

YESHIVA UNIVERSITY

YESHIVA COLLEGE

CATALOG

1953-55



AMSTERDAM AVENUE AND 186 STREET

NEW YORK 33, N. Y.

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ACADEMIC CALENDAR

1953 - 54

FALL SEMESTER 1953

September	14-16	Monday-Wednesday	Registration
October	4	Sunday	First day of instruction
	7	Wednesday	Last day for late registration and for program changes
	30	Friday	Last day to withdraw from any course
November	24	Tuesday	To follow a Thursday schedule
	26-27	Thursday-Friday	Thanksgiving
December	6	Sunday	Hanukkah
	16	Wednesday	Fast of Tebeth
	31-		
January	1	Thursday-Friday	New Year's Day
	22	Friday	Last day of instruction
	25-28	Monday-Thursday	Examinations

SPRING SEMESTER 1954

January	25-28	Monday-Thursday	Registration
February	4	Thursday	Resumption of instruction
	9	Tuesday	Last day for late registration and for program changes
March	3	Wednesday	Last day to withdraw from any course
	18-19	Thursday-Friday	Fast of Esther and Purim
April	14	Wednesday	To follow a Friday schedule in the afternoon
	15-27	Thursday-Tuesday	Passover
May	21	Friday	Lag BaOmer
June	4	Friday	Last day of instruction
	6-8	Sunday-Tuesday	Shavuoth
	9-14	Wednesday-Monday	Examinations
	24	Thursday	Commencement Exercises

BOARD OF TRUSTEES

MAX J. ETRA *Vice-Chairman*

MAX STERN *Vice-Chairman*

MORRIS MILLER *Secretary*

LOUIS LEVINE *Treasurer*

SIMON ACKERMAN

HARRY E. KALODNER

SAMUEL BELKIN

JOSEPH MAZER

BERNARD BERNSTEIN

SAMUEL MELLITZ

SAMUEL FASSLER

SAMUEL ROSEN

WILLIAM FEINBERG

PHILIP SHLANSKY

BENJAMIN GOTTESMAN

CHARLES A. SILVER

CHARLES H. SILVER

MICHAEL M. NISSELSOHN *Director of Development*

The Executive Offices of the University are maintained on the seventh floor of Building A, 270 Park Avenue, New York 17, N.Y.

ADMINISTRATION AND INSTRUCTIONAL STAFF

- SAMUEL BELKIN *President of Yeshiva University
and Professor of Hellenistic Literature*
Ph.D., Brown University, 1935.
- SIMEON LEONARD GUTERMAN *Acting Dean of Yeshiva College
and Professor of History*
B. A. Harvard University, 1930; M.A., 1932; Ph.D., 1944.
- SAMUEL LEIB SAR *Dean of Men and Professor of Bible*
D.D., Yeshiva University, 1953.
- MORRIS SILVERMAN *Registrar and Assistant Professor of History*
B.A., Yeshiva College, 1945; M.A., Brooklyn College, 1949; B.R.E., Yeshiva
University, 1953.
- JOSHUA MATZ *Bursar*
B.A., Yeshiva College, 1932; M.A., Columbia University, 1939.
- AARON MORRIS MARGALITH *Acting Chief University Librarian
and 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.
- DAN VOGEL *Assistant Registrar and Instructor in English*
B.A., Brooklyn College, 1948; M.A., Rutgers University, 1949.
- SOLOMON ZEIDES *Assistant Librarian*
B.A., Yeshiva College, 1945; M.A., Columbia University, 1948; M.S. in L.S.,
1952.
- JOSEPH ELLENBERG *Assistant Bursar*
B.A., Yeshiva College, 1944; M.A., Columbia University, 1953.
-
- HELMUT E. ADLER *Assistant Professor of Psychology*
B.A., Columbia University, 1948; M.A., 1949; Ph.D., 1952.
- KARL ADLER *Music Director of Yeshiva University
and Professor of Music*
Mus.D., New York College of Music, 1944.
- IRVING A. AGUS *Associate Professor of Jewish History*
B.S., New York University, 1932; Ph.D., Dropsie College, 1937.
- MILTON ARFA *Assistant Professor of Hebrew*
B.B.A., The College of the City of New York, 1942; M.S., 1943.
- MARVIN L. ARONSON *Lecturer in Psychology*
B.A., Columbia University, 1946; M.A., 1947; Ph.D., University of Michigan,
1950.
- MEYER ATLAS *Professor of Biology*
B.S., The College of the City of New York, 1928; M.A., Columbia Univer-
sity, 1930; Ph.D., 1935.

- MICHAEL BERNSTEIN *Instructor in Jewish History*
B.A., Yeshiva College, 1936; D.H.L., Yeshiva University, 1949.
- DANIEL BLOCK *Assistant Professor of Mathematics*
B.A., Yeshiva College, 1946; M.A., Columbia University, 1949.
- SIDNEY DAVID BRAUN *Professor of French*
Diplome, Sorbonne, 1932; B.A., New York University, 1934; M.A., 1935; Ph.D., 1945.
- ALEXANDER BRODY *Professor of History and Economics*
B.S., New York University, 1926; M.A., 1928; LL.M., 1929; Ph.D., 1932.
- 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 *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.
- GOTTFRIED SALOMON DELATOUR *Visiting Professor of Sociology*
Ph.D., University of Strasbourg, 1915.
- IDA DOBKIN *Tutor in Chemistry*
B.A., Hunter College, 1943; M.S., New York University, 1947.
- DAVID FLEISHER *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 *Director of the Institute of Mathematics and
Professor of Mathematics*
M.A., Columbia University, 1916; Sc.D., (Hon.) 1942.
- NATHAN GOLDBERG *Associate Professor of Sociology*
B.A., University of Pittsburgh, 1928; M.A., 1930.
- HYMAN BOGOMOLNY GRINSTEIN *Professor of Jewish History*
B.S., Columbia University, 1927; M.A., 1935; Ph.D., 1944.
- MANFRED HALBERSTADT *Assistant Professor of Greek and Latin*
Ph.D., University of Frankfurt-am-Main, 1933.
- SIDNEY BENJAMIN HOENIG *Professor of Jewish History*
B.S., The College of the City of New York, 1927; Ph.D., Dropsie College, 1934.
- ABRAHAM BENJAMIN HURWITZ *Director of Student Activities
and Professor of Physical Education*
B.S., The College of the City of New York, 1927; M.A., Teachers College, Columbia University, 1928.
- ARTHUR IMERTI *Instructor in Speech*
B.A., The College of the City of New York, 1939; M.A., Fordham University, 1945.

- MOSES LEGIS ISAACS *Professor of Chemistry*
B.A., University of Cincinnati, 1920; M.A., 1921; Ph.D., 1923.
- LEO JUNG *Professor of Philosophy*
B.A., University of London, 1919; Ph.D., 1922; M.A., Cambridge University, 1926; D.D., Yeshiva University, 1949.
- 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.
- SEYMOUR LAINOFF *Instructor in English*
B.A., Brooklyn College, 1944; M.A., Columbia University, 1945.
- ELI MORRIS LEVINE *Professor of Chemistry*
B.A., Yeshiva College, 1932; M.A., Columbia University, 1935; Ph.D., Brooklyn Polytechnic Institute, 1943.
- IRVING LINN *Professor of English*
B.B.A., The College of the City of New York, 1933; M.A., New York University, 1934; Ph.D., 1941.
- HENRY LISMAN *Associate Professor of Mathematics*
B.S., Boston University, 1934; M.A., 1935; Ph.D., 1939.
- 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, 1928; M.A., Columbia University, 1929; 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, 1934.
- SIEGFRIED S. MEYERS *Lecturer in Physics*
B.S., New York University, 1930; M.A., 1940; Ph.D., 1945.
- DAVID MIRSKY *Assistant Professor of Hebrew*
B.A., Yeshiva College, 1942; M.A., Columbia University, 1948.
- WALTER EDWARD NALLIN *Assistant Professor of Music*
B.S., Columbia University, 1939; M.A., 1942; Ed.D., New York University, 1947.
- MACY R. NULLMAN *Lecturer in Music*
B.A., Yeshiva College, 1945.
- SIDNEY PLESKIN *Director of the Audio-Visual Service
and Instructor in Education*
B.A., Yeshiva College, 1948; M.A., Columbia University, 1949.
- PEREZ POSEN *Instructor in Physics*
B.A.Sc., University of Toronto, 1946; M.A., New York University, 1952.
- LEO PRIJS *Fellow in Languages*
Ph.D., University of Basle, 1946.
- EMANUEL RACKMAN *Assistant Professor of Political Science*
B.A., Columbia University, 1931; LL.B., 1933; Ph.D., 1953.
- HERBERT SPENCER ROBINSON *Visiting Professor of English*
B.A., New York University, 1917; M.A., Columbia University, 1918; Pd.M., New York University, 1920; Ph.D., Cambridge University, 1930.

- RALPH PHILIP ROSENBERG *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.
- JOSEPH I. SINGER *Lecturer in Philosophy*
 B.A., Yeshiva University, 1937; D.H.L., 1949.
- 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 *Associate Professor of Spanish*
 B.A., The College of the City of New York, 1928; M.A., Columbia University, 1930; Ph.D., 1937.
- CHARLES B. SCHIFF *Lecturer in Music*
 Dipl., Julliard School of Music, 1948.
- SAMUEL SOLOVEICHIK *Instructor in Chemistry*
 Sc.D., University of Brussels, 1934.
- ABRAHAM TAUBER *Assistant Professor of Speech*
 B.S.S., The College of The City of New York, 1931; M.A., Columbia University, 1932.
- ARTHUR D. TAUBER *Assistant Professor of Physical Education*
 B.S., New York University, 1942; M.A., 1947.
- MOSES DAVID TENDLER *Instructor in Biology*
 B.A., New York University, 1947; M.A., 1950.
- MEYER TERKEL *Lecturer in Education*
 B.A., The College of the City of New York, 1927; M.S., 1928.
- HYMAN S. WETTSTEIN *Instructor in Physical Education*
 B.S., New York University, 1937; M.A., 1947.
- STANLEY WEINTRAUB *Instructor in Speech*
 B.S.S., The College of the City of New York, 1938; M.A., Columbia University, 1939; Ph.D., 1953.
- SOLOMON WIND *Instructor in Jewish History*
 B.S.S., The College of the City of New York, 1930; D.H.L., Yeshiva University, 1942.
- HERMAN WOUK *University Visiting Professor of English*
 B.A., Columbia University, 1934.
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- STEVEN JAFFE *Library Assistant*
 B.A., Yeshiva College, 1952; M.A., Columbia University, 1953.
- PHILIP KATSMAN *Assistant in Physics*
 B.A., Yeshiva College, 1951.
- NORMAN I. KATZ *Assistant in Mathematics*
 B.A., Yeshiva College, 1952.
- GERALD W. KRAKOWER *Assistant in Chemistry*
 B.A., Yeshiva College, 1951.
- MOSES KRANZLER *Assistant in Biology*
 B.A., Yeshiva College, 1951.

FACULTY ORGANIZATION

1953 - 54

THE DIVISIONS

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

1. LANGUAGES AND LITERATURE: English, Fine Arts, French, German, Greek, Latin, Spanish, and Speech.
2. THE NATURAL SCIENCES: 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.

GENERAL FACULTY COMMITTEE

Dean Guterman, Chairman *ex-officio*

FOR THE DIVISION OF LANGUAGES AND LITERATURE

*Prof. Braun

**Prof. Linn

FOR THE DIVISION OF THE NATURAL SCIENCES

*Prof. Ginsburg

**Prof. Levine

FOR THE DIVISION OF THE SOCIAL SCIENCES

*Prof. Margalith

**Prof. Brody

FOR THE DIVISION OF JEWISH STUDIES

*Prof. Hoenig

**Prof. G. Churgin

Prof. Silverman, Secretary *ex-officio*

COMMITTEE ON ADMISSIONS, COURSE, AND STANDING

Professors Atlas, Linn, Sas, and Silverman.

COMMITTEE ON PLANNING AND GENERAL WELFARE

Professor Ginsburg, chairman; Professors Braun, Fleisher, and Lowan.

COMMITTEE ON STUDENT ACTIVITIES

Professor Lisman, chairman; Professors Hurwitz and Young; Messrs. Bernstein and Tendler.

COMMITTEE ON AWARDS

Dean Guterman, chairman; Dean Churgin, Dean Sar.

* Chairman.
** Elected representative, 1953-54.

GENERAL INFORMATION

HISTORICAL 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 1915. It now has two branches in Brooklyn (one for boys and one for girls), 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.

UNIVERSITY AIMS AND ORGANIZATION

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, which gives graduate courses leading to the Master of Science degree. It also offers to the public lectures and non-credit courses in Recreational Mathematics and the History of Mathematics.

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. (Students not registered in either the Theological Seminary or the Teachers Institute can therefore be admitted only with the special permission of the President of the University.) 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, classrooms, 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 325 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 admissions should be received by the office before June 30 for admission in the Fall. (No regular Freshman class is admitted 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

Under ordinary circumstances an applicant for admission to the Freshman class of Yeshiva College must be a high school graduate who has completed sixteen units of secondary school work in *academic* subjects. 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 any academic subjects in the fields of foreign languages, social studies, mathematics, and science.

Minor subjects such as Commercial Law, Drawing, Journalism, Music and Public Speaking may, at the discretion of the Committee on Admissions, be presented for 1/2 unit each, but in no case may minors be combined to form 1/2 unit.

High school graduates presenting 16 units of work but lacking one of the course requirements listed above may be admitted on a conditional basis and be given the opportunity to complete the required subject 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 select 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.

COURSE OF STUDY

GENERAL REQUIREMENTS

Candidates for the degree of Bachelor of Arts must complete prescribed and elective courses amounting to 128 credits, of which not more than eight may be in Physical Education. One credit represents one academic hour of lecture or recitation, or two academic hours of laboratory work, per week for one semester, or the equivalent, unless otherwise stated in the course listing. A semester consists of 16 weeks, an academic hour of at least 50 minutes.

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 presented for the major requirement.

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

¹ Speech 1, 2, 3, 4

² Hygiene 1-2

Physical Education—one course each semester of attendance

³ Hebrew 1-2, 3-4 or 01-02, 1-2

³ History 101-102

³ Bible—one course each semester of attendance

Foreign Language in addition to Hebrew—as indicated below

¹ Majors in Biology, Chemistry, and Premedical and Predental Studies 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.

² Premedical and predental majors may substitute Fine Arts 1-2 for Hygiene 1-2.

³ 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 in Class 3 or higher and after the admission of the student to the college.

FOREIGN LANGUAGE REQUIREMENTS

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

Majors in Biology, Chemistry, and Premedical Studies may fulfill the above requirements if they desire. Otherwise they must take German 7-8 or French 15-16.

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. The student must have the permission of an instructor of the subject, and must also get this instructor's approval of his planned course of study. The subjects in which one may major are listed below, with the page number where the requirements for that subject are given:

Biology, p. 28	Mathematics p. 43
Chemistry, p. 30	Philosophy, p. 45
Classical Languages, p. 38	Physics, p. 47
English, p. 32	Political Science, p. 48
French, p. 36	Premedical-Pre dental Studies, p. 15
German, p. 37	Psychology, p. 49
Hebrew, p. 39	Sociology, p. 51
History, p. 41	

PRE-PROFESSIONAL STUDIES

The college curriculum contains all the courses required for pre-professional training in medicine, dentistry, and law.

PREMEDICAL MAJORS

The following courses are required for the premedical major: Chemistry 1-2, 11-12, 13a-14a; Biology 1-2, 11a-12a; Physics 1-2; Political Science 1 and at least three additional credits in Social Sciences, chosen from the following list of courses (in order of recommendation): Psychology 1, History 1-2, History 35, 36, Sociology 1, Economics 1, Political Science 33. It is also recommended that all students take Speech 3 and 4, even if they are not required to do so.

Each premedical and pre dental major, at the end of his freshman year, is required to designate another subject as his minor. His future program will then be adjusted to allow him to take as many courses as possible in this subject.

PREDENTAL MAJOR

The requirements and recommendations for the pre dental major are identical with those for the premedical *except* that Chemistry 12 and Biology 11a-12a need not be taken.

PRE-LAW TRAINING

Students planning to enter law school should major in Political Science. They are advised to consult with the Registrar concerning the proper courses to take.

For the convenience of students, the order of required courses follows:

REQUIRED COURSES OF STUDY

MAJORS IN LABORATORY SCIENCE. (*Biology, Chemistry, Physics, Premedical, and Pre dental*)

<i>Freshman Year</i>			<i>Sophomore Year</i>		
English	1-2	3 credits each	English	3-4	3 credits each
*Science	1-2	4	Science	11-12	3 to 5
*Bible	1-2		*Bible	3-4	
(or 01-02)		1	(or 1-2)		1
*Hebrew	1-2		*Hebrew	3-4	
(or 01-02)		3	(or 1-2)		3
Phys. Ed.	1-2	½	Phys. Ed.	3-4	½
Hygiene	1-2	1	●Language	3-4	3
Speech	1-2	1	●Speech	3-4	2
‡Math.	1-2	3	(if necessary)		

NOTES

* Teachers Institute students will take equivalent courses in that school.

● Premedical students should take Biology 1-2 in addition to Chemistry 11-12, and should delay a language and Speech 3-4 to their senior year.

‡ Mathematics 01 must be taken instead by a student who had less than 2½ years of high school Mathematics.

" Premedical and pre dental students should take Chemistry as their first science.

% Majors in Languages and Hebrew should take Speech in the sophomore year and go on to advanced courses in the Junior year.

MAJORS IN OTHER SUBJECTS. (*English, French, German, Greek and Latin, History, Jewish Studies, Mathematics, Philosophy, Political Science*)

(and *Pre-law, Psychology and Sociology*)

<i>Freshman Year</i>			<i>Sophomore Year</i>		
English	1-2	3 credits each	English	3-4	3 credits each
Language	1-2	3	Language	3-4	3
*Bible	1-2		*Bible	3-4	
(or 01-02)		1	(or 1-2)		1
*Hebrew	1-2		*Hebrew	3-4	
(or 01-02)		3	(or 1-2)		3
Phys. Ed.	1-2	½	Phys. Ed.	3-4	½
Phys. Ed.	1-2	½	Science	1-2	3
Hygiene	1-2	1	(or 1a-2a)		4 or 3
Speech	1-2	1	% Major Courses		4 or 3
‡History	1-2				
(or Math. 1-2)		3			

PROSPECTIVE TEACHERS. (The most important courses are marked §)

<i>Fifth Semester</i>	<i>Sixth Semester</i>	<i>Seventh Semester</i>	<i>Eighth Semester</i>
§ Psychology 11	§ Psychology 16	§ Education 21	Education 31 and/or 32
§ Education 11	§ Education 12	Education 51	Psychology 13
			Education 52

JUNIOR YEAR: History 101-2 required for all students except TI students or graduates. Speech 3-4 required for "majors in other subjects" who did not take it in the Sophomore year.

Bulletins giving more detailed information on the course of study in specific majors are available.

ACADEMIC REGULATIONS

Students are responsible for contents and requirements in this Catalog and for official notices placed on the College Bulletin Board, *which should be consulted daily*, outside Room 409, Main Building.

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 because of 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 graded on the following basis:

A=90-100, Excellent	G=Dropped by student (counted as failure)
B=80- 89, Good	P=Passed
C=70- 79, Fair	R=To continue course
D=60- 69, Poor (lowest passing grade)	T (followed by A, B, C, D, or F)=Tentative grade
F=Failed	W=Withdrew without penalty

A tentative grade is given for incomplete work, absence from the final examination, or borderline work where a re-examination is desirable. The required work must be completed or the retest taken within one month of the end of the semester. Unless the Office is informed by that time that the grade is to be changed, the tentative mark becomes the final one.

The mark of R is given in clinic and remedial courses when it is advisable that the student be continued in the class.

Withdrawal from courses requires the permission of the Dean. Unless this permission is obtained, the student will receive a G, equivalent to failure, 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 second decimal place.

DEAN'S HONOR LIST

Each year, full-time students who have achieved a scholastic average of distinction will be included on the Dean's Honor List, which will classify those listed as follows:

"With Honor": 3.40-3.59 average
 "With High Honor": 3.60-3.79 average
 "With Highest Honor": 3.80-above

Inclusion on the Dean's Honor List becomes part of the student's permanent record.

HONORS AT GRADUATION

At graduation, degrees are conferred with honors as follows:
cum laude—an average of 3.40 and the approbation of the Faculty.
magna cum laude—an average of 3.60 and the approbation of the Faculty.
summa cum laude—an average of 3.80 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.

CREDITS FOR ENROLLMENT IN CLASS

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

Class	Credits	Class	Credits
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 University has been discharged.

STUDENT FINANCES

TUITION AND FEES

The tuition charge at Yeshiva College is \$18 per credit. This is exclusive of the following fees:

University Fee	\$15	per semester*
Maintenance of Matriculation Fee	10	per semester
Laboratory Fee	15	per course per semester
Breakage deposits		
Chemistry 13-14 and 13a-14a	15	per course per semester
All other Chemistry courses	10	per course per semester
All other laboratory courses	5	per course per semester
Change of Program Fee	1	per course
Late Registration Fee	1	per course
Reexamination Fee	1	per test
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. Students interested in obtaining a scholarship must file their applications not later than May 10. 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.

LIVING EXPENSES

The following chart of average living expenses for College students has been prepared for the benefit of those interested in attending Yeshiva University. All figures are of course quite approximate.

College tuition (depending on program)	\$ 600
Registration, laboratory, and other fees (heavier with a science program)	70
School books and supplies	50
Dormitory room	200
Food	750
Incidentals	200

TOTAL \$1,870

These figures apply to a 40-week school year. Students who will have to be at the school over the summer will have additional expenses of at least \$250.

Because of their heavy programs, students cannot expect to take part-time jobs during the school year. Some students may be able to get summer jobs that will pay part of their expenses. Foreign students, however, should note that government regulations limit or prohibit such work.

The above expenses do not include travel expenses to the school from the student's home and back again.

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

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 Director of Guidance helps 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 Director of Guidance, 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 is a variety of societies and clubs for the pursuit of outside interests.

Student Government: The College has a Student Council composed of elected representatives from the classes. It is the chief agency of the student body in dealing with matters affecting students and in relationships between students and the University authorities.

Athletics: At Yeshiva athletics are designed to encourage the participation of every able-bodied student either in varsity sports or in the comprehensive intra-mural program. Varsity sports, with intercollegiate schedules, include basketball, wrestling, soccer, swimming, tennis and track.

Publications: Yeshiva students edit and publish several newspapers, yearbooks, and other publications. The official College newspaper is the *Commentator* and the yearbook is *Masmid*. The French club publishes *Le Flambeau*.

Clubs: A number of clubs, some inspired by classroom work, have been organized. Some of these are The International Relations Society, Eranos (Classical language and history), Israeli Philatelic Society, Sociology Club, Debating Team, etc. Two national honor fraternities have chapters at the College: The Gamma Delta chapter of Eta Sigma Phi provides recognition for honor students in the Classical Languages, and the Alpha Omega chapter of Pi Delta Phi in French.

Music: The instrumental group offers students who want to participate in musical programs an opportunity to do so.

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.

- JULIUS AND ROSE ABRAMSON MEMORIAL SCHOLARSHIP (1953) — Established by B. Sumner Gruzen in memory of his brother-in-law and sister-in-law.
- 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).
- ISIDORE APFEL MEMORIAL SCHOLARSHIPS — Five Annual Scholarships, established primarily for sons of members of the Independent Order Brith Abraham.
- R. W. 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.
- DAVID BARUCH BATZER MEMORIAL SCHOLARSHIP (1953) — Established by Philip, Morris, and Max Batzer in memory of their father.
- JOSEPH BERESTELZKY MEMORIAL SCHOLARSHIP (Partial) (1952) — Established by his family.
- LEONARD BERGSTEIN SCHOLARSHIP (1953).
- JACOB BERKMAN MEMORIAL SCHOLARSHIP (1952) — Established by Mr. and Mrs. Louis Schwartz of Seattle, Washington.
- BERMAN AND HANNAH RACHEL BERKOWITZ MEMORIAL SCHOLARSHIP (1952) — Established by Minnie, Beckie and Benjamin Berkowitz.
- MARIAN BERKOWITZ MEMORIAL SCHOLARSHIP (1952) — Established by Minnie, Beckie and Benjamin Berkowitz.
- SOL BERMAN SCHOLARSHIP (1950).
- CHARLOTTE BERNSTEIN MEMORIAL SCHOLARSHIP (1944).
- ISAAC MOISHE AND SPRINGA BERNSTEIN MEMORIAL SCHOLARSHIP (1943) — Established by the Bernard Bernstein Foundation.
- NATE J. BLUMBERG SCHOLARSHIP (1939) — Established by Universal Pictures in honor of their President.
- DAVID AND YETTA BOKSER MEMORIAL SCHOLARSHIP (1951) — Established by Lewis and Sara L. Bokser of Philadelphia, Pennsylvania.
- 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.
- DR. CHARLES B. BRODER MEMORIAL SCHOLARSHIP (1953) — Established by Mrs. Celia Broder.
- HYMAN BRODSKY MEMORIAL SCHOLARSHIP (1952) — Established by the Hyman Brodsky Foundation, Philadelphia, Pennsylvania.
- BRONFMAN BROTHERS & B. AARON SCHOLARSHIP — (1948) Montreal, Canada.
- ISRAEL BRUKENFELD MEMORIAL SCHOLARSHIP (1942) — Established by Morris Brukenfeld in memory of his father.
- ESTHER L. BURROS MEMORIAL SCHOLARSHIP (1947).
- ROBERT P. CABLE SCHOLARSHIP (1950).
- ROBERT K. CHRISTENBERRY SCHOLARSHIP (1939).
- ANNA CERTILMAN MEMORIAL SCHOLARSHIP (1953) — Established by Philip Certilman and their children.
- NETTIE CLACHKOW MEMORIAL SCHOLARSHIP (1953) — Established by Mrs. Theodore Diamond.
- MR. AND MRS. MAYER H. COHEN SCHOLARSHIP (1953).
- CONGREGATION AHAVATH ACHIM SCHOLARSHIP (1948) — Established by the Community Chest of the Congregation, Abraham Wilk, Chairman.

- CONGREGATION BETH HACHNESSES ANSHEI SLUTZK SCHOLARSHIP (1951) — Morris Asofsky, President.
- 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.
- BENNETT DAVIS MEMORIAL SCHOLARSHIP — Established in 1947 by the Davis Sisters, Titusville, Pennsylvania, in memory of their brother.
- LEONID DE LESCINSKIS SCHOLARSHIP (1953).
- SAMUEL DENGROVE SCHOLARSHIP (1949).
- ELY ELSOHN SCHOLARSHIP (1951).
- AARON ETRA MEMORIAL SCHOLARSHIP (1946) — Established by the Etra Family.
- WILLIAM ETRA MEMORIAL SCHOLARSHIP (1946) — Established by Herbert Freezer.
- HILLEL AND GIEEL FELMAN MEMORIAL SCHOLARSHIP (1950).
- MR. AND MRS. ABE FELDMAN SCHOLARSHIP (1947).
- MAX H. FELDMAN SCHOLARSHIP (1944) — Established by the Feldman Foundation.
- MEYER FELDMAN MEMORIAL SCHOLARSHIP (1948) — Established by friends and business associates in Retail Industries.
- BEATRICE FISCHBACH MEMORIAL SCHOLARSHIP (1950).
- 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).
- ILLIA FRIEDMAN SCHOLARSHIP (1952) — Newburg, New York.
- MAX D. AND ESTHER FRIEDMAN MEMORIAL SCHOLARSHIP (1948) — Established by Irving and Morris Friedman in memory of their parents.
- JOSEPH H. GINSBURG SCHOLARSHIP (1950).
- BEN GLAZER SCHOLARSHIP (1950).
- WILLIAM GLUCK MEMORIAL SCHOLARSHIP (1953) — Established by David H. Gluck.
- GLUCK BROTHERS SCHOLARSHIP (1941).
- SAMUEL GOLDBERG & SONS FOUNDATION SCHOLARSHIP (1944).
- ARNOLD GOLDBERG SCHOLARSHIP (1948) — Established by Mr. and Mrs. Samuel H. Golding.
- JOSEPH GOLDING MEMORIAL SCHOLARSHIP (1951) — Established by Yeshiva University in memory of the late Joseph Golding, who was a devoted trustee for many years.
- HERMAN GOLDMAN FOUNDATION SCHOLARSHIP (1951).
- 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.
- MENDEL AND SARAH GOTTESMAN MEMORIAL SCHOLARSHIP (1943).
- MENDEL AND SARAH GOTTESMAN TORAH ENDOWMENT FUND (1927) — Established by the late Mendel Gottesman.
- CELIA AND ISAAC GREENE MEMORIAL SCHOLARSHIP (1950) — Established by Charles S. Greene.
- FELIX AND CECILE GOULED SCHOLARSHIPS (1953) — Four Scholarships.
- GROSEBERG FAMILY CHARITY FUND SCHOLARSHIP (1950) — Established by Casper Grosberg.
- ALEXANDER GROSS SCHOLARSHIP (1950).
- ANNA GROSS MEMORIAL SCHOLARSHIP (1952) — Established by the House of Gross Foundation.
- WILLIAM GROSS MEMORIAL SCHOLARSHIP (1952) — Established by the House of Gross Foundation.
- LILY GROSSMAN MEMORIAL SCHOLARSHIP (1944).
- MAX AND IDA GRUZEN MEMORIAL SCHOLARSHIP (1952) — Established by B. Sumner Gruzen in memory of his parents.
- LOUIS H. HARRIS MEMORIAL SCHOLARSHIP (1953) — Established by Mr. and Mrs. Max Hillson.
- MOISHE BEREL AND BERTHA HAUSMAN MEMORIAL SCHOLARSHIP (1938) — Established by Samuel Hausman in memory of his parents.

- JOSEPH HERBACH MEMORIAL SCHOLARSHIP (1946) — Established by the Pannonia Beneficial Association.
- ESTHER HIRSCH MEMORIAL SCHOLARSHIP (1951) — Established by Alexander Hirsch.
- THE MARCUS HIRSCH AND MIRIAM KATZ — ELIAS 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).
- BENJAMIN HURWITZ SCHOLARSHIP (1930) — Established by Raphael and Esther Hurwitz.
- FANNY C. INGBER MEMORIAL SCHOLARSHIP (1952) — Established by I. W. Ingber, Philadelphia, Pennsylvania.
- REBECCA IVRY MEMORIAL SCHOLARSHIP (1947) — Established by Sidney Ivry in Memory of his mother.
- MAX JAFFE MEMORIAL SCHOLARSHIP (1953) — Established by the Estate of Max Jaffe.
- JEWISH LIBERAL ARTS CLUB SCHOLARSHIP (1950).
- JEWISH WAR VETERANS SCHOLARSHIP, FREE SONS OF ISRAEL POST NO. 221 (1948).
- JUDAIC CIRCLE OF PHILADELPHIA SCHOLARSHIP (1951) — Established to assist premedical students.
- JULIUS, SAMUEL AND DAVID KAHN AND HARRY YAGER SCHOLARSHIP (1950).
- RIVA SARAH KADIN MEMORIAL SCHOLARSHIP (1943) — Established by her family.
- GISELLA KANDEL SCHOLARSHIP (1949) — Established by Mr. and Mrs. Sam Finkelstein in memory of her mother.
- MIRIAM KANTOR MEMORIAL SCHOLARSHIP — Established by Mr. and Mrs. Abraham Kantor of Plainfield, New Jersey, in memory of her parents.
- KASSOVER FAMILY SCHOLARSHIP (1950) — Established by Max Kassover.
- MAURICE H. KATZ MEMORIAL SCHOLARSHIP (1944) — Established by the Sagan Foundation in his memory.
- LILLIAN KAUFMAN SCHOLARSHIP (1953) — Established by the Miriam Gottlieb Aid Society.
- HYMAN AND ADA KOLKO SCHOLARSHIP (1948) — Established by Hyman Kolko, Rochester, N. Y.
- SOLOMON AND REBECCA KONHEIM MEMORIAL SCHOLARSHIP (1948) — Established by Jerome Konheim.
- ROSE KOSTELANETZ MEMORIAL SCHOLARSHIP (1952) — Established by Boris Kostelanetz.
- ABRAHAM AND SARAH KREIGER SCHOLARSHIP (1946) — Established by Mr. and Mrs. Abraham Kreiger of Shelton, Connecticut.
- RAYA KUSEVITSKY — SOPHIE KUSEVITSKY BROTTLET MEMORIAL SCHOLARSHIP (1953) — Established by Cantor Moshe Kusevitsky.
- HERBERT H. LEHMAN SCHOLARSHIP (1946).
- ABRAHAM AND FANNY S. LEIBOWITZ MEMORIAL SCHOLARSHIP (1953) — Established by Mr. and Mrs. Samuel Ellis, Philadelphia, Pennsylvania.
- HARRY A. LEIBSON MEMORIAL SCHOLARSHIP (1946).
- CLARA AND MENACHEM YANKEL LEONIDOFF MEMORIAL SCHOLARSHIP (1951).
- LEONID DE LESCINKIS SCHOLARSHIP (1953).
- JACOB LEVY MEMORIAL SCHOLARSHIP (1953) — Established by the Jacob Levy Foundation.
- SAMUEL LEVY MEMORIAL SCHOLARSHIP (1953) — Established by the Yeshiva University Board of Trustees in memory of its late Chairman, who devoted more than a quarter of a century to the growth and development of Yeshiva University.
- 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.
- LIBBY SISTERHOOD SCHOLARSHIP (Partial) (1953).
- ISIDORE LIPSCHUTZ — CHARLES GUTWIRTH SCHOLARSHIP (1953).
- E. M. LOEW SCHOLARSHIP (1950).
- PESACH LURIA MEMORIAL SCHOLARSHIP — Established by the Luria Family in memory of their father.
- GORDON V. LYONS SCHOLARSHIP (1950) — Established by Mac Sepler.
- FANNY MAGID MEMORIAL SCHOLARSHIP (1950) — Established by Mack Sepler.

- MAIMONIDES BENEVOLENT SOCIETY SCHOLARSHIP (1953) — Established to assist pre-medical students.
- HERMAN AND SARAH MESSING SCHOLARSHIP (1953).
- LILLIAN AND HARRIS MEYER MEMORIAL SCHOLARSHIP (1953) — Established by Mr. and Mrs. Max Hillson.
- 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).
- BARON DE HIRSCH MEYER SCHOLARSHIP (1950).
- BARNEY N. AND BERTHA E. MICHELMAN SCHOLARSHIP (1945) — Established by Mr. and Mrs. Barney N. Michelman of Springfield, Massachusetts.
- DAN MICHELOVE MEMORIAL SCHOLARSHIP (1950) — Established by his associates at the Twentieth Century-Fox Motion Picture Company.
- SAM MINSKOFF MEMORIAL SCHOLARSHIP (1952) — Established by Yeshiva University in memory of the late Sam Minskoff, who was a devoted trustee for many years.
- MAX MITTMAN SCHOLARSHIP (1951).
- MORRIS MORGENSTERN SCHOLARSHIP FUND (1950) — Preference is given to students with ability in liturgical music.
- MOSES FAMILY SOCIETY SCHOLARSHIP (1947) — Established in memory of George Stein and Jerome Hepburn.
- MOTION PICTURE INDUSTRIES SCHOLARSHIP FUND — Fifty scholarships sponsored by the Motion Picture Industries. Adolf Schimel, Universal Pictures Chairman (1950-52).
- 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.
- MORRIS NASATIR SCHOLARSHIP FOUNDATION (1950) — Established by his children.
- REBECCA AND SOLOMON NISSELSON MEMORIAL SCHOLARSHIP (1953) — Established by Michael M. Nisselson in memory of his parents.
- ISAAC PARSHELSKY MEMORIAL SCHOLARSHIP (1940) — Established by Mr. Moses Parshelsky in memory of his brother.
- PEOPLE'S HOSPITAL RESEARCH FOUNDATION ANNUAL FELLOWSHIP IN SCIENCE (1950) — Isidore Grossman, President.
- HARRIS AND FAGE MOLLIE PERILSTEIN MEMORIAL SCHOLARSHIP (1952) — Established by their son, Nathan Perilstein, Philadelphia, Pennsylvania.
- MOSES AND SARAH REBECCA PIERSON MEMORIAL SCHOLARSHIP (1953) — Established by their son, Abraham M. Pierson, Binghamton, N. Y.
- MR. AND MRS. MAURICE POLLACK MAINTENANCE SCHOLARSHIP (1945) — Quebec City, Canada.
- JOSEPH POMERANTZ MEMORIAL SCHOLARSHIP, TORONTO (1946).
- SAMUEL AND HANNAH POSTER MEMORIAL SCHOLARSHIP (1949) — Established by Meyer Poster in memory of his parents.
- EPHRAIM AND CATHERINE RAIFF MEMORIAL SCHOLARSHIP (1953) — Established by Mr. Gabriel Raiff, in memory of his son and wife.
- MOSES B. RAIZEN MEMORIAL SCHOLARSHIP (1944) — Established by Charles S. Raizen in memory of his father.
- HENRY RICHARD SCHOLARSHIP (1952).
- 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.
- ISAAC ROSENTHAL MEMORIAL SCHOLARSHIP (1952) — Established by Mrs. Isaac Rosenthal.
- MR. AND MRS. GUSTAVE ROTH SCHOLARSHIP (1935).
- MRS. TOBA SACHS MEMORIAL SCHOLARSHIP (1949) — Established by her family in Ottawa, Canada.
- MR. AND MRS. CHARLES SAFIER SCHOLARSHIP (1948)
- THE HIRSCH AND IDA SALWEN MEMORIAL SCHOLARSHIP (1953) — Established by the Estate of Nathan Salwen.

- SOLOMON JOSEPH SALWEN SCHOLARSHIP (1952) — Established by Maurice Salwen in memory of his father.
- MRS. ETHEL SAR MEMORIAL SCHOLARSHIP (1949) — Established by Mr. and Mrs. Samuel Schwartz.
- GEORGE J. SCHAEFER SCHOLARSHIP (1940) — Established by the Board of Trustees.
- 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.
- THE SAMUEL SCHREIBER SCHOLARSHIP (1949).
- HARRY AND PEARL SCHWARTZ SCHOLARSHIP (1952) — Established by Mr. and Mrs. Schwartz of New York.
- BENJAMIN SELZ SCHOLARSHIP (1928) — Established by Mrs. Benjamin Selz.
- BENJAMIN SHLANSKY MEMORIAL SCHOLARSHIP (1952) — Established by Selig Shlansky.
- DAVID AND ESTHER SHAPIRO SCHOLARSHIP (1945) — Established by Mr. and Mrs. David Shapiro.
- ZISLE SHLANSKY MEMORIAL SCHOLARSHIP (1941) — Established in her memory by her children: Philip, Louis, Selig, Isaac, Bertha and Pauline.
- ISAAC SHULMAN MEMORIAL SCHOLARSHIP (1951) — Established by Oscar and Garson Shulman of Elmira, N. Y., in memory of their father.
- JACOB AND AMELIA SIEGEL MEMORIAL SCHOLARSHIP (1950) — Established by Mrs. Abraham L. Marcus.
- LOUIS SIEGEL SCHOLARSHIP (1942) — Lancaster, Pa.
- CHARLES H. SILVER SCHOLARSHIP (1949).
- HILDA AND LOUIS SILVERSTEIN SCHOLARSHIP (1952) — Philadelphia, Pennsylvania.
- SPYROULA PANAGIOTIS SKOURAS MEMORIAL SCHOLARSHIP (1939) — Established by George P. Skouras in memory of his mother.
- BEN SMERLING SCHOLARSHIP (1953).
- SIMON AND SARAH BELLE SPECTOR MEMORIAL SCHOLARSHIP (1953) — Established by their son, Maurice Spector, Philadelphia, Pennsylvania.
- JACOB AND CHASIE SPRAYREGEN MEMORIAL SCHOLARSHIP (1951) — Established by Joshua and Morris Sprayregen.
- SAMUEL F. STAVISKY SCHOLARSHIP (1951) — Perpetual Endowment Scholarship.
- GEORGE STEIN AND JEROME HALPERN MEMORIAL SCHOLARSHIP (1947) — Established by the Moses Family Society.
- SAMUEL STRAUSBERG MEMORIAL SCHOLARSHIP (1948) — Established by Solomon M. Strausberg and Elias Bloomgarden.
- LEWIS SWIGER SCHOLARSHIPS (1945).
- MENDEL TAMOR MEMORIAL SCHOLARSHIP (1949) — Established by David I. Tamor.
- TEMPEL ISRAEL OF LONG BEACH SCHOLARSHIP (1948) — Charles A. Silver, President.
- TUBERCULOSIS WELFARE LEAGUE SCHOLARSHIP (1953) — Established to assist pre-medical students.
- 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.
- MR. AND MRS. MOSES VASSALL SCHOLARSHIP (1951) — Montreal, Canada.
- MEYER VESELL SCHOLARSHIP (1939) — Established by the Board of Trustees in memory of the late Meyer Vessell.
- JENNIE WEINBERG MEMORIAL SCHOLARSHIP (1951) — Established by Carl Marcus.
- MORRIS WEINBERG SCHOLARSHIP (1951).
- ABRAHAM AND ZELDA WEITMAN MEMORIAL SCHOLARSHIP (1951) — Established by Robert M. Weitman.
- REBECCA WERBER MEMORIAL SCHOLARSHIP (1952) — Established by Max, Jack, Philip, and Herman Werber.
- JACK WERMAN MEMORIAL SCHOLARSHIP (1942) — Established by the Werman family.

- 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.
- JACOB WINER MEMORIAL SCHOLARSHIP (1943) — Established by the Winer Family of Baltimore, Maryland, in memory of their father.
- MAX WINKLER MEMORIAL SCHOLARSHIP (1947) — Established by Regina Winkler.
- SOL WOLK AND SONS SCHOLARSHIP (1950) — Established by Jacob Wolk.
- YOUNG ISRAEL OF TREMONT SCHOLARSHIP (1953).
- DAVID ZEISEL MEMORIAL SCHOLARSHIP (1953).
- YOUNG MEN'S PHILANTHROPIC LEAGUE SCHOLARSHIP (1946).

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 before Commencement to graduates and undergraduate students selected by the College Faculty:

- AMERICAN CLASSICAL LEAGUE PRIZES — Given by the Yeshiva College chapter for excellence in the classical languages.
- AMERICAN LEGION MEDAL — Given by Richard J. McNally Post No. 263 for Patriotic Service.
- MINA BELKIN MEMORIAL AWARD — For outstanding service and devotion to the school.
- BITZARON PRIZE — For excellence in Hebrew literature.
- MUSHE COHEN MEMORIAL PRIZE — For proficiency in Bible.
- HARRY AND JANE FISCHEL MEMORIAL PRIZE — For a contribution to the study of American Jewish history.
- LEWIS AND CAROLINE FLEISCHER MEMORIAL PRIZE — For excellence in Political Science.
- RUTH GORDON MEMORIAL PRIZE — For excellence in Psychology.
- MENDEL AND SARAH GOTTESMAN MEMORIAL FUND AWARD — For scholarship, ethics, and character.
- JOSEPH GUNNER MEMORIAL PRIZE — For excellence in Mathematics.
- HISTADRUTH IVRITH PRIZE — For excellence in Hebrew Language and Literature.
- JOSEPH AND LENA HOENIG MEMORIAL PRIZE — For excellence in Talmud.
- JEWISH ACADEMY OF ARTS AND SCIENCES PRIZE — To the graduate who ranks highest in his college studies.
- JEWISH WAR VETERANS PRIZE — Given by the Major General Maurice D. Rose Post No. 188 for service and devotion to the school.
- RIVA SARAH KADIN MEMORIAL PRIZE — For proficiency in Talmud.
- MAURICE H. KATZ PRIZE — For Excellence in Physics.
- MORTIMER KOGON MEMORIAL AWARD — For outstanding leadership in student recreational activities.
- 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.
- BENJAMIN LEBSELTER MEMORIAL AWARD — For proficiency in Bible.
- EMILE G. LEMLER MEMORIAL PRIZE — For excellence in Science.
- ELI M. LEVINE PRIZE — For excellence in Chemistry.
- MR. AND MRS. LOUIS LEVINE PRIZE — For excellence in Mathematics.
- LITERARY SOCIETY FOUNDATIONS PRIZES — For excellence in German.
- MANISCHEWITZ PRIZE — For excellence in Philosophy.
- MUTUAL BENEVOLENT SOCIETY OF 1865, INC. PRIZE — For excellence in Biology.
- PHYSICAL EDUCATION PRIZE — For leadership in Physical Education.
- MEYER AND BELLA RHINE PRIZE — For excellence in Talmudic studies.
- JEROME ROBBINS MEMORIAL PRIZE — For the best original short story.

- SCRIPTA MATHEMATICA PRIZE — For the excellence in Mathematics.
ROSE RACHEL SIEGEL MEMORIAL PRIZE — For proficiency in Talmudic studies.
WOMEN'S BRANCH OF THE UNION OF ORTHODOX JEWISH CONGREGATION OF AMERICA PRIZE — For excellence in Chemistry.
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.
NATIONAL COUNCIL OF YOUNG ISRAEL PRIZE — For excellence in History.
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.

COURSES OF INSTRUCTION

Courses are listed alphabetically. Courses listed by title in parentheses will not be offered during the period covered by this catalog. In general, odd-numbered courses are given in the Fall and even-numbered in the Spring. The number of academic hours a week that each course meets is listed following its description; unless otherwise stated, one credit is granted for each hour.

Courses which extend through two successive semesters are designated as follows:

Courses in which the first is a prerequisite for the second and both must be taken in order to receive credit for either are *hyphenated* (e.g., Education 51-52).

Courses in which the first is a prerequisite for the second, but credit is given for the first course alone, are connected by a *comma* (e.g., Bible 37,38).

Courses which may be taken separately or in any order, and for which credit is given for each, are separated by a *semi-colon* (e.g., English 19;20).

BIBLE

BIBLE 1 TO 8 THE HEBREW BIBLE TEXT AND COMMENTARIES

Corequisite: Hebrew 01-02.

One credit.

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.

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

BIBLE 37, 38 ARAMAIC

For the description of this course, see Hebrew 37, 38.

BIOLOGY 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 1-2 GENERAL BIOLOGY

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 lecture and four laboratory hours; four credits each semester.

BIOLOGY 11a-12a COMPARATIVE EMBRYOLOGY AND ANATOMY OF VERTEBRATES

The development and structure of the various systems of the vertebrates will be discussed.

Prerequisite: Biology 1-2.

Two lecture and four laboratory hours;
four credits each semester.

BIOLOGY 14 GENETICS

Present-day problems of biology, including the laws of heredity, variation, 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

An introduction to the correlation of cytological observations and breeding experiments with the help of elementary biometric analysis.

Corequisite: Biology 14.

Four laboratory hours; two credits.

(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 lecture and four laboratory hours;
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 lecture and four laboratory hours;
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 lecture and four laboratory hours; four 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 and 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.

Two lecture and four laboratory hours; 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 lecture and four laboratory hours; four credits.)

BIOLOGY 21, 22 PHYSIOLOGY OF MAN

Professor Kisch

A study of the life processes in man.

Not for biology majors or premedical students.

Two hours.

(BIOLOGY 23, 24 PRINCIPLES OF BACTERIOLOGY

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

Prerequisite: Biology 1-2.

Two lecture and four laboratory hours; four credits.

CHEMISTRY 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 Isaacs and Mrs. Dobkin

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 lecture and three laboratory hours; four credits each semester.

CHEMISTRY 1a-2a GENERAL CHEMISTRY FOR NON-SCIENCE STUDENTS

Dr. Soloveichik and Mrs. Dobkin

This course covers some of the basic principles of the science with emphasis on the inorganic 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 lecture and three laboratory hours; three 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 lecture, one recitation and five 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.

Two lecture and six laboratory hours; five credits.

CHEMISTRY 13 ORGANIC CHEMISTRY I

Professor Levine

The chemistry of aliphatic compounds.

Prerequisite: Chemistry 12.

Three lecture and six laboratory hours; six credits.

CHEMISTRY 14 ORGANIC CHEMISTRY II

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 lecture and six laboratory hours; six credits.

**CHEMISTRY 13a, 14a ORGANIC CHEMISTRY FOR BIOLOGY AND
PREMEDICAL STUDENTS**

Prerequisite: Chemistry 12.

Three lecture and four laboratory hours; five credits.

CHEMISTRY 15, 16 PHYSICAL CHEMISTRY

Professor Isaacs

This covers the general laws of physical chemistry.

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

Three hours.

CHEMISTRY 15L, 16L EXPERIMENTAL PHYSICAL CHEMISTRY

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 lecture and three laboratory hours; three credits.

Admission by advance permission of the instructor only.

CHEMISTRY 21, 22 HISTORY OF CHEMISTRY

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

Prerequisite: Chemistry 1-2.

Two hours.)

ECONOMICS

ECONOMICS 1 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 1.

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 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 12.

Three hours.

EDUCATION*

EDUCATION 11-12 HISTORY AND PHILOSOPHY OF EDUCATION

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 the description of this course, see Psychology 16.

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

**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.

EDUCATION 51-52 AUDIOVISUAL EDUCATION

Mr. Pleskin

Special methods and materials of visual and auditory techniques in the learning process; laboratory experience with both visual and auditory equipment. Admission with permission of the instructor only.

Three hours, two credits.

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

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.

ENGLISH 1-2 COMPOSITION AND RHETORIC

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 3-4 SURVEY OF ENGLISH LITERATURE

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; 12 SHAKESPEARE *Professor Robinson*
 First semester, histories and comedies; second semester, the tragedies. Supplementary reading among his contemporaries.
 Prerequisite: English 3-4. Two hours.
- ENGLISH 15, 16 ENGLISH LITERATURE OF THE SEVENTEENTH 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; 20 THE ROMANTIC POETS *Professor Fleisher*
 First semester, Wordsworth, Coleridge, and Keats; second semester, Byron and Shelley.
- ENGLISH 21; 22 VICTORIAN LITERATURE *Professor Fleisher*
 First semester deals mainly with the poetry of Tennyson, the second with the works of Browning.
 Prerequisite: English 3-4. Two hours.
- ENGLISH 23, 24 CONTEMPORARY LITERATURE *Professor Linn*
 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. Two hours.
- ENGLISH 25, 26 AMERICAN LITERATURE *Professor Linn*
 A study of the development of American literature from its origin to 1890.
 Prerequisite: English 3-4. Three hours.
- ENGLISH 29, 30 WORLD LITERATURE *Professor Linn*
 Prerequisite: English 3-4. Three hours.
- ENGLISH 35, 36 CHAUCER *Professor Linn*
 Reading and study of Chaucer's chief works—*The Canterbury Tales* and the *Troilus and Criseyde*—with emphasis upon them as literary rather than linguistic texts.
 Prerequisite: English 3-4. Two hours.
- ENGLISH 41, 42 OLD ENGLISH *Professor Linn*
 An introduction to the study of Old English grammar and the reading of some of the simpler prose and poetry, including passages from the *Beowulf*.
 Prerequisite: English 3-4. Two hours.
- ENGLISH 43, 44 HISTORY OF THE ENGLISH LANGUAGE *Professor Linn*
 A systematic survey of the emergence of modern English after a study of some of the more common phenomena of Old and Middle English. Knowledge of Old English and Chaucer is helpful, though not essential, as background for this course.
 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.

ENGLISH 49 MODERN RHETORIC*Professor Wouk*

The professional use of the English language. Special reference will be made to the effective communication of ideas in the exercise of community leadership.

Prerequisite: English 1-2, 3-4 and BA degree or senior status in college. Limited to practicing rabbis or senior students in RIETS who expect to become practicing rabbis.

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

This course is designed to develop a taste for and an understanding of the pictorial arts. A survey of important developments in architecture, sculpture, painting and other arts, profusely illustrated with color slides. Masterpieces of representative styles and periods are analyzed aesthetically as individual works and also as expressions of the culture that produced them.

Two hours, one credit.

FINE ARTS 2 AN INTRODUCTION TO MUSIC*Professor 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*Professor K. Adler*

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. Some vocal experience is desirable but not required.

Two hours; one credit each semester.

FINE ARTS 7, 8 ELEMENTARY MUSICIANSHIP*Professor K. Adler*

Reading, sight singing, writing and playing (piano) of simple melodies, rhythms and harmonies. Some musical experience is desirable but not required.

Two hours.

FINE ARTS 9, 10 HARMONY*Professor K. Adler*

On the basis of ear training students will experience the structural force in music, predominantly harmony, and will develop their own creativeness by writing and arranging music of various kinds.

Prerequisite: Fine Arts 7 and 8.

Two hours.

FINE ARTS 11 MUSIC FROM ANTIQUITY TO THE RENAISSANCE*Professor 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, trouvères, 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

Professor Nallin

The study of music and musical practices in the seventh 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 *Professor 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

Professor 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 current 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, Shostakovitch, Prokofiev, etc.

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

FINE ARTS 15 SURVEY OF OPERATIC LITERATURE *Professor Nallin*

A direct study of the masterpieces of the musico-dramatic stage. Included are Mozart's "Don Giovanni", Beethoven's "Fidelio", von Weber's "Der Freischutz", Rossini's "Barber of Seville", Verdi's "La Traviata", and "Aida", Wagner's "Tristan" and "Die Meistersinger", Puccini's "La Bohème", Bizet's "Carmen" and other comparable works.

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

FINE ARTS 19, 20 VOICE CULTURE *Professor K. 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.

FINE ARTS 21 MODERN ART *Professor Chernowitz*

The pictorial arts are traced in their development from about 1800 to the present. Comparative study in all fields of visual expression correlated with their respective cultural surrounding, literary, musical, socio-logical, religious, economic, scientific, political, etc. Study and analysis of the successive movements and ideologies: Classicism, Romanticism, Realism, Impressionism, Neo-Impressionism, Symbolism, Fauvism, Futurism, Cubism, Expressionism, Surrealism, abstract and non-objective art.

Illustrated lectures, discussions, and assigned reports.

Prerequisite: Fine Arts 1 or permission of the instructor. Two hours.

FINE ARTS 22 THEORY OF ART AND AESTHETICS

Professor Chernowitz

A study of the origin and function of art correlated with cultural patterns. Analysis of the historical and contemporary conceptions of criticism, of the attempts to explore the grounds, and discover the principles of artistic criticism and the criteria of taste. Various approaches from the time of Aristotle down to the present. Analysis of form, media, and content of each of the major arts, painting, architecture, sculpture, music, literature. The psychological factors involved in the appreciation of specific aesthetic values governing the respective arts will be taken up while bringing out their interrelationship through the recognition of common art factors.

Illustrated lectures, discussions, assigned readings, and reports.

Prerequisite: Fine Arts 1 or permission of the instructor. Two hours.

FINE ARTS 23 HISTORY OF ART FROM THE RENAISSANCE TO THE
19TH CENTURY *Professor Chernowitz*

This history of architecture, sculpture, and painting from the Renaissance to the nineteenth century. Slides and visits to the city's various museums of art. Lectures, discussions, and reports.

Prerequisite: Fine Arts 1 or permission of the instructor. Two hours.

FRENCH 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 *Professor Braun*

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 *Professor Braun*

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 11 CONTEMPORARY FRENCH LITERATURE I

A study of the works of such authors as Baudelaire, Verlaine, Mallarmé, Rimbaud, Bourget, France, Barrès, Roland, Gide, and Proust. Wide readings among the authors discussed, with frequent reports based upon supplementary reading. Conducted entirely in French.

Prerequisite: French 4. Three hours.

FRENCH 12 CONTEMPORARY FRENCH LITERATURE II

Professor Braun

This course is a continuation of French 11. A study is made of the most important novels, plays, poems, and essays which reveal the principal tendencies and aspirations of French literature since the end of the First World War. Wide readings among the authors discussed, with frequent reports based upon supplementary reading. Conducted entirely in French.

Prerequisite: French 11 or special permission of instructor. 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 14 MODERN NOVEL

Professor Braun

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

Prerequisite: French 4. Three hours.

FRENCH 15-16 INTRODUCTION TO SCIENTIFIC FRENCH

Professor Chernowitz

Essentials of French grammar, elementary reading in scientific French, and translation. This elective course is for students majoring in the sciences who wish a working knowledge of scientific French. Not open to those who have taken any French in High School. Three hours.

FRENCH 21 ADVANCED COMPOSITION

Professor Braun

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 MOLIÈRE

Professor Braun

Study and discussion of the principal plays of this dramatist.

Prerequisite: French 4. Two hours.

FRENCH 28 BALZAC

Professor Braun

Analysis of some of Balzac's better known works.

Prerequisite: French 4. Two hours.

(FRENCH 29 ANATOLE FRANCE

Reading of some short stories and several of his novels.

Prerequisite: French 4. Two hours.)

A student majoring in German is required to take **GERMAN 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 01-02 ELEMENTARY GERMAN

Professor Rosenberg

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 1-2 INTERMEDIATE COURSE

Professor Rosenberg

Reading in classical German literature, poetry and modern prose.

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

Three hours.

GERMAN 3-4 SURVEY OF GERMAN LITERATURE

Professor Rosenberg

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

Prerequisite: German 1-2.

Three hours.

GERMAN 7-8 INTRODUCTION TO SCIENTIFIC GERMAN

Professor Rosenberg, Dr. Prijs

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. Not open to students who have had any German in high school. Three hours.

- (GERMAN 9, 10 SCIENTIFIC GERMAN
Prerequisite: German 7-8 or equivalent. Two hours.)
- (GERMAN 11 CONTEMPORARY GERMAN LITERATURE
A survey of German literature from 1880-1930. Lecture and reports.
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 21, 22 ADVANCED COMPOSITION
Two hours.)
- (GERMAN 23; 24 ADVANCED READING IN LITERATURE, PHILOSOPHY,
HISTORY AND THEOLOGY
Prerequisite: German 2 or equivalent. Two hours.)
- STUDIES IN INDIVIDUAL AUTHORS AND THEIR WORKS
Prerequisite: German 2 or equivalent.
Two or three hours; two or three credits.
- | | |
|--------------------|-----------------|
| 17. GOETHE | 25. HEINE |
| 18. GOETHE'S FAUST | 26. THOMAS MANN |

GREEK AND LATIN 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 01-02 ELEMENTARY GREEK *Professor Floch*
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.
- GREEK 1-2 HOMER *Professor Floch*
Selections from the Iliad and Odyssey. Study of Homeric dialect and question. Cretan-Mycenean culture, and archeological findings.
Prerequisite: Greek 1-2. 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 2. 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 01-02 AN INTRODUCTION TO LINGUISTIC SCIENCE THROUGH
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's *Historiae* are read.

Three hours.

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

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 by reading specimens of the earliest remains of Roman literature and Latin epigraphy.

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.

LATIN 7-8 LATIN AND GREEK IN PRACTICAL USE

An analytic approach to the study of Latin and Greek elements in English words and the cultural and linguistic backgrounds of scientific Graeco-Latin coinages. The relation between Language and Science, the evolution of modern terminology, the basic facts of Latin and Greek morphology, the principles of semantics and scientific etymology will be discussed and practiced. The purpose of the course is to increase the student's linguistic comprehension by giving reality to Latin and Greek factors and to enable him to develop a well-integrated picture of the forces helpful in the building of an internationally accepted vocabulary.

Recommended for Premedical and Pre dental Majors. Other students may be admitted with permission of instructor.

Three hours.

A student majoring in Hebrew is required to take **HEBREW** 18 credits in Hebrew, not including Hebrew 01-02; also one year of Jewish Philosophy, two years of Jewish History, four years of Bible, and one-half year of Jewish Sociology. Teachers Institute Students majoring in the College must follow these requirements:

The first four terms in College (provided they are in class 3 or higher) they are to transfer each term 2 credits of Hebrew and 2 credits of Jewish History from TI to Yeshiva College. The next four terms

they are to transfer 2 credits in Hebrew only (total transferred 16 credits in Hebrew, 8 in History). Also: four credits taken from those college courses in Hebrew which do not overlap with TI courses (i.e., at present, Hebrew 17, 18, 19 and 37 and 38); 1 year of Jewish Philosophy; ½ year of Jewish Sociology.

It is recommended that the required foreign language be German or Greek.

HEBREW 01-02 ELEMENTARY HEBREW

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

HEBREW 1-2 INTERMEDIATE COURSE

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 3-4 SURVEY OF MODERN HEBREW LITERATURE

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, Berditchevsky, Tschernichowsky, Brenner.

Prerequisite: Hebrew 1-2 or equivalent. Three hours.

HEBREW 9, 10 POST-BIBLICAL AND MEDIEVAL LITERATURE

Study of the development of Hebrew literature from the close of the Biblical period through the Medieval period. Selected from the Apocrypha, the early Paitanim, the Medieval philosophical and secular literature, and the liturgical and secular poetry of the Golden Age in Spain. Emphasis on Maimonides, Yehudah Halevi, and Ibn Gabirol.

Prerequisite: Hebrew 3-4 or equivalent. Three hours.

HEBREW 13 ADVANCED HEBREW GRAMMAR

Study of Hebrew syntax and grammar. The history of the Hebrew grammar. Varieties of construction and idioms.

Prerequisite: Hebrew 3-4 or equivalent. Three hours.

HEBREW 14 ADVANCED HEBREW COMPOSITION

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.

Prerequisite: Hebrew 3-4 or equivalent. Three hours.

HEBREW 15 THE MODERN HEBREW ESSAY

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.

Prerequisite: Hebrew 3-4 or equivalent. Three hours.

HEBREW 17 CONTEMPORARY HEBREW PROSE

Study of the Hebrew short story and novel between the two World Wars. Selected readings from the works of Kabak, Burla, Barash, Agnon, Shenberg, and Yizhar, and others.

Prerequisite: Hebrew 3-4 or equivalent. Three hours.

HEBREW 18 CONTEMPORARY HEBREW POETRY

Study of Hebrew poetry between the two World Wars; selected readings from the works of Shneur, Yaakov Cohen, Shimonowitz, Shlonsky, Sh. Shalom, Lamdan, U. Z. Greenberg, and others.

Prerequisite: Hebrew 3-4 or equivalent. Three hours.

HEBREW 19 BIALIK

Close study of the prose and poetry of Bialik with emphasis on the major motives and themes in his writings and an analysis of his style.

Prerequisite: Hebrew 3-4 or equivalent. Two hours.

HEBREW 21, 22 HISTORY OF HEBREW LITERATURE

A comprehensive study of the major periods, forces, movements, ideas, and writers in the last two thousand years of Hebrew literature. Extensive readings.

Prerequisite: Hebrew 3-4 and permission of the instructor. Three hours.

HEBREW 37, 38 ARAMAIC

Grammatical structure of the Aramaic dialects: Biblical Aramaic—Daniel and Ezra; Specimens of Aramaic papyri and the Targumim; the idiom of the Babylonian and Palestinian Talmuds.

Open to Teachers Institute or Yeshiva College seniors only.

Prerequisite: Hebrew 3-4 in college or Hebrew 5a-b in TI.

May be substituted for Bible 7; 8. Two hours.

TEACHERS INSTITUTE COURSES

With permission, the following courses given in the Teachers Institute may be transferred for college credit. Each course is two credits a semester.

Hebrew 3a-b Modern Hebrew Prose

3c-d Intermediate Hebrew Grammar

4a-b Medieval Hebrew Literature - Texts

4c-d Hebrew Literature of the Second Commonwealth

5a-b Modern Hebrew Poetry

5c-d Medieval Hebrew Literature - History

6a-b Contemporary Hebrew Literature

A student majoring in History is required to take **HISTORY** History 1-2, 25-26, 35-36, and 4 additional elective credits in History; also any four of the following: (1) Economics 1 (2) Philosophy 1-2 (3) Political Science 1 or 33 (4) Psychology 1 (5) Sociology 1.

HISTORY 1-2 HISTORY OF CIVILIZATION

Professors Brody and 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 CIVILIZATION

A survey of the major achievements in art, science, philosophy, and politics during the Hellenic and Hellenistic periods.

Prerequisite: History 1-2. Two hours.

HISTORY 19 ROMAN CIVILIZATION

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

Prerequisite: History 1-2.

Two hours.

HISTORY 20 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 21 THE RENAISSANCE

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

Prerequisite: History 1-2.

Two hours.

HISTORY 22 THE REFORMATION

A survey of the religious developments and political and intellectual movements in Europe in the sixteenth and seventeenth centuries.

Prerequisite: History 1-2.

Two hours.

HISTORY 23 EUROPE IN THE 17TH AND 18TH CENTURIES

Prerequisite: History 1-2.

Two hours.

HISTORY 24 EUROPE FROM 1789 TO 1870

Prerequisite: History 1-2.

Two hours.

HISTORY 25 EUROPE FROM 1870 TO 1918

Professor Margalith

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 26 EUROPE SINCE 1918

Professor Margalith

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 1-2.

Three hours.

HISTORY 29; 30 ENGLISH CONSTITUTIONAL HISTORY

Professor Guterman

For the description of this course, see Political Science 29.

Three hours.

HISTORY 31, 32 THE UNITED STATES: COLONIAL PERIOD AND REVOLUTION

Two hours.

HISTORY 35, 36 SURVEY OF UNITED STATES HISTORY

Professor Brody

This course treats those aspects of American history from the Colonial period to the present that have contributed to the shaping of American culture. Throughout, attention will be directed to an evaluation of political, social, and economic trends in the light of changing ideals. In the first semester, the period from Colonial times to 1865 is studied. In the second semester, in which emphasis is placed on the major persistent problems of American life, and the resulting ideas and issues, the period from 1865 to the present is covered.

Three hours.

HISTORY 101-102 SURVEY OF JEWISH HISTORY

Professor Agus

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

Three hours.

HISTORY 103-104 ANCIENT JEWISH HISTORY *Professor Agus*

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, 110 AMERICAN JEWISH HISTORY *Professor Grinstein*

A history of the Jews in the United States from the earliest times to the present with emphasis upon social, cultural, and communal development (especially that of the Jewish community of New York). First semester, Colonial times to Civil War; second semester, Civil War to the present.
Two hours.

TEACHERS INSTITUTE COURSES

With permission, the following courses given in the Teachers Institute may be transferred for college credit. Each course is two credits a semester.

- History 3a-b Survey of Jewish History
- 4a-b Ancient Jewish History
- 5a-b Medieval Jewish History
- 6a-b Modern Jewish History

HYGIENE

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

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

(See GREEK AND LATIN)

LATIN

A student majoring in Mathematics is **MATHEMATICS** 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

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 1-2 MATHEMATICAL ANALYSIS

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, 12 CALCULUS**
 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, 14 DIFFERENTIAL EQUATIONS**
 First semester, ordinary differential equations. Applications to problems in physics and geometry. Second semester, equations in more than two variables. Introduction to partial differential equations. Special problems.
 Prerequisite: Mathematics 12. Three hours.
- MATHEMATICS 15, 16 THEORY OF NUMBERS**
 The properties of integers and the methods of algebra and calculus available in their study.
 Prerequisite: Mathematics 1-2. Three hours.
- MATHEMATICS 17, 18 PROJECTIVE GEOMETRY**
 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, 20 THEORY OF EQUATIONS**
 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 21-22 HISTORY OF MATHEMATICS**
 The development of mathematics from antiquity to recent times.
 Prerequisite: Mathematics 1-2. Three hours.
- MATHEMATICS 23, 24 ADVANCED CALCULUS**
 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 12. Three hours.
- MATHEMATICS 25, 26 RECREATIONAL MATHEMATICS**
 Mathematics as a source of pleasure. The role played by recreational problems in the development of mathematics. Zeno's paradoxes. Number plesantries 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, 28 THEORY OF FUNCTIONS**
 Functions of the complex variable, with geometric and physical applications.
 Prerequisite: Mathematics 12. Three hours.
- MATHEMATICS 31, 32 ACTUARIAL MATHEMATICS**
 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 35-36 VECTOR ANALYSIS**
 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 12. Two hours.

A student majoring in Philosophy is required to take Philosophy 1-2, 11, 12, 21, 31; also **PHILOSOPHY**

Psychology 1, 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 1.

PHILOSOPHY 1-2 ANCIENT AND MEDIEVAL PHILOSOPHY

Professor Litman

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.
Prerequisite: Philosophy 1-2.

PHILOSOPHY 12 CONTEMPORARY PHILOSOPHY

Professor Litman

The chief contribution of such philosophers as Bergson, James, Dewey, Russell, Santayana and Whitehead, will be studied. Three hours.
Prerequisite: Philosophy 11.

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 *Professor Kisch*

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

PHILOSOPHY 25-26 PROBLEMS IN THE PHILOSOPHY OF SCIENCE

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

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. Three hours.
Prerequisite: Philosophy 1-2, 11, 21.

PHILOSOPHY 53; 54 GENERAL ETHICS

Study of selected ethical texts from Socrates to Kant, and their history and development. Lectures, discussion, 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; 102 INTRODUCTION TO JEWISH PHILOSOPHY

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 FOUNDATIONS OF JUDAISM *Rabbi Singer*

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.

PHILOSOPHY 109; 110 READINGS IN MEDIEVAL JEWISH PHILOSOPHY

Prerequisite: Hebrew 4 or equivalent. Two hours.

PHYSICAL EDUCATION A course in physical education is required every semester of attendance at Yeshiva College. Students with physical defects and handicaps will not be excused from Physical Education but will be assigned to special classes with the approval of the Medical Director. No student may take more than one course in this subject any semester. No more than a total of eight credits may be counted toward the Bachelor of Arts degree. Students have their choice of the activities listed below. No designation of the activities chosen appears on the record; the numerical designation used is the class in which the student is enrolled (in Recreational Leadership courses prefixed by the numeral "1").

PHYSICAL EDUCATION 1 TO 8 PHYSICAL TRAINING

Two hours; one-half credit each semester.

- A. First Aid *Professor Hurwitz*
Instruction and Red Cross certification in First Aid techniques and practice.
- B. Corrective Physical Education *Professor Wettstein*
Individual corrective exercise and adapted activities. Approval of University Medical Director required.
- C. Physical Fitness *Professors Wettstein and Tauber*
Increased physical efficiency through the use of graded exercises and activity.
- D. Swimming and water safety *Professor Hurwitz and Staff*
Beginners, intermediate, and advanced swimming instruction. Red Cross certification available. Beginner's swimming test completion required prior to graduation.
- E. Individual Athletics *Professors Wettstein and Tauber*
Instruction in the fundamentals of individual sports.
- F. Seasonal Sports *Professors Wettstein and Tauber*
Instruction and practice in the fundamentals of team sports.
- G. Combatives *Professor Tauber*
Instruction and practice in the fundamentals of self-defense techniques involved in boxing, wrestling, jiu-jitsu and hand-to-hand combat.
- H. Athletic Officiating *Professor Wettstein*
Instruction and practice in the art of officiating in major team sports for college, high school, community centers and camps.
- I. Weight Lifting *Professors Hurwitz, Wettstein and Tauber*
Use of heavy resistive exercises for body building.
- J. Fencing *Professor Tauber*
Instruction and practice in techniques for beginners, intermediates, and advanced students.
- K. Leadership in Physical Education *Professors Hurwitz, Wettstein and Tauber.*

A course designed to develop leadership techniques in physical education activities.

PHYSICAL EDUCATION 11 TO 18 RECREATIONAL LEADERSHIP

Professor Hurwitz

Theory and practice in the organization and direction of recreational activities for use in educational institutions, recreation centers, camps and community centers. Instructor's courses in First Aid and Swimming.

Admission with the permission of the instructor only.

One lecture and one or two laboratory hours; one or two credits.

PHYSICS 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.

Prerequisite or corequisite: Mathematics 1-2.

Three hours; three laboratory hours; four credits.

PHYSICS 11-12 ANALYTICAL MECHANICS

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 13-14 ELECTRICITY AND MAGNETISM

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 THERMODYNAMICS

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. Mathematics 11, 12.

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. Mathematics 11, 12.

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, 11-12; Mathematics 11, 12.

Three hours.

PHYSICS 19-20 INTRODUCTION TO MODERN PHYSICS

Professor Lowan

An elementary exposition of the electron theory, cathode rays, X-rays, radioactivity, atomic energy, quantum theory and the theory of relativity.

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 or four laboratory hours; two or three credits.

PHYSICS 25 INTRODUCTION TO THEORETICAL PHYSICS

A study of typical initial and boundary value problems in electrostatics, heat conduction, wave motion, and electric circuit theory.

Prerequisites: Physics 11, 12, Mathematics 11, 12.

Prerequisites or corequisites: Physics 13, 14, Mathematics 13, 14.

Three hours.

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

POLITICAL SCIENCE 1 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 world power with its duties and opportunities. The text book is supplemented by lectures and students' reports. Three hours.

POLITICAL SCIENCE 25 HISTORY OF POLITICAL THEORY

Professor Rackman

This course traces the history of thought concerning the nature and role of the state from ancient times to the present. First semester, ancient times to Machiavelli, with special attention to theories of law and justice. Second semester, Machiavelli to the present with special attention to the influence of such thought on the establishment and development of American government. Prerequisite: One year of Philosophy or Political Science. Two hours.

POLITICAL SCIENCE 27, 28 JURISPRUDENCE *Professor Rackman*

First semester: significance of philosophy for the Law; sources and authoritative forms of the Law; analysis of concepts of property, contract, tort and crime. Second semester: general theories of the Law, e.g., the natural law, historical school, utilitarian and other theories, and the nature of the judicial process.

Prerequisite: One year of Philosophy or Political Science. Two hours.

POLITICAL SCIENCE 29; 30 ENGLISH POLITICAL AND CONSTITUTIONAL HISTORY *Professor Gutterman*

A study of the political history and the legal governmental institutions of England from the Anglo-Saxon period to the present. First semester to 1603; second semester, from 1603 to the present.

Prerequisite: Political Science 1. Three 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 1. 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 1. Three hours.

PSYCHOLOGY A student majoring in Psychology is required to take 18 credits in Psychology, not including Psychology 1; also Sociology 15 and Mathematics 1-2. 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 1 (for students interested in clinical psychology).

PSYCHOLOGY 1 GENERAL PSYCHOLOGY *Professor H. Adler*

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 *Professor H. Adler*

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 1 and Sociology 15. Three hours.

PSYCHOLOGY 16 EDUCATIONAL PSYCHOLOGY *Professor H. Adler*

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

Prerequisite: Psychology 1. Three hours.

PSYCHOLOGY 19 EXPERIMENTAL PSYCHOLOGY I *Professor H. Adler*

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 1.
One lecture and three laboratory hours; three credits.

An elementary laboratory fee is charged.

PSYCHOLOGY 20 EXPERIMENTAL PSYCHOLOGY II *Professor H. Adler*

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 lecture and three laboratory hours; three credits.
An elementary laboratory fee is charged.

PSYCHOLOGY 23 ABNORMAL PSYCHOLOGY *Professor H. Adler*

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 1. Three hours.

PSYCHOLOGY 31 SOCIAL PSYCHOLOGY *Professor Delatour*

The individual in the group. Types and stratification. Conflict and consent. Group standards and attitude formation. Public opinion and leadership. Analysis of studies in social behavior.

Prerequisite: Psychology 1. Three hours.

PSYCHOLOGY 32 PHYSIOLOGICAL PSYCHOLOGY *Professor H. Adler*

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 1. Three hours.

PSYCHOLOGY 33 PSYCHOLOGY OF PERSONALITY *Professor H. Adler*

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

Prerequisite: Psychology 1. Three hours.

PSYCHOLOGY 34 COMPARATIVE PSYCHOLOGY *Professor H. Adler*

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 1. Three hours.

PSYCHOLOGY 35 CHILDHOOD DEVELOPMENT

Dr. Aronson

A consideration of the biological, psychological, and social factors which enter into the development of the child; also, a discussion of some correlations between childhood development and adult personality formation.

Prerequisite: Psychology 1.

Two hours.

PSYCHOLOGY 36 PSYCHOLOGY OF ADJUSTMENT

Dr. Aronson

A discussion of the various psychological mechanisms utilized by individuals to resolve conflicts and to adjust to their life situations. Illustrative case histories will be presented.

Prerequisite: Psychology 1.

Two hours.

A student majoring in Sociology is required to take Sociology 1 and 18 additional credits, **SOCIOLOGY**

including at least one course from each of the following groups: (1) 14, 15 (2) 17, 18, 19, 20, or 21 (3) 23 or 24 (4) 31 or 32. In addition four of the following courses must be taken: (1) Economics 1 (2) History 1-2 or 35-36 (3) Philosophy 21 or 1-2 (4) Political Science 1 (5) Psychology 1; also such additional courses, not exceeding 15 credits, as may be prescribed by the instructor in each case.

Students contemplating graduate work in Sociology should take German or French as their required language.

Students also are advised to take as many of the following courses as possible: Economics 13, 14; Philosophy 21, 31; Political Science 25, 26; Psychology 31, 33.

SOCIOLOGY 1 INTRODUCTION TO SOCIOLOGY

Professor Goldberg

A systematic study of group life and social relationships especially in modern society; analysis of social processes, forces, and structures; individual and society; collective behavior; socio-cultural continuity and change.

Three hours.

SOCIOLOGY 12a SOCIAL ORGANIZATION

Professor Delatour

Structure of modern society. Social status. Professions, castes and classes. Institutions and social control. The State. Theories of social order and religious foundations of law and morals.

Prerequisite: Sociology 1.

Three hours.

(SOCIOLOGY 13 COMMUNITY ORGANIZATION

Three hours.)

SOCIOLOGY 14 METHODS OF SOCIAL RESEARCH

Professor Goldberg

Logical foundations of the scientific method; development of concept and hypothesis; sampling techniques; research design; questionnaire; interview; personal documents; scaling techniques; the use of published and other sources of information; analysis and interpretation of data.

Prerequisite: Sociology 1.

Three hours.

SOCIOLOGY 15, 16 STATISTICAL METHODS

Professor Goldberg

A study of fundamental statistical concepts and methods; measures of central tendency and variability; the normal probability curve and its applications; correlations and contingency; reliability and significance of differences; analysis of variance; index numbers; time series; collection, analysis, and interpretation of statistical data.

Three hours.

SOCIOLOGY 17 THE FAMILY

Professor 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.

Prerequisite: Sociology 1.

Two hours.

- SOCIOLOGY 18 CRIMINOLOGY** *Professor Goldberg*
 Delinquent and criminal behavior in modern society; extent and patterns of such behavior; factors in criminality; treatment of criminals; prevention of crimes.
 Prerequisite: Sociology 1. Two hours.
- SOCIOLOGY 19 URBAN SOCIETY** *Professor Goldberg*
 Rise and development of cities and metropolitan centers; trends in urbanization; types of cities; their ecological, demographic, ethnic, economic, social, and cultural characteristics; patterns of interaction and social relationships; personality types, social control; housing, city planning.
 Prerequisite: Sociology 1. Two hours.
- SOCIOLOGY 20 ETHNIC GROUPS IN THE UNITED STATES** *Professor 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.
 Prerequisite: Sociology 1. Three hours.
- SOCIOLOGY 21 DEMOGRAPHY** *Professor Goldberg*
 An analysis of popularity trends in relation to resources; changes in birth and death rates; span of life and morbidity; social and other causes and effects of these changes; immigration; population policies; population theories; collection, analysis, and interpretation of demographic data.
 Prerequisite: Sociology 1. Three hours.
- SOCIOLOGY 22 SOCIOLOGY OF INDUSTRIAL RELATIONS** *Professor Delatour*
 Industrial revolution, the labor movement, collective bargaining, arbitration in strikes, social security measures, wage policies, management and unions.
 Three hours.
- SOCIOLOGY 23-24 SOCIOLOGICAL THEORIES** *Professor Delatour*
 A survey of sociological theories before the 19th century and an analysis and evaluation of leading sociological school and systems since Auguste Comte.
 Prerequisites: Sociology 1. Two hours.
- SOCIOLOGY 26 PUBLIC OPINION** *Professor Goldberg*
 Nature and function of public opinion; agencies forming and influencing opinion; role of media of communication; impact of public opinion upon public policy; change and control of public opinion in different societies; measurement and analysis of public opinion.
 Prerequisite: Sociology 1. Three 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

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

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 1-2 INTERMEDIATE COURSE *Professors Sas, Chernowitz*

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 3-4 SURVEY OF SPANISH LITERATURE *Professor Sas*

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

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 I

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 FUNDAMENTALS OF SPEECH II

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.)

UNATTACHED COURSES

FRESHMAN ORIENTATION

Professor Young

For a description of this course see page 20. Required for all new students.
One hour, no credit.

LIBRARY TECHNIQUES AND RESEARCH METHODS

Mr. Zeides

Open only to Juniors and Seniors.

Two hours, one credit.

SCRIPTA MATHEMATICA

A quarterly journal devoted to the philosophy, history and expository treatment of mathematics, edited by Professor Jekuthiel Ginsburg of Yeshiva University, 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 of Columbia University; Professor Maurice Kaitchik of Brussels; Professor Gino Loria of the University of Genoa; Professor William D. Reeve of Teachers College, Columbia University; Professor Victor Thébault of Sarthe, France.

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

SCRIPTA MATHEMATICA LIBRARY

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.

- Vol. 1. Poetry and Mathematics, and Other Essays, by Professor David Eugene Smith.
- Vol. 2. Mathematics and the Question of Cosmic Mind, With Other Essays, by Professor Cassius Jackson Keyser.
- Vol. 3. Scripta Mathematica Forum Lectures, Addresses by Professors Cassius Jackson Keyser, David Eugene Smith, Edward Kasner, and Walter Rautenstrauch, delivered at the Forum of the Society of Friends of Scripta Mathematica.
- Vol. 4. Fabre and Mathematics, and Other Essays, by Lao Genevra Simons.
- Vol. 5. Galois Institute Lectures, Addresses by Professors Jesse Douglas, Philip Franklin, Leopold Infeld, and Cassius Jackson Keyser, delivered at the Galois Institute of Mathematics of Long Island University.

PICTORIAL MATHEMATICS

- I-II. Portraits of Eminent Mathematicians, with biographies by David Eugene Smith. Two portfolios.
- III. Portraits of famous Philosophers who were also Mathematicians, with biographies by Professor Cassius Jackson Keyser.
- IV. Portraits of Physicists, with biographies by Professor Henry Crew.
- IV. Mathematical Models and Designs by Rutherford Boyd.

OTHER SCRIPTA PUBLICATIONS

- Bibliography of Early American Textbooks on Algebra, by Lao Geneva Simons.
- Everyman a Millionaire, by David Dunham.
- The Human Worth of Rigorous Thinking, by Professor Cassius Jackson Keyser.
- The Rational and the Superrational, by Professor Cassius Jackson Keyser.
- Mathematics as a Culture Clue, by Professor Cassius Jackson Keyser.
- Thinking About Thinking, by Professor Cassius Jackson Keyser.
- A Treatise on Algebra, Volumes I and II, by George Peacock. A Facsimile Reprint of the 1842-1845 Edition.
- Visual Aids in the Teaching of Mathematics, 80 single plates illustrating various phases of mathematics.
- Collection of Papers in Memory of Sir W. R. Hamilton.
- Mathematical Table-Makers: Portraits and Biographies, by Professor Raymond Claire Archibald.
- Jacob Steiner's Geometrical Construction, translated and edited by Professor Raymond Claire Archibald and Professor Marion Elizabeth Stark.
- Survey of the Theory of Integration, by Professor Jesse Douglas.
- The Four-Color Problem, by Professor Philip Franklin.
- One hundred pamphlets dealing with various mathematical subjects.
- Illustrated mathematical postal cards.

UNIVERSITY MUSIC DEPARTMENT

In addition to the regular courses it offers (see Fine Arts, pp. 34-36), the University Music Department (Professor Karl Adler, Director) conducts the following activities, which are also open to College students without credit and fee.

Cantorial workshop: Basic cantorial training including vocal and musical elements. The training takes 2 or 3 years, depending on the individual student's experience and qualifications. Upon the successful conclusion of the Workshop the student receives a certificate. Prerequisites or corequisites: Fine Arts 3, 4 (or 5, 6); 7, 8; 19, 20; or equivalents.

Choral group: Songs in various languages, predominantly Hebrew. Participation in performances. Training for group-leading in service, school or community. Good opportunities for soloists.

Instrumental group: Ensemble playing by various instruments. Participation in performances. Prerequisite: elementary instrumental experience.

Voice clinic: Consultation on vocal matters. Vocal advice and guidance rather than individual instruction.

Instrumental practice: There are facilities for piano practice at the University. A number of instruments, predominantly violins, may be borrowed by students from the Music Department.

For details concerning the activities listed above watch the bulletin board of the University Music Department.

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 Aarn 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, N. Y., 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).
- Honorable Thomas E. Dewey, Governor of the State of New York, Doctor of Laws (1951).
- Rabbi Jacob Hoffman, Congregation Ohab Zedek, New York, Doctor of Divinity (1951).

- Dr. Lewis A. Wilson, Commissioner of Education of the State of New York, Doctor of Humane Letters (1951).
- Honorable Simcha Assaf, Justice of the Supreme Court of Israel and Professor of Gaonic Literature at the Hebrew University of Jerusalem, Doctor of Laws (1951).
- Honorable James G. McDonald, Former United States Ambassador to Israel, Doctor of Laws (1951).
- Dr. Leo M. Davidoff, Director of Neuro-Surgery, Beth Israel Hospital, New York, Doctor of Humane Letters (1952).
- Dr. Martha M. Eliot, Chief of the Children's Bureau, Federal Security Agency, Doctor of Humane Letters (1952).
- Dr. Julius M. Rogoff, Professor Emeritus of Endocrinology, University of Pittsburgh Medical School, Doctor of Humane Letters (1952).
- Honorable Nathaniel L. Goldstein, Attorney General of the State of New York, Doctor of Laws (1952).
- Dr. Harry J. Carman, Dean Emeritus, Columbia College, Doctor of Laws (1952).
- Dr. Marcus D. Kogel, Commissioner of Hospitals, City of New York, Doctor of Humane Letters (1952).
- Mrs. Franklin D. Roosevelt, Chairman, Committee of Human Rights, United Nations Economic and Social Council, Doctor of Humane Letters (1952).
- Dr. Bela Schick, former head of the Department of Pediatrics at Mount Sinai Hospital, New York, Doctor of Humane Letters (1952).
- Samuel Leib Sar, Dean of Men and Professor of Bible, Yeshiva University, Doctor of Divinity (1953).
- Honorable Vincent R. Impellitteri, Mayor of the City of New York, Doctor of Humane Letters (1953).
- Honorable Learned Hand, Judge of the United States Court of Appeals for the Second Circuit, Retired, Doctor of Laws (1953).

RECIPIENTS OF THE BACHELOR OF ARTS DEGREE

- Abel, Solomon '38
 Abelow, Aaron '44
 Abelow, Joseph '48
 Abramowitz, Meyer '41
 Abramson, Arthur Seymour '49
 Abrams, Jerry '48
 Ackerman, Jack '41
 Adams, Theodore '36
 Adelman, Jack '53
 Adelman, Samuel '38
 Adler, Jack Howard '51
 Adler, Jacob '46
 Adler, Joseph '41
 Agress, Hyman '53
 Agus, Jacob '33
 Albeck, Ira '52
 Alster, Jack '49
 Appel, Gersion '38
 Applbaum, J. Shelley '44
 Applebaum, Martin Louis '48
 Appleman, Joseph '47
 Appleman, Morris '45
 Aranoff, Hyman '36
 Aranov, Maurice Moshe '47
 Arbesfeld, Hyman '53
 Arian, Philip Manuel '50
 Arond, Lionel '43
 Aronowsky, Meyer '48
 Aronson, Leonard Jonah '52
 Aronson, Seymour '50
 Atkin, Abraham '44
 Auerbach, Bernard '45
 Auerbach, Leo '44
 Augenstein, Milton '50
 Auster, Simon Leo '52
 Avrach, Abraham '40
 Avrutick, Abraham Noah '34
 Azneer, Leonard J. '41
- Baer, Aaron '43
 Bahn, Charles '51
 Bahn, Saul Leo '53
 Barasch, Philip '37
 Bard, Isaiah '40
 Barenholtz, Mervin Saul '50
 Basch, Alvin '53
 Beck, Jacob '50
 Beckerman, Joseph Saul '49
 *Beckerman, Meyer '45
 Beer, Samuel '41
 Beitner, Zvi '50
 Bell, Morris H. '44
 Bender, Karpol '53
 Bennett, Ephraim '37
 Berenson, Lewis Jay '53
- Berger, Donald Joseph '49
 Berger, Herbert '46
 Berger, Morris '47
 Berger, Samuel '53
 Berkowitz, Julius '48
 Berkowitz, Ralph Harold '47
 Berman, Abraham '52
 Berman, Sholim '46
 Bernfeld, Bernjamin '38
 Bernstein, Louis '47
 Bernstein, Michael '36
 Berzon, Bernard '35
 Besdin, Abraham '45
 Besdin, Morris '36
 Bienenfeld, Marvin S. '53
 Bienenstock, Harry '53
- Bilus, Israel '51
 Birnbaum, Ervin '53
 Black, M. Elias '40
 Blass, Jerome '44
 Blatt, Jacob '48
 Blau, Robert '51
 Blech, Meyer '47
 Blech, Samuel '45
 Bloch, Menachem '47
 Block, Asher '35
 Block, Daniel '46
 Block, Zelick Lionel '43
 Bloom, Elihu Hyman '39
 Bloom, Marvin '51
 Bloom, Samuel '46
 Bolensky, Harry '43
 Bomzer, Herbert Wallace '49
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 Borenstein, Leo Abraham '52
 Botnick, Solomon '51
 Brand, Aaron '53
 Brand, Philip '33
 Brandes, Abraham A. '37
 Brener, Mordko '51
 Brener, Pynchas '52
 Brickman Seymour, '53
 Bronstein, Jacob '40
 Bronznick, Norman '44
 Broustein, Gershon '52
 Brown, Barry S. '50
 Brussel, Marvin Alfred '50
 Buchman, Abraham '50
 Bulman, Nathan '46
 Bunim, Melvin Amos '50
 Burack, Louis '53
- Caplan, Philip Judah '48
 Cassel, Abraham '37
 Cassel, Louis '37
- Chanofsky, David Harry '53
 Chanover, Hyman '41
 Charlop, Zbulun '51
 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, Arthur '46
 Cohen, Gabriel '48
 Cohen, George '42
 Cohen, Harry '51
 Cohen, Ismael '51
 Cohne, Mitchel '46
 Cohen, Morris Abraham '49
 Cohen, Samuel Lee '48
 Cohen, Seymour Israel '47
 Cohen, Sol '51
 Cohen, Stanley '44
 Comet, Theodore '46
 Cooper, Louis '52
 Cooper, Milton '39
 Cooperband, Jack '41
 Coopersmith, Stanley '46
 Corn, Joel '44
 Crandell, Max '37
- Dachowitz, Pincus '41
 Danishefsky, Isadore '44
 Danishefsky, Joel Eli '53
 Danzig, Howard '51
 Darshin, Harry '43
 Davidman, Ruben '52
 Decter, Aaron '33
 Dembowitz, Morris '36
 Denburg, Chaim N. '42
 Dershowitz, Samuel, 53
 Deshell, Morris '51
 Deutsch, Samuel '34
 Devine, Leonard Harold '42
 Dlugacz, Irving I. '41
 Dienstag, Jacob I. '49
 Dlugacz, Irving I. '41
 Duglacz, Jason '36
 Dolnansky, Herman '48
 Doppelt, Stanley '45
 Drazin, Abraham Isaac '49
 Drusin, Arnold '37
 Dryspiel, Hillel David '52
 Ducoff, Bernard '49
 Dunn, Nathan Judah '43
 Dyen, Samuel '50

* Deceased.

- Eckstein, Abraham Barry '53
 Eckstein, Simon '44
 Efron, Mordecai Victor '43
 Ehrenthal, Irving '39
 Eidsberg, William '45
 Eidenbaum, Julius '34
 Einhorn, Carl M. '45
 Eisemann, Albert David '51
 Eisemann, Kurt '50
 Eisen, David '42
 Eisenberg, Isiah '38
 Eisenberg, Leon '46
 Elefant, Benjamin '39
 Elefant, Elihu E. '45
 Elefant, Marvin '35
 Elefant, Milton '39
 Elgart, Irving '38
 Elgart, Joseph H. '42
 Elkin, Charles '38
 Ellenberg, Joseph '44
 Eller, Robert Milton '53
 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
 Erushalmy, Joseph Hyman '53
 Eskowitz, Meyer '33
 Esrig, George '35
 Esterson, Harold H. '42
 Estra, Leonard '51
- Faivelson, Baruch '55
 Feder, Joseph '50
 Feder, Samuel '53
 Feigon, Gershon '36
 Feiler, Irving Jack '43
 Feinerman, Aaron '33
 Feinerman, Judah Wolf '47
 Feinerman, Mordecai '47
 Feldblum, Meyer '51
 Feldman, Arnold '53
 Feldman, David Michael '51
 Felman, Meir '35
 Fenster, Myron '48
 Fertig, William '50
 Feuerstein, Aaron Mordecai '47
 Feuerstein, Moses I. '36
 Fine, Isadore '34
 Finkelstein, Bernard '39
 Finkelstein, Philip '51
 Finkelstein, Sidney Joseph '42
 Firestein, Louis '47
 Fisch, Mandel '47
 Fischer, Emanuel '42
 Fischer, Josef '53
- Fishman, Hyman '44
 Fishman, Jacob '50
 Fishman, Jerome '42
 Flatto, Elie '53
 Fleischman, Ludovico '52
 Fleishaker, Oscar '39
 Forman, Emanuel '53
 Fox, Samuel '40
 Fraenkel, Mark '47
 Frank, Sanford '50
 Frank, William M. '50
 Frankel, Max '49
 Frankel, Theodore '43
 Frankel, Willi '44
 Fredman, Aaron '51
 Fredman, Alvin Morris '48
 Fredman, Irving '44
 Fredman, Marvin Gabriel '47
 Freed, William H. '39
 Freedman, Israel '34
 Friedberg, David '49
 Friedman, Abraham '36
 Friedman, Alexander '42
 Friedman, Armin Harry '50
 Friedman, Charles '35
 Friedman, Hyman '34
 Friedman, Issac H. '45
 Friedman, Isaac M. '45
 Friedman, Israel E. '33
 Friedman, Jacob Edwin '52
 Fuhrman, Nathan '49
 Fulda, Manfred '52
 Funk, Morris '34
 Furst, Harold J. '44
 Furst, Milton '43
- Gabriel, Mordecai '38
 Ganz, Morris '51
 Ganfiel, Morton '46
 Garfinkel, Sam '48
 Gelbart, Bernard '42
 Geller, Donald '49
 Geller, Michel '46
 Geller, Victor '48
 Geller, Yonah Harry '40
 Gellis, Philip '41
 Gellman, Ezra '42
 Gellman, Nehemiah '44
 Gellman, Zacharia '39
 Gelman, Aaron '53
 Gerber, Israel '39
 Gershbaum Joseph S. '45
 Gershinsky, Morris '44
 Gerwurz, Werner '50
 Ginsburg, Barry '51
 Ginsburg, Henry '52
 Glasberg, Herbert '53
 Glaser, Samuel Zechariah '49
 Glaubach, Felix Leo '50
 Glustrom, Simon '44
 Goder, Abraham Harry '52
 Gold, Aaron '38
 Gold, Henry '53
 Gold, Joseph Joel '49
- Goldberg, Issac '33
 Goldberg, Morris '46
 Golden, Chaim '32
 Goldin, Aaron '34
 Goldklang, Norman '38
 Goldman, Eleazer '37
 Goldman, Jacob '40
 Goldman, Marvin '44
 Goldman, Phiiip H. '51
 Goldsmith, Bernard '48
 Goldstein, Leonard '44
 Goldstein, Noah '48
 Goldstein, Sheldon '52
 Goldstein, Theodore '45
 Goldwasser, David '35
 Goldzweig, Max Nachum '53
 Golovensky, David '32
 Goodman, Irving Harry '52
 Goodman, Israel '38
 Goodman, Joseph '35
 Goodman, Morris '46
 Goodman, Moshe Yaakov '50
 Gootkin, Arthur '53
 Gopin, Sol '42
 Gordon, David '37
 Gordon, Irwin '43
 Gordon, James I. '44
 Gordon, Jerome '38
 Gordon, Macy '53
 Gordon, Nathan W. '51
 Gorelik, Morris Simon '53
 Gorodetzer, Philip '41
 Grajower, Meier '53
 Grauer, Murray '41
 Green, Jack '44
 Green, Sidney '33
 Greenbaum, Aaron '36
 Greenberg, Jacob Joseph '53
 Greenberg, Meyer '34
 Greenberg, Sidney '38
 Greenberg, Stanley '52
 Greene, Av Richard '36
 Greenfield, Murray '52
 Greenstein, Joseph '35
 Greenwald, Eli B. '51
 Greenwald, Emanuel J. '47
 Gribetz, Hyman '40
 Gross, Manny '52
 Gross, Murray William '49
 Gross, Reuben E. '50
 Gross, Theodore '40
 Guterman, Abraham S., '33
 Guttenberg, Jack '52
- Haber, Seymour '50
 Haberman, Jacob '50
 Hack, Jacob '43
 Hait, Paul Lester '43
 Halpern, David '49
 Halpern, Morris H. '50
 Halpert, Max '38
 Hammer, Robert Alan '53
 Hans, Albert '40
 Harris, Joseph '53
 Harris, Zevi '38

- Hartstein, Abraham L. '44
 Harstein, Jacob I. '32
 Harstein, Samuel '43
 Hasiuk, Sol '41
 Hecht, Morris '45
 Heifetz, Chayim Isaac '48
 Heifetz, Hyman Solomon '48
 Heimowitz, Joseph '51
 Heineman, Justin '41
 Heisler, Arnold '44
 Heisler, Jacob '39
 Heisler, Reuben E. '51
 Heller, Irving '37
 Heller, Meyer '41
 Heller, Philip '48
 Hellerstein, Simon '52
 Helmreich, Wolf '51
 Hendel, Herbert '38
 Henkin, Herbert '34
 Henkin, Louis '37
 Herman, Bernard B. '45
 Herman, Jack '42
 Herschkowitz, Marvin '52
 Herskowitz, William '48
 Hertzberg, Isaiah '50
 hertzberg, Isaiah '50
 Hertzberg, Joshua '51
 Hinchin, Martin Isaiah '40
 Hirmes, Eleazer '44
 Hirschman, Harold '44
 Hirschman, Max '32
 Hirschman, Seymour
 Solomon '43
 Hirschsprung, Abraham
 Joseph '49
 Hoch, Max '32
 Hoch, Sam '35
 Hochman, Jacob '34
 Hollander, Albert '49
 Hollander, Haskell '47
 Homnick, Yaakov I. '47
 Horowitz, Meyer '53
 Horowitz, Eliezer '49
 Horowitz, Philip '42
 Hoschander, Henry '49
 Hurewitz, Marvin '36
 Hurwitz, Herbert '38
 Hurwitz, Jacob '34
 Hurwitz, Morris '37
 Hyatt, Isadore '48
 Hyman, Merton '53
- Insel, Abe '43
 Issacson, Irwin '41
 Iserowitz, Morris '37
 Israel, Hyman '33
 Izenstein, Louis '32
- Jacobovitz, Arthur A. '53
 Jacobowitz, Jason '53
 Jacobson, Nathan '33
 Jacobs, Paul Elliot '53
 Jaffe, Samuel '43
 Jaffe, Steven '52
- Jakubovitz, Edward James '53
 Jaret, Irving L. '42
 Jerenberg, Norman G. '48
- Kabakoff, Jacob '38
 Kahane, David Baruch '49
 Kahn, Arthur '46
 Kahan, Myron '46
 Kahn, Paul '53
 Kain, Milton '52
 Kallner, Theodore '48
 Kamber, Alvin I. '48
 Kaminetsky, Joseph '32
 Kanotopsky, Harold Bernard
 '43
 Kanovsky, Eliyahu '42
 Kantrowitz, William '48
 Kaplan, Aaron '37
 Kaplan, Philip '39
 Karasick, Joseph '43
 Karlin, Meyer '37
 Karp, Abraham J. '42
 Kasten, Elihu '36
 Katsman, Baruch '50
 Katsman, Philip '51
 Katz, Leon '37
 Katz, Mathew '49
 Katz, Michael '45
 Katz, Norman '52
 Katz, Stephen '52
 Kaufman, William '36
 Kejsman, Jerome '53
 Keller, Henry B. '51
 Keller, Martin '44
 Kellner, Aaron '34
 Kelman, Joseph H. '48
 Kenner, Samuel '49
 Kessler, Stanley Marvin '47
 Kestenbaum, Jerome '49
 Kestenbaum, Leon Martin '53
 Klaperman, Gilbert '40
 Klausner, Saul Harvey '53
 Klaven, Israel '37
 Kleiman, Max '39
 Kleiman, Sidney '35
 Klein, Earl M. H. '47
 Klein, Fred '53
 Klein, Isidore '52
 Klein, Morris '44
 Klein, Samuel '53
 Klein, Sidney Benjamin '50
 Kleinman, Chemia J. '53
 Kleinman, Jack H. '45
 Kobrinetz, Simeon '49
 Koenigsberg, Bernard '51
 Koenigsberg, Chaim '40
 Kolatch, Alfred '37
 Kolatch, Fred '37
 Komsky, Daniel '50
 Koolyk, Abraham '42
 Korbman, Meyer Hyman '49
 Korchak, Earl '45
 Koslowe, Irving '40
 Kosofsky, Elvin I. '41
 Kosofsky, Leon N. '45
 Kosowsky, Philip '52
- Kra, Aaron '41
 Krakower, Gerald W. '51
 Kramer, Meyer '40
 Kramer, Milton E. '42
 Krantz, Hyman '51
 Kranzler, Moses N. '51
 Krasna, Alvin Isaac '50
 Krasna, Irwin Herbert '50
 Krasner, Norman L. '45
 Kraushar, Samuel '51
 Krauss, Aaron N. H. '52
 Kravetz, Dov '52
 Kreitman, Benjamin '39
 Kreitman, Julius '53
 Krevsky, Seymour '40
 Krieger, Morris '38
 Krieger, Nathan '52
 Kronengold, Numa '47
 Krumbain, Eliezer '53
 Krumbein, Jacob Selig '52
 Krutman, Seymour '41
 Kumin, Emanuel '41
 Kumin, Isadore '35
 Kupchick, Abraham '52
 Kurtzman, Robert Jack
 '50
 Kurtzman, Sidney '36
 Kurz, Israel '41
 Kutner, Seymour '46
- Laks, Hyman '41
 Lamm, Maurice '51
 Lamm, Norman '49
 Landa, Sam '44
 Lander, Bernard '36
 Landes, Aaron '51
 Landes, Leo '45
 Landes, Morris '39
 Landman, Leo '49
 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
 Levin, Stanley '49
 Levine, Eli '32
 Levine, Hyman '50
 Levinson, Nathan '38
 Levitan, Kalman '37
 Levovitz, Paul '42
 Levy, Joel '45
 Levy, Leon Sholom '52
 Levy, Max '37
 Levy, Raphael '46
 Lewis, Albert '38
 Lewittes, Mendel '32
 Lichtenstein, Aharon '53
 Lichtenstein, Joseph
 Jacob '50
 Lichtenstein, Sam '38
 Lichter, Alfred '51

Liebb, Julius '45
 Lieber, Martin '47
 Lieberman, Aaron I. '51
 Lieberman, Alvin Irving '52
 Lieberman, Murray '39
 Lieberman, Sidney '51
 Lief, Joseph '32
 Lifschutz, David M. '46
 Lifshitz, Chaim '45
 Lifshitz, Wolf '39
 Lilker, Martin '45
 Lindenbaum, Marty Marcel '53
 Liner, Paul '44
 Lipshitz, Max A. '45
 Lipshutz, Ismar '51
 Lipshutz, Nathan '38
 Lipstiz, Jerome '52
 Listokin, Abraham '41
 Lobel, Norman '51
 London, Perry '52
 Lowenkopf, Bernard '53
 Luba, Marvin '46
 Lubinsky, Bernard '48

 Mager, Julius '38
 Maimon, Solomon '41
 Malinowitz, Moses S. '42
 Mandelbaum, Allen '45
 Mandelcorn, Ephraim Frank '41
 Mandelkorn, Joseph '47
 Mann, Aaron Jonathan '51
 Mantel, Hugo '32
 Marcus, Abraham '50
 Marcus, Alvin M. '48
 Marcus, Elihu '53
 Marcus, George Herbert '52
 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
 Matlin, Norman '52
 Matz, Joshua '32
 Matz, Milton '47
 Mayerfeld, Manfred '53
 Mazo, Jacob '37
 Medetsky, Hyman '42
 Mehler, Burton '45
 Melmed, David '45
 Mermelstein, David Lazar, '53
 Merrin, Sidney Z. '40
 Metchik Irwin (Yitzchak) '45
 Meth, Bernard '48
 Metzger, Stanley '47
 Meyer, Sam '41

 Michaly, Eugene '40
 Migdal, Benjamin '52
 Milians, Bernard '34
 Millen, William I '53
 Miller, Arnold J. '39
 Miller, Daniel '53
 Miller, David, '42
 Miller, David E. '53
 Miller, Harold L. '45
 Miller, Isadore '38
 Miller, Samuel '38
 Miller, Shepard '52
 Mintz, David '36
 Mintz, Louis '38
 Mirsky, David '42
 Mirvis, Allen '39
 Mogilner, David '52
 Mond, Bertram '51
 Mond, Otto '53
 Morgenstern, Abraham '51
 Moseson, David '44
 Moseson, Isaac '52
 Mostofsky, David Isaac '53
 Mostow, Morton Samuel '52
 Movsky, Myron B. '42
 Mowshowitz, Israel '35
 Mizeson, Leon '44
 Muss, Hyman '32
 Muss, Louis '36

 Nadelman, Ludwig '51
 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, Maurice Enoch '53
 Novoseller, Sholom '40
 Nulman, Louis '39
 Nulman, Macy '45
 Nussenbaum, Harry Jerome '48
 Nussenbaum, Max Samuel '52

 Ochs, Marcus '53
 Oratz, Ephraim '50
 Oratz, J. Paul '48
 Orentlicher, Paul '45
 Ossip, Seymour '48
 Paleyeff, Israel '49
 Parnes, Julius '49
 *Pearlstein, Mosheh '46
 Peikes, Daniel '38
 Pelberg, Abraham '48
 Penkower, Morris '32

 Peretz, Samuel '38
 Perlmutter, Harry '41
 Perlow, Irving '46
 Petergorsky, David '35
 Petroff, Jacob W. '52
 Peyser, Paul '48
 Peyser, Pincus '45
 Pfeffer, David '46
 Pikelny, Dov '53
 Pleskin, Sidney '48
 Podolsky, Leo '33
 Polachek, Harry '34
 Pollock, Herbert Monroe '48
 Pomerantz, Hyman '46
 Port, Yale '53
 Posnansky, Max '37
 Post, William '36
 Potok, Herman '50
 Poupko, Bernard '39
 Poupko, Morris '36
 Poupko, Solomon '49
 Povzea, Murray '40
 Prero, Samuel '37
 Pressman, David '46
 Pritzker, Marvin '44
 Pruzansky, David '36
 Pshoter, Bernard '53

 Raab, Nathan '44
 Rabinowitz, Jacob '46
 *Rabinowitz, Nathan '41
 Rabinowitz, Philip '51
 Rabison, Bruce '37
 Rackovsky, Boris Abraham '50
 Rackovsky, Judah S. '48
 Rakowitz, Myron Elman '51
 Rapaport, Avraham '47
 Rapp, Ernest '50
 Rashbaum, Harry Leonard '51
 Raskin, Simon '53
 Raymon, Philip '35
 Reguer, Moshe Aaron '42
 Reichel, Harold '52
 Reichel, Oscar '42
 Reichel, Solomon '46
 Reines, Alvin '47
 Reiss, Bernard '43
 Reiss, Herman '40
 Reiss, Myron Leonard '43
 Reiss, Sidney '43
 Rephun, Sholom '48
 Revel, Hirschel '33
 Revel, Norman '33
 Ribner, Herbert '38
 Ribner, Irving '37
 Ribner, Israel '43
 Rich, Meyer D. '51
 Richman, Milton '40
 Rieder, Zoltan '53
 Ritterband, Paul '50
 *Robbins, Jerome '43
 Robins, Leo J. '40

- Rock, Michal '52
 Rodwogin, Benjamin '34
 Rogoff, David '53
 Romanoff, Gershon '37
 Roodman, Solomon '38
 Rose, Isaac B. '38
 Rosen, Morton '46
 Rosenbaum, Nathan '45
 Rosenbaum, Samuel '40
 Rosenblatt, Seymour '45
 Rosenbloom, Samuel '51
 Rosenblum, Herbert '50
 Rosenblum, Jack '39
 Rosenblum, Jerome H. '41
 Rosenblum, Samuel '42
 Rosenfeld, Azriel '50
 Rosenblum, Jack '39
 Rosenblum, Jerome H. '41
 Rosenblum, Samuel '42
 Rosenfeld, Azriel '50
 Rosenfeld, Leonard '37
 Rosenhan, David Leonard '51
 Rosenman, Harold '37
 Rosenstock, Gershon '41
 Rosensweig, Bernard '41
 Rosenthal, Gilbert Samuel '53
 Rosenthal, Julius '42
 Rosenwasser, Herman B. '35
 Rozner, Irving '52
 Rossman, Melvin '42
 Roth, Alfred '51
 Roth, David '37
 Roth, David '37
 Roth, Sol '48
 Rothman, Murray '44
 Rothman, Robert Aaron '53
 Rothstein, Joseph '39
 Rothstein, Solomon '39
 Rottenberg, Emanuel '41
 Rozen, Ivan Robert '53
 Rubenstein, Bernard '46
 Rubin, Merrill '48
 Rubinstein, Leo '41
 Rubinstein, Samuel W. '40
 Ruch, Erwin S. '51
 Rudnick, Philip Benjamin '53
 Rudoff, Sidney '48
 Sable, Jack M. '48
 Sadowsky, Gershon '52
 Safern, William '46
 Saffer, Robert Charles '53
 Salkowitz, Albert Abraham '43
 Samson, Harry David '43
 Samson, Norman '40
 Saudel, Meyer '49
 Sanders, Maurice '51
 Sar, Eli '41
 Sasson, Moshe '51
 Satlow, Lewis J. '38
 Schacter, Herschel '38
 Schacter, Marcus '37
 Schall, Noel H. '51
 Schapiro, Henry '48
 Schechter, Selig E. '40
 Scheinfeld, David '51
 Scheinfeld, Herbert I. '52
 Schiff, Alvin Irwin '47
 Schiff, Seymour '53
 Schiff, Simon '45
 Schifffenbauer, Milton '43
 Schiller, Leonard '50
 Schimelman, Joseph '39
 Schmerler, David '36
 Schnaidman, Marvin '48
 Schnall, Morris '40
 Schneider, Stanley '50
 Schneier, Arthur '49
 Schnipper, A. Irving '48
 Schocher, Jacob '45
 Schoner, Milon '47
 Schonfeld, Frank '39
 Schonfeld, Gabriel '41
 Schonfeld, Jacob '50
 Schorr, Seymour Leon '49
 Schreier, Max '49
 Schrenzel, Bernard '38
 Schuchalter, Paul '44
 Schudrich, David '52
 Schultz, Joseph P. '51
 Schwadron, Sholum '50
 Schulweis, Harold '45
 Schwartz, George '46
 Schwartz, Leo '45
 Schwartz, Maurice Leonard '53
 Schwartz, Robert '40
 Schwartz, S. Alvin '50
 Schwartzmann, Abraham Izaak '50
 Seiden, Julius Wallace '43
 Seidman, Aaron '41
 Seidman, Emanuel '45
 Seltzer, Bernard '45
 Senders, Meyer '46
 Shannon, Irving M. '53
 Shapiro, Abraham Barnet '48
 Shapiro, Alexander '46
 Shapiro, Frank '39
 Shapiro, Hyman '53
 Shapiro, Irving '49
 Shapiro, Irwin '53
 Shapiro, Joshua H. '45
 Shapiro, Merwin '50
 Shapiro, Meyer '40
 Sharfman, Israel H. '45
 Shavrick, Cyrus '49
 Shay, Melvin Dov '52
 Shechter, Jack '53
 Sherman, Benjamin '35
 Shoham, Gilbert L. '51
 Shoop, Simon '38
 Shoulson, Abraham '38
 Shoulson, Charles '41
 Shoulson, Solomon '47
 Shulman, Herman '50
 Shulman, Nahum Bernard '49
 Shulman, Nisson Alken '52
 Siegel, Bernard '45
 Siegel, Carl '34
 Siegel, Charles I. '48
 Siegel, Meyer A. '40
 Siegel, Morton '45
 Siegel, Norman '34
 Siegel, Reuben '42
 Siegel, Stanley Zelmar '52
 Siev, Asher '37
 Sigal, Philip '50
 Silver, Arthur M. '51
 Silver, George '53
 Silver, Walter '37
 Silverman, Lester M. '37
 Silverman, Morris '45
 Silverstein, Philip '51
 Silverstein, Samuel Chaim '53
 Simon, Elihu Lazer '49
 Simon, Fred Francis '52
 Sinsowitz, Louis '35
 Sincoff, Benjamin '39
 Singer, Howard '43
 Singer, Jacob '49
 Singer, Joseph I. '37
 Singer, Joseph Moses '52
 Singer, Sheldon Nathan '52
 Singer, Sholom '46
 Singerman, Arnold '47
 Sion, Rahmin '39
 Sittner, Aaron '51
 Skaist, Aaron Jacob '52
 Skaist, Eli David '48
 Sklarin, Mortimer J. '39
 Skopp, David '44
 Sky, Harry '45
 Sky, Hyman Isaac '47
 Skydell, Irving '44
 Slochowsky, Abraham '48
 Slochowsky, Israel '45
 Slomovic, William '52
 Slomowitz, Solomon '48
 Smith, David D. '45
 Snow, Alvin Edward '46
 Sobel, Samuel '41
 Sofer, David '42
 Sofer, Martin '45
 Sohn, David '46
 Sokolow, Albert '49
 Sokolow, Joseph M. '42
 Soled, Calvin '51
 Solomon, Alfred '52
 Solomon, Gustave '51
 Solomon, Victor '51
 Solomon, Wilfred '51
 Solonche, Leo '37
 Soloveichik, Aron '40
 Sommers, Fred '44
 Sorscher, Marvin '46
 Spear, Arthur '51
 Speiser, Joseph '44

- Spielman, Walter '47
 Spiera, Harry '53
 Spirn, Charles '47
 Stadtmauer, Murray
 Ephraim '51
 Stadtmauer, Raphael '52
 Starishevsky, Reuben '52
 Stavsky, David '52
 Stavisky, Aaron Yehuda '53
 Steiman, Sidney '44
 Steinberg, David '51
 Steinberg, Harry '32
 Steinberg, Theodore '49
 Steinmetz, Sol '53
 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, Bernard '40
 Sussman, Gabriel '46
 Sutton, Leon Judah '47
 Swiatycki, Chaim '43
 Tabachnick, Joseph '43
 Tanenbaum, Herman '45
 Tannenbaum, Charles '44
 Tannin, Seymour Murray
 '53
 Taragin, Nathan '36
 Tatz, Philip '36
 Taub, Arthur '52
 Teicher, Paul '51
 Teigman, David '35
 Tekuzener, Abraham I. '44
 Tenenbaum, Edward '37
 Tennenbaum, Lloyd '46
 Tennenberg, Isadore '52
 Tennenberg, Sidney J. '53
 Tobias, Murray '49
 Tokayer, Eugene '53
 Toporofsky, Norman '53
 Toubin, Isaac '35
 Troy, Albert '34
 Tuchinsky, Nathan H. '45
 Tuchman, Louis '44
 Twersky, Morris '49
 Twersky, Norman '47
 Twersky, Norman '51
 Unger, Hugo '53
 Upbin, Israel '32
 Usdan, Leo '36
 Vinik, Julius '46
 Vogel, Harold '46
 Wacholder, Ben Zion '51
 Wachtfogel, David '35
 Wachtfogel, Hyman '39
 Wagner, Stanley M. '53
 Walden, Aaron '38
 Waldman, Aaron '35
 Waldman, Samuel L. '45
 Walker, Abraham '40
 Walker, Harry '38
 Walker, Jacob '43
 Wall, Max '38
 Wanderer, William Zev '53
 Washer, Julius '31
 Wasser, Max Raphael '40
 Wealcach, William '52
 Weinbach, David Leonard
 '53
 Weinberg, Abraham '42
 Weinberg, Martin '53
 Weiberg, Morris '41
 Weinberg, Norbert '53
 Weinstein, Charles S. '44
 Weinstein, Harry M. '51
 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
 Weissman, Harold '52
 Weitman, Jack '51
 Weitz, Aaron '51
 Weitzman, Jacob '44
 Welber, Benjamin '42
 Weller, Seymour '46
 Wenger, Irwin '51
 Werb, Morris '36
 *Werfel, Louis '37
 Werner, Abraham '46
 Wexler, Stanley Bernard
 '49
 Wiesel, Alfred S. '42
 Wiesel, Irving Meyer '47
 Willig, Herbert '40
 Willig, Jerome '38
 Willner, Eric '48
 Winer, Gerald '44
 Winston, David S. '48
 Wischnitzer, Saul '51
 Wise, Joseph H. '38
 Witkin, Herbert '51
 Witty, Itzchak '53
 Witty, Stanley '53
 Wohlgelernter, Israel '52
 Wohlgelernter, Maurice '41
 Wohlgelernter, Samuel '50
 Woldenberg, David Harold
 '53
 Wolf, George '49
 Wolf, Morris '49
 Wolstein, Benjamin '44
 Wool, Norman Israel '52
 Wuertzburger, Walter '43
 Yagod, Leon '46
 Yanofsky, Harry '50
 Yeres, Irvin '50
 Yoshor, Joseph Joshua '49
 Younger, David '47
 Zafern, Frank '37
 Zahavy, Zev '39
 Zahn, Seymour '49
 Zaitchik, Samuel '43
 Zalis, Marvin '52
 Zapinsky, Emanuel '35
 Zeides, Solomon '45
 Zekowitz, Marvin L. '45
 Zemel, Nathan E. '45
 Zimmerman, Philip
 William '48
 Zion, Leonard '46
 Zion, Martin I. '42
 Zolt, Erwin '36
 Zucker, Jack Isadore '49
 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 1953-4 are:

MILTON E. KRAMER	President
JEROME WILLIG	
JOSEPH ELLENBERG	Vice Presidents
RABBI ABRAHAM AVRECH	
MORRIS SILVERMAN	Corresponding Secretaries
MANFRED FULDA	Recording Secretary
J. SHELLEY APPLBAUM	Treasurer

STUDENT REGISTER

SPRING, 1953

NAME	CLASS	CITY AND STATE
Aberbach, Elliot	Freshman	Brooklyn, N. Y.
Ackerman, Fred	Junior	Bronx, N. Y.
Adelman, Jack	Senior	Teaneck, New Jersey
Adler, Stuart	Freshman	Bronx, N. Y.
Agress, Hyman	Senior	Brooklyn, N. Y.
Alpert, Norman	Junior	Dorchester, Massachusetts
Anisfield, Fred	Freshman	New York, N. Y.
Antelman, Marvin	Sophomore	Atlantic City, New Jersey
April, Samuel	Junior	Miami, Florida
Arbesfeld, Hyman	Senior	Bronx, N. Y.
Aronowsky, Emanuel	Senior	Brooklyn, N. Y.
Aronson, Irving	Junior	Brooklyn, N. Y.
Bahn, Saul	Senior	Boston, Massachusetts
Baker, Charles	Senior	Pleasantville, N. Y.
Balsam, Joel	Junior	Ozone Park, N. Y.
Basch, Alvin	Senior	New York, N. Y.
Bashkowitz, Marvin	Sophomore	Brooklyn, N. Y.
Bassuir, Israel	Junior	Brooklyn, N. Y.
Batt, Ahron	Freshman	Hartford, Connecticut
Beer, Joseph	Sophomore	Brooklyn, N. Y.
Berenson, Lewis	Senior	Dorchester, Massachusetts
Berger, Morton	Freshman	New York, N. Y.
Berger, Samuel B.	Sophomore	Brooklyn, N. Y.
Berger, Samuel T.	Senior	Brooklyn, N. Y.
Berger, Sidney	Sophomore	Bronx, N. Y.
Bergman, Morris	Senior	New York, N. Y.
Berliner, Albert	Junior	Montreal, Quebec
Berman, Julius	Freshman	Hartford, Connecticut
Bernat, Haskell	Freshman	Portsmouth, New Hampshire
Bernstein, Leon	Freshman	Brooklyn, N. Y.
Bernstein Louis	Freshman	Brooklyn, N. Y.
Berschling, Chester	Sophomore	New York, N. Y.
Bienenfeld, Marvin	Senior	Brooklyn, N. Y.
Bienenstock, Harry	Senior	Brooklyn, N. Y.
Bierman, Ralph	Junior	Bronx, N. Y.
Blackman, Marvin	Sophomore	Brooklyn, N. Y.
Blank, Gershon	Junior	New York, N. Y.
Blank, Louis	Senior	New York, N. Y.
Blech, Benjamin	Senior	Brooklyn, N. Y.
Bleich, Robert	Sophomore	Lawrence, N. Y.
Bodoff, Lionel	Sophomore	Brooklyn, N. Y.
Bomzer, Murray	Junior	Brooklyn, N. Y.
Bonchek, Daniel	Senior	New York, N. Y.
Book, Joseph	Freshman	Brooklyn, N. Y.
Borgen, Marvin	Sophomore	New York, N. Y.
Borow, Aaron	Sophomore	Philadelphia, Pennsylvania
Borstein, Leonard	Sophomore	Atlanta, Georgia
Bramson, Arnold	Freshman	Roxbury, Massachusetts
Bramson, Samuel	Junior	Dorchester, Massachusetts
Brand, Aaron	Senior	Rochester, N. Y.
Brezak, Joseph	Sophomore	Brooklyn, N. Y.
Brickman, Seymour	Senior	Brooklyn, N. Y.
Broyde, Barret	Sophomore	New York, N. Y.
Bruckenstein, Abraham	Sophomore	Brooklyn, N. Y.
Buchen, Leonard	Senior	Bronx, N. Y.
Burack, Louis	Senior	Worcester, Massachusetts

Chamedes, Wallace	Senior	Brooklyn, N. Y.
Chameides, Leon	Sophomore	New York, N. Y.
Chazani, Elitzur	Freshman	Brooklyn, N. Y.
Chiefertz, Joshua	Freshman	Windsor, Ontario
Chervin, Jerome	Sophomore	Spring Valley, N. Y.
Citron, Jay	Sophomore	Brooklyn, N. Y.
Cleeman, Paul	Sophomore	New York, N. Y.
Cohen, Arnold	Sophomore	Bronx, N. Y.
Cohen, Gerald	Freshman	Brooklyn, N. Y.
Cohen, Melvin	Junior	Brooklyn, N. Y.
Cohen, Murriss	Sophomore	New York, N. Y.
Cohen, Samuel	Freshman	Brooklyn, N. Y.
Cohen, Simon	Sophomore	Brooklyn, N. Y.
Danishefsky, Joel	Senior	Bayonne, New Jersey
Danishefsky, Sam	Freshman	Bayonne, New Jersey
Danzger, Murray	Freshman	Brooklyn, N. Y.
Davidowitz, Gilbert	Sophomore	Brooklyn, N. Y.
Davidowitz, Moses	Sophomore	New York, N. Y.
Davila, Albert	Freshman	New York, N. Y.
Davis, Joshua	Sophomore	Bronx, N. Y.
Dayan, Soleyman	Junior	Brooklyn, N. Y.
De Lescinskis, Noah	Sophomore	New York, N. Y.
Dershowitz, Sam	Senior	Brooklyn, N. Y.
Deutsch, Alexander	Senior	Bronx, N. Y.
Dier, Paul	Sophomore	Newark, New Jersey
Dimont, Albert	Junior	Brooklyn, N. Y.
Diskind, Teddy	Freshman	Brooklyn, N. Y.
Dobin, Aaron	Freshman	Brooklyn, N. Y.
Dobrinisky, Herbert	Junior	Montreal, Quebec
Dryspiel, Irwin	Freshman	Spring Valley, N. Y.
Dubler, Walter	Sophomore	Brooklyn, N. Y.
Dulitz, Label	Junior	New Orleans, Louisiana
Ehrman, Jules	Senior	New York, N. Y.
Einhorn, Seymour	Junior	Woodmere, N. Y.
Eisenstadt, Herzl	Freshman	Brooklyn, N. Y.
Elefant, Martin	Freshman	Brooklyn, N. Y.
Ellenberg, Jacob	Freshman	Bronx, N. Y.
Enker, Arnold	Sophomore	Brooklyn, N. Y.
Epstein, Yale	Sophomore	New Haven, Connecticut
Esses, Harry	Junior	Brooklyn, N. Y.
Essrog, Seymour	Junior	Brooklyn, N. Y.
Esterowitz, Leon	Freshman	New York, N. Y.
Etner, Jacob	Sophomore	New York, N. Y.
Falk, Jay	Senior	Bronx, N. Y.
Federbush, Emanuel	Freshman	Bronx, N. Y.
Feinstein, Jacob	Non-Matriculated	Jerusalem, Israel
Feldman, Arnold	Senior	Yonkers, N. Y.
Fenster, Phil	Senior	Bronx, N. Y.
Feuerstein, Jason	Freshman	Lynn, Massachusetts
Fingerhut, Martin	Freshman	Brooklyn, N. Y.
Finkel, Asher	Freshman	Brooklyn, N. Y.
Finkelstein, Bernard	Sophomore	New York, N. Y.
Fischer, Josef	Senior	Rego Park, N. Y.
Fischman, Stanley	Freshman	Brooklyn, N. Y.
Fishhaut, Earl	Freshman	St. Paul, Minnesota
Fishman, William	Junior	New York, N. Y.
Fleischer, Philip	Freshman	Brooklyn, N. Y.
Flug, Sol	Sophomore	New York, N. Y.
Forman, Emanuel	Senior	Spring Valley, N. Y.
Forman, Irving	Senior	Brooklyn, N. Y.
Frankel, Emanuel	Junior	Brooklyn, N. Y.
Freidberg, David	Graduate	Bronx, N. Y.

Freundlich, Milton	Junior	Brooklyn, N. Y.
Friedlander, Gerald	Freshman	Brooklyn, N. Y.
Friedlander, Harold	Freshman	Brooklyn, N. Y.
Friedman, Leslie	Junior	New York, N. Y.
Frieman, Aaron	Freshman	Brooklyn, N. Y.
Furman, Isaac	Non-Matriculated	Bronx, N. Y.
Furstenberg, Harry	Sophomore	New York, N. Y.
Fuss, Abraham	Freshman	New York, N. Y.
Galinsky, Hersh	Sophomore	New York, N. Y.
Garber, Richard	Freshman	Brooklyn, N. Y.
Gefter, Morton	Sophomore	New York, N. Y.
Gelder, Maurice	Junior	New York, N. Y.
Geller, Nathan	Freshman	Bronx, N. Y.
Genachovsky, Dov	Freshman	New York, N. Y.
Gerbitz, Martin	Freshman	Jamaica, N. Y.
Gewirtz, Allen	Sophomore	Brooklyn, N. Y.
Glasberg, Herbert	Senior	New York, N. Y.
Glickman, Jack	Senior	New York, N. Y.
Gold, Manuel	Sophomore	Brooklyn, N. Y.
Gold, Stanley	Senior	Brooklyn, N. Y.
Goldberg, Joseph	Non-Matriculated	Brooklyn, N. Y.
Goldberg, Kaddish	Sophomore	New Orleans, Louisiana
Goldish, Marvin	Junior	Cleveland Heights, Ohio
Goldman, Jack	Senior	Bronx, N. Y.
Goldstein, Arnold	Junior	Brooklyn, N. Y.
Goldstein, Sidney	Freshman	Brooklyn, N. Y.
Goodman, Irving	Junior	Toronto, Ontario
Goodman, Isaac	Senior	Brooklyn, N. Y.
Goodman, Raphael	Freshman	Brooklyn, N. Y.
Gootkin, Arthur	Senior	Los Angeles, California
Gootkin, Marvin	Freshman	Los Angeles, California
Gordon, Macy	Senior	Winthrop, Massachusetts
Gorelik, Morris	Senior	New Haven, Connecticut
Gottlieb, Judah	Sophomore	New York, N. Y.
Grajower, Meier	Senior	The Hague, Netherlands
Green, Joel	Sophomore	Brooklyn, N. Y.
Green, Leon	Sophomore	Brooklyn, N. Y.
Green, Leonard	Sophomore	Jamaica, N. Y.
Green, Mortie	Sophomore	Montreal, Quebec
Greenbaum, Bernard	Junior	Brooklyn, N. Y.
Greenberg, Harold	Junior	Brooklyn, N. Y.
Greenberg, Jacob	Senior	Montreal, Quebec
Greenfield, Saul E.	Freshman	Brooklyn, N. Y.
Greenfield, Seymour	Junior	Bronx, N. Y.
Greenfield, Solomon	Junior	Brooklyn, N. Y.
Greenhut, Martin	Freshman	Hempstead, N. Y.
Greenwald, George	Freshman	Yonkers, N. Y.
Gris, William	Sophomore	Bronx, N. Y.
Gross, Herbert	Sophomore	Long Beach, N. Y.
Gross, Manny	Graduate	New York, N. Y.
Grunbaum, Yechiel	Sophomore	Antwerp, Belgium
Halon, Herman	Junior	New York, N. Y.
Hammer, Robert	Senior	Syracuse, N. Y.
Harris, Daniel	Freshman	Far Rockaway, N. Y.
Harris, Joseph	Senior	Brooklyn N. Y.
Harris, Judah	Sophomore	Far Rockaway, N. Y.
Hartman, Henry	Sophomore	Brooklyn N. Y.
Hartman, Joseph	Freshman	New York, N. Y.
Haut, Irwin	Sophomore	Brooklyn N. Y.
Hecht, Neil	Junior	Brooklyn N. Y.
Heimowitz, Aaron	Junior	Brooklyn N. Y.
Heisler, Donald	Junior	Brooklyn N. Y.

Heller, Jacob	Senior	Brooklyn N. Y.
Heller, Melvin	Senior	Brooklyn N. Y.
Hellner, Frank	Freshman	Philadelphia, Pennsylvania
Henoch, Henry	Junior	Brooklyn N. Y.
Herman, Stanley	Junior	Brooklyn N. Y.
Hershenov, Joseph	Junior	Brooklyn N. Y.
Hiesiger, David	Freshman	New York, N. Y.
Hirmes, Menaheim	Freshman	New York, N. Y.
Hochbaum, Jerry	Junior	New York, N. Y.
Hoening, Bernard	Sophomore	Brooklyn N. Y.
Hoffer, Alexander	Junior	Brooklyn N. Y.
Hoffman, Arnold	Freshman	Brooklyn N. Y.
Hoffman, Seymour	Freshman	Brooklyn, N. Y.
Holstein, Joseph	Junior	Yonkers, N. Y.
Horn, Eugene	Sophomore	Brooklyn N. Y.
Horovitz, Meyer	Senior	Manitowoc, Wisconsin
Horowitz, Fred	Sophomore	Far Rockaway, N. Y.
Hulkower, Walter	Sophomore	Brooklyn N. Y.
Huttler, Rubin	Sophomore	Brooklyn N. Y.
Hyman, Merton	Senior	Brooklyn N. Y.
Hymowitz, Zev	Senior	Brooklyn N. Y.
Ingber, Sidney	Sophomore	Forest Hills, N. Y.
Intrator, Norman	Sophomore	Newark, New Jersey
Isaacs, Henry	Sophomore	New York, N. Y.
Israel, Neil	Sophomore	Brooklyn N. Y.
Jacobovitz, Arthur	Senior	Bridgeport, Connecticut
Jacobs, Paul	Senior	Bronx, N. Y.
Jaffe, Eliezer	Junior	Cleveland Heights, Ohio
Jaffe, Seymour	Junior	Brooklyn, N. Y.
Jaffe, Stan	Junior	Brooklyn N. Y.
Jaffe, Yakov	Freshman	Cleveland Heights, Ohio
Jakobovits, Solomon	Freshman	New York, N. Y.
Jakobovitz, Edward	Senior	Wilkes-Barre, Pennsylvania
Jeruchem, Moses	Freshman	New York, N. Y.
Josephs, Allen	Sophomore	Richmond Hill, N. Y.
Jungreis, Tibor	Sophomore	New York, N. Y.
Kafka, Gerald	Sophomore	New York, N. Y.
Kahana, Boaz	Sophomore	New York, N. Y.
Kahane, Fred	Sophomore	Brooklyn, N. Y.
Kahane, Joseph	Freshman	Brooklyn, N. Y.
Kahane, Solomon	Junior	Brooklyn, N. Y.
Kahn, Paul	Senior	Brooklyn N. Y.
Kalcheim, Chaim	Sophomore	New York, N. Y.
Kaplan, Joseph	Freshman	Paterson, New Jersey
Karten, Harvey	Sophomore	Jersey City, New Jersey
Katz, Allen	Freshman	Brooklyn, N. Y.
Katz, David	Sophomore	New York, N. Y.
Katz, Erwin	Freshman	Toledo, Ohio
Katz, Leon	Sophomore	Los Angeles, California
Kaufman, Jacob	Sophomore	Bronx, N. Y.
Keehn, Abraham	Sophomore	Brooklyn, N. Y.
Kellner, Harold	Freshman	Long Branch, New Jersey
Kestenbaum, Ray	Junior	Brooklyn, N. Y.
Kirsh, Harold	Freshman	Brooklyn, N. Y.
Kirshner, Larry	Freshman	Bronx, N. Y.
Klein, Fred	Senior	New York, N. Y.
Klein, Judah	Freshman	Brooklyn, N. Y.
Kleinberger, Nathan	Non-matriculated	New York, N. Y.
Kleinman, Chemia	Senior	New York, N. Y.
Kleinman, Harold	Freshman	Long Branch, New Jersey
Klepper, Myron	Senior	Brooklyn, N. Y.
Knoll, Aronld	Junior	Brooklyn, N. Y.

Korn, Charles	Junior	New York, N. Y.
Korn, Marshall	Senior	New York, N. Y.
Korn, Murray	Junior	New York, N. Y.
Kornbluth, Sheldon	Sophomore	Brooklyn, N. Y.
Kotkes, William	Sophomore	Brooklyn, N. Y.
Kramer, Abraham	Junior	Hoboken, New Jersey
Kratzer, Oscar	Sophomore	New York, N. Y.
Kreitman, Julius	Senior	Louisville, Kentucky
Kressel, Henry	Sophomore	Brooklyn, N. Y.
Krochmal, Arthur	Sophomore	Bronx, N. Y.
Kronengold, Jack	Junior	New York, N. Y.
Krumbein, Eliezer	Senior	Brooklyn, N. Y.
Krystal, Herbert	Senior	Bronx, N. Y.
Kupietzky, Jonah	Freshman	Brooklyn, N. Y.
Kwalbrun, Morris	Freshman	New Haven, Connecticut
Kwestel, Morty	Freshman	Brooklyn, N. Y.
Lapp, Ernest	Junior	Bronx, N. Y.
Lauer, Elias	Junior	Brooklyn, N. Y.
Lauer, Leonard	Senior	Bronx, N. Y.
Leibowitz, Herbert	Freshman	Brooklyn, N. Y.
Leifer, Murray	Junior	New York, N. Y.
Leiman, Alfred	Junior	Brooklyn, N. Y.
Lent, Sylvan	Freshman	Los Angeles, California
Lerner, Benjamin	Senior	Brooklyn, N. Y.
Lerner, Bialik	Sophomore	Brooklyn, N. Y.
Lerner, Herbert	Sophomore	Bronx, N. Y.
Levey, David K.	Junior	Syracuse, N. Y.
Levine, Elihu	Senior	Brooklyn, N. Y.
Levine, Elliot	Freshman	Brooklyn, N. Y.
Levine, Joseph	Sophomore	Brooklyn, N. Y.
Lewitan, Hirsh	Sophomore	Philadelphia, Pennsylvania
Lieberman, Barnet	Junior	New York, N. Y.
Lichtenstein, Aharon	Senior	Brooklyn, N. Y.
Liebowitz, Harold	Sophomore	New York, N. Y.
Lifshitz, Jerome	Freshman	Bronx, N. Y.
Lifshutz, David	Sophomore	Washington, D. C.
Lindenbaum, Marty	Senior	New York, N. Y.
Lindner, Bernard	Sophomore	New York, N. Y.
Linzer, Howard	Freshman	Bronx, N. Y.
Linzer, Norman	Sophomore	New York, N. Y.
Liss, Norman	Sophomore	Brooklyn, N. Y.
Litvin, Joseph	Freshman	Mt. Clemens, Michigan
Lowenkopf, Bernard	Senior	Baltimore, Maryland
Lubin, Isaac	Senior	Ansonia, Connecticut
Maimon, Albert	Sophomore	Seattle, Washington
Malks, Joshua	Sophomore	Bronx, N. Y.
Mandel, Philip	Sophomore	New York, N. Y.
Mandelbaum, Simcha	Senior	Jerusalem, Israel
Manesse, Herman	Sophomore	Brooklyn, N. Y.
Mann, Jonah M.	Junior	Quincy, Massachusetts
Marcus, Elihu	Senior	New York, N. Y.
Markowitz, Bernard	Junior	Brooklyn, N. Y.
Marthan, Abraham	Sophomore	New York, N. Y.
Mayerfeld, Manfred	Senior	Vineland, N. J.
Mayerhoff, Jonah	Sophomore	New York, N. Y.
Metzger, Alter	Senior	New York, N. Y.
Metzger, Gershon	Sophomore	New York, N. Y.
Millen, William	Senior	Roxbury, Massachusetts
Miller, Daniel	Senior	Haverstraw, N. Y.
Miller, David E.	Senior	Montreal, Quebec
Minster, Melvin	Sophomore	Baltimore, Maryland
Mizrahi, Clement	Freshman	New York, N. Y.
Mogilner, Joseph	Sophomore	Newark, New Jersey

Mond, Otto	Senior	Woodhaven, N. Y.
Morduchowitz, Abraham	Junior	Bronx, N. Y.
Morhaim, Abraham	Senior	Brooklyn, N. Y.
Mosenkis, Sidney D.	Freshman	Bronx, N. Y.
Moses, David	Sophomore	New York, N. Y.
Moskowitz, Seymour	Senior	Bronx, N. Y.
Mostofsky, David	Senior	Roxbury, Massachusetts
Nahouraii, Ezatollah	Junior	Bronx, N. Y.
Naiman, Charles	Freshman	Toronto, Ontario
Naiman, Michael	Freshman	Toronto, Ontario
Naimer, Joseph	Junior	Montreal, Quebec
Narrowe, Morton	Senior	Philadelphia, Pennsylvania
Nesis, Nehemiah	Freshman	Bronx, N. Y.
Neustadter, Harold	Freshman	Brooklyn, N. Y.
Newman, Howard	Sophomore	Brooklyn, N. Y.
Newman, Otto	Junior	Bronx, N. Y.
Niedelman, Jack	Freshman	Bronx, N. Y.
Nissenbaum, Gerald	Junior	Jersey City, New Jersey
Nordlicht, Jules	Sophomore	Brooklyn, N. Y.
Novoseller, Maurice	Senior	Philadelphia, Pennsylvania
Nussbaum, Jack F.	Sophomore	New York, N. Y.
Nussbaum, Jacob R.	Freshman	Rego Park, N. Y.
Ochs, Marcus	Senior	Toronto, Ontario
Orlian, Mitchell	Sophomore	Brooklyn, N. Y.
Owen, Joel	Freshman	Roxbury, Massachusetts
Pachino, Moshe	Sophomore	Baltimore, Maryland
Panitch, Herbert	Junior	Elizabeth, New Jersey
Parilman, Marvin	Junior	Omaha, Nebraska
Pasternak, Willie	Sophomore	Toronto, Ontario
Pearlmutter, Fishel	Sophomore	Baltimore, Maryland
Pechman, Irwin	Sophomore	Brooklyn, N. Y.
Phillips, Emanuel T.	Sophomore	Jamaica, N. Y.
Pikely, Dov	Senior	Chicago, Illinois
Polansky, Joseph	Sophomore	Brooklyn, N. Y.
Port, Yale	Senior	Bronx, N. Y.
Prager, Herbert	Sophomore	New Britain, Connecticut
Pruzansky, Jerry	Freshman	Bronx, N. Y.
Pruzansky, Wallace	Sophomore	Bronx, N. Y.
Psoter, Bernard	Senior	Dorchester, Massachusetts
Puchovitz, Benjamin	Freshman	New York, N. Y.
Rapoport, Morris	Junior	Toronto, Ontario
Raskin, Simon	Senior	Brooklyn, N. Y.
Ręchtschaffen, Manfred	Junior	New York, N. Y.
Reich, Arthur	Freshman	New York, N. Y.
Reichman, Raphael	Junior	Bronx, N. Y.
Reiner, Jack	Senior	Brooklyn, N. Y.
Reiss, Bernard	Junior	Brooklyn, N. Y.
Reiss, Israel B.	Freshman	Richmond, Virginia
Resisa, Abraham	Sophomore	Brooklyn, N. Y.
Ribowsky, George	Freshman	Brooklyn, N. Y.
Richter, Morton	Sophomore	Brooklyn, N. Y.
Richtman, Harold	Sophomore	Brooklyn, N. Y.
Richtman, Herbert D.	Senior	Brooklyn, N. Y.
Rieder, Zoltan	Senior	New York, N. Y.
Riese, Moshe	Junior	Bronx, N. Y.
Rogoff, David	Senior	Brooklyn, N. Y.
Rosen, Charles	Freshman	Astoria, N. Y.
Rosen, Ithamar	Freshman	Brooklyn, N. Y.
Rosen, Marvin	Junior	New York, N. Y.
Rosenak, Michael	Junior	Kew Gardens, N. Y.
Rosenbaum, Bernard	Freshman	Brooklyn, N. Y.

Rosenberg, Abraham	Sophomore	Bronx, N. Y.
Rosenberg, Herbert	Sophomore	New York, N. Y.
Rosenberg, Stanley	Freshman	Brooklyn, N. Y.
Rosenbloom, Haskell	Freshman	New York, N. Y.
Rosenfeld, Frederic	Sophomore	New York, N. Y.
Rosenfeld, Norman	Junior	New York, N. Y.
Rosenshein, Joel	Freshman	Bronx, N. Y.
Rosenthal, Amnon	Sophomore	New York, N. Y.
Rosenthal, Gil	Senior	Bronx, N. Y.
Rosner, Fredy	Sophomore	New York, N. Y.
Roth, Samuel	Freshman	Bronx, N. Y.
Rothschild, Ernest	Junior	New York, N. Y.
Rotman, Bert T.	Freshman	Roxbury, Massachusetts
Rubin, Morton	Junior	Brooklyn, N. Y.
Rubinstein, Morris	Sophomore	New York, N. Y.
Rudnick, Philip	Senior	Newark, New Jersey
Rudoff, Sheldon	Junior	Brooklyn, N. Y.
Rutman, Henry	Freshman	Cleveland Heights, Ohio
Saal, Ralph	Junior	New York, N. Y.
Sadowsky, Isaac B.	Freshman	Baltimore, Maryland
Saffern, Manfred	Junior	New York, N. Y.
Sandler, Joseph	Sophomore	Bronx, N. Y.
Schachter, Oscar	Senior	Brooklyn, N. Y.
Schatz, Elihu	Junior	Brooklyn, N. Y.
Schechter, Joel	Freshman	Brooklyn, N. Y.
Scheinman, Harold	Sophomore	Brooklyn, N. Y.
Schertz, Isaac	Freshman	Brooklyn, N. Y.
Schiff, Seymour	Senior	Dorchester, Massachusetts
Schmidt, Philip	Freshman	Bronx, N. Y.
Schnall, Martin	Sophomore	Bronx, N. Y.
Schneider, Louis	Freshman	Brooklyn, N. Y.
Schoen, Louis	Freshman	Kew Gardens, N. Y.
Schonholz, Leon	Freshman	Pasadena, California
Schonfeld, Sol	Senior	Brooklyn, N. Y.
Schonthal, Ori J.	Junior	New York, N. Y.
Schreiber, Alvin	Junior	Bronx, N. Y.
Schreiber, Herbert	Freshman	Bronx, N. Y.
Schub, Martin	Freshman	Bronx, N. Y.
Schuchalter, Ralph	Sophomore	Baltimore, Maryland
Schulberg, Herbert	Sophomore	Bronx, N. Y.
Schwartz, Charles	Freshman	Brooklyn, N. Y.
Schwartz, Judah	Junior	Brooklyn, N. Y.
Schwartz, Seymour	Freshman	Newark, New Jersey
Schwartzstein, Morton	Freshman	Floral Park, N. Y.
Sdehen, Zvi	Sophomore	New York, N. Y.
Seagull, Aryeh	Junior	Newark, New Jersey
Seruya, Benjamin	Senior	Brooklyn, N. Y.
Shalom, Joseph	Sophomore	Brooklyn, N. Y.
Shannon, Irvin	Senior	Baltimore, Maryland
Shapiro, Irwin	Senior	Brooklyn, N. Y.
Sherman, Isaac	Sophomore	Brooklyn, N. Y.
Shidlovsky, Harry	Senior	Brooklyn, N. Y.
Siff, Sherman	Junior	Worcester, Massachusetts
Silver, Joseph	Sophomore	New York, N. Y.
Silver, Walter	Senior	Brooklyn, N. Y.
Silverstein, Samuel	Senior	Brooklyn, N. Y.
Simon, Samuel	Senior	Pittsburgh, Pennsylvania
Singer, Norman	Freshman	Bronx, N. Y.
Sladowsky, Yitzchak	Senior	Brooklyn, N. Y.
Sloyer, Stuart	Sophomore	Brooklyn, N. Y.
Smilchensky, Joel	Senior	Brooklyn, N. Y.
Sobel, Martin	Junior	Brooklyn, N. Y.
Sobel, Sigmund	Junior	Jackson Heights, N. Y.
Sohn, Bernard	Junior	Boston, Massachusetts

Spear, Howard	Sophomore	Dover, New Jersey
Spiegelman, Marvin	Sophomore	New York, N. Y.
Spiera, Harry	Senior	Jersey City, New Jersey
Stadtmauer, David Isaac K.	Freshman	New York, N. Y.
Stadtmauer, David Isaac W.	Junior	Bronx, N. Y.
Staiman, Larry	Junior	Williamsport, Pennsylvania
Starishevsky, Reuben	Graduate	Brooklyn, N. Y.
Stavisky, Aaron	Senior	Brooklyn, N. Y.
Steinberg, Sheldon	Junior	Boston, Massachusetts
Steinkoler, Alexander	Freshman	New York, N. Y.
Steinmetz, Seymour	Freshman	Brooklyn, N. Y.
Sterman, David	Junior	Brooklyn, N. Y.
Stern, William	Sophomore	Geneva, Switzerland
Stillman, Morris	Freshman	Brooklyn, N. Y.
Strum, Gerald	Junior	Brooklyn, N. Y.
Sugarman, Jesse	Junior	Baltimore, Maryland
Summer, Morton	Senior	Brooklyn, N. Y.
Suna, Isaac	Junior	Bronx, N. Y.
Sungolowsky, Joseph	Junior	New York, N. Y.
Sutton, Albert	Junior	Brooklyn, N. Y.
Sutton, David	Junior	Brooklyn, N. Y.
Talansky, Morris	Junior	Brooklyn, N. Y.
Tannin, Seymour	Senior	Brooklyn, N. Y.
Taragin, Joshua	Junior	Baltimore, Maryland
Taubes, Leo	Sophomore	Bronx, N. Y.
Teichman, Marvin	Sophomore	New York, N. Y.
Teitelbaum, Marcel	Sophomore	Kew Gardens, N. Y.
Teitelbaum, Naftali	Sophomore	Brooklyn, N. Y.
Teitelbaum, Noah	Freshman	Brooklyn, N. Y.
Tennenberg, Sidney	Senior	Baltimore, Maryland
Thee, Alfred	Junior	Brooklyn, N. Y.
Tiger, Irving	Special	Bronx, N. Y.
Tokayer, Norman	Junior	Brooklyn, N. Y.
Toporovsky, Norman	Senior	Brooklyn, N. Y.
Traub, Gerald	Sophomore	Brooklyn, N. Y.
Treitel, Theodore	Sophomore	New York, N. Y.
Treitman, Howard	Sophomore	Brooklyn, N. Y.
Tuchinsky, Isidore	Freshman	Brooklyn, N. Y.
Tuchman, Albert	Freshman	Brooklyn, N. Y.
Turk, Gerald	Senior	Brooklyn, N. Y.
Unger, Hugo	Senior	Pittsburgh, Pennsylvania
Urivetsky, Joseph	Junior	New York, N. Y.
Wachtfogel, Joshua	Junior	Philadelphia, Pennsylvania
Wagner, Max	Junior	Brooklyn, N. Y.
Wagner, Stanley	Senior	Kew Gardens, N. Y.
Wallace, Donald	Freshman	Boston, Massachusetts
Walles, Norman	Senior	Brooklyn, N. Y.
Walter, Wolf	Freshman	Bronx, N. Y.
Wanderer, Zev	Senior	New York, N. Y.
Washer, Saul	Freshman	Teaneck, New Jersey
Weber, Marcel	Freshman	Far Rockaway, N. Y.
Weinberg, Israel	Freshman	Brooklyn, N. Y.
Weinberg, Joseph	Sophomore	Baltimore, Maryland
Weinberg, Martin	Senior	New York, N. Y.
Weinberg, Norbert	Senior	Yonkers, N. Y.
Weinberger, Hershel	Junior	Brooklyn, N. Y.
Weinstein, Ephraim	Freshman	Paterson, New Jersey
Weisbrod, Alvin	Senior	Brooklyn, N. Y.
Weisenberg, Maurice	Junior	Worcester, Massachusetts
Weiss, Mosheh	Sophomore	Bronx, N. Y.
Wertheimer, Morton	Freshman	Philadelphia, Pennsylvania

Wildes, Leon	Junior	Olyphant, Pennsylvania
Witty, Irwin	Senior	Brooklyn, N. Y.
Witty, Stanley	Senior	Brooklyn, N. Y.
Woldenberg, David	Senior	Brooklyn, N. Y.
Woolf, Leon	Senior	Baltimore, Maryland
Yavne, Israel	Junior	Brooklyn, N. Y.
Youlus, Joshua	Senior	Brooklyn, N. Y.
Zahner, Stanley	Freshman	Brooklyn, N. Y.
Zelevsky, Melvin	Freshman	Mt. Freedom, New Jersey
Zev, Jacob	Junior	Brooklyn, N. Y.
Zigelman, Harold	Freshman	Elizabeth, N. J.
Zimmer, Eric	Junior	New York, N. Y.
Zuckerman, Israel	Sophomore	Arverne, N. Y.
Zundell, Myron	Sophomore	Winthrop, Massachusetts
Zwang, Morris	Junior	Newark, New Jersey
Zwiebel, David	Freshman	Far Rockaway, N. Y.

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SUGGESTED FORM OF BEQUEST

I hereby give and bequeath to Yeshiva University the sum of \$..... to be used for the furtherance of its educational purposes.