chemistry, Hygiene, Mathematics, and Physics.
3. THE SOCIAL SCIENCES: Economics, Education, History, Philosophy, Physical Education, Political Science, Psychology, and Sociology.
4. JEWISH STUDIES: Bible, Hebrew, and Jewish History.



## CREDITS FOR ENROLLMENT IN CLASSES

The number of credits which a student is required to have in order to enroll in each class is as follows:

<i>Class</i>	<i>Credits</i>	<i>Class</i>	<i>Credits</i>
Upper Freshman	12	Upper Junior	78
Lower Sophomore	28	Lower Senior	94
Upper Sophomore	45	Upper Senior	111
Lower Junior	61	Graduation	128

No student, however, will be enrolled as a sophomore until he has removed all entrance conditions and completed all required freshman courses; and any student who is at any time carrying a sufficient number of credits to complete the total required for graduation will be registered as an upper senior.

A student will not be graduated until he has received all the credits prescribed, and until all his indebtedness to the College has been discharged.

## PRE-MEDICAL AND PRE-DENTAL MAJOR

The college curriculum contains all courses required for pre-medical and pre-dental training. Students planning to go into either medicine or dentistry are advised to consult with the Registrar concerning the order of their science courses, so that the proper sequence may be followed.

The following courses are required for a pre-medical or pre-dental major: Chemistry 1-2, 11-12, 13-14; Biology 1-2, 11-12, 11L-12L; Physics 1-2. Although they are not required, Chemistry 15-16 and an additional year of Biology are advisable.

## COURSES OF INSTRUCTION

Courses are listed alphabetically. Those courses which are listed in brackets are year courses. Credit is not allowed for one semester of a year course.

Courses listed by title in parentheses will not be offered during the period covered by this catalog.

Unless otherwise specified, one hour is equivalent to one credit.

In general, odd numbered courses are given in the Fall and even numbered courses in the Spring.

### BIBLE

*Dean Sar*

*Dr. Bernstein*

*Mr. Mirsky*

*(Additional instructors are assigned by the Theological Seminary and the Teachers Institute)*

#### BIBLE 1 TO 8 THE HEBREW BIBLE, TEXT AND COMMENTARIES

Reading of the Hebrew Text. Philological and exegetical analysis, based on medieval commentators and midrashic expositions.

Two hours; one credit.

- |                                    |                             |
|------------------------------------|-----------------------------|
| 1. MINOR PROPHETS                  | 5. PSALMS                   |
| 2. JEREMIAH AND THE FIVE MEGILLOTH | 6. JOB                      |
| 3. PROVERBS                        | 7. ISAIAH                   |
| 4. EZEKIEL                         | 8. DANIEL - EZRA - NEHEMIAH |

#### BIBLE 21 TO 28 GENERAL JEWISH STUDIES

These courses are intended for Jewish students not registered in either the Rabbi Isaac Elchanan Theological Seminary or the Teachers Institute. The subjects studied include Bible (Pentateuch and Early Prophets), Talmud, and Jewish Customs and Ceremonies.

Six hours; one credit.

### BIOLOGY

*Professor Saphier*

*Associate Professor Atlas*

A student majoring in Biology is required to take 24 credits in Biology; also Chemistry 1-2. The following are also recommended: Mathematics 1-2, Physics 1-2, Chemistry 11, 12, 13.

BIOLOGY 1 } GENERAL BIOLOGY *Professors Saphire, Atlas*  
2 }

An introduction to the study of living organisms and the basic principles of biology. Special emphasis will be placed on forms selected from the different plant and animal groups.

Two lectures and four laboratory periods; four credits each semester.

BIOLOGY 11 } COMPARATIVE ANATOMY OF VERTEBRATES  
12 }

The structure and significance of the various systems of the vertebrates will be discussed. Topics for the first semester include: taxonomy, skeletal, muscular and nervous systems, and sense organs. Topics for the second semester include: integumentary, digestive, circulatory, excretory, reproductive and endocrine systems.

Prerequisite: Biology 1-2.

Two hours.

Either Biology 11L or 12L must be taken for credit to be obtained.

**BIOLOGY 11L**    **LABORATORY WORK IN ANATOMY**  
**12L**

First semester: *Amphioxus*; dissection of the dogfish, mudpuppy and turtle.  
Second semester: representative types of chordates; skeletons of different vertebrate types; dissection of the cat.

Corequisite: Biology 11 or 12. Four laboratory hours, two credits each semester.

Biology majors must take both semesters. Others may take either.

**BIOLOGY 13**    **EMBRYOLOGY**

The development of the various systems of vertebrates will be considered.

Prerequisite: Biology 1-2. Two lectures and two-hour laboratory periods; four credits.

**BIOLOGY 14**    **GENETICS**

The development of biology, including the laws of heredity, variation, mutation, natural and artificial selection, inheritance of acquired characteristics, theory of the gene, human genetics and eugenics, will be discussed.

Prerequisite: Biology 1-2. Two hours.

Biology majors who elect this course must take Biology 14L simultaneously.

**BIOLOGY 14L**    **GENETICS LABORATORY**

Individual breeding experiments with the fruit fly, fish, maize, and selected plants will be conducted. A minimum of four hours of laboratory work is required; two credits.

Corequisite: Biology 14.

(**BIOLOGY 15**    **HISTOLOGY**)

Microscopic study of animal tissues and organs, with practice in the more usual methods of histological technique.

Prerequisite: Biology 1-2. Two lectures and two two-hour laboratory periods; four credits.)

(**BIOLOGY 16**    **INVERTEBRATE ZOOLOGY**)

A study of the structure, life histories, and phylogeny of the most important invertebrate forms.

Prerequisite: Biology 1-2. Two lectures and two two-hour laboratory periods; four credits.)

**BIOLOGY 17**    **GENERAL PHYSIOLOGY**

A survey of the principles of physiology which must be understood before the organs and systems are studied. Topics discussed include the history and methods of physiology, cellular organization, physical and chemical nature of protoplasm, hydrogen-ion concentration, osmosis, permeability, enzymes, cellular oxidation-reduction, electrical activity of cells, excitability, contractility.

Prerequisite: Biology 1-2. A knowledge of elementary chemistry and physics is desirable. Two hours.

Biology 18 must be taken for credit to be obtained.

**BIOLOGY 17L**    **LABORATORY IN GENERAL PHYSIOLOGY**

Experiments to illustrate the lecture material. Required for Biology majors who are taking Biology 17, elective for others.

Corequisite: Biology 17. Four laboratory hours, two credits.

## BIOLOGY 18 VERTEBRATE PHYSIOLOGY

A study of the functions of the different systems of the vertebrates will be made. Emphasis will be on experimental methods and evidence. Individual and group experiments will be performed in the laboratory.

Prerequisites: Biology 1, 2, and 17.

Two lecture hours, four laboratory hours, four credits.

## (BIOLOGY 19 GENERAL BOTANY

This course deals primarily with the structure and physiology of the higher plants and of representative forms of the plant groups, including microscopical study of their cellular anatomy.

Prerequisite: Biology 1-2.

Two lectures and two two-hour laboratory periods; four credits.)

## (BIOLOGY 20 PLANT PHYSIOLOGY

Life processes and responses of plants. Growth, movements, and responses of the living plant to its surroundings. Manufacture and utilization of foods; nutrition, respiration, absorption, excretion.

Prerequisite: Biology 19. Two lectures and one four-hour laboratory period; four credits.)

## BIOLOGY 21 PHYSIOLOGY OF MAN

*Professor Kisch*

22

A study of the life processes in man.

Not for biology majors.

Two hours.

## (BIOLOGY 23 PRINCIPLES OF BACTERIOLOGY

24

The structure and functions of bacteria; the basic principles of bacteriological technique.

Prerequisite: Biology 1-2.

Two lectures and two two-hour laboratory periods; four credits).

## CHEMISTRY

*Professor Isaacs*

*Professor Kisch*

*Associate Professor Levine*

*Assistant Professor Savitsky*

*Mr. Kallner*

A student majoring in Chemistry is required to take Chemistry 1-2, 11, 12, 13, 14; also Mathematics 1, 2, 11 and Physics 1-2. Chemistry 15 and 16 may be substituted for 14. Mathematics 12 and 13 are also recommended. While Physical Chemistry is not required for the major, it is a requirement for admission to graduate courses in a number of institutions, and students are strongly urged to take it.

CHEMISTRY 1 }  
2 }

## ELEMENTARY INORGANIC CHEMISTRY

*Professor Levine, Mr. Kallner*

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.

Three hours; three laboratory hours; four credits each semester.

CHEMISTRY 1a } GENERAL CHEMISTRY FOR NON-SCIENCE STUDENTS  
 2a } *Professor Isaacs, Mr. Kallner*

This course covers some of the basic principles of the science with emphasis on the inorganic and organic fields. Special attention will be given to correlation of Chemistry and the sciences of Physics and Biology. The laboratory work will include experiments of practical interest in the inorganic and organic fields as well as special experiments in biochemistry and physical chemistry.

Three hours; three laboratory hours; four credits each semester.  
 Students taking this course may not use it as credit for specialization in the sciences. Chemistry 2 will be required for students who have completed this course and desire to take advanced courses in Chemistry.

CHEMISTRY 11 QUALITATIVE ANALYSIS *Professor Levine*

Instruction in the principles involved in the detection of unknown substances.

Prerequisite: Chemistry 2. Two hours; six laboratory hours; five credits.

CHEMISTRY 12 QUANTITATIVE ANALYSIS *Professor Levine*

Study of the principles and the practice of the analysis of inorganic compounds. Selected experiments to study the various techniques in volumetric and gravimetric analysis.

Prerequisite: Chemistry 11. Two hours; six laboratory hours; five credits.

CHEMISTRY 13 ORGANIC CHEMISTRY *Professor Levine*

The chemistry of the aliphatic compounds.

Prerequisite: Chemistry 12. Three hours; four laboratory hours; five credits.

CHEMISTRY 14 ORGANIC CHEMISTRY *Professor Levine*

The chemistry of the aromatic compounds. In addition to organic synthesis, the laboratory work will include elementary organic qualitative analysis.

Prerequisite: Chemistry 13. Three hours; four laboratory hours; five credits.

CHEMISTRY 15 } PHYSICAL CHEMISTRY *Professor Isaacs*  
 16 }

This course covers the general laws of physical chemistry.

Prerequisite: Chemistry 12, 13; Physics 1-2; Mathematics 11-12.

Three hours.

CHEMISTRY 15L } PHYSICAL CHEMISTRY LABORATORY  
 16L } *Professor Levine*

A course in experiments in Physical Chemistry to accompany Chemistry 15-16. Four laboratory hours; two credits each semester.

CHEMISTRY 19 BACTERIOLOGY FOR CHEMISTRY STUDENTS

*Professor Isaacs*

The techniques of bacteriology, particularly from the point of view of the chemical transformations produced by bacteria.

Prerequisite: Chemistry 13. Two lectures and three laboratory hours; three credits.

Admission by advance permission of the instructor only.

(CHEMISTRY 21 HISTORY OF CHEMISTRY  
 22

A study of the development of the basic theories and facts of chemistry.

Prerequisite: Chemistry 1-2.

Two hours.)

CHEMISTRY 23  
24 PHILOSOPHY OF SCIENCE *Professor Kisch*

A critical and historical analysis of the basic concepts of science and their metaphysical implications. Two hours.

CHEMISTRY 25 PROBLEMS IN THE PHILOSOPHY OF SCIENCE  
26 *Professor Savitsky*

A critical analysis of the methods and concepts of the sciences; the role of science in contemporary civilization.  
Prerequisites: One year of Science and one course in Philosophy. Two hours.

## ECONOMICS

*Professor Brody*

### ECONOMICS 11 ECONOMIC PRINCIPLES AND PROBLEMS

*Professor Brody*

This course is designed to provide the student with a fundamental knowledge of the economic structure of modern society. The underlying principles will be analyzed and illustrated by reference to current problems. Business organization and financing, production, marketing and consumption, division of labor, price mechanism, economic rent, interest, wages, profit, and the elementary problems of money and banking, are considered.

Three hours.

### ECONOMICS 12 CURRENT ECONOMIC PROBLEMS *Professor Brody*

The purpose of this course is to acquaint the student with current economic problems in the United States. Among the institutions and problems discussed are public finance, public utilities, business cycles, international trade, labor problems, and economic philosophies of Communism, Socialism, and Fascism.

Prerequisite: Economics 11.

Three hours.

### ECONOMICS 13 HISTORY OF ECONOMIC THOUGHT

The logical and sociological components in the evolution of economic thought from medieval times to the middle of the 19th century. Special attention is given to the English Classical Doctrine and divergent schools of thought.

Prerequisite: Economics 11-12.

Three hours.

### ECONOMICS 14 MODERN AND CONTEMPORARY ECONOMIC THOUGHT

The development of contemporary economic thought in American and foreign economic literature. The emergence of the Utility School. Neo-Classicism, together with a consideration of the writings of Keynes, Schumpeter, Hayek and Von Mises.

Prerequisite: Economics 13.

Three hours.

## EDUCATION\*

*Associate Professor Kraus*

*Mr. Terkel*

EDUCATION 11 } HISTORY AND PHILOSOPHY OF EDUCATION

12 }

*Mr. Terkel*

A critical survey of the backgrounds of education from ancient times to the present, and of the major philosophies underlying educational theory and practice. The major movements and institutions in the history of education are studied for their implications for modern principles and procedures.

Prerequisite: History 1-2 or Upper Sophomore status.

Two hours.

EDUCATION 16 EDUCATIONAL PSYCHOLOGY

For a description of this course, see Psychology 16.

EDUCATION 21 PRINCIPLES AND PROBLEMS OF EDUCATION

*Professor Kraus*

A study of current educational trends and practices and of their underlying principles. Educational practices are evaluated in terms of their psychological soundness and of their success in helping to meet the needs of children in a democratic society. The role of the modern school in the community is given special emphasis.

Prerequisite: Education 11-12. Prerequisite or corequisite: Education 16.

Three hours.

EDUCATION 31 METHODS OF TEACHING AND CLASS MANAGEMENT  
IN THE ELEMENTARY SCHOOL

*Mr. Terkel*

A study of the principles and methods of teaching the various subjects in the elementary school curriculum. Creative techniques, particularly suitable to the elementary school child and to the modern program of education, are presented. Techniques of class management are also considered.

Prerequisite: Education 21.

Two hours.

EDUCATION 32 METHODS OF TEACHING IN SECONDARY SCHOOLS

*Professor Kraus*

A study of the aims and objectives of secondary education and the principles and methods of teaching in secondary schools. Consideration is also given to the psychology of adolescence and its implication for the teacher.

Prerequisite: Education 21.

Two hours.

## ENGLISH

*Associate Professor Fleisher*

*Associate Professor Linn*

*Mr. Vogel*

A student majoring in English is required to take 18 credits in English, not including English 1-2; also History 1-2 and either Philosophy 1-2 or 11, 12.

ENGLISH 01 ELEMENTARY COMPOSITION AND RHETORIC

*Professor Linn*

This course is intended for those students who do not meet the requirements for admission to English 1. Emphasis is placed on the acquisition of sufficient knowledge of mechanics and idiom to pursue Freshman English successfully.

Two hours; No credit.

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\*Properly qualified upper classmen may receive permission to take additional courses in the graduate School of Education and Community Administration.

ENGLISH 1 } COMPOSITION AND RHETORIC  
 2 } *Professor Fleisher, Professor Linn, and Mr. Vogel*

The aim of this course is to give training in the correct and effective use of English. Emphasis is laid on clear thinking as the basis of lucid and coherent expression. 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. Frequent themes emphasizing the elements of compositions are required.

Three hours; conferences; three credits.

ENGLISH 3 } SURVEY OF THE HISTORY OF ENGLISH LITERATURE  
 4 } *Professor Fleisher, Mr. Vogel*

A survey of the history of English literature from its beginnings to our own day, accompanied by a study of masterpieces illustrating the various literary periods.

Prerequisite: English 1-2.

Three hours.

ENGLISH 5 REMEDIAL WRITTEN ENGLISH *Professor Linn*

This course is prescribed for those students who do not meet the standards in mechanics required in English 1-2. The student's difficulties are analyzed and a program of work is fitted to his individual needs. Satisfactory completion of this course is a prerequisite for graduation.

Individual conferences; no credit.

(ENGLISH 11 SHAKESPEARE

The histories and comedies, with supplementary reading among his contemporaries.

Prerequisite: English 3-4.

Two hours.)

(ENGLISH 12 SHAKESPEARE

The tragedies, with supplementary reading among his contemporaries.

Prerequisite: English 3-4.

Two hours.)

ENGLISH 15 ENGLISH LITERATURE OF THE SEVENTEENTH  
 16 CENTURY *Professor Fleisher*

This course deals with the writings of the chief English men of letters and with the main trends of English literature from the accession of James I to the accession of Queen Anne. Literary works and trends are viewed against the social, political, and intellectual background of the century.

Prerequisite: English 3-4.

Three hours.

ENGLISH 19 WORDSWORTH, COLERIDGE, AND KEATS

*Professor Fleisher*

Prerequisite: English 3-4.

Three hours.

ENGLISH 20 BYRON AND SHELLEY

*Professor Fleisher*

Prerequisite: English 3-4.

Three hours.

ENGLISH 21 TENNYSON

*Professor Fleisher*

Prerequisite: English 3-4.

Two hours.

ENGLISH 22 BROWNING

*Professor Fleisher*

Prerequisite: English 3-4.

Two hours.



ENGLISH 23 CONTEMPORARY LITERATURE *Professor Linn*  
24

This course aims to guide students along many roads of the literature of the twentieth century, emphasizing the more conspicuous literary schools and styles of the present day.  
Prerequisite: English 3-4.

ENGLISH 25 AMERICAN LITERATURE *Professor Linn*  
26

A study of the development of American literature from its origin to 1890.  
Prerequisite: English 3-4. Three hours.

(ENGLISH 29 WORLD LITERATURE  
30  
Three hours.)

(ENGLISH 31 HISTORY OF THE DRAMA  
32  
Representative plays by Greek, Roman, medieval and modern playwrights are studied in class, and written reports on collateral readings are required. Fall semester: From the ancient Greeks to the Renaissance. Spring semester: From the Renaissance to Ibsen.  
Prerequisite: English 3-4. Two hours.)

ENGLISH 35 CHAUCER *Professor Linn*  
36

A study of the major works of Chaucer, with emphasis on the literary rather than the linguistic content.  
Prerequisite: English 3-4. Two hours.

ENGLISH 46 ADVANCED NARRATION: THE SHORT STORY  
*Professor Linn*

Discussion and writing of original short stories, with emphasis on class and individual criticism of the student's work.  
Prerequisite: English 1-2. Two hours.

ENGLISH 47 ADVANCED EXPOSITION *Professor Linn*

Practice in expression, putting the student's power at the service of professional need or creative inclination. There is also consideration of technical elements and points of style, with discussion adapted to the need of the student.  
Prerequisite: English 1-2. Two hours.

FINE ARTS

*Professor Adler Associate Professor Chernowitz Dr. Nallin*

FINE ARTS 1 HISTORY AND APPRECIATION OF ART  
*Professor Chernowitz*

A survey of important developments and examples in architecture, sculpture, painting, and other arts with the aim of developing appreciation and discrimination on the part of the student.  
Two hours; one credit.

FINE ARTS 2 AN INTRODUCTION TO MUSIC *Dr. Nallin*

An introduction to the study of music as an art, requiring no previous knowledge of music. The course aims to present the fundamental principles of listening and the cultivation of helpful listening habits. Throughout the material under discussion is richly illustrated with examples chosen from the musical literature.  
Two hours; one credit.

**(FINE ARTS 3, 4, 5, 6 CHORAL MUSIC**

Songs of various styles are studied, primarily for occasions of the Jewish year. At the same time the students are familiarized with the elements of group leading. No previous musical experience is required.

Two hours; one credit each semester.)

**FINE ARTS 7 FUNDAMENTALS OF MUSIC** *Professor Adler*

The elements of melody, harmony, rhythm and form are experienced and applied in ear training, in reading, writing and playing simple musical examples. Material is predominantly drawn from Jewish sources, thus preparing the students for musical work in service, school and community. Some musical experience is desired but not required. Two hours.

**FINE ARTS 9 HARMONY** *Professor Adler*

On the basis of ear training students will experience the structural forces in music, predominantly harmony, and will develop their own creativeness by writing and arranging music of various kinds. Two hours.  
Prerequisite: Fine Arts 7 and 8.

**FINE ARTS 11 MUSIC FROM ANTIQUITY TO THE RENAISSANCE** *Dr. Nallin*

An applied study of the formative years of western music. Discussion is centered around the emergence of chant from the religious ceremonies of the Jewish people, Greek contributions to musical culture, the emergence of Christian chant, the incipient secular music of the troubadours, trouveres, etc., and the culmination in the Italian and Flemish schools of the fourteenth and fifteenth centuries.

Prerequisite: Fine Arts 2 or permission of the instructor. Two hours.

**FINE ARTS 12 MUSIC IN THE BAROQUE AND CLASSIC ERAS** *Dr. Nallin*

The study of music and musical practices in the seventeenth and eighteenth centuries. Areas of study include the beginnings of opera at the hands of the Camerata, the establishment of instrumental forms such as the suite, fugue, concerto, grosso, etc. The major personages treated include Bach, Handel, Scarlatti, Monteverdi, Haydn, and Mozart.

Prerequisite: Fine Arts 2 or permission of the instructor. Two hours.

**FINE ARTS 13 MUSIC IN THE ROMANTIC ERA** *Dr. Nallin*

A consideration of the multiple currents which affected the growth of music in the nineteenth century with special reference to concomitant development in literature, painting, government, etc. Discussion centers about the rise of symphonic thought with the unfolding symphony, symphonic poem, music drama, concerto, etc. Major composers treated include Beethoven, Schubert, Mendelssohn, Schumann, Berlioz, Liszt, Wagner and Brahms.

Prerequisite: Fine Arts 2 or permission of the instructor. Two hours.

**FINE ARTS 14 MUSIC IN THE TWENTIETH CENTURY** *Dr. Nallin*

A study of the avenues of musical development from the close of the nineteenth century to the present day. An effort is made to relate musical currents to like thought in allied fields including literature, poetry, painting, etc. The course opens with a brief survey of the contributions of Wagner, Mahler and Bruckner to twentieth century musical thought, and continues with a consideration of Richard Strauss, Sibelius, Ravel, Debussy, Schonberg, Berg, Hindemith, Shostakovich, Prokofiev, etc.

Prerequisite: Fine Arts 2 or permission of the instructor. Two hours.

**FINE ARTS 19 VOICE CULTURE** *Professor Adler*

The elements of voice training for singing and speaking. Breath control and tone production are taught. The course includes vocal physiology and hygiene, and combines general instruction with individual attention. Two hours.

## FRENCH

*Associate Professor Braun*      *Associate Professor Chernowitz*

A student majoring in French is required to take 24 credits in French, not including French 01-02; also such additional courses, not exceeding 15 credits, as may be prescribed by the instructor in each individual case.

FRENCH 01 }  
02 }      **ELEMENTARY FRENCH** *Professors Braun, Chernowitz*

Essentials of grammar, elementary reading, and translation. This course is designed particularly for students who have had no high school work in French, but wish to acquire a reading knowledge of the language.

Three hours.

FRENCH 1 }  
2 }      **INTERMEDIATE COURSE** *Professors Braun, Chernowitz*

Intensive review of grammar, selected readings, exercises in composition and conversation.

Prerequisite: Two years of high school French or French 02. Three hours. Students having had three years of high school French may enter French 2 with special permission of the instructor.

FRENCH 3 }  
4 }      **SURVEY OF FRENCH LITERATURE** *Professor Braun*

A survey of the history of French literature from the medieval period to the present time, accompanied by wide reading in the prose, the poetry, and the drama of the different periods. Conducted entirely in French.

Prerequisite: French 2.

Three hours.

(FRENCH 6 **FRENCH PROSE WRITERS OF THE SEVENTEENTH CENTURY**

Prerequisite: French 4.

Two hours.)

(FRENCH 7  
8      **FRENCH LITERATURE OF THE EIGHTEENTH CENTURY**

Especially Voltaire, Diderot, and Rousseau.

Prerequisite: French 4.

Two hours.)

FRENCH 11 **CONTEMPORARY FRENCH LITERATURE**

*Professor Braun*

Baudelaire, Verlaine, Mallarmé, Rimbaud, Bourget, France, Barres, Roland, Gide, Proust, *etc.* Wide reading among the authors discussed, with frequent reports based upon supplementary reading. Conducted entirely in French.

Prerequisite: French 4.

Three hours.

(FRENCH 12 **THE MODERN NOVEL**

A study of the history of the novel with special emphasis on the modern period. Several novels will be read during the semester. Lectures, reports, and discussions in French.

Prerequisite: French 4.

Three hours.)

FRENCH 13 **MODERN DRAMA**

*Professor Braun*

Study of the drama of the Romantic, Realistic, and Contemporary periods. Reading of representative plays. Lectures, reports, and discussions in French.

Prerequisite: French 4.

Three hours.

(FRENCH 21 **ADVANCED COMPOSITION**

A course in oral and written French, stressing contemporary practice. Frequent exercises in translation, in composition, and in conversation. The use of idioms and the appreciation of fine shades in meaning will be emphasized. Conducted in French.

Prerequisite: French 4, or with special permission of the instructor.

Three hours.)

**FRENCH 23 HISTORY OF FRENCH CIVILIZATION** *Professor Braun*

The background of history, art, and institutions, as an aid to the understanding of the principal movements of French literature. Lectures, readings and reports.

Prerequisite: French 4.

Two hours.

**FRENCH 26 MOLIERE**

Study and discussion of the principal plays of this dramatist.

Prerequisite: French 4.

Two hours.

**FRENCH 27 VICTOR HUGO**

*Professor Chernowitz*

Some of Hugo's poetry and prose will be read together with several of his plays.

Prerequisite: French 4.

Two hours.

**FRENCH 28 BALZAC**

*Professor Braun*

Analysis of some of Balzac's better known works.

Prerequisite: French 4.

**(FRENCH 29 ANATOLE FRANCE**

Reading of some short stories and several of his novels.

Prerequisite: French 4.

Two hours.)

**GERMAN**

*Associate Professor Rosenberg*

A student majoring in German is required to take 24 credits in German, not including German 01-02; also such additional courses, not exceeding 15 credits, as may be prescribed by the instructor in each individual case.

**GERMAN 01 } ELEMENTARY GERMAN** *Professor Rosenberg*  
02 }

Essentials of grammar, elementary reading, and translation. This course is designed particularly for students who have had no high school work in German, but wish to acquire a reading knowledge of the language.

Three hours.

**GERMAN 1 } INTERMEDIATE COURSE** *Professor Rosenberg*  
2 }

Prose composition, review of grammar, and practice in spoken German. Reading in classical German literature, poetry and modern prose.

Prerequisite: Two years of high school German or German 02.

Three hours.

**GERMAN 3 } SURVEY OF GERMAN LITERATURE** *Professor Rosenberg*  
4 }

Study and reading of the masterpieces of German literature. Individual reports. The course is conducted in German.

Prerequisite: German 1-2.

Three hours.

**GERMAN 7 } INTRODUCTION TO SCIENTIFIC GERMAN** *Professor Rosenberg*  
8 }

Essentials of German grammar, elementary reading in scientific German, and translation. This elective course is for students majoring in the sciences who wish a working knowledge of scientific German.

Three hours.

**(GERMAN 9 SCIENTIFIC GERMAN**  
10

Prerequisite: German 1-2.

Two hours.)

**(GERMAN 11 CONTEMPORARY GERMAN LITERATURE**

A survey of German literature from 1880-1930. Lectures and reports.

Prerequisite: German 2 or equivalent.

Three hours.)

- GERMAN 12 GOETHE'S FAUST *Professor Rosenberg*  
 A study of Goethe's masterpiece.  
 Prerequisite: German 2 or equivalent. Three hours.
- (GERMAN 13 GERMAN NOVEL AND SHORT STORY OF THE NINETEENTH CENTURY  
 Three hours.)
- (GERMAN 14 GERMAN LYRICS AND BALLADS  
 Three hours.)
- GERMAN 15 GERMAN CLASSIC DRAMA *Professor Rosenberg*  
 Prerequisite: German 2 or equivalent. Three hours.
- GERMAN 16 GERMAN DRAMA OF THE NINETEENTH CENTURY *Professor Rosenberg*  
 Prerequisite: German 2 or equivalent. Three hours.
- (GERMAN 17 GOETHE  
 A survey of the poet's life and excerpts from his principal works.  
 Prerequisite: German 2 or equivalent. Two hours.)
- (GERMAN 21  
 22 ADVANCED COMPOSITION  
 Two hours.)
- (GERMAN 23 ADVANCED READING IN LITERATURE, PHILOSOPHY,  
 24 HISTORY AND THEOLOGY  
 Prerequisite: German 3. Two hours.)

### GREEK AND LATIN

*Professor Floch*

*Dr. Halberstadt*

A student majoring in Classical Languages is required to take two years of Latin (not including 01-02) and two years of Greek; also such additional courses, not exceeding 15 credits, as may be prescribed by the instructor in each individual case.

- GREEK 11 } ELEMENTARY GREEK *Professor Floch*  
 12 }
- Greek as a world language, its historical development, linguistic relationship and significance, alphabet, pronunciation, accentuation, morphology, semantics, syntax, vowel-system and consonantism. Greek elements in English and scientific terminology. Studies of etymology. Reading of easy prose and poetry. In the second term selections from the Septuagint, Philo, or Josephus. Three hours.
- GREEK 13 } HOMER *Professor Floch*  
 14 }
- Selections from the Iliad and Odyssey. Study of Homeric dialect and question. Cretan-Mycenean culture, and archeological findings.  
 Prerequisite: Greek 11-12. Three hours.
- GREEK 15 PLATO  
 One complete dialogue or selections from Apology, Crito and Phaedo. Continued review of historical grammar, Greek culture and philosophy of life.  
 Prerequisite: Greek 14. Three hours.
- GREEK 16 GREEK DRAMA  
 One play of Sophocles or Euripides. Origin and development, content and form of the Greek drama and its influence upon modern literature. Stage antiquities.  
 Prerequisite: Greek 15. Three hours.

LATIN 01 } AN INTRODUCTION TO LINGUISTIC SCIENCE THROUGH  
 02 } LATIN *Professor Floch*

The purpose of the course is to acquaint the student with the subject, method, and problems of the science of General Language through an intensive study of Latin as the central language of the Italic dialects and one of the most important branches of Indo-European. The criteria of linguistic relationship, classification of language and its different types are discussed on the basis of the characteristics of the Latin nominal and verbal system. Emphasis is upon a scientific approach to and the biological aspect of phonetics, morphology, semantics, and syntax. The close contact with the requirements of strict scientific etymology will help the student to a better understanding of English words and scientific terms of Latin origin. In the second term selections from Martial or Tacitus' *Historiae* are read.

Three hours.

LATIN 1 } THE ROMAN EPIC AND VIRGIL *Professor Floch*  
 2 }

A survey of Roman epic poetry as reflected in the fragments of Ennius and the works of Lucretius and Virgil, tracing the development of Roman literature from the earliest records to its culmination in the *Aeneid* of Virgil. Character, development and influence of the Roman Epic and its social backgrounds. Studies of Latin prosody in its historical development, and continued review of historical grammar.

Prerequisite: Latin 01-02, or two years of high school Latin. Three hours.

LATIN 3 CICERO'S PHILOSOPHICAL WRITINGS *Dr. Halberstadt*

The term is devoted to the reading of one of Cicero's philosophical essays, *De Senectute*, *De Amicitia*, *De Officiis*, or *Somnium Scipionis*. Continued study of the organization of the Roman empire, Roman philosophy of life, Roman culture and its influence upon modern civilization.

Prerequisite: Latin 1-2.

Three hours.

LATIN 4 HORACE AND HIS POETRY *Dr. Halberstadt*

Some of the more personal Satires are read as an introduction to his work. The greater part of the term is given to the detailed study of his Odes and Epodes. Continued survey of Latin prosody and phonetics. Comments upon social problems of the Roman world.

Prerequisite: Latin 3.

Three hours.

### HEBREW

*Professor P. Churgin*  
*Mr. Arfa*

*Associate Professor G. Churgin*  
*Mr. Mirsky*

A student majoring in Hebrew is required to take 18 credits in Hebrew, not including Hebrew 01-02, 1-2; also one year of Jewish Philosophy, two years of Jewish History, four years of Bible, and one-half year of Jewish Sociology. It is recommended that the required foreign language be German or Greek.

HEBREW 01 } ELEMENTARY HEBREW *Mr. Arfa*  
 02 }

Essentials of grammar, elementary readings, and translation. This course is designed for students who have had little or no Hebrew. Three hours.

HEBREW 1 } INTERMEDIATE COURSE *Mr. Arfa, Mr. Mirsky*  
 2 }

Intensive review of the grammar, practice in composition and spoken Hebrew. Readings from modern Hebrew literature.

Prerequisite: Two years of High School Hebrew, Hebrew 02, or equivalent. Three hours.

HEBREW 3 } SURVEY OF HEBREW LITERATURE  
 4 } *Professor G. Churgin*

During the first semester reading of typical works of Hebrew authors and poets of the medieval period. During the second semester, reading of typical works of modern Hebrew authors and poets.  
 Prerequisite: Hebrew 1-2 or equivalent. Three hours.

HEBREW 11 MODERN HEBREW LITERATURE *Professor G. Churgin*  
 12

A study of the development of modern Hebrew Literature in the light of the movement for enlightenment and the national renaissance. Readings in Adam Hacoheh, Michal, Mapu, Gordon, Mendele, Ahad Ha'am, Bialik, Peretz, Frishman, Tschernichowsky. Three hours.

HEBREW 13 ADVANCED HEBREW GRAMMAR *Mr. Arfa*

Study of Hebrew syntax and grammar. The history of the Hebrew grammar. Varieties of constructions and idioms. Three hours.

HEBREW 14 ADVANCED HEBREW COMPOSITION *Professor G. Churgin*

A course in oral and written Hebrew, stressing contemporary usage. Frequent exercises in composition and conversation. Attention will be given to the needs of the particular student. Three hours.

HEBREW 15 THE MODERN HEBREW ESSAY *Professor G. Churgin*

The development of the modern Hebrew essay as reflected in the works of Krochmal, S. D. Luzatto, Smolenskin, Y. M. Pines, Ahad Ha'am, Zalman Epstein, Levinsky, Klatzkin, and Fichman. Three hours.

HEBREW 16 CONTEMPORARY HEBREW LITERATURE *Mr. Arfa*

Study of Hebrew literature between the two World Wars. Selected readings in prose and poetry from the works of Shneur, Kabak, Burla, Barash, Agnon, Shimonowitz, Shlonski, Shalom, and others. Three hours.

HISTORY

*Professor P. Churgin Professor Brody Associate Professor Grinstein  
 Associate Professor Hoening Dr. Bernstein Mr. Silverman*

A student majoring in History is required to take History 1-2, 24-25, 35-36, and 4 additional elective credits in History; also any four of the following: (1) Economics 11 (2) Philosophy 1-2 or 11 (3) Political Science 11 or 33 (4) Psychology 11 (5) Sociology 11.

HISTORY 1 } HISTORY OF CIVILIZATION *Professor Brody*  
 2 } *Mr. Silverman*

During the first semester, an outline is given of the cultural and material development of mankind from the dawn of history to the year 1500. During the second semester, the evolution of the political, economic, social and intellectual life of the world from the sixteenth century to the present time is traced. Three hours.

HISTORY 13 HISTORY OF ECONOMIC THOUGHT *Professor Brody*

For the description of this course, see Economics 13. Three hours.

HISTORY 14 MODERN AND CONTEMPORARY ECONOMIC THOUGHT *Professor Brody*

For the description of this course, see Economics 14. Three hours.

HISTORY 17 THE ANCIENT WORLD

The civilization of the ancient Near East: Mesopotamia, Egypt, and the Aegean.

Prerequisite: History 1-2. Two hours.

HISTORY 18 GREEK AND ROMAN CIVILIZATION

A survey of the major achievements of Greece and Rome in art, science, philosophy, and politics.

Prerequisite: History 1-2. Two hours.

## HISTORY 19 MEDIEVAL CIVILIZATION

Outstanding cultural, intellectual, and religious contributions, in the light of social and political developments, from the third to the thirteenth centuries.

Prerequisite: History 1-2.

Two hours.

## HISTORY 20 THE RENAISSANCE AND REFORMATION

A survey of the major political, intellectual and religious developments in Europe from the thirteenth to the seventeenth centuries.

Prerequisite: History 1-2.

Two hours.

## HISTORY 21 ENGLISH CONSTITUTIONAL HISTORY

For the description of this course, see Political Science 21.

## HISTORY 22 EUROPE IN THE 17TH AND 18TH CENTURIES

Prerequisite: History 1-2.

Two hours.

## HISTORY 23 EUROPE FROM 1789 TO 1870

Prerequisite: History 1-2.

Two hours.

## HISTORY 24 EUROPE FROM 1870 TO 1918 *Professor Brody*

This course surveys the important political, social and economic developments within the various states from the Franco-Prussian War to the First World War. The important international developments of the period, culminating in World War I, are reviewed.

Prerequisite: History 1-2.

Three hours.

## HISTORY 25 EUROPE SINCE 1918 *Professor Brody*

The political and economic conditions of the European nations and the post-war problems of reconstruction since World War I are studied in this course.

Prerequisite: History 24.

Three hours.

## HISTORY 33 THE UNITED STATES: COLONIAL PERIOD AND REVOLUTION

Two hours.

## HISTORY 35 HISTORY OF THE UNITED STATES, 1865-1900

*Professor Brody*

This course deals with the reconstruction of the United States after the Civil War and with the economic, political and social development of the country to the close of the century.

Three hours.

## HISTORY 36 HISTORY OF THE UNITED STATES SINCE 1900

*Professor Brody*

The economic development of the United States in the first half of the twentieth century, the emergence of the United States as a world power, and some of the significant domestic and foreign problems which confronted the country, constitute the subject matter of this course.

Three hours.

## HISTORY 101 } SURVEY OF JEWISH HISTORY *Professor Grinstein* 102 }

A survey of Jewish history from the Second Commonwealth until modern times.

Three hours.

## HISTORY 103 } ANCIENT JEWISH HISTORY 104 }

A history of the Jews during the Second Commonwealth and Talmudic Times.

Prerequisite: History 101-102.

Two hours.



HISTORY 105 }  
106 } MEDIEVAL JEWISH HISTORY *Professor P. Churgin*

A history of the Jews in medieval times with special emphasis upon the early and later codifiers of Jewish law.

Prerequisite: History 101-102.

Two hours.

HISTORY 107 }  
108 } MODERN JEWISH HISTORY *Professor P. Churgin*

A history of the Jews in modern times from the rise of religious centers in Eastern Europe to the formation of the State of Israel.

Prerequisite: History 101-102 or equivalent.

Two hours.

HISTORY 109 AMERICAN JEWISH HISTORY *Professor Grinstein*

A history of the Jews in the United States from the earliest times until 1860, with special emphasis upon social, cultural, and communal development.

Two hours.

HISTORY 110 AMERICAN JEWISH HISTORY *Professor Grinstein*

A history of the Jews in the United States from 1860 to the present, with special emphasis on the development of the Jewish community of New York.

Two hours.

## HYGIENE

*Associate Professor Freed*

HYGIENE 1 }  
2 } PERSONAL AND COMMUNITY HYGIENE  
*Professor Freed*

Study of the principles of personal and community health and hygiene, and their application to the individual and the various social units.

One hour.

## LATIN

(See GREEK AND LATIN)

## MATHEMATICS

*Professor Ginsburg* *Assistant Professor Lisman* *Mr. Block*

A student majoring in Mathematics is required to take 27 credits in Mathematics, not including Mathematics 01-02; also such additional courses, not exceeding 15 credits, as may be prescribed by the instructor in each individual case. The science required shall be Physics 1-2 unless another is allowed by the instructor.

MATHEMATICS 01 }  
02 } SURVEY OF MATHEMATICS  
*Professors Ginsburg, Lisman*

A popular exposition of the major ideas of elementary mathematics with little emphasis on technical proficiency. Review of elementary algebra; solution of equations; the function concept; logarithms; equations and graphs; trigonometric identities; permutations and combinations; the Binomial Theorem; collection and tabulation of statistical data; analytic geometry. This course is intended for students who do not expect to major in Science or Mathematics.

Three hours.

MATHEMATICS 1 } MATHEMATICAL ANALYSIS  
 2 } *Professor Ginsburg, Professor Lisman, Mr. Block*

This is a general survey course in mathematics covering the principles underlying and the rudiments of advanced algebra, analytical geometry, and differential calculus. 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. Three hours.

MATHEMATICS 11 CALCULUS *Mr. Block*  
 12

Differential and integral calculus, with consideration of their applications. Special methods of integration. The definite integral and its application in geometry, physics, and mechanics. Prerequisite: Mathematics 1-2. Three hours.

MATHEMATICS 13 DIFFERENTIAL EQUATIONS, ELEMENTARY COURSE *Mr. Block*

Ordinary differential equations. Applications to problems in physics and geometry. Prerequisite: Mathematics 11-12. Three hours.

MATHEMATICS 14 DIFFERENTIAL EQUATIONS, ADVANCED COURSE *Mr. Block*

Equations in more than two variables. Introduction to partial differential equations. Special problems. Prerequisite: Mathematics 13. Three hours.

MATHEMATICS 15 THEORY OF NUMBERS *Professor Ginsburg*  
 16

The properties of integers and the methods of algebra and calculus available in their study. Prerequisite: Mathematics 1-2. Three hours.

MATHEMATICS 17 PROJECTIVE GEOMETRY  
 18

An introductory course dealing with the principle of duality, harmonic ratios, homologous configurations and the application of their properties to curves of second order and class. Prerequisite: Mathematics 11. Three hours.

MATHEMATICS 19 THEORY OF EQUATIONS *Professors Ginsburg, Lisman*  
 20

Properties of polynomials, Graphic representation. Maximum and minimum values. Roots of equations, real and imaginary. Rule of signs. Limits of roots. Roots and coefficients. Symmetric functions of the roots. Transformation of equations. Solutions of equations. Determinants. Prerequisite: Mathematics 1-2. Three hours.

MATHEMATICS 21 } HISTORY OF MATHEMATICS *Professors Ginsburg, Lisman*  
 22 }

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. Prerequisite: Mathematics 1-2. Three hours.

**MATHEMATICS 23**      **ADVANCED CALCULUS**  
 24

Review of the fundamental rules. Theorems on limits and sets of points. Summation and Integration. Taylor's Formula and Allied Topics. Applications. Partial Differentiation. Functional Determinants. Envelopes of curves and surfaces. Functions of a complex variable. Vectors, sums and products. Curvilinear or line Integrals. The Gamma and Beta Functions. Infinite Series.

Prerequisite: Mathematics 11-12.

Three hours.

**MATHEMATICS 25**      **RECREATIONAL MATHEMATICS**  
 26

Mathematics as a source of pleasure. The role played by recreational problems in the development of mathematics. Zeno's paradoxes. Number pleasantries in ancient literature. Magic squares and cubes. Short-cuts in mathematical operations. Problems with match sticks and coins. Mathematics in nature. Art and mathematics. Mathematical games, puzzles and fallacies. Poetry of mathematics. The use of recreational mathematics in teaching.

Prerequisite: Mathematics 1-2.

Two hours.

**MATHEMATICS 27**      **THEORY OF FUNCTIONS**      *Professor Lisman*  
 28

Functions of the complex variable, with geometric and physical applications.

Prerequisite: Mathematics 11-12.

Three hours.

**MATHEMATICS 31**      **ACTUARIAL MATHEMATICS**      *Professor Ginsburg*  
 32

Summation by finite differences. A review of related topics in advanced algebra and calculus. Choice and chance. Elementary theorems in probability and statistics.

Prerequisite: Mathematics 1-2.

Two hours.

**MATHEMATICS 35 }      **VECTOR ANALYSIS****

36 }

Graphical representation of vectors. Elementary operations. Vector equations. Scalar and vector fields and products. Differentiation and integration of vector functions. Differential operators. Practical applications.

Prerequisite: Mathematics 11-12.

Two hours.

**PHILOSOPHY**

*Professor Jung*

*Professor Litman*

*Mr. Drazin*

A student majoring in Philosophy is required to take Philosophy 1-2, 11, 12, 21, 31; also Psychology 11, Mathematics 1-2, and either Physics 1-2 or Chemistry 1-2 or 1a-2a. The following are also recommended: History 1-2, Political Science 27, 28 and Sociology 11.

**PHILOSOPHY 1 }      **HISTORY OF PHILOSOPHY**      *Professor Litman*  
 2 }**

A survey of the most significant types of thought from Thales to Francis Bacon. The emphasis in this course will be placed upon Plato, Aristotle, Augustine and Aquinas.

Three hours.

**PHILOSOPHY 11**      **MODERN PHILOSOPHY**      *Professor Litman*

A study of the main philosophical movements from Bacon through Spencer: idealism, positivism, Darwinian naturalism.

Three hours.

PHILOSOPHY 12 CONTEMPORARY PHILOSOPHY *Professor Litman*

The chief contribution of such philosophers as Bergson, James, Dewey, Russell, Santayana and Whitehead, will be studied.

Prerequisite: Philosophy 11.

Three hours.

PHILOSOPHY 21 LOGIC AND SCIENTIFIC METHOD *Professor Litman*

In this course, a careful study will be made of inductive and deductive logic.

Three hours.

PHILOSOPHY 23  
24 PHILOSOPHY OF SCIENCE

For the description of this course see Chemistry 23, 24. Two hours.

PHILOSOPHY 25  
26 PROBLEMS IN THE PHILOSOPHY OF SCIENCE

For the description of this course see Chemistry 25, 26. Two hours.

PHILOSOPHY 31 POLITICAL AND SOCIAL PHILOSOPHY

*Professor Litman*

A survey of political and social theories from Aristotle to the present day. The course will concern itself with the analysis of the various interpretations of history, the nature of man, the relation of ethics to politics, and the historical functions of the state.

Prerequisite: Philosophy 1-2, 11, 21.

Three hours.

PHILOSOPHY 53  
54 GENERAL ETHICS

Study of selected ethical texts from Socrates to Kant, and their history and development. Lectures, discussions, and comparative studies.

Three hours.

PHILOSOPHY 55  
56 SOCIAL ETHICS

*Professor Jung*

Such topics as capital and labor; the brotherhood of man; ethics of marriage; ethics of business; pursuit of love, truth, and peace; and the Kingdom of God will be studied from the philosophical and functional points of view.

Three hours.

PHILOSOPHY 101 } INTRODUCTION TO JEWISH PHILOSOPHY  
102 }

*Professor Jung*

Exposition and discussion of Jewish ethical ideals; relation of man to God, and of man to man; the distinctive ideals of Judaism.

One hour.

PHILOSOPHY 103  
104 FOUNDATION OF JUDAISM

*Mr. Drazin*

A survey of some fundamental Jewish concepts in the Bible, Talmudic and Midrashic literature, and medieval Jewish philosophy. Study of selected philosophical texts.

Prerequisite: Philosophy 101-2.

Two hours.

PHILOSOPHY 105  
106 JEWISH ETHICS AND PHILOSOPHY *Professor Jung*

Prerequisite or corequisite: Philosophy 101-2.

Two hours.

## PHYSICAL EDUCATION

*Associate Professor Hurwitz*

Physical Education must be taken every semester of attendance at Yeshiva College. Students with physical handicaps will be assigned to special sections. No student may take more than one course in any semester, nor more than a total of eight credits.

### PHYSICAL EDUCATION 1 TO 8

*Professor Hurwitz*

Gymnasium activity, swimming, sports and First Aid.

Two hours, one-half credit each semester.

### PHYSICAL EDUCATION 11 TO 18 RECREATIONAL LEADERSHIP

*Professor Hurwitz*

For students interested in organizing, supervising and directing physical education and recreational activities through practice; for those interested in further developing skills in physical education (Swimming—First Aid); for those interested in advanced game and creative recreations for use in camps, clubwork and center activities.

One hour; one or two laboratory hours; one or two credits.

## PHYSICS

*Professor Lowan*

*Dr. Meyers*

*Mr. Posen*

*Mr. Gross*

A student majoring in Physics is required to take 26 credits in Physics; also Mathematics 1-2, 11, 12 and Chemistry 1-2. Students contemplating graduate work in Physics should take as many of the following courses as possible: Mathematics 13, 14, 23, 24, 35-36.

### PHYSICS 1 } 2 } GENERAL PHYSICS

*Mr. Posen*

A study of the general principles of statics, kinematics, hydrostatics, heat, sound, light, electricity and magnetism. Stress is laid on laboratory work designed to help the student acquire the mastery of the general principles of physics.

Three hours; three laboratory hours; four credits.

### PHYSICS 11 ANALYTICAL MECHANICS

12

*Professor Lowan*

Statics: Composition of forces; equilibrium of a particle and of rigid bodies; centroids, cables, frames, etc.

Kinematics: Cartesian, radial and transversal, tangential and normal components of velocity and acceleration.

Dynamics: Newtonian laws of motion; work and energy; motion of particle in a resisting medium; simple harmonic motion; free and forced vibration of damped linear oscillator; planetary motion and related topics; motion of translation and rotation of rigid bodies.

Prerequisite: Physics 1-2, or Mathematics 11, 12.

Three hours.

### PHYSICS 13 ELECTRICITY AND MAGNETISM

14

*Professor Lowan*

Electrostatics and magnetostatics with emphasis on methods of solution (electrical images, inversion, conjugate functions); direct currents, study of D.C. generators and motors; flow of alternating currents in circuits containing resistance, inductance and capacity; electrical resonance; study of A.C. generators and motors; electrical measurements; motion of electrons in electric and magnetic fields; electromagnetic waves and related topics.

Prerequisite: Physics 1-2.

Three hours.

**PHYSICS 15 ELEMENTS OF KINETIC THEORY AND THERMO-DYNAMICS** *Professor Lowan*

An elementary exposition of the principles of the kinetic theory of matter (particularly gases); first and second laws of thermodynamics; the concept of entropy and related topics.

Prerequisite: Physics 1-2.

Three hours.

**PHYSICS 16 INTRODUCTION TO MODERN PHYSICS** *Professor Lowan*

An elementary exposition of the electron theory, cathode rays, x-rays, radio activity, quantum theory and the theory of relativity.

Prerequisite: Physics 1-2.

Three hours.

**PHYSICS 17 LIGHT** *Professor Lowan*

Principles of geometric and physical optics; Huygen's principle; reflection, refraction, dispersion, interference, diffraction and polarization of light; magneto-optics; electro-optics; optical instruments.

Prerequisite: Physics 1-2.

Three hours.

**PHYSICS 18 SOUND** *Professor Lowan*

Theory of vibrations with application to the study of vibrations of strings, reeds, diaphragms and pipes; Doppler effect, reflection, interference and diffraction of sound waves; sound instruments.

Prerequisite: Physics 1-2.

Three hours.

**PHYSICS 21 LABORATORY COURSE IN ELECTRICITY** *Mr. Posen*

Experiments include work in electrical measurements, thermo-electric and photo-electric effects, resonant circuits, characteristics of vacuum tubes and applications.

Prerequisite: Physics 1-2.

Four hours; two credits.

**PHYSICS 22 LABORATORY COURSE IN OPTICS** *Dr. Meyers*

Elementary experiments in photometry, polarization and spectroscopy; miscellaneous optical measurements.

Prerequisite: Physics 1-2.

Four hours; two credits.

**PHYSICS 23 LABORATORY COURSE IN ACOUSTICS**

Experiments on the propagation of sound waves in solids, liquids and gases; vibrating strings, plates and bars; measurement of velocity, frequency and wave length; interference, resonance in open and closed air columns; absorption of sound, etc.

Prerequisite: Physics 1-2.

Four hours; two credits.

**PHYSICS 24 ELECTRONICS** *Mr. Posen*

Study of thermionic tubes and their use as detectors, amplifiers, oscillators, electrometers, etc.; photoelectricity, cathode rays; excitation and ionization of gases by electrons and gas discharge phenomena.

Prerequisite: Physics 1-2.

One lecture and two laboratory hours; two credits.

## POLITICAL SCIENCE

*Associate Professor Margalith*

*Mr. Rackman*

A student majoring in Political Science is required to take Political Science 11 and 18 additional credits in Political Science; also any four of the following: (1) Economics 11 (2) History 1-2 or 35, 36 (3) Philosophy 1-2 or 11 (4) Psychology 11 (5) Sociology 11.

### POLITICAL SCIENCE 11 AMERICAN GOVERNMENT

*Professor Margalith*

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.

### POLITICAL SCIENCE 12 CONSTITUTIONAL DEVELOPMENT OF THE UNITED STATES

*Professor Margalith*

A thorough study of the Constitution of the United States, its inspiration, adoption, interpretation, and development. The Supreme Court and the Constitution. The development, organization, and activity of political parties. State and Federal government. Discussion of and reports on leading constitutional cases. Three hours.

### POLITICAL SCIENCE 13 HISTORY OF AMERICAN DIPLOMACY

*Professor Margalith*

In this course, the history of the foreign policy of the United States is traced from the French Alliance, 1775-1778, to the present period. The basic conditions and forces that help fashion our diplomacy are discussed and analyzed. Special attention is given to the rise of the United States as a world power with its duties and opportunities. The text book is supplemented by lectures and students' reports. Three hours.

### (POLITICAL SCIENCE 21 ENGLISH CONSTITUTIONAL HISTORY

This course deals with the legal and governmental institutions of the Anglo-Saxon; effects of the Norman Conquest; the rise of the Tudors; and the English Constitutional development up to the present time. Three hours.)

### POLITICAL SCIENCE 25 HISTORY OF POLITICAL THEORY

*Mr. Rackman*

This course traces the history of thought concerning the nature and role of the state from ancient times to Machiavelli. Special attention is given to theories of law and justice. Two hours.

### POLITICAL SCIENCE 26 HISTORY OF POLITICAL THEORY

*Mr. Rackman*

This course traces the history of thought concerning the nature and role of the state from Machiavelli to the present with special attention to the influence of such thought on the establishment and development of American government. Two hours.

### POLITICAL SCIENCE 27 28 JURISPRUDENCE

*Mr. Rackman*

During the first semester the topics of study will be; significance of philosophy for the Law; sources and authoritative forms of the Law; analysis of concepts of property, contract, tort and crime. During the second semester general theories of the Law will be studied, e.g., the natural law, historical school, utilitarian and other theories, and the nature of the judicial process. Prerequisite: One year of philosophy or one year of political science.

Two hours.

## POLITICAL SCIENCE 32 COMPARATIVE GOVERNMENT

*Professor Margalith*

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.

Prerequisite: Political Science 11.

Three hours.

## POLITICAL SCIENCE 33 INTERNATIONAL RELATIONS

*Professor Margalith*

International organizations and the factors contributing to the rise of international government. The United Nations and its functions. Wide reading and reports.

Three hours.

## POLITICAL SCIENCE 34 INTERNATIONAL LAW *Professor Margalith*

The nature, scope, sources, subjects and objects of international law. The procedural Law of Intervention and the Law of World Organization.

Prerequisite: Political Science 11.

Three hours.

## PSYCHOLOGY

*Mr. Adler*

A student majoring in Psychology is required to take 18 credits in Psychology, not including Psychology 11. Students contemplating graduate work in Psychology should take German or French as their required language.

Students are also advised to take as many of the following courses as possible: Physics 1-2, Biology 1-2, and either Mathematics 11, 12 (for students interested in experimental psychology) or Sociology 11, 12 (for students interested in clinical psychology).

## PSYCHOLOGY 11 GENERAL PSYCHOLOGY

A survey of the essential facts and theories of psychology, aimed at giving the student a thorough grounding in the science and acquainting him with scientific method and techniques used in psychology.

Three hours.

## PSYCHOLOGY 13 TESTS AND MEASUREMENTS

An introduction to the theory and method of measuring human behavior. Attention will be given to the construction and evaluation of tests of abilities, aptitudes, achievement, attitudes and adjustment.

Prerequisites: Psychology 11 and Sociology 15

Three hours.

## PSYCHOLOGY 16 EDUCATIONAL PSYCHOLOGY

An extension of the basic principles of psychology, with special emphasis on applications in the field of education.

Prerequisite: Psychology 11.



## PSYCHOLOGY 19 EXPERIMENTAL PSYCHOLOGY I

This course presents the chief problems, methods and results of experimental psychology. Students carry out representative experiments on animals and humans.

Prerequisite or corequisite: Psychology 11.

One hour; three laboratory hours; three credits.

An elementary laboratory fee is charged.

## PSYCHOLOGY 20 EXPERIMENTAL PSYCHOLOGY II

The student is introduced to systematic points of view in psychology. Experiments are carried out and evaluated in the light of modern theories.

Prerequisite: Psychology 19. One hour; three laboratory hours; three credits.

An elementary laboratory fee is charged.

## PSYCHOLOGY 23 ABNORMAL PSYCHOLOGY

A survey of the field of mental disorder and abnormal behavior. Emphasis will be placed on experimental studies and their interpretations, diagnostic and therapeutic techniques, and mental hygiene.

Prerequisite: Psychology 11.

Three hours.

## PSYCHOLOGY 31 SOCIAL PSYCHOLOGY

This course examines cultural and group influences upon the individual and his participation in society. Contributions from psychology are integrated with results from sociology, anthropology and psychiatry.

Prerequisite: Psychology 11.

Three hours.

## PSYCHOLOGY 32 PHYSIOLOGICAL PSYCHOLOGY

A study of the relationships between physical structure and psychological functions. Special attention is given to the basic characteristics of nerve activity, to reflex systems, the integrative action of the nervous system, and the study of brain function, as they relate to sensation, perception, emotion, motivation, learning, and complex processes.

Prerequisite: Psychology 11.

Three hours.

## PSYCHOLOGY 33 PSYCHOLOGY OF PERSONALITY

The structure and dynamics of the human personality in the light of experimental evidence and theory.

Prerequisite: Psychology 11.

Three hours.

## PSYCHOLOGY 34 COMPARATIVE PSYCHOLOGY

A study of behavior at different levels of the animal scale. The important techniques will be considered and the results integrated into behavior theory.

Prerequisite: Psychology 11.

Three hours.

## SOCIOLOGY

*Professor Abel*

*Professor Lookstein*

*Mr. Goldberg*

### SOCIOLOGY 11 ELEMENTS OF SOCIOLOGY

The 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.

### SOCIOLOGY 12 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. Special 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.

### (SOCIOLOGY 13 COMMUNITY ORGANIZATION

Three hours.)

### SOCIOLOGY 14 METHODS OF SOCIAL RESEARCH *Mr. Goldberg*

Discussion of the use of the schedule, questionnaire, interview, case method and autobiographies; the measurement of attitudes; public opinion polls; sampling, census; statistical analysis; social surveys and community studies. Three hours.

### SOCIOLOGY 15 STATISTICS *Mr. Goldberg*

This course is designed to acquaint the student with the basic principles and methods of statistics; measures of central tendency, dispersion, skewness, normal curve, correlation, index numbers, time series, variance, tests of reliability and significance; the collection and interpretation of statistical data. Three hours.

### SOCIOLOGY 17 THE FAMILY *Mr. Goldberg*

Historical backgrounds and family types; changes in the functions of the family; marital adjustment and intrafamily relationships; broken homes; psychological and sociological significance of family; family and the development of personality; brief history of the American family.

Two hours.

### SOCIOLOGY 18 CRIMINOLOGY *Mr. Goldberg*

Extent of juvenile delinquency and crime; psychological traits of delinquents and criminals; their economic and social environment and educational background; treatment of criminals and juvenile delinquents; prevention of crime and delinquency. Two hours.

### SOCIOLOGY 19 URBAN SOCIOLOGY *Mr. Goldberg*

Rise and development of urban communities and metropolitan centers. Types of cities. Ecological, demographic, economic and social characteristics. Urban dominance. Patterns of interaction. Social structure and control. Personality types. City planning and its social implications. Two hours.

### SOCIOLOGY 20 ETHNIC GROUPS IN THE UNITED STATES

*Mr. Goldberg*

Ethnic and religious composition of the American population; adjustment of minority groups to dominant culture; intergroup relations and tensions; economic, social, educational, and political opportunities of Negroes, Jews, and others; nature and cause of prejudice; public policies and proposed solutions of ethnic problems. Three hours.

SOCIOLOGY 21 PRINCIPLES OF DEMOGRAPHY *Mr. Goldberg*

Study of population trends, birth and death rates, morbidity, migration; social causes and implications; population and natural resources; collection, analysis and interpretation of demographic data; population theories and policies. Three hours.

SOCIOLOGY 23 SOCIOLOGICAL THEORIES *Mr. Goldberg*  
24

A survey of sociological theories before the 19th century and an analysis and evaluation of leading sociological schools and systems since Auguste Comte. Two hours.

SOCIOLOGY 31 SOCIOLOGY OF THE JEWS *Professor Lookstein*

An examination of the nature of the Jewish problem in diaspora since the Emancipation. The varieties of Jewish nationalism. Political Zionism, its structure, history and achievements. The different versions of Judaism such as Orthodox, Conservative, Reformist, Reconstructionist and Secularist. The causes and effects of assimilation. Two hours.

SOCIOLOGY 32 THE JEWISH COMMUNITY IN THE UNITED STATES

*Professor Lookstein*

The subject matter of this course is the Jewish community in the United States—its needs, agencies and problems. A comprehensive appraisal will be made of the agencies that deal with the educational, religious and philanthropic needs of the community. Occasional special lectures will be delivered by representatives of these agencies. Two hours.

SPANISH

*Assistant Professor Sas* *Associate Professor Chernowitz*

SPANISH 01 } ELEMENTARY SPANISH *Professors Sas, Chernowitz*  
02 }

Essentials of grammar, elementary reading, and translation. This course is designed particularly for students who have had no high school work in Spanish, but wish to acquire a reading knowledge of the language.

Three hours.

SPANISH 1 } INTERMEDIATE COURSE *Professors Sas, Chernowitz*  
2 }

A rapid review of grammar, exercises in reading, writing and speaking Spanish. Short stories by contemporary Spanish writers and a masterpiece of modern Spanish literature will be read.

Prerequisite: Two years of high school Spanish, or Spanish 02.

Three hours.

SPANISH 3 } SURVEY OF SPANISH LITERATURE *Professor Sas*  
4 }

Study of the most important works in Spanish of the nineteenth century. A survey of the culture of Latin America. Outside reading and reports.

Prerequisite: Spanish 1-2.

Three hours.

SPEECH

*Associate Professor Damon* *Assistant Professor Ryan*  
*Assistant Professor Tauber* *Mr. Redisch*

SPEECH 01 SPEECH CORRECTION

This course is offered for those students who have special difficulties with particular speech sounds, voice inadequacies, foreign accent or nervous disorders of speech. No credit.

## SPEECH 1 FUNDAMENTALS OF SPEECH

The development of acceptable American speech is the aim of this course. Each student's speech will be analyzed, defects pointed out, and suggestions for improvement made. Sufficient study of breathing, voice production, and other aspects of speech will be made to form a sound basis for practical development.

Two hours; one credit.

## SPEECH 2 ADVANCED SPEECH FUNDAMENTALS

Problems of delivery and platform performance will be stressed while the development of good speech habits continues.

Prerequisite: Speech 1.

Two hours; one credit.

## SPEECH 3 EXTEMPORANEOUS SPEAKING

This course is devoted to instruction and practice in the preparation and delivery of extemporaneous speeches. The aim is to develop the student's capacity to think before an audience and to express himself clearly and forcefully.

Prerequisite: Speech 2.

Two hours.

## SPEECH 4 GROUP DISCUSSION

The purpose of this course is to analyze controversial questions and to provide practice in the techniques of group discussion and leadership with training parliamentary conduct of meetings.

Prerequisite: Speech 3.

Two hours.

## (SPEECH 13 SPEECH COMPOSITION

This course involves an analysis of the forms of representative types of speeches. This study will serve as the basis for practice in delivering various types of speeches.

Prerequisite: Speech 4.

Two hours.)

## SPEECH 14 PARLIAMENTARY PRACTICE

A study of parliamentary procedure leads to practice in the conduct of meetings. Programs on various topics provide experience in the preparation and delivery of carefully planned talks as well as impromptu speaking.

Prerequisite: Speech 4.

Two hours.

## SPEECH 15 VOICE AND DICTION FOR FUTURE TEACHERS AND SPEAKERS

Designed for those who are desirous of bringing their oral English up to the standards demanded by Boards of Education and the public speaking platform. Drill work with voice, articulation, pronunciation, and diction. Individual exercises will be stressed.

Prerequisite: Speech 4.

Two hours.

## (SPEECH 18 ADVANCED PUBLIC SPEAKING

Practice in extemporaneous speaking, with emphasis on the improvement of vocal quality and the effectiveness of speech through the resources of the personality of the individual.

Prerequisite: Speech 4.

Two hours.)

## SCRIPTA MATHEMATICA

A quarterly journal devoted to the philosophy, history and expository treatment of mathematics, edited by Professor Jekuthiel Ginsburg of Yeshiva College, with the cooperation of Professor Raymond Clare Archibald of Brown University; Professor Eric Temple Bell of the California Institute of Technology; Professor Carl B. Boyer of Brooklyn College; Professor Adolf Fraenkel of the Hebrew University, Jerusalem; Professor Louis Charles Karpinski of the University of Michigan; Professor Edward Kasner, Columbia University; Professor Maurice Kaitchik of the University of Brussels; Professor Gino Loria of the University of Genoa; Professor William D. Reeve of Teachers College, Columbia University; Professor Lao Genevra Simons of Hunter College.

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.

### SCRIPTA MATHEMATICA PUBLICATIONS

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This series deals with the history and philosophy of mathematics, and with its relation to the other great activities of the human spirit. Each volume contains at least 96 pages. Like the "Scripta Mathematica," the volumes are designed to furnish material which will interest not only students and teachers of mathematics, but also all who would like to resume the contact they had with the subject in their school or college days.

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- I-II. Portraits of Eminent Mathematicians, with biographies by David Eugene Smith. Portfolios 1 and 2.
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Visual Aids in the Teaching of Mathematics, 90 single plates illustrating various phases of mathematics.

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## RECIPIENTS OF HONORARY DEGREES

- Dr. John Huston Finley,\* Editor, The New York Times, Doctor of Humane Letters (1933).
- Honorable Herbert H. Lehman, Governor of the State of New York, Doctor of Humane Letters (1933).
- Professor Albert Einstein, Institute for Advanced Study, Princeton, New Jersey, Doctor of Humane Letters (1934).
- Honorable Samuel Levy, President, Borough of Manhattan, New York City, Doctor of Laws (1934).
- Honorable Otto A. Rosalsky,\* Judge of the Court of General Sessions, New York, Doctor of Laws (1934).
- Honorable Benjamin N. Cardozo,\* Associate Justice of the United States Supreme Court, Doctor of Humane Letters (1935).
- Dr. David Eugene Smith,\* Professor Emeritus of Mathematics, Columbia University, Doctor of Humane Letters (1936).
- Dr. Paul Klapper, President, Queens College, Flushing, New York, Doctor of Humane Letters (1938).
- Dr. Frank Pierrepont Graves, President of the University of the State of New York, and Commissioner of Education, Doctor of Humane Letters (1940).
- Rabbi Herbert S. Goldstein, Professor of Homiletics, Yeshiva University, and Rabbi, West Side Institutional Synagogue, New York, Doctor of Divinity (1941).
- Rabbi Bernhard L. Levinthal, member of the Praesidium, Union of Orthodox Rabbis of the United States and Canada, and Rabbi of the United Orthodox Congregation, Philadelphia, Pennsylvania, Doctor of Divinity (1941).
- Dr. Nelson Prentiss Mead, Professor of History and formerly Acting President of the College of the City of New York; Professor of History, Yeshiva College, 1928-1938, Doctor of Humane Letters (1941).
- Rabbi Aaron Mordecai Ashinsky, Pittsburgh, Pennsylvania, Doctor of Divinity (1942).
- Professor Cassius Jackson Keyser,\* Adrian Professor Emeritus of Mathematics, Columbia University, Doctor of Humane Letters (1942).
- His Excellency Jan Masaryk,\* Minister of Foreign Affairs and Vice-Premier of the Czechoslovak Government, Doctor of Laws (1942).
- Dr. Enoch George Payne, Dean, School of Education, New York University, Doctor of Humane Letters (1943).

- Honorable Wilbur Lucius Cross,\* Dean Emeritus, Yale Graduate School, Doctor of Laws (1943).
- Rabbi Isaac Rubinstein,\* Chief Rabbi of Vilna, Doctor of Divinity (1944).
- Honorable Harlan Fiske Stone,\* Chief Justice of the United States Supreme Court, Doctor of Laws (1944).
- Dr. Jacques Hadamard, Professor, College de France, Doctor of Humane Letters (1944).
- Rabbi Menachem M. Kasher, Editor of the Talmudic Midrashic Encyclopedia of the Pentateuch, Doctor of Divinity (1946).
- Dr. Mordecai Nurok, Former Chief Rabbi of Latvia and Member of the Latvian Parliament, Doctor of Divinity (1946).
- Dr. George D. Stoddard, President of the University of the State of New York and Commissioner of Education, Doctor of Laws (1946).
- Dr. Earl G. Harrison, Dean, University of Pennsylvania Law School, Doctor of Humane Letters (1947).
- Bernard Baruch, Doctor of Laws (1947).
- Honorable Henry Morgenthau, Former Secretary of the Treasury, Doctor of Humane Letters (1948).
- Dr. Selman A. Waksman, Professor of Microbiology, Rutgers University, Doctor of Laws (1948).
- Rabbi Joseph H. Lookstein, Professor of Sociology, Yeshiva College and Rabbi, Kehilath Jeshurun, New York, Doctor of Divinity (1949).
- Dr. James Bryant Conant, President, Harvard University, Doctor of Laws (1949).
- Dr. J. Hillis Miller, President, University of Florida, Doctor of Humane Letters (1949) .
- Dr. Benjamin Fine, Education Editor, The New York Times, Doctor of Humane Letters (1949).
- Rabbi Leo Jung, Professor of Ethics, Yeshiva College, and Rabbi, The Jewish Center, New York, Doctor of Divinity (1949).
- Dr. Joseph J. Schwartz, European Director, Joint Distribution Committee, Doctor of Humane Letters (1949).
- Rabbi Jacob Levinson, Brooklyn, New York, Doctor of Divinity (1949).
- Dr. Alvin Johnson, President Emeritus, The New School for Social Research, Doctor of Humane Letters (1950).
- Honorable Harry E. Kalodner, Judge, U. S. Circuit Court of Appeals, Philadelphia, Doctor of Humane Letters (1950).
- Dr. Harry Austryn Wolfson, Nathan Littauer Professor of Hebrew Literature and Philosophy, Harvard University, Doctor of Humane Letters (1950).

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\* Deceased.



## RECIPIENTS OF THE BACHELOR OF ARTS DEGREE

- Abel, Solomon '38  
 Abelow, Aaron '44  
 Abramowitz, Meyer '41  
 Abrams, Jerry '48  
 Ackerman, Jack '41  
 Adams, Theodore '36  
 Adelman, Samuel '38  
 Adler, Jacob '46  
 Adler, Joseph '41  
 Agus, Jacob '33  
 Appel, Gershon '38  
 Applbaum, J. Shelley '44  
 Applbaum, Martin Louis '48  
 Appleman, Joseph '47  
 Appleman, Morris '45  
 Aranov, Maurice Moshe '47  
 Aranoff, Hyman '36  
 Arian, Philip Manuel '50  
 Arond, Lionel '43  
 Aronowsky, Meyer '48  
 Aronson, Seymour '50  
 Atkin, Abraham '44  
 Auerbach, Bernard '45  
 Auerbach, Leo '44  
 Augenstein, Milton '50  
 Avrech, Abraham '40  
 Avrutick, Abraham Noah '34  
 Azneer, Leonard H. '41
- Baer, Aaron '43  
 Barasch, Philip '37  
 Bard, Isaiah '40  
 Beck, Jacob '50  
 \*Beckerman, Meyer '45  
 Beer, Samuel '41  
 Bell, Morris H. '44  
 Bennett, Ephraim '37  
 Berger, Herbert '46  
 Berger, Morris '47  
 Berkovitz, Julius '48  
 Berkowitz, Ralph Harold '47  
 Berman, Sholem '46  
 Bernfeld, Benjamin '38  
 Bernstein, Louis '47  
 Bernstein, Michael '36  
 Berzon, Bernard '35  
 Besdin, Abraham '45  
 Besdin, Morris '36  
 Blass, Jerome '44  
 Blatt, Jacob '48  
 Blech, Samuel '45  
 Bloch, Menachem '47  
 Block, Asher '35  
 Block, Daniel '46  
 Block, Zelick Lionel '43  
 Bloom, Elihu Hyman '39  
 Bloom, Samuel '46  
 Bolinsky, Harry '43  
 Brand, Philip '33  
 Brandes, Abraham A. '37  
 Bronstein, Jacob '40  
 Bronznick, Norman '44
- Brown, Barry S. '50  
 Brussel, Marvin Alfred '50  
 Buchman, Abraham '50  
 Bulman, Nathan '46  
 Bunim, Melvin Amos '50
- Caplan Philip Judah '48  
 Chanover, Hyman '41  
 Charney, Lawrence '38  
 Charney, Wolfe '37  
 Charny, Carmi '46  
 Chernofsky, Morris I. '43  
 Chiel, Arthur Abraham '43  
 Chinitz, Benjamin '45  
 Chinitz, Jacob '44  
 Chinitz, Sam '48  
 Chomsky, Aaron '46  
 Ciechanowitz, Isaac '43  
 Cohen, Abraham '37  
 Cohen, Arthur '46  
 Cohen, Gabriel '48  
 Cohen, George '42  
 Cohen, Louis '37  
 Cohen, Mitchell '46  
 Cohen, Samuel Lee '48  
 Cohen, Seymour Israel '47  
 Cohen, Stanley '44  
 Comet, Theodore '46  
 Cooper, Milton '39  
 Cooperband, Jack '41  
 Coopersmith, Stanley '46  
 Corn, Joel '44  
 Crandell, Max '37
- Dachowitz, Pincus '41  
 Danishefsky, Isadore '44  
 Darshin, Harry '43  
 Decter, Aaron '33  
 Dembowitz, Morris '36  
 Denburg, Chaim N. '42  
 Deutsch, Samuel '34  
 Devine, Leonard Harold '42  
 Dienstag, Jacob I. '49  
 Dlugacz, Irving I. '41  
 Dlugacz, Jason '36  
 Dolnansky, Herman '48  
 Doppelt, Stanley '45  
 Drusin, Arnold '37  
 Dunn, Nathan Judah '43  
 Dyen, Samuel '50
- Eckstein, Simon '44  
 Efron, Mordecai Victor '43  
 Ehrenthal, Irving '39  
 Eidelsberg, William '45  
 Eidenbaum, Julius '34  
 Einhorn, Carl M. '45  
 Eisemann, Kurt '50  
 Eisen, David '42  
 Eisenberg, Isaiah '38  
 Eisenberg, Leon '46  
 Elefant, Benjamin '39  
 Elefant, Elihu E. '45

Elefant, Marvin '35  
 Elefant, Milton '39  
 Elgart, Irving '38  
 Elgart, Joseph M. '42  
 Elkin, Charles '38  
 Ellenberg, Joseph '44  
 Engel, Barney '50  
 Engel, Gerald '40  
 Engelberg, Herman '37  
 Engelberg, Louis '32  
 Epstein, Gilbert Marvin '48  
 Epstein, Joshua '47  
 Epstein, Morris '42  
 Erenberg, Morris '45  
 Eskowitz, Meyer '33  
 Esrig, George '35  
 Esterson, Harold H. '42  
  
 Faivelson, Baruch '35  
 Feigon, Gershon '36  
 Feiler, Irving Jack '43  
 Feinerman, Aaron '43  
 Feinerman, Judah Wolf '47  
 Feinerman, Mordecai '47  
 Felman, Meir '35  
 Fenster, Myron, '48  
 Fertig, William '50  
 Feuerstein, Aaron Mordecai '47  
 Feuerstein, Moses J. '36  
 Fine, Isadore '34  
 Finkelstein, Bernard '39  
 Finkelstein, Sidney Joseph '42  
 Firestein, Louis '47  
 Fisch, Mandel '47  
 Fischer, Emanuel '42  
 Fishman, Hyman '44  
 Fishman, Jacob '50  
 Fishman, Jerome '42  
 Fleishaker, Oscar '39  
 Fox, Samuel '40  
 Fraenkel, Mark '47  
 Frank, Sanford '50  
 Frank, William M. '50  
 Frankel, Theodore '43  
 Frankel, Willi '44  
 Fredman, Alvin Morris '48  
 Fredman, Irving '44  
 Fredman, Marvin Gabriel '47  
 Freed, William H. '39  
 Freedman, Israel '34  
 Friedman, Abraham '36  
 Friedman, Alexander '42  
 Friedman, Armin Harry '50  
 Friedman, Charles '35  
 Friedman, Hyman '34  
 Friedman, Isaac '45  
 Friedman, Isaac B. '45  
 Friedman, Israel E. '33  
 Funk, Morris '34  
 Furst, Harold J. '44  
 Furst, Milton '43  
  
 Gabriel, Mordecai '38  
 Garfiel, Morton '46  
  
 Garfinkel, Sam '48  
 Gelbart, Bernard '42  
 Geller, Michel '46  
 Geller, Victor '48  
 Geller, Yonah Harry '40  
 Gellis, Philip '41  
 Gellman, Ezra '42  
 Gellman, Nehemiah '44  
 Gellman, Zacharia '39  
 Gerber, Israel '39  
 Gershbaum, Joseph S. '45  
 Gershinsky, Morris '44  
 Gewurz, Werner '50  
 Glustrom, Simon '44  
 Gold, Aaron '38  
 Goldberg, Isaac '33  
 Goldberg, Morris '46  
 Goldin, Aaron '34  
 Goldin, Chaim '32  
 Goldklang, Norman '38  
 Goldman, Eleazer '37  
 Goldman, Jacob '40  
 Goldman, Marvin '44  
 Goldsmith, Bernard '48  
 Goldstein, Leonard '44  
 Goldstein, Noah '48  
 Goldstein, Theodore '45  
 Goldstein, Zev '39  
 Goldwasser, David '35  
 Golovensky, David '32  
 Goodman, Israel '38  
 Goodman, Joseph '35  
 Goodman, Morris '46  
 Goodman, Moshe Yaakov '50  
 Gopin, Sol '42  
 Gordon, David '37  
 Gordon, Irwin '43  
 Gordon, James I. '44  
 Gordon, Jerome '38  
 Gorodetzer, Philip '41  
 Grauer, Murray '41  
 Green, Jack '44  
 Green, Sidney '33  
 Greenbaum, Aaron '36  
 Greenberg, Av '36  
 Greenberg, Meyer '34  
 Greenberg, Sidney '38  
 Greenstein, Joseph '35  
 Greenwald, Emanuel J. '47  
 Gribetz, Hyman '40  
 Gross, Theodore '40  
 Guterman, Abraham S. '33  
  
 Haber, Seymour '50  
 Haberman, Jacob '50  
 Hack, Jacob '43  
 Hait, Paul Lester '43  
 Halpern, Morris H. '50  
 Halpert, Max '38  
 Hans, Albert '40  
 Harris, Zevi '38  
 Hartstein, Abraham L. '44  
 Hartstein, Jacob I. '32  
 Hartstein, Samuel '43

Hasiuk, Sol '41  
 Hecht, Morris '45  
 Heifetz, Chayim Isaac '48  
 Heifetz, Hyman Solomon '48  
 Heineman, Justin '41  
 Heisler, Arnold '44  
 Heisler, Jacob '39  
 Heller, Irving '37  
 Heller, Meyer '41  
 Heller, Philip '48  
 Hendel, Herbert '38  
 Henkin, Abraham '34  
 Henkin, Louis '37  
 Herman, Bernard B. '45  
 Herman, Jack '42  
 Herskowitz, William '48  
 Hertzberg, Isaiah '50  
 Hinchin, Martin Isaiah '40  
 Hirnes, Eleazer '44  
 Hirschman, Harold '38  
 Hirschman, Max '32  
 Hirschman, Seymour Solomon '43  
 Hoch, Max '32  
 Hoch, Sam '35  
 Hochman, Jacob '34  
 Hollander, Haskell '47  
 Homnick, Yaakov I. '47  
 Horowitz, Eliezer '49  
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 Hurwitz, Herbert '38  
 Hurwitz, Jacob '34  
 Hurwitz, Marvin '36  
 Hurwitz, Morris '37  
 Hyatt, Isadore '48

Insel, Abe '43  
 Isaacson, Irwin '41  
 Iserowitz, Morris '37  
 Israel, Hyman '33  
 Izenstein, Louis '32

Jacobson, Nathan '33  
 Jaffe, Samuel '43  
 Jaret, Irving L. '42  
 Jerenberg, Norman G. '48

Kabakoff, Jacob '38  
 Kahn, Arthur '46  
 Kahn, Myron '46  
 Kallner, Theodore '48  
 Kamber, Alvin I. '48  
 Kaminetsky, Joseph '32  
 Kanatopsky, Harold Bernard '43  
 Kanovsky, Eliyahu '42  
 Kantrowitz, William '48  
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 Karlin, Meyer '37  
 Karp, Abraham J. '42  
 Kasten, Elihu '36  
 Katsman, Baruch '50  
 Katz, Michael '45

Katz, Leon '37  
 Kaufman, William '36  
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 Kellner, Aaron '34  
 Kelman, Joseph H. '48  
 Kenner, Samuel '49  
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 Kestenbaum, Jerome '39  
 Klaperman, Gilbert '40  
 Klaven, Israel '37  
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 Kleiman, Sidney '35  
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 Klein, Morris '44  
 Kleinman, Jack A. '45  
 Koenigsberg, Chaim '40  
 Kolatch, Alfred '37  
 Kolatch, Fred '37  
 Komsky, Daniel '50  
 Koolyk, Abraham '42  
 Korchak, Earl '45  
 Koslowe, Irving '40  
 Kosofsky, Elvin I. '41  
 Kosofsky, Leon N. '45  
 Kra, Aaron '41  
 Kramer, Meyer '40  
 Kramer, Milton E. '42  
 Krasna, Alvin Isaac '50  
 Krasna, Irwin Herbert '50  
 Krasner, Norman L. '45  
 Kreitman, Benjamin '39  
 Krevsky, Seymour '40  
 Krieger, Morris '38  
 Kronengold, Numa '47  
 \*Krutman, Seymour '41  
 Kumin, Emanuel '41  
 Kumin, Isadore '35  
 Kurtzman, Robert J. '50  
 Kurtzman, Sidney '36  
 Kurz, Israel '41  
 Kutner, Seymour '46

Laks, Hyman '41  
 Landa, Sam '44  
 Lander, Bernard '36  
 Landes, Leo '45  
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 Laster, Israel '38  
 Lava, Martin '48  
 Lebowitz, Harold '43  
 Leibowitz, Murray '37  
 Leifer, Louis '35  
 Leiman, Raymond '48  
 Lerner, Israel B. '43  
 Levi, Elias '38  
 Levin, A. Leo '39  
 Levine, Eli '32  
 Levine, Hyman '50  
 Levinson, Nathan '38  
 Levitan, Kalman '37  
 Levovitz, Paul '42  
 Levy, Joel '45  
 Levy, Max '37  
 Levy, Raphael '46

Lewis, Albert '38  
Lewittes, Mendel '32  
Lichtenstein, Joseph Jacob '50  
Lichtenstein, Sam '38  
Liebb, Julius '45  
Lieber, Martin '47  
Lieberman, Murray '39  
Lief, Joseph '32  
Lifshitz, Chaim '45  
Lifshitz, David '46  
Lifshitz, Wolf '39  
Lilker, Martin '45  
Liner, Paul '44  
Lipshitz, Max A. '45  
Lipshutz, Nathan '38  
Listokin, Abraham '41  
Luban, Marvin '46

Mager, Julius '38  
Maimon, Solomon '41  
Malinowitz, Moses S. '43  
Mandelbaum, Allen '45  
Mandelcorn, Ephraim Frank '41  
Mandelkorn, Joseph '47  
Mantel, Hugo '32  
Marcus, Abraham '50  
Marcus, Alvin M. '48  
Margolies, Irving '46  
Margolies, Morris Bernard '43  
Margolis, Henry '42  
Margolis, William '37  
Marienstrauss, Isaac '41  
Marine, Isadore '36  
Markovitz, Eugene '45  
Marmorstein, Robert '38  
Massis, David '42  
Matz, Joshua '32  
Matz, Milton '47  
Mazo, Jacob '37  
Medetsky, Hyman '42  
Mehler, Burton '45  
Melmed, David '45  
Merrin, Sidney Z. '40  
Metchik, Irwin (Yitzhak) '45  
Meth, Bernard '48  
Metzger, Stanley '47  
Meyer, Sam '41  
Michaly, Eugene '40  
Millians, Bernard '34  
Miller, Arnold J. '39  
Miller, David '42  
Miller, Harold L. '45  
Miller, Isadore '38  
Miller, Samuel '38  
Mintz, David '36  
Mintz, Louis '38  
Mirsky, David '42  
Mirvis, Allen '39  
Moseson, David '44  
Movsky, Myron B. '42  
Mowshowitz, Israel '35  
Mozeson, Leon '44  
Muss, Hyman '32  
Muss, Louis '36

Neiss, Edmund '45  
Nelson, Eugene '43  
Nesis, Lawrence Samuel '50  
Newman, Alex M. '40  
Newman, Irving '38  
Nissel, Joseph S. '45  
Nissenbaum, Alexander '31  
Nissenbaum, Sidney '33  
Nobel, Israel H. '39  
Noble, Joseph S. '38  
Novek, Simon '36  
Novick, Abraham '37  
Novoseller, Sholom '40  
Nulman, Louis '39  
Nulman, Macy '45  
Nussenbaum, Harry Jerome '48

Oles, M. Arthur '45  
Oratz, Ephraim '50  
Oratz, J. Paul '48  
Orentlicher, Paul '45  
Ossip, Seymour '48

\* Pearlstein, Mosheh '46  
Peikes, Daniel '38  
Pelberg, Abraham '48  
Penkower, Morris '32  
Peretz, Samuel '38  
Perlmutter, Harry '41  
Perlow, Irving '46  
Pergorsky, David '35  
Peysen, Paul '48  
Peysen, Pincus '45  
Pfeffer, David '46  
Pleskin, Sidney '48  
Podolsky, Leo '33  
Polachek, Harry '34  
Pollock, Herbert Monroe '48  
Pomerantz, Hyman '46  
Posnansky, Max '37  
Post, William '36  
Potok, Herman '50  
Poupko, Bernard '39  
Poupko, Morris '36  
Poupko, Solomon '49  
Prero, Samuel '37  
Pressman, David '46  
Pritzker, Marvin '44  
\* Pruzansky, David '36

Raab, Nathan '44  
Rabinowitz, Boris '37  
Rabinowitz, Jacob '46  
\* Rabinowitz, Nathan '41  
Rackovsky, Boris Abraham '50  
Rackovsky, Judah S. '48  
Rapaport, Avraham '47  
Rapp, Ernest '50  
Raymon, Philip '35  
Rephun, Sholom '48  
Reuger, Moshe Aron '42  
Reichel, Oscar '42  
Reichel, Solomon '46  
Reines, Alvin '47  
Reiss, Bernard '43

Reiss, Herman '40  
 Reiss, Myron Leonard '43  
 Reiss, Sidney '43  
 Revel, Hirschel '33  
 Revel, Norman '33  
 Ribner, Herbert '38  
 Ribner, Irving '37  
 Ribner, Israel '43  
 Richman, Milton '40  
 Ritterband, Paul '50  
 \*Robbins, Jerome '43  
 Robins, Leo J. '40  
 Rodwogin, Benjamin '34  
 Romanoff, Gershon '37  
 Roodman, Solomon '38  
 Rose, Isaac B. '38  
 Rosen, Morton '46  
 Rosenbaum, Nathan '45  
 Rosenblatt, Seymour B. '45  
 Rosenblum, Herbert '50  
 Rosenblum, Jack '39  
 Rosenblum, Jerome H. '41  
 Rosenblum, Samuel '42  
 Rosenfeld, Azriel '50  
 Rosenfeld, Leonard '37  
 Rosenman, Harold '37  
 Rosenstock, Gershon '41  
 Rosensweig, Bernard '47  
 Rosenthal, Julius '42  
 Rosenwasser, Herman B. '35  
 Rossman, Melvin '42  
 Roth, David '37  
 Roth, Sol '48  
 Rothman, Murray '44  
 Rothstein, Joseph '39  
 Rothstein, Solomon '50  
 Rottenberg, Emanuel '41  
 Rubenstein, Bernard '46  
 Rubin, Merrill '48  
 Rubinstein, Leon '41  
 Rubinstein, Samuel W. '40  
 Rudoff, Stanley '48  
  
 Sable, Jack M. '48  
 Safern, William '46  
 Salkowitz, Albert Abraham '43  
 Samson, Harry David '43  
 Samson, Norman '40  
 Sar, Eli '41  
 Satlow, Louis J. '38  
 Schacter, Herschel '38  
 Schacter, Marcus '37  
 Schapiro, Henry '48  
 Schechter, Selig E. '40  
 Schiff, Alvin Irwin '47  
 Schiff, Simon '45  
 Schiffenbauer, Milton '43  
 Schiller, Leonard '50  
 Schimelman, Joseph '39  
 Schmerler, David '36  
 Schnaidman, Marvin '48  
 Schnall, Morris '40  
 Schneider, Stanley '50  
 Schnipper, A. Irving '48  
  
 Schocher, Jacob '45  
 Schoner, Milton '47  
 Schonfeld, Frank '39  
 Schonfeld, Gabriel '41  
 Schonfeld, Jacob '50  
 Schrenzel, Bernard '38  
 Schuchalter, Paul '44  
 Schulweis, Harold '45  
 Schwadron, Sholum '50  
 Schwartz, George '46  
 Schwartz, Leo '45  
 Schwartz, Robert '40  
 Schwartz, S. Alvin '50  
 Schwartzman, Abraham Izaak '50  
 Seiden, Julius Wallace '43  
 Seidman, Aaron '41  
 Seidman, Emanuel '45  
 Seltzer, Bernard '45  
 Senders, Meyer '46  
 Shapiro, Abraham Barnet '48  
 Shapiro, Alexander '46  
 Shapiro, Frank '39  
 Shapiro, Joshua H. '45  
 Shapiro, Merwin '50  
 Shapiro, Meyer '40  
 Sharfman, Israel H. '45  
 Sherman, Benjamin '35  
 Shoop, Simon '38  
 Shoulson, Abraham '38  
 Shoulson, Charles '41  
 Shoulson, Solomon '47  
 Shulman, Herman '50  
 Siegel, Bernard '45  
 Siegel, Carl '34  
 Siegel, Charles I. '48  
 Siegel, Morton '45  
 Siegel, Meyer A. '40  
 Siegel, Norman '34  
 Siegel, Reuben '42  
 Siev, Asher '37  
 Sigal, Phillip '50  
 Silver, George '37  
 Silverman, Lester M. '37  
 Silverman, Morris '45  
 Simsowitz, Louis '35  
 Sincoff, Benjamin '39  
 Singer, Howard '43  
 Singer, Joseph I. '37  
 Singer, Sholom '46  
 Singerman, Arnold '47  
 Sion, Rahmin '39  
 Skaist, Eli David '48  
 Skidelsky, Irving '44  
 Sklarin, Mortimer J. '39  
 Skopp, David '44  
 Sky, Harry '45  
 Sky, Hyman Isaac '47  
 Slochowsky, Abraham '48  
 Slochowsky, Israel '45  
 Slomowitz, Solomon '48  
 Smith, David D. '45  
 Snow, Alvin Edward '46  
 Sobel, Samuel '41  
 Sofer, David '42

- Sofer, Martin '45  
 Sohn, David '46  
 Sokolow, Joseph M. '42  
 Solonche, Leo '37  
 Soloveichik, Aaron '40  
 Sommers, Fred '44  
 Sorscher, Marvin '46  
 Speiser, Joseph '44  
 Spielman, Walter '47  
 Spirn, Charles '47  
 Steiman, Sidney '44  
 Steinberg, Harry '32  
 Stepansky, Nathan '44  
 Stern, Abraham Ariah '48  
 Stern, Gershon '48  
 Stern, Irving '37  
 Stone, Philip M. '38  
 Strauss, Joseph '34  
 Strizower, Norman Joseph '43  
 Sukenik, Morris '42  
 Surchin, Harold '44  
 Susskind, David '44  
 Sussman, Gabriel '46  
 Sutton, Leon Judah '47  
 Swiatycki, Chaim '43  
  
 Tabachnick, Joseph '43  
 Tanenbaum, Herman '45  
 Tannenbaum, Charles '44  
 Taragin, Nathan '36  
 Tatz, Philip '36  
 Teigman, David '35  
 Tekuzener, Abraham I. '44  
 Tenenbaum, Edward '37  
 Tennenbaum, Lloyd '46  
 Toubin, Isaac '35  
 Troy, Albert '34  
 Tuchinsky, Nathan H. '45  
 Tuchman, Louis '44  
 Twersky, Norman '47  
  
 Upbin, Israel '32  
 Usdan, Leo '36  
  
 Vinik, Julius '46  
 Vogel, Harold '46  
  
 Wachtfogel, David '35  
 Wachtfogel, Hyman '39  
 Walden, Aaron '38  
 Waldman, Aaron '35  
 Waldman, Samuel W. '45  
 Walker, Abraham '40  
 Walker, Harry '38  
 Walker, Jacob '43  
  
 Wall, Max '38  
 Washer, Julius '31  
 Wasser, Max Raphael '40  
 Weinberg, Abraham '42  
 Weinberg, Morris '41  
 Weinstein, Charles S. '44  
 Weintraub, Lewis '41  
 Weisberg, Bernard '46  
 Weisenberg, David '45  
 Weisenberg, Samuel '47  
 Weiss, Aaron Joel '48  
 Weiss, Arthur L. '41  
 Weiss, Joseph '43  
 Weiss, Samuel '44  
 Weissman, Azriel G. '37  
 Weitzman, Jacob '44  
 Welber, Benjamin '42  
 Weller, Seymour '46  
 Werb, Morris '36  
 \*Werfel, Louis '37  
 Werner, Abraham '46  
 Wicentowsky, David '48  
 Wiesel, Alfred S. '42  
 Wiesel, Irving Meyer '47  
 Willig, Herbert '40  
 Willig, Jerome '38  
 Willner, Eric '48  
 Winer, Gerald '44  
 Wise, Joseph H. '38  
 Wohlgelernter, Maurice '41  
 Wohlgelernter, Samuel '50  
 Wolstein, Benjamin '44  
 Wuertzburger, Walter '43  
  
 Yagod, Leon '46  
 Yeres, Irvin '50  
 Younger, David '47  
  
 Zafern, Frank '37  
 Zaitchick, Samuel '43  
 Zapinsky, Emanuel '35  
 Zeides, Solomon '45  
 Zerkowitz, Marvin L. '45  
 Zemel, Nathan E. '45  
 Zimmerman, Philip William '48  
 Zion, Leonard '46  
 Zion, Martin I. '42  
 Zolt, Erwin '36  
 Zuroff, Abraham '41  
 Zweigbaum,, Joseph '45  
 Zwick, Harry '38  
 Zwillenberg, Herman J. '43

\* Deceased

### YESHIVA COLLEGE ALUMNI ASSOCIATION

The office of the College Alumni is located in Graduate Hall.  
 Officers for the year 1950-51 are:

RABBI ELIHU KASTEN .....	President
RABBI LOUIS BERNSTEIN .....	Vice-President
A. IRVING SCHNIPPER .....	Secretary
JOSHUA MATZ .....	Treasurer

## STUDENT REGISTER

SPRING, 1950

Name	Class	City and State
Adelman, Jacob	Freshman	Teaneck, New Jersey
Adler, Jack	Senior	Bronx, New York
Agress, Hyman	Freshman	Brooklyn, New York
Albeck, Ira	Junior	Staten Island, New York
Arian, Philip	Senior	Cleveland, Ohio
Aronson, Leonard	Sophomore	Brooklyn, New York
Aronson, Seymour	Senior	Brooklyn, New York
Auster, Simon	Sophomore	Highland Park, New Jersey
Bahn, Charles	Senior	Boston, Massachusetts
Bahn, Saul	Freshman	Boston, Massachusetts
Bajtner, Herszel	Senior	Bronx, New York
Barenholtz, Mervin	Senior	Calgary, Alberta
Basch, Alvin	Sophomore	Bronx, New York
Beck, Jacob	Senior	New York, New York
Bender, Karpol	Freshman	Cape Town, South Africa
Berenson, Lewis	Freshman	Boston, Massachusetts
Berger, Alvin	Freshman	Bronx, New York
Berger, Samuel	Freshman	Bronx, New York
Bergman, Morris	Freshman	Bronx, New York
Berman, Abraham	Sophomore	New York, New York
Bilus, Israel	Junior	Bronx, New York
Birnbaum, Ervin	Sophomore	Brooklyn, New York
Blank, Gerald	Non-Matriculated	Boston, Massachusetts
Blank, Louis	Freshman	New York, New York
Blau, Robert	Senior	Brooklyn, New York
Blaustein, Morris	Freshman	New York, New York
Blech, Benjamin	Freshman	Brooklyn, New York
Borenstein, Leo	Junior	New York, New York
Botnick, Solomon	Junior	Toronto, Ontario
Brand, Aaron	Sophomore	Rochester, New York
Brener, Mordko	Senior	Lima, Peru
Brener, Pynchas	Junior	Lima, Peru
Brickman, Seymour	Freshman	Brooklyn, New York
Bronstein, Gershon	Junior	Bronx, New York
Brown, Baruch	Senior	East Orange, New Jersey
Brussel, Marvin	Senior	Passaic, New Jersey
Buchen, Leonard	Freshman	Bronx, New York
Bunim, Melvin	Senior	Brooklyn, New York
Burack, Louis	Freshman	Worcester, Massachusetts
Chamedes, Wallace	Freshman	New York, New York
Chanofsky, David	Sophomore	New York, New York
Charlop, Zbulun	Senior	Bronx, New York
Cohen, Harry	Senior	Brooklyn, New York
Cohen, Ismael	Junior	Rio de Janeiro, Brazil
Cohen, Sol	Senior	Brooklyn, New York
Cooper, Louis	Sophomore	Brooklyn, New York
Danishesky, Joel E.	Freshman	Bayonne, New Jersey
Danzig, Howard	Senior	Chicago, Illinois
Dardik, Elliot	Sophomore	Long Branch, New Jersey
Davidman, Ruben	Sophomore	Brooklyn, New York
Dershowitz, Sam	Freshman	Brooklyn, New York
Deshell, Morris	Senior	Winnipeg, Manitoba
Deutsch, Alexander	Freshman	Bronx, New York
Dolinsky, Morton	Sophomore	New York, New York
Dryspiel, Hillel	Junior	Spring Valley, New York
Dyen, Samuel	Senior	New York, New York
Eckstein, Barry	Sophomore	Brooklyn, New York
Edelman, Dave	Freshman	Bronx, New York

Ehrman, Jules	Freshman	New York, New York
Eichelberg, Hugo	Sophomore	Cincinnati, Ohio
Eisemann, Albert	Junior	New Britain, Connecticut
Eisemann, Kurt	Senior	New York, New York
Engel, Barney	Senior	Winnipeg, Manitoba
Engel, Morris I.	Freshman	Winnipeg, Manitoba
Epstein, Max	Sophomore	Haverhill, Massachusetts
Erushalmy, Joseph	Sophomore	Bronx, New York
Estra, Leonard	Senior	New Haven, Connecticut
Feder, Joseph	Senior	Brooklyn, New York
Feder, Samuel	Sophomore	Brooklyn, New York
Feldblum, Meyer	Junior	New York, New York
Feldman, Arnold	Freshman	Yonkers, New York
Feldman, David	Junior	Los Angeles, California
Fenster, Philip	Freshman	Bronx, New York
Fertig, William	Senior	San Francisco, California
Feuer, Isidore	Freshman	Brooklyn, New York
Fingerhut, Bernard	Sophomore	Brooklyn, New York
Finkel, Raphael	Sophomore	Baltimore, Maryland
Finkelstein, Philip	Junior	Brooklyn, New York
Fischer, Joseph	Freshman	St. Rego Park, New York
Fizman, Jacob	Senior	New York, New York
Fleischman, Ludwig	Junior	Buenos Aires, Argentina
Fogel, Israel	Freshman	Bogota, Colombia
Forman, Emanuel	Freshman	Spring Valley, New York
Frank, Sanford	Senior	Cleveland, Ohio
Frank, William	Senior	Brooklyn, New York
Frankel, Edmond	Sophomore	Baltimore, Maryland
Frankel, Jacob	Sophomore	Baltimore, Maryland
Friedman, Armin H.	Senior	New York, New York
Friedman, Jacob E.	Sophomore	Brooklyn, New York
Fulda, Manfred	Sophomore	New York, New York
Ganz, Morris	Junior	Brooklyn, New York
Gelman, Aaron	Sophomore	Bronx, New York
Gewirtz, Sidney J.	Freshman	Brooklyn, New York
Gewurz, Werner	Senior	Montreal, Quebec
Ginsburg, Berry S.	Junior	Portland, Maine
Ginsburg, Henry	Sophomore	Portland, Maine
Glasberg, Herbert	Freshman	New York, New York
Glaubach, Felix	Senior	Hudson, New York
Glickman, Jack	Freshman	Brooklyn, New York
Goder, Abraham	Sophomore	Brooklyn, New York
Gold, Henry	Sophomore	Brooklyn, New York
Gold, Stanley	Freshman	Brooklyn, New York
Goldman, Jack	Freshman	Bronx, New York
Goldman, Philip H.	Junior	Portland, Maine
Goldman, Philip Y.	Sophomore	Bronx, New York
Goldstein, Samuel	Sophomore	Bronx, New York
Goldstein, Sheldon	Sophomore	Bronx, New York
Goldzweig, Mordecai	Sophomore	Montreal, Quebec
Goodman, Irving	Sophomore	Sophomore
Gordon, Macy	Freshman	Brooklyn, New York
Gordon, Nathan	Senior	Winthrop, Massachusetts
Gordon, William	Senior	Trenton, New Jersey
Gorelik, Morris	Freshman	Trenton, New Jersey
Gottesman, David	Freshman	New Haven, Connecticut
Gottlieb, Morris	Freshman	Bronx, New York
Grajower, Meier	Sophomore	New York, New York
Greenberg, Jacob	Freshman	The Hague, Netherlands
Greenberg, Stanley	Freshman	Montreal, Quebec
Greenfield, Murray	Junior	Brooklyn, New York
Greenwald, Eli	Senior	Bronx, New York
Gross, Manny	Junior	New York, New York
Gross, Reuben	Senior	New York, New York
Guttenberg, Jack	Junior	Brooklyn, New York
	Sophomore	New York, New York



Haberman, Jacob	Senior	New York, New York
Hadas, David	Freshman	New York, New York
Harris, Joseph	Freshman	Brooklyn, New York
Hartman, David	Freshman	Brooklyn, New York
Heimowitz, Joseph	Senior	Brooklyn, New York
Heisler, Reuben	Junior	St. Louis, Missouri
Heller, Melvin	Freshman	Brooklyn, New York
Hellerstein, Simon	Sophomore	Brooklyn, New York
Helmreich, Wolf	Junior	New York, New York
Hershkowitz, Marvin	Sophomore	Bronx, New York
Hertzberg, Isaiah	Senior	Baltimore, Maryland
Hertzberg, Joshua	Junior	Baltimore, Maryland
Hochmann, Robert	Freshman	Santiago, Chile
Horowitz, Meyer	Sophomore	Manitowoc, Wisconsin
Hyman, Merton M.	Sophomore	Brooklyn, New York
Hymowitz, Zev	Freshman	Brooklyn, New York
Isenberg, Saul	Freshman	Rouyn, Quebec
Israel, David	Freshman	Bronx, New York
Jacobovitz, Arthur	Freshman	Bridgeport, Connecticut
Jacobowitz, Jason	Sophomore	New York, New York
Jacobs, Paul E.	Freshman	Bronx, New York
Jaffe, Steven	Junior	Brooklyn, New York
Jakubovitz, Ed J.	Freshman	Wilkes-Barre, Pennsylvania
Kahn, Paul	Freshman	Brooklyn, New York
Kain, Milton	Sophomore	Brooklyn, New York
Karen, Solomon	Freshman	Baltimore, Maryland
Katsman, Philip	Junior	Seattle, Washington
Katz, Norman	Sophomore	Brooklyn, New York
Katz, Stephen	Sophomore	Santa Barbara, California
Kejsman, Jerry	Freshman	New York, New York
Keller, Henry	Senior	Bayside, New York
Kestenbaum, Leon M.	Sophomore	Brooklyn, New York
Kimmel, Leslie	Junior	Bronx, New York
Klein, Fred	Freshman	Brooklyn, New York
Klein, Irving	Freshman	Brooklyn, New York
Klein, Isidore	Sophomore	Brooklyn, New York
Klein, Samuel	Sophomore	New York, New York
Klein, Sidney	Senior	Yonkers, New York
Kleinman, Chemia J.	Freshman	Brooklyn, New York
Koenigsberg, Bernard	Junior	New York, New York
Komsky, Daniel	Senior	Bronx, New York
Korbman, Meyer	Non-Matriculated	Newark, New Jersey
Kosowsky, Philip	Sophomore	Bridgeport, Connecticut
Krakower, Gerald	Junior	New York, New York
Krantz, Hyman	Junior	Atlantic City, New Jersey
Kranzler, Moses N.	Junior	Brooklyn, New York
Krasna, Alvin I.	Senior	Brooklyn, New York
Krasna, Irwin H.	Senior	Brooklyn, New York
Kraushar, Samuel	Senior	Brooklyn, New York
Krauss, Aaron	Junior	Bridgeport, Connecticut
Kravetz, Dov	Sophomore	Ottawa, Ontario
Kreitman, Julius	Freshman	Louisville, Kentucky
Krieger, Nathan	Sophomore	Brooklyn, New York
Krumbein, Jacob S.	Sophomore	Brooklyn, New York
Krumbein, Simeon J.	Junior	Brooklyn, New York
Krystal, Herbert W.	Freshman	Bronx, New York
Kula, Morton	Sophomore	Worcester, Massachusetts
Kupchik, Abraham	Sophomore	Bronx, New York
Kurtzman, Robert J.	Senior	Quincy, Massachusetts
Kusevitsky, Alexander	Sophomore	New York, New York
Kutscher, Abraham	Freshman	Mexico City, Mexico
Lamm, Maurice	Junior	Brooklyn, New York
Landes, Aaron	Junior	Revere, Massachusetts
Langer, Isidore	Freshman	New York, New York

Last, William	Freshman	New York, New York
Lauer, Leonard	Freshman	Bronx, New York
Lefil, Morris	Sophomore	Winnipeg, Manitoba
Lerner, Benjamin	Freshman	Brooklyn, New York
Levine, Elihu	Freshman	Brooklyn, New York
Levine, Hyman	Senior	Springfield, Massachusetts
Levy, Leon	Junior	Perth Amboy, New Jersey
Lichtenstein, Aharon	Freshman	Brooklyn, New York
Lichtenstein, Joseph	Senior	Brooklyn, New York
Lichter, Alfred	Junior	New York, New York
Lichtman, Oscar	Freshman	Brooklyn, New York
Lieberman, Aaron	Junior	Brooklyn, New York
Lieberman, Alvin	Sophomore	Brooklyn, New York
Lieberman, Sidney	Junior	Bronx, New York
Lipschutz, Ismar	Senior	New York, New York
Lipsitz, Jerome	Sophomore	Chicago, Illinois
Lobel, Norman	Junior	Bronx, New York
London, Perry	Sophomore	Omaha, Nebraska
Lubin, Isaac	Sophomore	Ansonia, Connecticut
Mann, Aaron J.	Junior	Bridgeport, Connecticut
Mann, Jonah	Sophomore	New York, New York
Marcus, Abraham	Senior	New York, New York
Marcus, George	Sophomore	Worcester, Massachusetts
Markowitz, William	Sophomore	Brooklyn, New York
Matlin, Norman	Senior	Bayonne, New Jersey
Mayerfeld, Manfred	Freshman	Vineland, New Jersey
Mendlowitz, Morris	Junior	New York, New York
Mermelstein, David	Sophomore	New York, New York
Mestel, Hyman H.	Freshman	Outremont, Quebec
Metzger, Alter	Freshman	New York, New York
Migdal, Benjamin	Junior	Kew Gardens Hills, New York
Millen, William I.	Freshman	Boston, Massachusetts
Miller, David E.	Freshman	Montreal, Quebec
Mirsky, David	Freshman	Brooklyn, New York
Mogilner, David	Sophomore	Newark, New Jersey
Mond, Bertram	Junior	Woodhaven, New York
Mond, Otto	Freshman	Woodhaven, New York
Morgenstern, Abraham	Senior	New York, New York
Morhaim, Abraham	Freshman	Brooklyn, New York
Moseson, Isaac	Junior	Bronx, New York
Moskowitz, Seymour	Sophomore	Bronx, New York
Mostofsky, David I.	Freshman	Roxbury, Massachusetts
Mostow, Morton	Sophomore	Boston, Massachusetts
Nadelman, Ludwig	Senior	Quito, Ecuador
Narrowe, Morton	Freshman	Philadelphia, Pennsylvania
Nesis, Lawrence	Senior	Bronx, New York
Novoseller, Maurice E.	Sophomore	Philadelphia, Pennsylvania
Nussenbaum, Max S.	Sophomore	New York, New York
Oratz, Ephraim	Senior	New York, New York
Petroff, Jacob	Sophomore	New York, New York
Petruska, Alexander	Sophomore	Mt. Vernon, New York
Potok, Herman	Senior	Bronx, New York
Pshoter, Bernard	Freshman	Dorchester, Massachusetts
Rabinowitz, Philip	Senior	Detroit, Michigan
Rakowitz, Myron	Junior	Brooklyn, New York
Rapp, Ernest	Senior	New York, New York
Rashbaum, Harry L.	Junior	Baltimore, Maryland
Reichel, Harold	Sophomore	Brooklyn, New York
Rich, Meyer	Junior	Brooklyn, New York
Rieder, Zoltan	Freshman	New York, New York
Ripple, Gerard	Freshman	Ridgewood, New York
Ritterband, Paul	Senior	Bronx, New York

Rock, Michael	Sophomore	Brooklyn, New York
Rogoff, David	Freshman	Brooklyn, New York
Rosenberg, Stanley	Junior	Brooklyn, New York
Rosenbloom, Samuel	Senior	Bronx, New York
Rosenblum, Herbert	Senior	New York, New York
Rosenfeld, Azriel I.	Senior	New York, New York
Rosenhan, David	Junior	Jersey City, New Jersey
Rosenthal, Gilbert S.	Freshman	Bronx, New York
Rosner, Irving	Sophomore	Brooklyn, New York
Roth, Alfred H.	Senior	Brooklyn, New York
Rothman, Aaron R.	Sophomore	Bronx, New York
Rozen, Ivan	Sophomore	Hackensack, New Jersey
Ruch, Erwin S.	Junior	Worcester, Massachusetts
Sadowsky, Gershon	Sophomore	Baltimore, Maryland
Saffer, Robert	Sophomore	Spring Valley, New York
Salman, Moshe	Junior	Baghdad, Iraq
Salzberg, Moses	Freshman	Lisbon, Portugal
Sanders, Irwin	Sophomore	New York, New York
Sanders, Maurice	Junior	Philadelphia, Pennsylvania
Schall, Noel	Junior	Brooklyn, New York
Scheinfeld, David	Junior	New York, New York
Scheinfeld, Herbert I.	Sophomore	Brooklyn, New York
Schiff, Seymour	Freshman	Dorchester, Massachusetts
Schiller, Leonard	Senior	New York, New York
Schneider, Stanley	Senior	Long Beach, New York
Schneier, Arthur	Junior	New York, New York
Schonfeld, Jacob	Senior	London, England
Schreiber, Herman	Freshman	Bratislava, Czechoslovakia
Schudrich, David	Senior	Bronx, New York
Schultz, Joseph	Junior	Chicago, Illinois
Schwadron, Sholum	Senior	New York, New York
Schwartz, Alvin	Senior	Baltimore, Maryland
Schwartz, Maurice L.	Sophomore	Newark, New Jersey
Schwartzman, Abraham I.	Senior	Winnipeg, Manitoba
Seif, Norman N.	Sophomore	Brooklyn, New York
Seruya, Benjamin	Freshman	Brooklyn, New York
Shannon, Irvin	Freshman	Baltimore, Maryland
Shapiro, Arnold L.	Freshman	Brooklyn, New York
Shapiro, Hyman	Sophomore	New Haven, Connecticut
Shapiro, Irwin	Freshman	Brooklyn, New York
Shapiro, Merwin	Senior	Brooklyn, New York
Shay, Melvin D.	Sophomore	Brooklyn, New York
Shechter, Jack	Sophomore	Brooklyn, New York
Shevrin, Howard	Freshman	Jackson Heights, New York
Shoham, Gilbert L.	Junior	Baltimore, Maryland
Shulman, Herman	Senior	Washington, D. C.
Shulman, Nisson	Sophomore	Brooklyn, New York
Siegel, Stanley	Sophomore	Lancaster, Pennsylvania
Silver, Arthur	Senior	Brooklyn, New York
Silverstein, Philip	Senior	Brooklyn, New York
Simon, Fred	Sophomore	Bronx, New York
Singer, Joseph	Sophomore	Newark, New Jersey
Singer, Sheldon	Sophomore	Milwaukee, Wisconsin
Sittner, Aaron	Senior	New York, New York
Skaist, Aaron	Sophomore	Brooklyn, New York
Sladowsky, Isaac	Freshman	Brooklyn, New York
Slomovic, William	Junior	New York, New York
Smilchensky, Joel	Freshman	Brooklyn, New York
Soled, Calvin	Senior	Jersey City, New Jersey
Solomon, Alfred	Junior	Long Beach, New York
Solomon, Gustave	Junior	Brooklyn, New York
Solomon, Victor	Senior	Bronx, New York
Solomon, Wilfred	Junior	Rochester, New York
Spear, Arthur	Junior	Dover, New Jersey
Spiera, Harry	Freshman	Jersey City, New Jersey
Spivak, Benjamin	Junior	Brooklyn, New York

Stadtmauer, Morris R.	Sophomore	Bronx, New York
Stadtmauer, Murray E.	Junior	New York, New York
Starishevsky, Reuben	Sophomore	Brooklyn, New York
Stavisky, Aaron Y.	Sophomore	Brooklyn, New York
Stavsky, David	Junior	New York, New York
Steiman, Elliott	Freshman	Dorchester, Massachusetts
Stein, Arthur	Freshman	Bronx, New York
Steinberg, David	Junior	Bronx, New York
Steinmetz, Sol	Sophomore	Chicago, Illinois
Summer, Morton	Freshman	Brooklyn, New York
Tannin, Seymour	Freshman	Brooklyn, New York
Taub, Arthur	Sophomore	Brooklyn, New York
Teicher, Paul	Junior	Flushing, New York
Teitelbaum, Simcha	Freshman	New York, New York
Tendler, Joseph	Freshman	New York, New York
Tennenberg, Isadore	Sophomore	Baltimore, Maryland
Tennenberg, Sidney J.	Freshman	Baltimore, Maryland
Tiger, Irving	Non-Matriculated	Bronx, New York
Tokayer, Eugene	Sophomore	Brooklyn, New York
Toporovsky, Norman	Freshman	Brooklyn, New York
Turin, Arnold	Freshman	Brooklyn, New York
Turk, Gerald	Freshman	Brooklyn, New York
Twersky, Norman	Junior	Brooklyn, New York
Unger, Hugo	Sophomore	Pittsburgh, Pennsylvania
Wacholder, Ben Zion	Junior	New York, New York
Wagner, Stanley	Freshman	Kew Gardens, New York
Wanderer, William Z.	Freshman	Brooklyn, New York
Wealcach, William	Sophomore	Brooklyn, New York
Weinbach, David	Sophomore	Pittsburgh, Pennsylvania
Weinberg, Martin	Freshman	New York, New York
Weinberg, Moses	Freshman	New York, New York
Weinberg, Norbert	Freshman	Yonkers, New York
Weinstein, Harry M.	Junior	Brooklyn, New York
Weisbrod, Alvin	Freshman	Brooklyn, New York
Weissman, Harold	Sophomore	Canonsburg, Pennsylvania
Weitz, Aaron	Junior	Brooklyn, New York
Weitz, Earl	Junior	Los Angeles, California
Wenger, Irwin	Junior	Brooklyn, New York
Wiener, Jacob	Non-Matriculated	New York, New York
Winograd, Isaac	Sophomore	Brooklyn, New York
Wischnitzer, Saul	Junior	Brooklyn, New York
Witkin, Herbert	Senior	Brooklyn, New York
Witty, Irwin E.	Freshman	Brooklyn, New York
Witty, Stanley	Sophomore	Brooklyn, New York
Wohlgelernter, E. Judah	Sophomore	Chicago, Illinois
Wohlgelernter, Israel E.	Sophomore	Toronto, Ontario
Wohlgelernter, Samuel K.	Senior	Chicago, Illinois
Woldenberg, David	Freshman	Brooklyn, New York
Wool, Norman	Sophomore	Bronx, New York
Yanofsky, Harry	Senior	Winnipeg, Manitoba
Yeres, Irvin	Senior	Camden, New Jersey
Youlus, Joshua B.	Freshman	Brooklyn, New York
Zalis, Marvin	Sophomore	Miami, Florida
Zimelman, Ralph	Freshman	Portland, Maine
Zimmerman, Philip	Non-Matriculated	New York, New York
Zirin, Samuel	Sophomore	Jamaica, New York
Zryl, Martin	Freshman	Montreal, Quebec

