

YESHIVA UNIVERSITY

WILF CAMPUS

**Yeshiva College**

**Sy Syms School  
of Business**

2004  
-  
2002

# Undergraduate Catalog

FOR MEN



## SCHOOLS, DIVISIONS, AND AFFILIATES

### UNDERGRADUATE SCHOOLS

YESHIVA COLLEGE  
Jay and Jeanie Schottenstein  
Honors Program  
Robert M. Beren Department of Jewish Studies  
Isaac Breuer College of Hebraic Studies  
James Striar School of General  
Jewish Studies  
Yeshiva Program/Mazer School of  
Talmudic Studies  
Irving I. Stone Beit Midrash Program

STERN COLLEGE FOR WOMEN  
S. Daniel Abraham Honors Program  
Rebecca Ivry Department of Jewish  
Studies

SY SYMS SCHOOL OF BUSINESS  
Rennert Entrepreneurial Institute

### GRADUATE AND PROFESSIONAL SCHOOLS

ALBERT EINSTEIN COLLEGE OF MEDICINE  
Sue Golding Graduate Division of Medical  
Sciences  
Belfer Institute for Advanced Biomedical  
Studies  
Michael F. Price Center for Genetic and  
Translational Medicine

AZRIELI GRADUATE SCHOOL OF JEWISH  
EDUCATION AND ADMINISTRATION

BENJAMIN N. CARDOZO SCHOOL OF LAW  
Jacob Burns Institute for Advanced Legal  
Studies  
The Floersheimer Center for Constitutional  
Democracy

BERNARD REVEL GRADUATE SCHOOL  
OF JEWISH STUDIES  
Harry Fischel Summer Program

FERKAUF GRADUATE SCHOOL OF  
PSYCHOLOGY

WURZWEILER SCHOOL OF SOCIAL WORK

### AFFILIATES

RABBI ISAAC ELCHANAN THEOLOGICAL  
SEMINARY  
Rabbi Joseph B. Soloveitchik Center of  
Rabbinic Studies  
Rabbi Norman Lamm Kollel L'Hora'ah  
Yadin Yadin Semikhah Program  
Bella and Harry Wexner Kollel Elyon and  
Semikhah Honors Program  
Israel Henry Beren Institute for Higher  
Talmudic Studies (HaMachon  
HaGavohah Le'Talmud)  
Gabriel Levine Post-Graduate School for  
Rabbinic Studies  
Marcos and Adina Katz Kollel (Institute  
for Advanced Research in Rabbinics)  
Ludwig Jesselson Kollel Chaverim  
Max Stern Division of Communal Services

PHILIP AND SARAH BELZ SCHOOL OF  
JEWISH MUSIC

YESHIVA UNIVERSITY HIGH SCHOOLS  
The Marsha Stern Talmudical Academy-  
Yeshiva University High School for Boys  
Milton and Pearl Unger Department of  
Jewish Studies  
Ilean K. Goldberg Program for Honors  
Students  
Samuel H. Wang Yeshiva University High  
School for Girls

YESHIVA UNIVERSITY MUSEUM

### IN ISRAEL

CAROLINE AND JOSEPH S. GRUSS  
INSTITUTE IN JERUSALEM

S. DANIEL ABRAHAM ISRAEL PROGRAM

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#### **ABOUT THIS CATALOG**

This Catalog supersedes all previous Catalogs and academic information and policies and is binding on all students. It was prepared on the basis of the best information available at the time of publication. The University reserves the right to change tuition, fees, course offerings, regulations, and admission and graduation requirements at any time without prior notice. Students should consult the Office of the Registrar and the Offices of the Deans for changes.

When preparing their programs each semester, students should consult with faculty advisors and academic counselors.

#### **EQUAL OPPORTUNITY**

The University is committed to a policy of equal opportunity and nondiscrimination in admission and all other facets of its educational programs and activities. The University encourages applications from qualified students regardless of sex, religion, age, race, disability, marital status, color, or national origin, within the meaning of applicable law.

Address inquiries concerning the University's nondiscrimination policies to the Affirmative Action Administrator, Yeshiva University, Jack and Pearl Resnick Campus, 1300 Morris Park Avenue, Bronx, NY 10461-1602; 718-430-3272.

#### **CALENDAR**

Yeshiva University operates on the semester system. The academic year consists of two semesters, each 15 weeks including examinations; the fall term generally runs from late August or early September to mid-January, and the spring term from late January to early June. Classes meet Sunday through Friday. There is a limited undergraduate summer session. The University is not responsible for interruptions beyond its control.

#### **ACCREDITATION**

Yeshiva University is accredited by the Commission on Higher Education Middle States Association of Colleges and Schools, and the following programs by the appropriate professional agencies: the program in medicine, by the Liaison Committee on Medical Education of the American Medical Association and the Association of American Medical Colleges; the programs in clinical and school psychology, by the American Psychological Association; the programs in law, by the American Bar Association; the MSW program in social work, by the Commission on Accreditation of the Council on Social Work Education; the programs in Jewish education, by the Association of Institutions of Higher Learning for Jewish Education and the National Board of License for Hebrew Teachers

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# Yeshiva University

Yeshiva University, in its second century, is an independent institution under Jewish auspices chartered by the State of New York. It is accredited by the Commission on Higher Education Middle States Association of Colleges and Schools and by specialized professional agencies. It offers programs leading to associate's, bachelor's, master's, doctoral, and professional degrees.

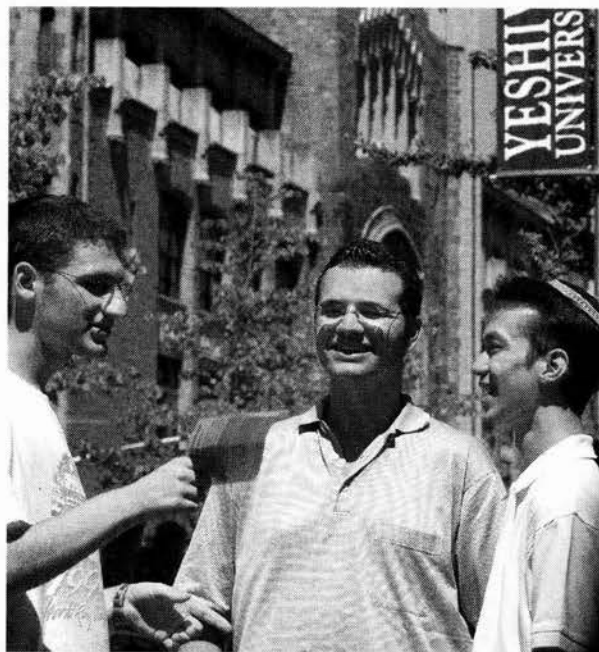
In addition to its extensive teaching programs, the University maintains a network of affiliates, conducts widespread programs of research and community outreach, and issues publications. It is also the original home of the Yeshiva University Museum, now located in the Greenwich Village section of Manhattan.

The University's thousands of graduates are found throughout the United States and overseas, in every profession. Among its alumni are judges, university professors and presidents, religious leaders, business executives, government officials, artists, writers, doctors, and scientists. The University's roster of honorary degree recipients includes Nobel laureates, world political leaders, philanthropists, and other individuals committed to the betterment of society.

## MISSION

The University's guiding vision is the confidence that the best of the heritage of contemporary civilization—the liberal arts and sciences—is compatible with the ancient traditions of Jewish law and life. On the undergraduate level, this belief is embodied in the dual curriculum under which students pursue a full program of Jewish studies while taking college programs in the liberal arts and sciences and business and receiving specialized preparation for advanced work in a discipline or profession. On the graduate level, this special mission is embodied in emphasis on the moral dimensions of the search for knowledge and the ethical principles that govern professional practitioners.

Yeshiva University also is committed to the love of learning for its own sake (known in Jewish tradition as *Torah Lishmah*) and to teaching and research that emphasize the attainment of excellence.



Another, no less important, goal of the University is to serve the general and Jewish communities of the city, the nation, and the world by preparing well-trained professionals in many fields and providing pioneering resources for community service.

## HISTORY

Yeshiva University traces its origins to Yeshiva Eitz Chaim, founded in 1886 on New York's Lower East Side. In 1896, the Rabbi Isaac Elchanan Theological Seminary (RIETS) was founded there; the New York State Board of Regents chartered it in 1897. In 1915, the two schools merged.

Under the leadership of Dr. Bernard Revel, who served as president from 1915 until his death in 1940, the institution embarked on a plan of educational development and growth. In 1929, the institution moved to its Wilf Campus, Washington Heights, in northern Manhattan. Liberal arts programs began with the establishment of Yeshiva College in 1928, and the first graduate curriculum (in Jewish studies) was introduced in 1935.

The election of Dr. Samuel Belkin as president in 1943 inaugurated a new era of expansion. University status was granted in 1945 by the New York State Board of Regents. The institution initiated programs

of general and professional studies, research, and special projects to benefit many constituencies. These included a college of liberal arts and sciences for women and graduate schools of medicine, law, social work and psychology.

Dr. Norman Lamm was elected president in 1976, following Dr. Belkin's death. He undertook a complete review of the University's structure and operations, and significantly expanded undergraduate study opportunities to include, among other things, a new undergraduate school of business. He also has enriched graduate and professional school resources and has established a carefully monitored fiscal system and development program to further the University's goals.

## **FACILITIES**

The University's undergraduate, graduate, and professional schools are located in Manhattan (Wilf Campus, 500 West 185th Street; Midtown Campus, 245 and 215 Lexington Avenue; Brookdale Center, 55 Fifth Avenue) and the Bronx (Jack and Pearl Resnick Campus, Eastchester Road and Morris Park Avenue). All campuses have residence facilities; the Wilf, Midtown, and Resnick campuses have dining and athletic facilities as well. While part of a multifaceted University community, each school retains the intimate character of a smaller institution.

Yeshiva University's frequent van service provides Wilf and Midtown Campus students ready access to transit connections and other YU campuses.

## **LIBRARIES**

The University's four-campus library system houses some 1.1 million volumes, 1.2 million microforms, and 10,350 journals and serial publications in the arts and sciences and Judaica. It is a selective depository for U.S. Government publications.

At the Wilf Campus, the Mendel Gottesman Library—a six-story, block-long central library building—houses the Pollack Library, Landowne-Bloom Library, and Mendel Gottesman Library of Hebraica-Judaica.

At the Midtown Campus, the Hedi Steinberg Library serves undergraduates, the Azrieli Graduate School of Jewish Education and Administration, and some programs of the Wurzweiler School of Social Work.

The Dr. Lillian and Dr. Rebecca Chutick Law Library of Benjamin N. Cardozo School of Law is at the Brookdale Center, and the D. Samuel Gottesman Library of Albert Einstein College of Medicine and Ferkauf Graduate School of Psychology at the Resnick Campus.

Special collections, including Rare Books and Manuscripts, the University Archives and the Sephardic Reference Room, are located in the Gottesman Library.

All Yeshiva University students may take advantage of these resources in person or through interlibrary loan arrangement by making requests at the libraries serving their respective schools.

## **Technology**

YULIS, the Yeshiva University Library Information System, serves the Wilf and Midtown Campus libraries. The YULIS catalog contains information about 278,000 titles held by the Pollack Library, Hedi Steinberg Library, Mendel Gottesman Library of Hebraica-Judaica, Landowne-Bloom Library, and University Archives. Data about newly acquired items is added continually, and information from catalog cards for older materials is being converted.

Undergraduate and graduate programs, in general as well as Judaic studies, are supported by a wide range of electronic resources accessed via YULIS computers in the libraries and from home by authorized library patrons. More than 250 databases are included among these electronic resources as well as more than 7,000 journals and newspapers available in full text. Among these are the MLA Bibliography, Social Work Abstracts, databases of First Search, UMI Proquest, Lexis-Nexis Academic Universe, Stat-USA, Judaic Classics, Responsa, and Talmudic Encyclopedia, to name a few. Media collections, microfilm, microfiche, audiocassettes, compact discs, and videocassettes supplement the libraries' print and on-line resources.

## **Special Collections**

The University's Rare Books and Manuscripts Division contains several thousand rare Judaica and Hebraica volumes, 39 Hebrew incunabula (books printed before 1500), and more than 1,000 literary and historical manuscripts. The University has acquired an illuminated Bible manuscript completed in Prague in 1489.

Through the beneficence of the Jesselson Family Trusts, the University has acquired a number of rare materials (including Jewish Americana), published a catalog of its incunabula and, in general, made its Judaica collections more accessible to students and scholars.

In addition to Yeshiva University records, the University Archives contain private and organizational papers relating to modern Jewish history and culture. The archives focus on records of Jewish institutions and individuals, and include files, letters,

memoirs, clippings, posters, and photographs. Some important collections: Central Relief Committee, Vaad Hatzalah, Student Struggle for Soviet Jewry, Jewish Defense League, and National Council of Jewish Women.

#### **Affiliations**

Since 1974, the University's libraries have participated in OCLC, a global library cooperative of more than 40,000 libraries in 76 countries. Members of this shared on-line system have access to 46 million catalog records and can borrow materials from OCLC libraries by generating on-line requests.

The library system is a member of METRO, the Metropolitan Reference and Research Library Agency. Students with legitimate research needs may gain entry to all METRO member libraries by requesting a METRO card.

Through special membership in the Research Libraries Group, the libraries participate in RLIN, the Research Libraries Information Network; in the RLG Shares program for interlibrary loan; and in programs for preservation of library materials. Each University library maintains affiliations with agencies devoted to its particular specialty, such as Jewish studies, social work, law, or medicine.

#### **YESHIVA UNIVERSITY MUSEUM**

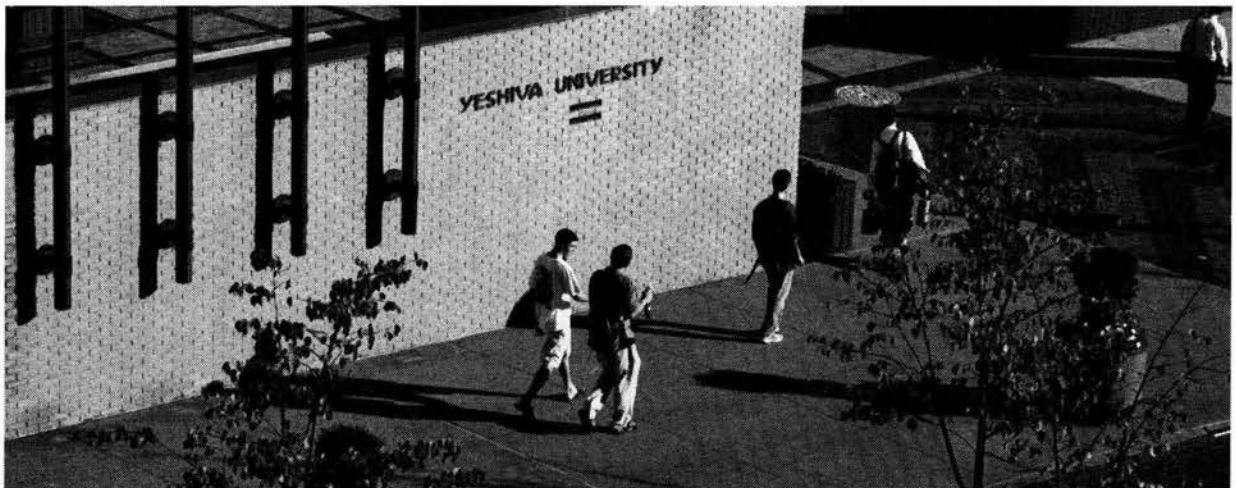
The Yeshiva University Museum, in its new Greenwich Village location, presents innovative exhibits reflecting Jewish life through the humanities—art, architecture, music, literature, science, history, and anthropology. It fulfills its mission as a teaching museum through community outreach programs, satellite galleries, and cultural events, including crafts festivals, concerts, and children's workshops.

#### **COMPUTER FACILITIES**

Recognizing the increasing role of high technology, Yeshiva University continually enhances its computer facilities and services. Through IBM and IBM-compatible computer workstations located in the Hirsch/Polackoff Computer Centers, undergraduate students have access to software applications in business, computer science, humanities, mathematics, and the natural, physical, and social sciences on a local area network (LAN), and a number of CD-ROM-based databases on workstations in the Gottesman Library building and the Hedi Steinberg Library. A wide area network (WAN) links computer resources on all YU campuses, yielding access to such resources as the on-line catalog and mini-MEDLINE systems at Albert Einstein College of Medicine as well as all Internet-based resources worldwide, with library computers offering menu-driven search capabilities.

A University-wide computer network infrastructure supports all academic and administrative computing services and is designed to meet the institution's computer technology needs well into the 21st century. A network of fiber-optic cables and high-speed telephone lines connects buildings on each campus and bridges the campuses themselves.

The cabling will make possible the operation of a new automated, networked information system—with Internet access—at the Mendel Gottesman and Hedi Steinberg libraries, and the BANNER system for registration, financial aid, and other administrative departments. It also will support systems providing access to e-mail, the World Wide Web, and the University's academic applications and internal general-purpose servers.





## FACILITIES IMPROVEMENT PROGRAMS

Through ongoing renovations, the University offers state-of-the-art facilities and technologies—providing a supportive environment for each student's academic and personal growth. Many recent renovation projects have added, upgraded, and redecorated buildings; refurbished common areas; and expanded security services. One project entailed the cabling of offices and computer rooms in Furst and Belfer Halls for Internet and University-systems access, and Belfer Hall boasts a new computer classroom accommodating 35 students.

The Wilf Campus's Max Stern Athletic Center, constructed through major gifts by Leonard N. Stern and the Max Stern Foundation, is a fully-equipped facility for the University's sports programs. It houses the regulation-size Melvin J. Furst Gymnasium, a fully-equipped weight training/fitness studio, a track, locker rooms, an athletic treatment center, a game/TV lounge, and bleacher seating for 1,100 spectators.

The Benjamin Gottesman Pool, which adjoins the Max Stern Athletic Center, was made possible by a major gift from David S. Gottesman in memory of his father. In addition to a six-lane pool, the building houses a whirlpool, sauna, steamroom, and shower-locker room.

With the aid of a major gift by the late Jerome Schottenstein of Columbus, Ohio, and other members of the Schottenstein family, the University acquired a building for renovation and renamed it the Schottenstein Center. The Center houses the Philip and Sarah Belz School of Jewish Music; the Mr. and Mrs. Harry A. Gampel Communications Center, with offices for student publications, radio station WYUR, and student government; offices for other student activities; the Schottenstein Theater; the Florence and Sol Shenk Facility; and galleries housing innovative art from North America and Israel.

In a welcome contrast to New York's usual bustle, two blocks of Amsterdam Avenue and an adjoining block of 185th Street have become "limited-use" streets, with colorful banners, a pedestrian mall, widened sidewalks, and attractive plantings and street furniture.

The Herbert and Florence Tenzer Garden provides the campus community with an elegant, open-air setting for study and quiet relaxation. Its Benefactors Wall of Jerusalem stone honors YU's outstanding supporters.



# Admissions

The University is committed to a policy of equal opportunity and nondiscrimination in admission and all other facets of its educational programs and activities. The University encourages applications from qualified students regardless of sex, religion, age, race, disability, marital status, color or national origin, within the meaning of applicable law.

## APPLICATION PROCEDURES

**Where to Apply:** All correspondence on matters of admission should be addressed to the Office of Admissions, Yeshiva University, 500 West 185th Street, New York, NY 10033-3299. The Office of Admissions is located in Room 419 of Furst Hall, and can be reached by phone (212-960-5277), fax (212-960-0086) or e-mail ([yuadmit@ymail.yu.edu](mailto:yuadmit@ymail.yu.edu)).

**How to Apply:** Students must submit the admissions application plus required essay. They must arrange to have a transcript of their high school record and their scores on either the Scholastic Assessment Test I (SAT I) or the American College Testing examination (ACT) forwarded to this office. Applicants are required to schedule an interview at the University or with a University representative in their vicinity. Applicants who plan to come to the University for interviews may arrange in advance to sit in on classes and tour the campus with a current student.

**When to Apply:** Candidates may apply at any time after completion of their junior year of high school, preferably by February 15, for admission in the September following their graduation. Applicants are considered on an individual basis for midyear admission.

## REQUIREMENTS FOR ADMISSION

The high school scholastic record, SAT I or ACT scores, and results of statewide tests such as the New York State Regents Examinations are of primary importance in determining a student's qualifications for admission. The Committee on Admissions also considers the applicant's character, personality, and contributions to school and community life.

**Average:** To qualify for admission, a candidate must present a high school average of at least 85 or its equivalent. The Committee on Admissions may require higher averages from students who come from schools whose academic standards are not known to the Committee.

**Tests:** All applicants must take either the SAT I or ACT exam. The results of these tests supplement the high school grades. Most successful applicants have a combined score of at least 1100 on the SAT I or an equivalent score on the ACT. Optionally, applicants may also take subject-matter achievement tests such as those of the SAT II testing program of the College Board.

Applicants should take the SAT I/ACT in May of the junior year of high school, or November of the senior year, and the Modern Hebrew Achievement Test in June of the junior year. Although these tests are normally given on Saturday, Sabbath-observing students may take them on Sunday in those months. Full information is available from the Office of Admissions or college guidance counselor at the student's high school.

Bulletins and applications may be obtained from

College Board  
Box 6200, Princeton NJ 08541-6200  
[www.collegeboard.com](http://www.collegeboard.com)  
(609) 771-7435

Students who live in the western states should call (415) 654-1200 or write  
6425 Christie Ave., Emeryville, CA 94608

or—

American College Testing Program  
Box 168, Iowa City, IA 52243  
[www.act.org](http://www.act.org)

**Secondary School Units:** Applicants must be graduates of an academic high school. They must present 16 units of secondary school work in college preparatory subjects. (To earn one unit, a student must attend classes in a major subject 180 forty-minute periods per school year; a half unit is given for the same amount of work in a minor subject, i.e., one not requiring preparation.)

The 16 units required for admission must include the following:

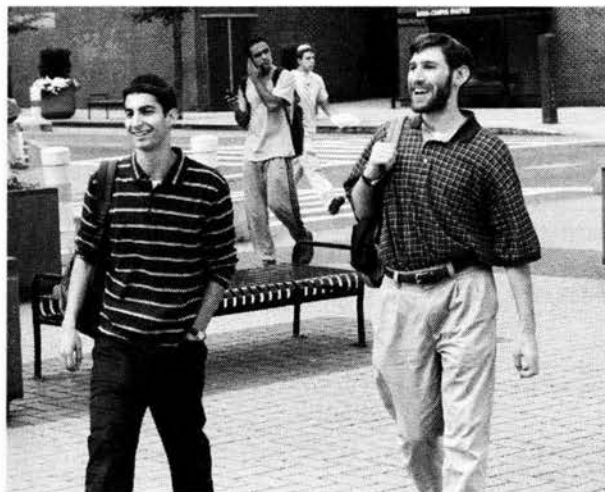
English . . . . .	4
Additional language . . . . . (two years of one language, classical or modern)	2
Social studies . . . . . (American, European, or world history)	2
Mathematics . . . . . (college preparatory)	2
Science . . . . . (general science, biology, chemistry, or physics)	2

The remainder of the required 16 units may be chosen from among any college preparatory subjects, with no more than 1 credit from a commercial or minor subject. In New York State, a Regents Examination must be taken in every subject offered for admission credit if the high school gives such an examination.

**APPLICANTS WHO ARE NOT HIGH SCHOOL GRADUATES**

To qualify for the Early Admission Program, the applicant must complete the junior year of high school, with a minimum of six regular academic-year terms in residence. Fifteen units must be completed, including the following eleven:

English . . . . .	3
Additional language . . . . .	2
Social studies . . . . .	2
Mathematics . . . . .	2
Science . . . . .	2



The applicant must present a high school average of at least 90, or its grade-point average (GPA) equivalent, and a combined score of 1270 on the SAT I or ACT equivalent for admission under the regular Early Admission Program, under which the student may take a full college program (normally 15 credits per semester).

For admission under the Limited Early Admission Program, the student must present a high school average of 85 and a combined score of 1220 on the SAT I. Such students may take 12 to 14.5 credits at college each of the first two semesters.

A letter of recommendation is required from the applicant's principal or college guidance counselor.

Applicants who are not high school graduates (or foreign applicants who do not have the equivalent diploma or cannot produce records) may be admitted if they pass the High School Equivalency Examination administered by New York State (commonly called the GED test) in addition to performing well on the College Board tests. While the passing mark is a 45 average, the minimum required for admission to Yeshiva University is 50, with a minimum of 40 on each test.

Full details about the GED test may be secured from any high school in New York or, in other states, from their respective departments of education.

A diploma from a correspondence school is not acceptable for admission purposes. Students with such diplomas are required to pass the GED test, as described above.

**ADMISSION WITH ADVANCED STANDING**

A maximum of 32 credits may be transferred for work done in high school as follows:

*Joint Programs:* A maximum of four semester courses (12 credits) taken in 12th grade through joint high school/college programs if those programs are offered on college campuses, taught by college professors and require research in college libraries. The University's undergraduate programs do not grant transfer credit/exemptions for joint high school programs with community colleges or for courses taken during the summer at community colleges.

*OACs.* As of fall 2001, Yeshiva College does not grant credit or exemption for Ontario Academic Courses (OACs).

*CEGEP* credits not taken in the summer are considered community college credits. They are evaluated as transfer credit.

**No credit is awarded for the Israeli Bagrut or Psychometric Exams.**

**The balance of maximum transferable high school credits may be earned through the following standardized exams:**

*Advanced Placement Examination (AP):* AP and AP-type courses may only be taken for credit/exemption before graduation from high school. Generally, a score of 4 or 5 earns credit; score of 3 earns exemption. To earn lab credit for AP science courses, students must present lab work for University approval. A score of 5 earns credit for English composition in Yeshiva College. Neither credit nor exemption is awarded for English literature.

*Jerusalem Examination:* The Jerusalem Examination is in two parts: one on Hebrew language and the other on Hebrew literature. Hebrew University administers the Examination annually at various locations throughout the world, including many cities in the United States and Canada. Yeshiva University's policy on credit for this examination is available from the Office of the Registrar or the Office of Admissions. Students must take the Jerusalem Examination prior to graduation from high school to earn Yeshiva University credit.

*Part I: Literature*  
 65-74 No credit; no exemption  
 75-up 3 credits-HEB Elective  
 (does not satisfy any requirements)

*Part II: Language*  
 0-64 No credit; no exemption  
 65-74 Exemption - HEB 1205  
 Intermediate Hebrew I  
 75-84 3 credits - HEB 1205  
 Intermediate Hebrew I  
 85-89 3 credits - HEB 1205  
 Intermediate Hebrew I; exemption from  
 HEB 1206, Intermediate Hebrew II  
 90-up 6 credits - HEB 1205, Intermediate  
 Hebrew I; HEB 1206, Intermediate  
 Hebrew II

*Jewish History Examination:* The University administers its own college-level placement examination in Jewish history at cooperating high schools each January and June. Students must take this test before graduation from high school.

## TRANSFER STUDENTS

Applicants who have attended another college must satisfy the same requirements as applicants who come directly from high school. They must also have maintained a B average or GPA equivalent at the institution from which they are transferring.

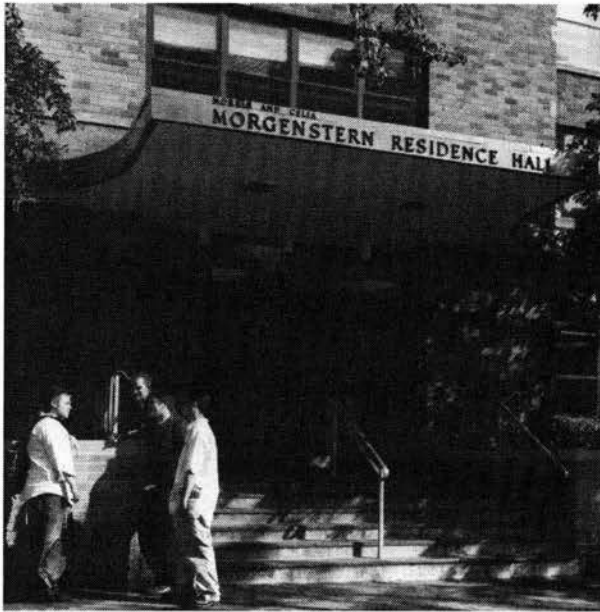
While the University is pleased to encourage the competent applicant who has valid and legitimate reasons for transferring to Yeshiva University, it cannot encourage an applicant with a history of academic or personal difficulty. University admissions policy restricts consideration of transfer to those students with satisfactory academic and personal records. In the event of academic or personal difficulty, students are usually advised to remain in their present college and clear their record before attempting to transfer.

Students who transfer to Yeshiva College after two or more years of full-time study at an accredited degree-granting college or university (not a yeshiva), will meet the residency requirement after being in residence at Yeshiva College in New York for at least four semesters and taking at least 12 credits each semester and completing at least 58 credits at Yeshiva College. All other students transferring credits must complete a minimum of 84 credits in residence at the Yeshiva University campus in New York.

All students who wish to obtain transfer credit for courses taken at other institutions must file official transcripts with the Office of the Registrar no later than two months after beginning their studies at Yeshiva University or two months after completion of the courses, whichever is later.

No credit may be transferred if the course grade is below C; or if the subject is technical, vocational or not ordinarily classified as liberal arts, science or business; or if the course is more than 10 years old. Transfer credits do not appear on a student's permanent record until the student has satisfactorily completed at least 12 credits at Yeshiva University in New York, and may be revoked, either in whole or in part, if subsequent work, either generally or in a particular subject, is not satisfactory.

The maximum credit that may be transferred from accredited, degree-granting institutions is no more than 22 per semester and 43 in a 12-month period. A maximum of 8 credits per semester, or 16 in a 12-month period, for a total of up to 32 credits, may be granted for study at an approved American non-degree-granting institution. Transfer of credit is subject to several limitations and restrictions; contact the Office of Admissions for full details.



Courses transferred from another institution, whether taken before or after admission to Yeshiva University, appear on the student's record with credit value only; grades earned elsewhere are not entered on the Yeshiva College/Sy Syms School of Business transcript.

#### **FOREIGN APPLICANTS**

Applicants from all foreign countries and in the United States for less than three years should complete the Foreign Student Questionnaire included in the application packet. All applicants who have attended foreign schools must send their records, along with official translations, to the Office of Admissions. Applicants from non-English-speaking countries may be allowed to take the Test of English as a Foreign Language (TOEFL) in lieu of the verbal part of the SAT I, and must score a minimum of 525 on the paper-based test or 197 on the computer-based test to be admitted to Yeshiva University. For permission to substitute the TOEFL for the College Board series, applicants should contact the Office of Admissions. A bulletin and other information regarding the test itself may be obtained from

TOEFL SERVICES  
P.O. Box 6151  
Princeton, NJ 08541  
USA  
(609) 771-7100  
(609) 771-7500 FAX  
[www.toefl.org](http://www.toefl.org)

Students who are unable to take the TOEFL in their country should write to the Office of Admissions, which may permit the substitution of an alternate test site.

Non-native English speakers in the United States less than seven years undergo a language screening prior to registering. Students who do not demonstrate near-native proficiency in English are required to register for developmental writing and speaking English courses their first semester and to attend such courses until they pass and are able to register for mainstream composition and speech courses. Students whose language proficiency does not reach the introductory developmental level may be required to take courses outside of the University until they have demonstrated language proficiency sufficient to register for the developmental language courses.

#### **VETERANS**

A veteran honorably discharged from the armed forces with service of at least one year may be granted two credits for completion of basic training and military service in lieu of Physical Education. Veterans with at least two years of service may be allowed an additional two credits in lieu of Physical Education.

Yeshiva University grants credit for courses taken with the Armed Forces Institute in accordance with the regulations of the New York State Education Department and with the recommendations of the American Council on Education.

#### **COLLEGE COURSES FOR HIGH SCHOOL STUDENTS**

Yeshiva University High School seniors with good records may take individual undergraduate courses at Yeshiva College or Sy Syms School of Business for which they may receive college credit. For information on availability of courses, contact the Office of the Registrar.

#### **S. DANIEL ABRAHAM ISRAEL PROGRAM**

Yeshiva University has established the S. Daniel Abraham Israel Program to enable its students to spend a period of time studying in Israel. If enrolled while studying at affiliated institutions in Israel, students are listed as enrolled at Yeshiva University. This provides for a smooth academic and social transition in going to and returning from Israel.

Students may also study at other approved degree and non-degree institutions; refer to the Transfer Student section above regarding the University's policy on transfer of credit from other schools.

### TYPES OF ADMISSION

Each admitted student is classified under one of the following categories. Not all schools admit under all categories.

*Regular Students:* Students admitted with permission to work toward degrees or diplomas fall into the Regular category. A Regular student admitted with a condition must resolve it within the time limit set by the Office of Admissions to maintain regular student status.

*Provisional Students:* Students admitted without meeting the full requirements for Regular status are Provisional. If, after two semesters of full-time attendance, such students demonstrate satisfactory performance they may petition the dean to be reclassified as Regular. While classified as Provisional, students take a limited program of 12 to 13.5 credits and must consult with the dean each semester before registration to review their progress and receive approval of their proposed programs.

*Transient Students:* Applicants who wish to enroll only for certain courses to meet their particular needs at other institutions, without pursuing a regu-

lar program leading to a degree or diploma at Yeshiva University, may be admitted as Transient students, with the permission of their home institution and the specific approval of the school of Yeshiva University to which they have applied. Opportunities for such study are limited. Normally, students in this category may enroll for not more than 9 credits.

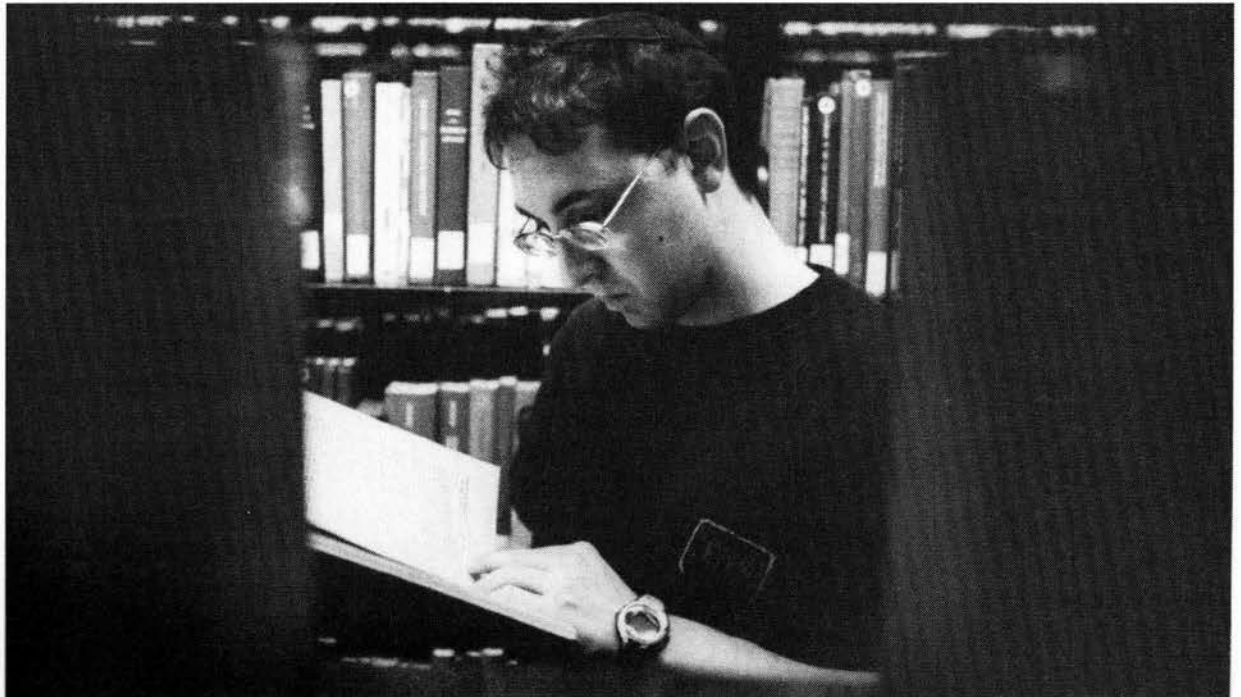
*Visiting Students:* With the permission of both schools, students enrolled with Regular or Provisional status in one school of Yeshiva University may register for a limited number of courses at another school as Visiting students.

All students, regardless of their status, must meet all standards and comply with all regulations and requirements.

### UNIVERSITY RESOURCES

Undergraduate students have many opportunities to benefit from the graduate and professional schools that are also part of Yeshiva University. These include academic programs such as funded summer internships at the Albert Einstein College of Medicine and joint degree programs with the Wurzweiler School of Social Work and the Cardozo School of Law.

There are special scholarships for YU undergraduates who go on to graduate study within the University, such as the David Berg and Family scholarships at the Cardozo School of Law.



# Student Finances

## TUITION AND FEES, 2002-2003

### UNDERGRADUATE STUDENTS

#### Tuition:

New students/ first time on campus: . . . . .	\$20,500 per year
2nd year on campus: . . . . .	\$19,600 per year
3rd year on campus . . . . .	\$18,400 per year

#### Other semesterly fees:

University Registration Fee . . . . .	\$300 per year
Dormitory Rental . . . . .	\$4,750 per year
Dormitory Registration Fee . . . . .	\$20 per year
Dining Club Membership . . . . .	\$1,800 per year
Student Fees . . . . .	\$160 per year

#### Miscellaneous fees:

Leave of Absence Fee . . . . .	\$20 per sem.
Laboratory Fees. . . . .	<i>see individual course descriptions</i>
Transcript of Record . . . . .	\$4 each; \$8 for <i>rush</i>
Graduation Fee . . . . .	\$50 <i>(to be paid with application for graduation)</i>
Makeup Examinations . . . . .	\$15 each
Exemption Examinations . . . . .	\$40 each

Meals are available on an individual basis from the cafeterias at the Wilf and Midtown campuses and in local restaurants. On-campus food costs average \$3,780 per year for students in residence including the \$1,800 Dining Club membership fee, and \$2,930 for commuting students.

Part-time students taking fewer than 7 credits per semester are charged \$725 per credit plus a \$25 registration fee.

Undergraduate students enrolled for 7 or more undergraduate credits per semester pay full-time tuition. Undergraduate students enrolled for fewer than 7 undergraduate credits are part-time students, and are charged at the undergraduate per-credit rate.

Full- and part-time students may enroll in approved graduate courses at no additional charge during their last year of undergraduate study. Part-time students are charged at the graduate per credit rate for graduate courses.

#### Leave of Absence

Students who wish to leave the University temporarily should contact the Registrar's Office for a leave of absence application. A fee of \$20 per semester must accompany the application.

## Financial Aid

### FINANCIAL ASSISTANCE PROGRAMS

Students seeking financial assistance from Yeshiva University are required to submit the Free Application for Federal Student Aid (FAFSA). The CSS Profile form is optional. Prospective students should file their Financial Assistance Application as early as possible after January 1 of the year they will attend Yeshiva University. Forms are available from the Office of Financial Aid, the Office of Admissions and online at FAFSA, [www.fafsa.ed.gov](http://www.fafsa.ed.gov) (YU ID = 002903); CSS Profile, [www.collegeboard.com](http://www.collegeboard.com) (YU ID = 2990).

The Yeshiva University Financial Assistance Program includes many sources of aid, such as the following:

#### Yeshiva University-Sponsored Scholarships Based on Academic Merit

These scholarships are designed for exceptionally gifted students who demonstrate high academic achievement and a commitment to Jewish studies. Annual awards range from \$3,000 to full tuition support for undergraduate studies at the University's New York campuses.

#### Distinguished Scholars Program

Qualified applicants may be designated as Distinguished Scholars. Each receives a full tuition or \$10,000 scholarship for up to four years of on-campus study toward a bachelor's degree.

Distinguished Scholars automatically enter the Jay and Jeanie Schottenstein Honors Program and participate in an enriched course of study, including Freshman Honors Seminars and special events that tap the unparalleled cultural and intellectual resources of New York. A faculty mentor provides individualized guidance for each participant.

#### **Academic Scholars Program**

The Academic Scholars Program offers substantial scholarships to outstanding undergraduate students who are not named Distinguished Scholars. Annual awards range from \$3,000 to \$10,000 for up to four years of on-campus study. Some Academic Scholars also apply to and are admitted to the Jay and Jeanie Schottenstein Honors Program.

#### **University Grants**

University grants are direct gifts from the University to the student and depend on the amount of financial need and student eligibility for funding from other programs. This program is made possible largely by Yeshiva University's National Scholarship Program, supported by communal agencies and individuals throughout the Western Hemisphere.

#### **Federal Perkins Loan Program**

The Federal Perkins Loan, a federal program administered by Yeshiva University, provides very low cost education loans toward undergraduate educational expenses. Undergraduate students may be awarded up to \$1,500 per year. Repayment begins nine months after the borrower ceases to be a half-time student and is made in quarterly installments for up to 10 years. No interest accrues on the loan before the payment period begins; thereafter, simple interest of 5 percent per year is paid on the outstanding balance.

#### **Federal Work-Study Program**

The Federal Work-Study Program provides students who demonstrate financial need with employment to help meet supplementary educational expenses. The Office of Human Resources places students in jobs that, wherever possible, are in keeping with their career goals and previous work experience. In many cases, students without prior work experience receive on-the-job training.

The academic year Work-Study Program provides part-time employment of up to 15 hours per week while classes are in session at the Wilf Campus, Midtown Campus, and Brookdale Center.

The summer Work-Study Program provides employment of up to 35 hours per week either off-campus near the student's home or at a YU campus. Only students who will attend in the fall semester may participate in the previous summer Work-Study Program.

#### **Federal Pell Grant**

The Pell Grant, administered and funded by the federal government, provides grants of up to \$4,000 per year toward the educational expenses of U.S. citizens and permanent residents. Eligibility is determined by a formula set by Congress, and is based on most of the information requested in the FAFSA.

#### **Federal Supplemental Educational Opportunity Grant**

The SEOG program was established by the federal government to help students from the lowest-income families meet educational expenses. Grants start at \$200, and are based on extreme financial need. Recipients also must be eligible for and receive the Pell Grant.

#### **Yeshiva University Student Loan Program**

This program is generally available to eligible students. A maximum \$1,500 per year may be borrowed at 5 percent interest. Repayment begins nine months after the student is no longer enrolled at Yeshiva University and ends 10 years later. Eligibility is determined by financial need.

#### **OTHER SOURCES OF ASSISTANCE**

In addition to the programs mentioned above, the following sources of assistance are worthy of consideration:

#### **Federal Stafford Loan Program**

The Federal Stafford Loan Program makes loan funds available to college students for financing their college education. Under this program, students may borrow a maximum of \$2,625 for their first year, \$3,500 the second year, and \$5,500 each year for the remainder of their undergraduate years to a maximum of \$23,000. Depending on computed financial need, the federal government may pay the interest due on the loan while the student is in school; otherwise, the interest is due while the student is in school or may be capitalized until after graduation.

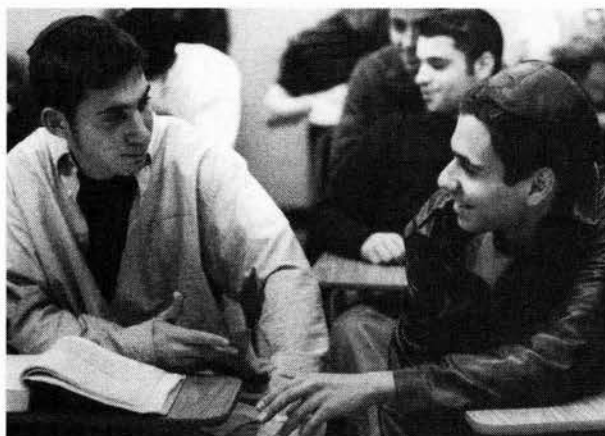


**New York State Tuition Assistance Program (TAP)**

TAP provides grants of up to \$5,000 per year for students who are legal residents of New York State. Awards are determined by the amount of parents' net taxable New York State income (gross income less all exemptions and deductions). Students from families with net taxable income of up to \$80,500 are eligible. This cutoff is higher if more than one family member is attending college.

**Hope Scholarship, Lifelong Learning Tax Credit**

The Hope Scholarship is actually a tax credit of up to \$1,500 available to students enrolled at least half time in the first two years of undergraduate study. Parents of dependent students may claim the tax credit. Full- and part-time students beyond the first two years may be eligible for the Lifelong Learning Tax Credit, which can be up to \$1,000. More information is available from the Office of Financial Aid; families may wish to consult their accountant or tax advisor.

**Canadian Student Loan Program**

The Canadian Student Loan Program makes bank loans available to Canadian students who need financial assistance to engage in full-time study toward a degree.

To be eligible, a student must:

- 1) be enrolled, or intend to enroll, as a full-time student;
- 2) be a Canadian citizen or have lived in Canada at least a year; and
- 3) declare the intention to live in Canada after graduation. (Quebec Province grants loans only to students studying in the province.)

For complete information on scholarships, student employment, loans, and other methods of educational financing, consult the Office of Financial Aid,

Yeshiva University, 500 West 185th Street, New York, NY 10033-3201; (212) 960-5269. E-mail at [yufinaid@ymail.yu.edu](mailto:yufinaid@ymail.yu.edu), or visit our web page from the Yeshiva University site: [www.yu.edu](http://www.yu.edu).

**DETERMINING "NEED" FOR FINANCIAL AID**

Programs that award financial aid based in whole or in part on need use a special definition of the term. "Need" is defined as the total cost of attending the institution minus the amount the student and the student's family can contribute toward that cost. This latter amount, the "estimated family contribution," is determined by the standard congressionally approved formula using the information supplied on the Free Application for Federal Student Aid.

Each institution calculates the total cost—the "student expense budget"—using federally approved guidelines. Each student's budget is based on enrollment status and whether or not the student lives on campus. Sample expense budgets for Yeshiva University undergraduate students are provided below.

**WHAT IS EXPECTED OF PARENTS AND STUDENTS**

College students' single most important source of financial help is their parents. Some families of very modest means can give only minimal support, but the overwhelming majority of parents can and do provide substantial financial help.

Yeshiva University is eager to help parents meet educational expenses, but expects each family to pay as much as it can reasonably afford and as much as other families in similar circumstances. The University expects a family to draw on both current income and accumulated assets to meet education costs.

Filling the gap between the cost of education and a family's financial resources can include a variety of elements. The University will do its best to fill in as much as possible with financial aid. Where there remains a gap, students would do well to explore these additional areas:

- a. the student's personal savings, including trusts and bonds;
- b. summer work;
- c. part-time work during the school year;
- d. loans obtained by parents through family, friends, or commercial organizations;
- e. student loans; and
- f. scholarship grants—from federal and state scholarship programs and programs sponsored by community, fraternal, and industrial organizations.

## STUDENT EXPENSE BUDGETS

The following budgets show expenses for the nine-month school year. All figures are approximate, especially transportation costs. The student would incur many of the personal expenses (clothing, laundry, recreation, etc.) and food costs even if not attending college. The table does not list laboratory fees, as these vary with program.

### Sample Budgets (2002–2003)

#### First time on campus

	Resident Student	Commuting Student
<b>TUITION AND FEES, paid to YU</b>		
Tuition (new students)	\$20,500	\$20,500
Student Fees	160	160
Registration	300	300
Dormitory	4,750	—
Dormitory Registration	20	—
Dining Club Membership	1,800	—
<b>Subtotal</b>	<b>\$27,530</b>	<b>\$20,960</b>
<b>OTHER ESTIMATED EXPENSES</b>		
Additional Meals/Snacks	\$2,697	\$3,486
Books and Supplies	1,011	1,011
Personal Expenses	2,837	2,837
Transportation	982	982
<b>Subtotal</b>	<b>\$7,527</b>	<b>\$8,316</b>
<b>ESTIMATED BUDGET TOTAL</b>	<b>\$35,057</b>	<b>\$29,276</b>

## PAYMENT PROCEDURES

Invoices for each academic semester (fall and spring) are mailed approximately one month before their due date. Tuition and fees and room and board are normally due three weeks before the beginning of the semester. Fall 2002 semester payment arrangements are due in early August. Payment arrangements for spring are due in mid-December.

Continuing students pay a residence registration fee and a nonrefundable residence deposit of \$250 in the spring to assure continued placement in the residence halls for the next school year. No student is permitted to register until all outstanding balances have been paid in full or satisfactory arrangements have been made with the Office of Student Accounts.

Invoices are sent to each student at the address on file with the Office of Student Accounts as the billing address. Students should notify the Office if they wish to change their billing address.

All payments must be sent to the Office of Student Accounts. The student's name and Social Security number must appear on the front of all checks.

Full payment or arrangements for full payment must be made before the invoice due date to allow students to move into the residence halls and have proper credit applied to their meal-plan cards.

Payment through a parent's employer requires a completed "third party form" indicating the payment dates, number of payments, and amounts to be paid.

## PAYMENT OPTIONS

A payment sheet describing the various payment options listed below is mailed to each student approximately one month before the bill is due along with the invoice.

**Full Payment:** The entire semester's bill, less any financial aid, may be paid by either check or credit card (MasterCard or VISA). Payment is due three weeks before the beginning of the semester. Send checks to the Office of Student Accounts, 500 West 185th Street, New York, NY 10033-3201. The University payment plan sheet contains a credit card form; or the student may call the Office of Student Accounts at 212-960-5269 to provide credit card information over the telephone.

## PAYMENT PLANS

### Yeshiva University Deferred Payment Plan

This plan requires three payments each semester, either by credit card or check. All three payments must be received by the invoice due date and will be deposited as indicated in the letter sent out by the Office of Student Finance. The student or responsible party must sign a deferred payment agreement. Each student will receive a payment plan sheet approximately one month before the bill is due which includes the deferred payment agreement and credit card forms.

### Tuition Management Systems, Inc.

TMS is an outside organization working on behalf of Yeshiva University to offer a payment plan that begins in July and ends in April of the following year, allowing payment of the entire year's balance (total yearly cost of attending Yeshiva University minus any financial aid) over a 10-month period. TMS charges a \$55 fee. No interest is charged on this plan. Only the \$55 fee may be paid by credit

card. TMS mails a notice each spring; or the student may request a brochure from the Office of Student Accounts.

#### Foreign Check Policy

Yeshiva University bills may be paid only with international money orders, in U.S. dollars, not foreign checks. A second option is to wire transfer funds directly to the University bank.

#### Wire Transfer Information

Parties responsible for payment may transfer funds from their bank to the University's account by wiring them directly to:

Chase Manhattan Bank  
181st Street & St. Nicholas Avenue  
New York, NY 10033

For the account of: Yeshiva University  
Account Number: 025-006193  
ABA number: 021000021

The student's name and Social Security number must appear on the wire.

*Please note:* Some banks charge a fee to wire funds, resulting in less money being credited to the University's account.

#### REFUND POLICY

##### WITHDRAWAL PROCEDURE AND REFUND POLICY

Students who withdraw from the University before the first day of classes are entitled to a 100 percent refund. Students who withdraw with the written approval of the dean and Office of the Registrar during the first week of the semester (Monday through Sunday) receive a 75 percent tuition refund. Students who withdraw during the second week of the semester receive a 50 percent tuition refund. Students who withdraw during the third week of the semester receive a 25 percent refund. No refund is given to a student who withdraws after the third week. Fees are not transferable or refundable.

Students who drop a course that results in a change in tuition will receive a refund for the dropped course as follows: first week, the student will receive a 75 percent refund; second week, a 50 percent refund; third week, a 25 percent refund.

The Office of Student Finance will invoice students who add a course that results in a change of tuition.

If an undergraduate student drops below full

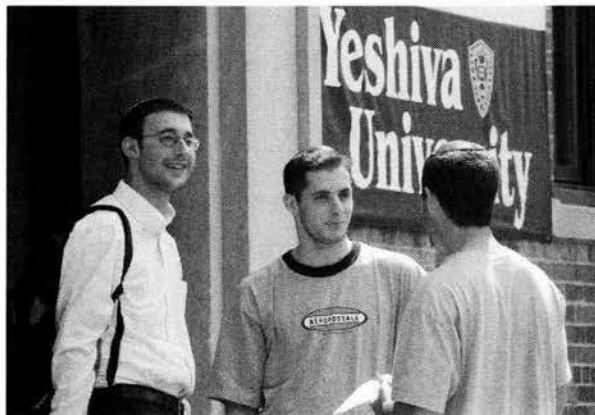
time during the first three weeks of the semester, all University financial aid will be canceled.

Federal government guidelines require the pro-rated return of Title IV funds through the first 60 percent period of the semester. All federal and state financial aid will be returned in accordance with federal and state guidelines. Students should always meet with the Office of Student Finance before withdrawing.

#### LEAVE OF ABSENCE

Students who wish to leave the University temporarily should contact the Office of the Registrar for a leave of absence application. A fee of \$20 per semester must accompany the application.

Yeshiva University is committed to making undergraduate studies affordable. Student Finance advisors are always available to discuss any of these programs with students and family members. Call 212-960-5269 and a member of the Student Finance staff will be glad to be of assistance.



#### CONSEQUENCES OF BEING IN ARREARS

Students will not be allowed to register for the coming semester unless all balances have been cleared. In addition, a student is expected to pay for the next semester before entering the residence hall or starting classes. Students who owe money to the University or who are in arrears in repaying student loans will not receive a diploma or transcripts from the University.

Should it become necessary to refer an account to a third party due to nonpayment, the student will be responsible for any collection costs, attorney fees, and suit fees.

*Please note:* If a student has not made arrangements for payment or does not make a promised payment, the meal plan may be put on hold.

# Student Services and Activities

## HOUSING

Full-time undergraduate men are housed in Leah and Joseph Rubin Residence Hall (2501 Amsterdam Avenue); Morris and Celia Morgenstern Residence Hall (2525 Amsterdam Avenue), which borders the Danciger Quadrangle; Ruth and Hyman Muss Residence Hall (526 West 187th Street), which is a renovated wing of the institution's historic Main Building, Zysman Hall; Dora Strenger Residence Hall (2521 Amsterdam Avenue); and independent housing, which is available in nearby apartment buildings.

Application forms for accommodations are sent to students who have been admitted to the University and have submitted the required deposits.

The housing program provides an environment that promotes the University's educational purposes and enhances the student's personal growth and development. Resident Advisors, as well as the Office of the Director of Housing, offer guidance with regard to academic, social, and personal adjustment, and help maintain a pleasant atmosphere.

Student organizations sponsor a variety of club programs, discussions, and lectures. Housing facilities include study halls, fitness centers, laundry rooms, TV lounges, convenience stores, snack vending machines, and game rooms.

A dining hall at each campus serves meals. All students in undergraduate University housing are enrolled in the University dining plan. Dining halls are generally open for breakfast, lunch, and dinner seven days a week during the school year. They are closed during the summer, spring recess, and inter-session. Food vending machines, mini-cafs, and convenience stores also are available at various locations at each center.

Shabbat on campus is a special time. The Shabbat Enhancement Program, sponsored by the Office of the Dean of Students and Student Services, enables

student clubs to offer Shabbat programs; prominent scholars, often with their families, come to campus to give lectures and share meals. Shabbatonim bring students at both undergraduate locations together. Shabbat Hospitality enables students to stay with families in the community.

## ADVISEMENT AND COUNSELING

The student's present well-being and plans for the future are among the primary concerns of Yeshiva University. Advisement and counseling services are designed to help resolve academic and personal problems, fulfill the student's potential, and nurture close relationships among members of the University family. Orientation helps the incoming student adjust to college life and develop skills needed for maximum achievement.

The Office of the University Dean of Students has developed counseling programs in the following areas:

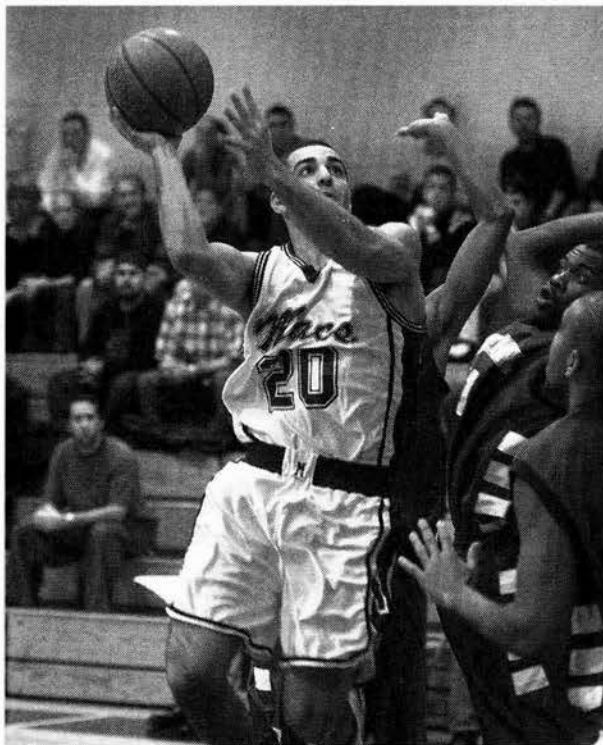
### Personal Counseling

The University provides short-term psychological guidance and counseling to students who are experiencing emotional difficulties, which may range from problems in adjusting to the academic environment to more serious personal matters. Consultations are confidential. Where necessary, counselors make appropriate referrals to licensed mental health practitioners in consultation with students and their parents. Students who wish to discuss questions relating to spiritual values and observance are encouraged to consult the appropriate counselor.

### First-Time-On-Campus Advisement

To help first-time students make the transition to campus life, the University offers direction and assistance in the form of individual conferences, which are held throughout the course of the year.

Any student with concerns regarding disabilities should contact the Office of Student Services at 212-960-5480.



#### **International Student Advisement**

The Office of the University Dean of Students is the coordinating center for international students. The international student advisor prepares and issues documents necessary for the Immigration and Naturalization Service, and offers guidance. The Office also helps to explain and interpret federal rules and regulations.

#### **OUTREACH PROGRAMS**

Undergraduates may take part in a number of community outreach programs, including the Philanthropy Society, Adopt-a-Bubbe Program, and Visiting the Sick.

#### **MEDICAL SERVICES**

Beth Israel Hospital administers the Undergraduate Student Health Program and offers, at no cost to the student, care for episodic illnesses and minor injuries on campus.

The Medical Director reviews the health forms of entering students. When necessary, corrective measures are taken through the student's family physician. A Student Health Center is located on each undergraduate campus.

Any injury or accident to a student taking part in an educational or extracurricular activity is reported to the Student Health Center and Office of the University Dean of Students by the staff member in charge of the activity. Students are required to report immediately any injury suffered on University premises. A detailed description of procedures to be followed in case of accident or illness is found in the *Resident Handbook*.

#### **STUDENT GOVERNMENT**

Each school has a student council or association, the chief body dealing with matters affecting students and their various relationships with the faculty, administration, and extracurricular activities organizations. In matters concerning more than one school, the councils involved cooperate with one another.

In addition to the student councils, Yeshiva College, Sy Syms School, and Stern College have senates that include students, faculty, and alumni. They share responsibility with the administration for governing the affairs of the school. Further, students in all schools are represented on important school and departmental committees and actively participate in decisions regarding the educational and administrative aspects of their school.

#### **SCHOTTENSTEIN CENTER**

The Schottenstein Center at the Wilf Campus houses the Mr. and Mrs. Harry A. Gampel Communications Center, with offices for student publications, radio station WYUR, and student government; Schottenstein Theater for the Dramatics Society; and other facilities for student activities.

#### **EXTRACURRICULAR ACTIVITIES**

Despite the heavy undergraduate course load, extracurricular activities are important mechanisms for the student's physical and intellectual development and the integration of all aspects of the educational process. All full-time students who are not on probation are eligible to participate in these activities; others require permission of the dean. The University encourages students to take advantage of the unequalled cultural and recreational facilities of New York for furthering their particular interests, whether in the theater, music, art, sports, or any other field.

### Athletics

Yeshiva College provides students extensive opportunities to participate in intercollegiate, intramural, and recreational athletic programs. The College sponsors eight intercollegiate athletic teams that participate in Division III of the National Collegiate Athletic Association. Colleges that belong to Division III, the largest division of the NCAA, offer no athletic scholarships and focus on providing the best possible experience for participants rather than spectators. The College sponsors intercollegiate teams in basketball, cross-country, fencing, golf, soccer, tennis, volleyball, and wrestling. Teams compete in various conferences, including the Eastern College Athletic Conference, the Skyline Conference, the Northeastern Collegiate Volleyball Association, and the Middle Atlantic Collegiate Fencing Association. Teams and individuals have excelled in local, regional, and national competitions.

Yeshiva also offers an exciting array of intramural athletic events and tournaments, in which students compete against other Yeshiva University students. Generally held during the evenings, intramural activities include basketball, three-man basketball, softball, flag football, table tennis, swimming, roller hockey, soccer, and volleyball. All athletic facilities are available to students for recreational use on a scheduled basis.

### Publications

There are student newspapers at each campus. At the Wilf Campus, students publish the *Commentator*, with emphasis on general issues, and *Hamevaser*, with emphasis on Jewish studies. (Stern College students also participate in *Hamevaser*.) *Hamashkif* is a Hebrew-language newspaper. The Yeshiva University's undergraduate men's yearbook is the *Masmid*.

In addition, several clubs issue publications. All publications are edited and published by the students themselves.

### Clubs

A number of clubs, some inspired by classroom work, meet regularly at each undergraduate location during the school year. A number of national honor societies have chapters at the undergraduate colleges. These include the Gamma Delta chapter of Eta Sigma Phi, in the classical languages; the Alpha Omega chapter of Pi Delta Phi, in French; the Psi Iota chapter of Sigma Tau Delta, in English;

Psi Chi's chapter, in psychology; Delta Sigma Rho—Tau Kappa Alpha's chapter, in debating; Pi Mu Epsilon's chapter, in mathematics; Pi Gamma Mu's chapter, in the social sciences; New York Zeta chapter of Alpha Epsilon Delta, in premedical studies; Sigma Delta Rho, in scientific research; and Chi Pi Chapter of Alpha Psi Omega, in dramatics. The Dramatics Society's presentations afford ample opportunity for onstage expression.

Departmental clubs feature speakers and symposia on topics of interest in various fields. Social events are sponsored by the student councils, individual classes, and clubs. The Dr. Joseph Dunner Memorial Political Science Society holds regular forums and participates annually in the Model United Nations Assembly at Harvard University. Radio Station WYUR, a student-operated member of the Intercollegiate Broadcasting System, transmits programs of interest to students in residence halls at both campuses.

At Sy Syms School of Business, the Mildred Schlessberg Accounting Society, American Marketing Association, International Business Club, Max Investment Club, and Information Systems Society offer a full range of activities, including social affairs, forums with guest speakers, and tutoring services.

All posters and notices announcing events must carry the name of a sponsoring club or faculty member. If they do not, they will be removed. Clubs or student activities that are antithetical to the values and ideals of the institution will neither be recognized nor supported.

### Music

In addition to offering the music courses listed in this Catalog, the Music staff and the Classical Music Society conduct extracurricular activities. The instrumental and choral groups involve students in musical programs, and facilities are available for piano practice. At the Wilf Campus there is a music listening room, and its Music Library, containing books, music, and records, is open to those engaged in music study. For students planning careers in music, the University provides counseling regarding opportunities and employment trends.

### Sponsorship

Every student organization and publication, except the student councils and newspapers, must have a faculty advisor.

# Academic Information and Policies

Regulations uniformly applicable to both Yeshiva College and the Sy Syms School of Business are given here; those pertaining to each school in particular are found in each school's respective section of this Catalog.

## CHANGES IN REGULATIONS

The University reserves the right to change tuition, fees, course offerings, regulations, and admission and graduation requirements at any time without prior notice. Students should consult University bulletin boards and/or [www.yu.edu/catalog](http://www.yu.edu/catalog) for changes. This Catalog supersedes all previous Catalogs and academic information and policies and is binding on all students. Consideration will be given, however, to a petition by a student for permission to continue a course of study in effect at the time the student enrolled provided that no more than the normal period of time is taken to complete the program.

## ATTENDANCE

Each undergraduate school has a specific attendance policy pertaining to students taking courses in that school. The following applies to all undergraduates:

If a student is absent or seriously incapacitated through illness for a considerable portion, but less than half, of a semester, the student's course load may be reduced. In all cases, if a student is absent from any course for any cause for more than half a semester, the course will not be counted and the student will receive a grade of W or G in the course.

Customarily, students wait 20 minutes when an instructor is delayed for class.

## EXAMINATIONS

All students must take examinations as scheduled. A student who is absent from a class test due to illness or an equally compelling cause must consult with the instructor about exam requirements.

A final examination may be postponed only on account of illness or some equally compelling emergency that causes absence at the time of the examination or immediately preceding it. Under these conditions, the student should notify the Office of the Dean immediately and should subsequently

submit a request for a makeup test, along with a physician's note if applicable. Makeup examinations are scheduled by the Director of Examinations and Office of the Dean in the subsequent semester.

Once a student has taken a final examination, no re-examination may be given. No excuse—whether illness, lack of preparation, or any other reason—will be accepted as grounds for a retest or an additional test or assignment.

If a student arrives late at any examination and has no valid excuse for the lateness, the test is taken in the remainder of the allotted time.

Cheating on an examination will subject the offender to disciplinary action, including possible expulsion from the University.

## GRADES

Grades are available by calling (800) 528-3293 or by accessing [www.getgrades.com](http://www.getgrades.com).

The work of each student is graded on the following scale:

A, A-	Excellent
B+, B, B-	Good
C+, C, C-	Fair
D+, D, D-	Poor (lowest passing grade)
F	Failure
N	No credit
P	Pass
R	Repeat (to continue course)

### *Administrative Grades*

I	Incomplete
G	Withdrawal without permission (counted as failure)
L	Audit (no credit)
M	Missing
W	Withdrawal without penalty or prejudice
Y	Yearlong (where grade is assigned only after completion of two-semester sequence.)

P is used for all courses bearing less than 1 credit, for Independent Study courses, and for courses taken under the A/P/N option.

R is given in remedial courses when the student must continue in the class.

I Incomplete grades may be requested by students to accommodate unavoidable delays in the completion of course requirements and to allow for excused medical emergencies during final examinations. File appropriate forms for incomplete coursework with faculty. To make up final examinations, file the appropriate form with the Director of Examinations. If work is not completed by the assigned deadline (maximum for the Sy Syms School of Business is six weeks; for Yeshiva College, a semester plus the summer after the semester the course was taken), the Incomplete defaults to the grade designated by the faculty member based on work completed, or to an F.

W Withdrawal requires submission of Drop/Add form to the Registrar and may require written permission of the Office of the Dean. Unless the proper procedures are followed, the student receives a G, equivalent to failure, in the course. See Late Admission and Withdrawal, which follows.

A student who has achieved a passing grade in a course may not retake it. In exceptional cases, the dean of a school may permit a student who has received a D to retake the course, provided that the student has not taken a more advanced course in the subject after receiving the D. Even if repetition is allowed, the original grade will remain on the record. Credit will be granted only once.

In Sy Syms, advanced courses in the major may not be taken if the student has received a D in the prerequisite course. A required course in the major in which a grade of D was received must be repeated.



## SATISFACTORY PROGRESS

All students must meet the following standards of good academic standing and satisfactory academic progress.

*Academic Average:* Grade requirements are listed in the school sections. However, all students must maintain a minimum average of 2.0 per semester and cumulatively.

Each grade has a numerical value as follows:

A	=	4.000
A-	=	3.667
B+	=	3.333
B	=	3.000
B-	=	2.667
C+	=	2.333
C	=	2.000
C-	=	1.667
D+	=	1.333
D	=	1.000
D-	=	0.667
F,G	=	0

When the numerical value is multiplied by the credit value of the course, the resulting figure is known as the number of quality points. The student's average is computed by dividing the number of quality points earned by the total number of credits completed with a grade of A through G. The average is rounded to the third decimal place.

Except in programs in which the tuition is paid by Yeshiva University, grades achieved at other colleges and universities are not averaged in with a student's record at Yeshiva University; only credit is granted on transfer. Separate regulations govern the S. Daniel Abraham Israel Program.

*Minimum Number of Credits:* The minimum number of credits that each student must accrue to maintain financial aid eligibility by the beginning of each semester of attendance is as follows:

Second	6	Seventh	60
Third	15	Eighth	75
Fourth	25	Ninth	90
Fifth	36	Tenth	105
Sixth	48	Eleventh	120

Note that credit is given only for grades A through D- and P. No credit is given for grades F, G, I, L, N, R, and W.



**Academic Retention, Probation, and Dismissal**

Students are expected to maintain an academic average of at least 2.0 each semester and cumulatively. Students who, in any semester, fail to achieve an average of at least 2.0 or to accrue the required credits above may be placed on academic probation. Students on probation at MYP, BMP, IBC or JSS are limited to taking 13 credits within their school and are subject to any restrictions that apply to probationary status.

Probation serves as a serious warning to students whose records are unsatisfactory, and is intended to help them achieve the necessary improvement.

Restrictions or conditions may be imposed upon students on probation in the following areas: programs, employment, extracurricular activities, intercollegiate athletics, and financial assistance.

Students not meeting the standards become ineligible for New York State aid, but a one-time waiver for one semester may be granted if failure is due to extraordinary circumstances and if the appropriate Academic Standards Committee recommends such a waiver.

Students whose semester or cumulative average falls below 2.0 two semesters in succession, or three semesters nonconsecutively, or who fail all their courses in a semester, may be dismissed from the school without further notice.

*Appeals procedure:* If there are mitigating circumstances, students may appeal dismissal in writing to

their school's Academic Standards Committee. The appeal must be made before the following semester begins. The committee may allow the student to continue on probation, under such conditions and restrictions that it may set. Decisions will be communicated in writing to the student and the Offices of the Dean, the Registrar, and Student Finance.

These standards are applicable to all students. They are required for certification to New York State for financial assistance under Section 145-2.2 of the Regulations of the Commissioner of Education and are required by federal regulations to receive aid under Title IV of the Higher Education Act.

**DEAN'S LIST**

Each year, full-time students in Yeshiva College and Sy Syms who have achieved an academic grade-point average of at least 3.5 are included on the Dean's List.

**GRADUATION CUM LAUDE, MAGNA CUM LAUDE, SUMMA CUM LAUDE**

To receive honors at graduation, students at Yeshiva College must have completed at least 94 credits in residence at the New York campus and students at Sy Syms must have completed at least 84 credits in residence at the New York campus, and must have achieved the following cumulative averages: cum laude, 3.50; magna cum laude, 3.70; summa cum laude, 3.85.

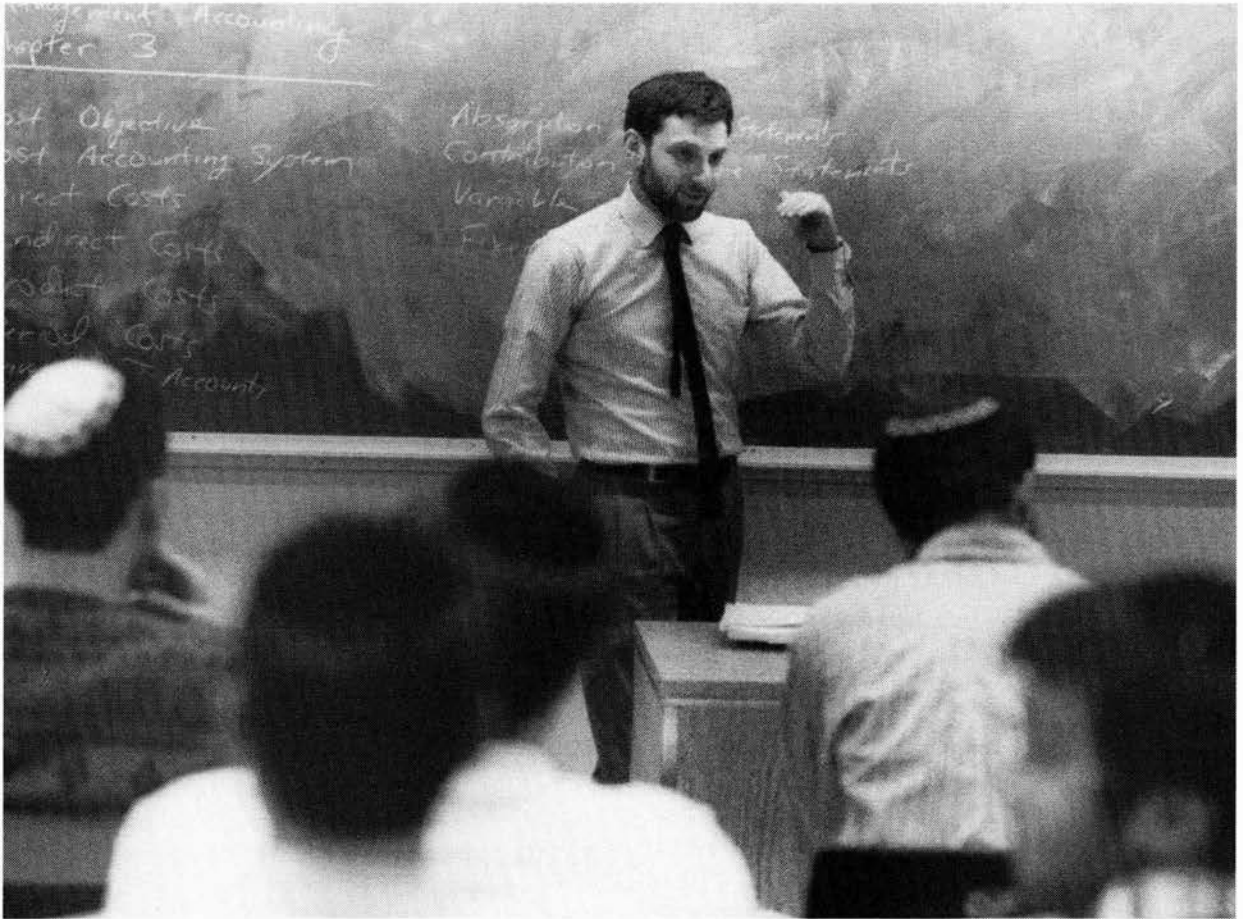
**LATE ADMISSION AND WITHDRAWAL**

The following governs late admission to, and drops and withdrawals from, classes in all undergraduate schools.

PERIOD	PERMISSION NEEDED TO REGISTER LATE	PERMISSION NEEDED TO DROP OR WITHDRAW	NOTATION ON PERMANENT RECORD	REFUND TO "PER-CREDIT" STUDENT
First two weeks of semester	Advisor or dean	Advisor or dean	Course is not listed	75%
Next two weeks of semester	Dean	Advisor or dean	Course is not listed	50%
Next five weeks of semester	Not permitted	Advisor or dean	Course is not listed	0
Remainder of semester	Not permitted	Dean	Course is listed/W appears on transcript	0

Please note:

- Only tuition is subject to refund, not fees.
- Regulations apply to the equivalent period in a summer session or intersession.
- When a course from which a student has withdrawn is listed on the permanent record, the grade is W. If a student withdraws but does not file the proper forms, a G grade is assigned.



Students who have completed fewer than 94 credits at Yeshiva College or fewer than 84 at Sy Syms may file a petition for graduation honors with that school's Academic Standards Committee, which may reduce the honors designation one level.

## ACADEMIC ADVISEMENT

### Yeshiva College

In the Yeshiva College Academic Advisement Center, faculty advisors help students develop an academic program that will realize their full human potential while preparing them to achieve their professional goals. Along with deans and faculty, advisors are able to discuss courses and majors, to interpret college regulations and requirements, and to offer appropriate direction with regard to personal problems. Each first-time student at Yeshiva College is assigned an advisor with whom he can explore curricular options and postgraduate plans. In addition, advisors oversee the progress of provisional students until they firmly establish themselves.

### Sy Syms School

The Office of the Dean of the Sy Syms School of Business provides academic advisement for the Sy Syms students. The associate dean and faculty advisors review the academic requirements of each major and concentration with each student. Carefully constructed advisement and program-of-study sheets help the student in planning his academic program. Each semester, students' registrations are approved by a dean or an academic advisor. The academic records of all juniors and seniors are reviewed, and they are advised as to what requirements they must fulfill to graduate. Students are referred to the Office of Placement and Career Services for career counseling if they are unsure of or wish to change their major.

### Health Sciences

Students interested in health-related fields are encouraged to meet with the Pre-Health Sciences advisor. Students contemplating graduate study in the health sciences are urged to meet with the advisor during their first year on campus and to attend

all informational meetings dealing with preparedness for health professions admissions, the applications process, and professional school selection during the junior and senior years. In addition, students should make themselves aware of the specific program requirements of schools where they intend to apply.

#### **Pre-Law**

Students considering graduate study in law are urged to meet with the Pre-Law advisor during their freshman year. Intensive guidance services dealing with preparation for the Law School Admissions Test, the application process, and professional school selection are provided during the junior and senior years.

#### **Jewish Service**

Students contemplating professional careers in the Jewish service field have many resources available to them.

The Max Stern Division of Communal Services of the University's affiliated Rabbi Isaac Elchanan Theological Seminary offers guidance in such fields as Jewish education, community organization, and youth leadership, and arranges appointments with appropriate officers of Wurzweiler School of Social Work. It counsels in the areas of the rabbinate, chaplaincy, and cantorial work, arranging meetings with the appropriate officers of Rabbi Isaac Elchanan Theological Seminary and its Philip and Sarah Belz School of Jewish Music.

#### **PLACEMENT AND CAREER SERVICES**

The Office of Placement and Career Services provides a full range of placement activities to all undergraduate students including on-campus recruiting, resume referral, career fairs, internships, summer jobs, job postings, business lectures, forums, and career library. The office also offers career counseling and testing, career information and research, and educational planning, including graduate-school applications. All services are offered at both the Wilf and Midtown campuses. The office maintains an excellent job and graduate-school placement record.

#### **DISCIPLINARY PROBATION AND DISMISSAL**

Yeshiva University expects its students to exhibit high qualities of character as well as demonstrate academic ability. Every student is expected to adhere to the ideals represented by the University

and to show seriousness of purpose, intellectual dedication, and respect for the views and convictions of others. A student's continuance on the rolls of the University; the receipt of academic credits, honors, and awards; graduation; and the conferring of any degree, diploma, or certificate upon the student are entirely subject to the disciplinary powers of the University and to the student's maintaining high standards of ethical and academic conduct. A student may be placed on probation or dismissed by the University at any time for infringement of these standards.

#### **ACADEMIC INTEGRITY**

The submission by a student of any examination, course assignment, or degree requirement is assumed to guarantee that the thoughts and expressions therein not expressly credited to another are literally the student's own. Evidence to the contrary will result in appropriate penalties, which may include failure in the course or disciplinary dismissal.

#### **CLASS STATUS**

A student who has satisfactorily completed, or received credit for, one year of full-time study (see each school's regulations on Workload for definition of "full-time") and who has removed any entrance condition, is classified as a sophomore. A student who has received credit for two years of full-time study is classified as a junior; and three years, as a senior. See the table below for the exact credit values for the transition points:

<b>CREDITS COMPLETED</b>	<b>CLASS</b>
0	Lower Freshman
12	Upper Freshman
28	Lower Sophomore
45	Upper Sophomore
61	Lower Junior
78	Upper Junior
94	Lower Senior
111	Upper Senior

#### **WORK OUTSIDE REGULAR COURSES**

Yeshiva College offers a variety of non-classroom credit-bearing options. For information and regulations governing these options, please see the deans, the director of the Academic Advisement Center or faculty advisors in the Academic Advisement Center. Forms are available in the Office of the Registrar.

**WAIVERS**

While faculty and other advisors may make recommendations for waivers and changes in graduation requirements, all exemptions and exceptions must be approved in writing by the dean and/or the Academic Standards Committee of the school. The Request for Waiver of Prerequisite form is used to request a waiver of prerequisite, and the Standard Request form for other requests. Students should submit these forms to the Office of the Registrar and retain a copy for their records.

**OUTSIDE COURSEWORK**

Permission of the dean of the school in which the student is matriculated is required in order to take any courses at another institution, or another school of Yeshiva University, at any time. (Use the Request for Outside Course form for courses at other institutions and the Undergraduate Request for Permission to take a Graduate Course form for courses at other schools of the University.) File the Leave of Absence form if planning a semester of study off-campus.

In accordance with the regulations of the New York State Education Department, in summer sessions and intersessions, whether taken at Yeshiva University or elsewhere, students may earn no more credit than is proportional to the amount of credit that may be earned for coursework during the regular term at Yeshiva University.

Courses transferred from another institution, whether taken before or after admission to Yeshiva University, appear on the student's record with credit value only; grades earned elsewhere are not entered on the Yeshiva College or Sy Syms transcript.

Separate regulations govern the S. Daniel Abraham Israel Program.

**STUDY ABROAD**

Yeshiva University believes in the value of study abroad. Many Yeshiva University students are particularly interested in studying in Israel. Information about the S. Daniel Abraham Israel Program and other opportunities for study abroad is available in the Admissions Office and the Yeshiva College Academic Advisement Center. Students who study abroad but not in one of Yeshiva University's programs should fill out the Request for Outside Course form to obtain course approvals prior to study. If planning to be gone a semester or more, a student also should file the Leave of Absence form.

**JOINT AND COMBINED PROGRAMS**

Joint bachelor's–master's programs exist in the fields of Jewish education, Jewish studies, and social work. In these programs, qualified upperclassmen can take courses at the University's graduate schools and receive credit simultaneously toward their undergraduate and graduate degrees. Further information is available in the Yeshiva College Academic Advisement Office and the Office of the Registrar.

Combined programs with other institutions include Bar-Ilan University School of Economics and Business Administration, Columbia University School of Engineering and Applied Science, Columbia's Department of Rehabilitation Medicine occupational therapy program, New York College of Podiatric Medicine, SUNY College of Optometry, and NYU College of Dentistry. Further information is available in the Offices of the Deans.

**GRADUATE COURSES**

Undergraduate students enrolled in joint degree programs with graduate schools should consult policies and procedures for those programs. For other undergraduates, seniors may take graduate courses for graduate credit only under exceptional circumstances. Further information is available in the Yeshiva College Academic Advisement Center; forms are available in the Office of the Registrar.

Seniors who are not eligible for the joint programs, or who are interested in subjects in which joint programs do not exist, may be permitted to take graduate courses for undergraduate credit. Full information on such courses is given on the Undergraduate Request for Permission to take a Graduate Course form, available in the Office of the Registrar. Such students will not be allowed graduate credit for the courses later, even if they do not need this credit for their undergraduate degree. Only students who originally received permission for graduate credit while still undergraduates will receive such credit.

**LEAVES OF ABSENCE**

Students who intend to absent themselves from the University for a semester or more and then return at some future time must apply for a formal leave of absence (on the Leave of Absence form). If they do not obtain such a leave, readmission may be denied.

Leaves of absence are ordinarily granted for a maximum of four semesters. Students on leave will not receive credit for study at another institution without prior permission. Students must fill out the Request for Outside Course form.

**WITHDRAWAL FROM THE UNIVERSITY**

A student who is withdrawing from the University and does not expect to return at some future date should fill out the Application for Official Withdrawal from School form.

**RECORDS AND TRANSCRIPTS**

Current or former students who wish transcripts of their records should secure copies of the Request for Transcript form from the Office of the Registrar. This may be done in person or by mailing a self-addressed stamped envelope. The form lists the fees, regulations, and procedures governing the issuance of transcripts. Students may generate free, unofficial transcripts in the Office.

A transcript is not issued without the student's written request, except to the person(s) or agency upon whom the student is financially dependent, or as provided by law.

The issuance of transcripts, and generally the release of any information about a student, is subject to the provisions of the federal Family Educational Rights and Privacy Act of 1974. Yeshiva University has adopted regulations to implement the Act. A copy of these regulations is available upon written request, accompanied by a self-addressed stamped envelope, to the Office of the Registrar.

No official transcript will be issued for a student unless the student's financial record with the University is completely clear.

Official records of students are sent only in the form of a complete transcript. No partial records are sent, nor are records listing only courses without grades.

To obtain a written report of grades, students and parents may send a signed, written request to the Office of the Registrar.

Students who believe that there is an error in their academic record (e.g., in a grade, average, credit value, or course) must promptly call this to the attention of the Office of the Registrar.

**CHANGE OF NAME OR ADDRESS**

A student who wishes to change either a first or last name on school records must file a Change of Name on School Records form in the Office of the Registrar.

Students who change their home or local residences are required to notify the Office of the Registrar of the change of address within 10 days on the Notification of Change of Address form. A student is responsible for all mail sent to the old address if the University has not been so notified.

**DIPLOMAS**

Duplicate or revised diplomas can be secured under certain circumstances. Full information is given in the Duplicate Diploma Request form, available in the Office of the Registrar.

**USE OF THE UNIVERSITY'S NAME**

No student or student organization may use the name of the University or any of its components in print for any purpose, including identification, without written permission from the Office of the Dean.

**ACADEMIC TERMINOLOGY**

For the convenience of students, certain academic terms frequently used at Yeshiva University are defined below:

*Academic Average:* A measure of the student's scholastic achievement.

*Advanced Standing:* Credit given toward a degree for academic work completed at another institution, or on the basis of an approved examination.

*Class Section:* A group of students taking a particular course at a specific time. It is identified in course schedules by a section number or letter, e.g., ART 1051, section 261.

*Corequisite:* A course that must be taken during the same semester as another course.

*Correlate:* A course required for a major that is not in the major department.

*Course:* A particular portion of a subject. It is identified by a course number, e.g., ART 1051.

*Course Description:* The statement in the Catalog outlining the content of a particular course.

*Course Title:* A word or phrase describing the course content. Thus, at Yeshiva University, the course title of ART 1051 is History of Art.

*Credit:* The credit value of each course is listed after its title in the Catalog. At least 45 academic hours (each 50 minutes long) of formal classroom instruction and other types of study are required to earn 1 credit. These 45 hours are divided as follows: in an undergraduate lecture-recitation course, 15 academic hours in class plus 30 in outside preparation; in a laboratory course, 30 academic hours in class plus 15 in outside preparation; in observation and supervised student teaching, 36 academic hours in class plus 9 in outside preparation. Class hours include examinations. These hours are minimums and may be increased to satisfy special requirements in certain courses.

**Curriculum:** A planned group of courses (and ancillary experiences) leading to a specific degree, diploma, or certificate.

**Department:** An administrative unit of faculty members teaching one discipline (see below), or several closely related disciplines.

**Discipline:** A particular branch of knowledge, e.g., biology, English.

**Division:** An administrative unit of faculty members teaching related disciplines. The undergraduate faculty is organized into the following divisions: Humanities, Jewish Studies, Natural Sciences and Mathematics, and Social and Behavioral Sciences. Sy Syms School of Business also functions as a division.

**Elective:** A course that a student may choose to take, as distinguished from a required course.

**Major:** The subject that a student chooses for primary emphasis.

**Minor:** A subject that a student chooses for secondary emphasis.

**Prerequisite:** A preliminary requirement that must be met before a particular course may be taken.

**Probation:** The status of a student whose enrollment has been placed on a trial basis for scholastic or disciplinary reasons.

**Registration:** The process of enrolling as a student. It consists of three stages: a) filling out general information forms provided by the University and having them approved; b) completing financial arrangements; c) selecting courses and sections, having them entered in the computer by the Office of the Registrar, and receiving written confirmation of one's choices. The student is not registered until all three stages have been completed.

**Required Course:** One required for graduation, either for all students or those in a particular area of study.

**Residence Requirement:** The requirement for a degree or diploma that specifies the minimum period of time that a student must be in attendance at the school through which the document is granted, and the minimum number of credits that must be completed there. The Residence Requirement is intended to give each student adequate contact with the school and its faculty. Residence credit is distinguished from transfer credit, i.e., credit for courses taken at another school of the University or at another institution; it does not imply that the student must live in a University dormitory.

**Seminar:** A course pursued by a small group of students with a professor, with each engaged in original research or independent study and all exchanging results through reports and discussions.

**Status:** The category under which a student is enrolled, e.g., Regular, Transient.

**Transcript:** An unabridged copy of the student's record, certified by the Office of the Registrar.

*Please note*, most registration forms are available on the Office of the Registrar's website, [www.yu.edu/registrar/](http://www.yu.edu/registrar/).



## PRIVACY

In accordance with the provisions of the Family Educational Rights and Privacy Act of 1974, as amended (Section 438 of the General Educational Provisions Act, 20 USC 1232g), also known as "FERPA," Yeshiva University has adopted certain policies to protect the privacy rights of its students with respect to their Education Records. FERPA affords students certain rights of access to their Education Records. FERPA also limits the persons to whom the University may disclose a student's Education Records, and permits certain disclosure without the student's written permission. Please visit the Office of the Registrar to obtain the Yeshiva University FERPA Policy Statement.

# Yeshiva College

Established in 1928, Yeshiva College is the University's college of arts and sciences for men. Its programs embody its unique mission: to combine Jewish learning with the study of Western and worldwide culture. The College provides a wide range of educational options, which combine broad study in the liberal arts and sciences with specialized preparation for advanced work in a specific discipline or profession.

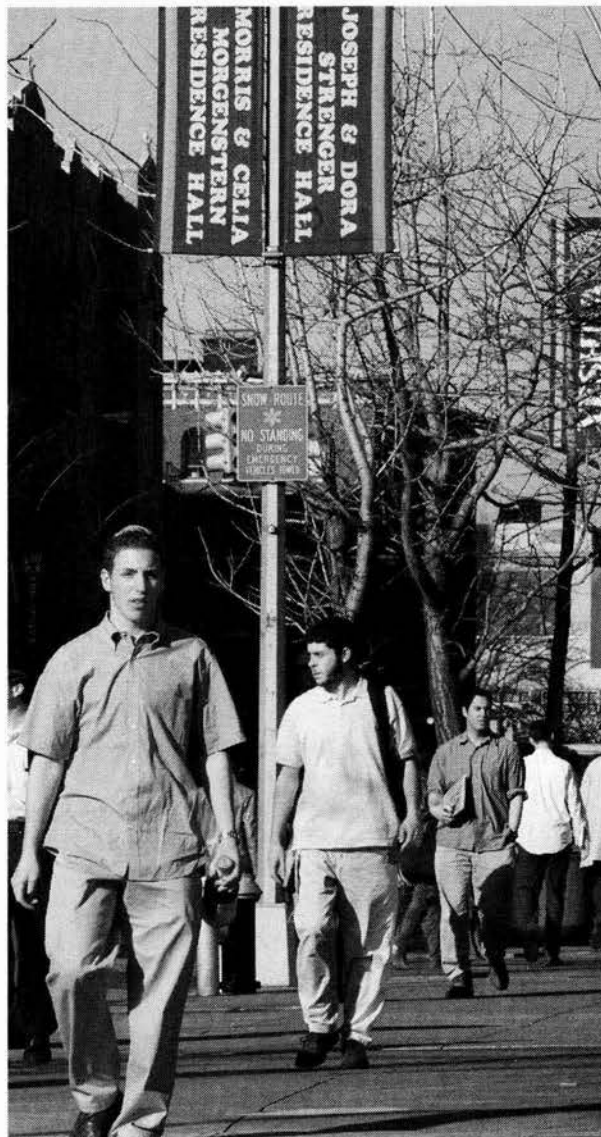
In addition to programs leading to the degree of bachelor of arts, students participate in programs of Jewish studies requiring intensive analysis of classic texts in the Hebrew and Aramaic originals. Designed to deepen ethical and philosophical insight and values, these programs also afford valuable training in research methods and opportunities for independent work. To achieve this end, each student also must be enrolled throughout his stay in YC in a full course of study in any of the following: James Striar School (JSS), Yeshiva Program/Mazer School (MYP), Isaac Breuer College (IBC), or the Irving I. Stone Beit Midrash Program (SBMP). As specified below, students may receive transfer credit at YC for their studies in these programs.

Courses in Bible, Hebrew, Jewish history, Jewish philosophy, and Judaic studies are offered at Yeshiva College under the auspices of the Robert M. Beren Department of Jewish Studies.

Founded in 1999, the Jay and Jeanie Schottenstein Honors Program enhances academic excellence at the College in two ways. It enriches every student's education either directly or indirectly, and it provides an unexcelled education for students who complete all of its requirements (for specific information about these requirements, see the special section that follows.)

The College's location at the Wilf Campus affords stimulating association with several of the University's other undergraduate schools, as well as its graduate schools and affiliates, and provides easy accessibility to the major resources of the institution.

As a liberal arts college in a vibrant urban center, Yeshiva College has incorporated a broad set of educational programs, student services, and extracurricular activities to meet the special needs of the individual student. The College recognizes that as society continues to drive toward greater specialization and sophisticated technology, it is all the more important that each student seek order and purpose for himself and meaning for his life.



## CURRICULUM

All majors at Yeshiva College lead to the degree of bachelor of arts. Majors in Accounting and in Business & Management, leading to the degree of bachelor of science, are offered through Sy Syms School of Business.

### Majors

Each student must select one subject as a major. He should consult with the senior professor of the subject and other academic advisors in planning his course of study. Areas in which the student may major are listed below:

Biology  
 Chemistry  
 Classical Languages  
 Computer Sciences  
 Economics  
 English  
 French  
 Hebrew  
 History  
 Jewish Studies  
 Mathematics  
 Music  
 Philosophy  
 Physics  
 Political Science  
 Pre-Engineering  
 Psychology  
 Sociology  
 Speech and Drama

The University offers pre-law and pre-health advisement, as well as co-curricular activities.

Combined and joint programs in business administration, dentistry, engineering, Jewish education, Jewish studies, law, occupational therapy, optometry, podiatric medicine, and social work are available.

Regardless of how much transfer credit is granted a student, at least 60 percent of the required credits in the major must be taken at Yeshiva College; some majors require more.

Only Yeshiva College courses in which a student has earned a grade of C- or better may be used to meet the requirements of his major (this applies only to courses taken at Yeshiva University in the subject itself, and not to correlate requirements). A grade of C is still required for courses transferred from other institutions.

The student is expected to achieve a good general knowledge of his major, an objective that usually cannot be met solely by taking courses. He is therefore advised of the importance of self-study and extensive supplementary readings in his area of interest.

Comprehensive examinations in the major, required for graduation (see below), presuppose a broad, general knowledge of all principal subfields of the discipline. Even if no formal distribution of subfields is required for a major, the student must prepare himself in such areas.

A student who completes all the requirements for a major in a second subject, including the comprehensive examination, will, at his written request at least a month prior to graduation, have the second major also listed on his permanent record.

The same course may be counted toward two majors, or toward a major and minor, only if it is specified in the Catalog as a requirement for both. An elective course may not count twice.

### Minors

A student may minor in a subject and have it listed on his permanent record upon his written request at least one month prior to graduation. Areas in which it is possible to minor are listed below:

American Studies  
 Architecture  
 Art  
 Biology  
 Chemistry  
 Classical Languages  
 Computer Sciences  
 Economics  
 English  
 Foreign Languages  
 French  
 Hebrew  
 History  
 Jewish Studies  
 Mathematics  
 Music  
 Philosophy  
 Physics  
 Political Science  
 Psychology  
 Public Health  
 Sociology  
 Speech and Drama



Students also may select the Business minor offered through Sy Syms School of Business. Acceptance of courses taken at other institutions toward the minor is at the option of the senior professor of the subject, but in all cases at least 12 credits must be taken at Yeshiva College. Only courses in which the student has earned grades of C- or better may be counted toward the minor, except that in the first course in a subject, a P grade will be accepted.

### Degree Requirements

**A. Course and credit requirement:** Students must complete at least 128 credits including all general requirements (see below), all major requirements, and electives. No more than 8 credits may be taken in physical education.

**B. Residence requirement:** Students must attend an institution of higher education for at least eight semesters. Full-time study in the S. Daniel Abraham Israel Program may count as either one or two semesters toward the fulfillment of this requirement. Full-time study in a yeshiva may count toward this requirement. In addition, students must complete a minimum 84 credits in residence at the Wilf campus in New York. Students who complete the Jay and Jeanie Schottenstein Honors Program must accumulate at least 108 credits and remain at least three years in residence. All students must complete at least 24 of the last 35 credits at Yeshiva College.

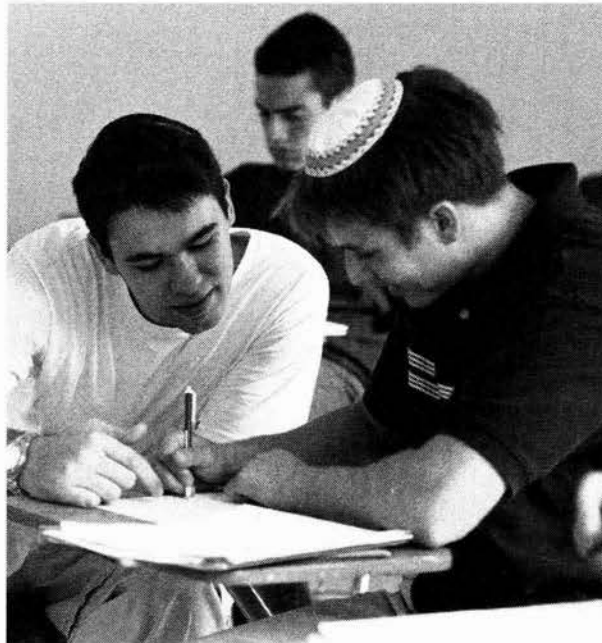
Students who transfer to Yeshiva College after two or more years of full-time study at an accredited degree-granting college or university (not a yeshiva), will meet the residence requirement after being in residence at Yeshiva College in New York for at least four semesters taking at least 12 credits each semester and completing at least 58 credits at Yeshiva College.

**Professional Option:** A superior student who is admitted to a professional school at the end of his junior year at Yeshiva College will be eligible for a bachelor's degree from the College upon satisfactory completion of the first year of the professional school program, provided that he is admitted to the Professional Option plan and satisfies the 84-credit on-campus requirement.

**C. Grade requirement:** An average of 2.0 or better in all studies and a grade of C- or better in all courses counted toward a major or minor are required for graduation.

**D. Comprehensive examinations:** To be eligible for graduation, each senior must pass a comprehensive examination in his major. These are described in an announcement available from the Office of the Dean of the College.

**E. Administrative requirements:** Each student must receive approbation of the faculty and the president, and must have filed an Application for Degree during the registration period of the semester in which he completes all requirements.



### YESHIVA COLLEGE GENERAL REQUIREMENTS

Students normally complete the degree in four years and can take no more than six years including the semester of admission to the College, excluding official leaves of absence.

The following are required of all students:

#### I. Basic Skills

English 1101-1102. 4 credits.

Successful completion of ENG 1101 is a prerequisite for all literature courses. Both ENG 1101 and 1102 should be completed during the first year on campus. These courses are prerequisites for all English literature courses and should be completed during the first year on campus. For students admitted to the Jay and Jeanie Schottenstein Honors Program, two freshman honors seminars automatically fulfill this requirement. The second freshman honors seminar also counts for one of

the general requirements listed below.  
 Note: If taken during the senior year, ENG 1101 and 1102 do not count toward the 128 credits required for graduation, although they are figured into the 17.5-credit limit. Foreign students must take ENG 0011 unless exempt by placement.

One approved course in mathematics, computer sciences, or statistics. 3–4 credits.

Physical education. 1–2 credits.

Should be completed no later than sophomore year. Two PED courses are required of all students, but no more than 8 credits in PED may count toward the bachelor's degree. Students with physical disabilities are not necessarily exempt. Students may not register for more than one PED course per semester without the written approval of the Office of the Dean. Except for participation on varsity sports teams, PED courses are not repeatable.

## II. Humanities

Two literature courses. The first must be chosen from ENG 2001, 2003, 2004, 4201, 4202, or foreign (not Hebrew) literature; the second may be chosen from among the courses listed above or may be any approved literature course offered at the College, including Hebrew literature. 6 credits.

Two courses in history, philosophy, or a foreign language other than Hebrew. 6 credits.

One course selected from Art 1052A, Music 1111A, or a foreign language other than Hebrew. 2–3 credits.

To fulfill general education requirements with a foreign language, a student must complete two semesters in sequence. Consult the Coordinator of Languages in Yeshiva College for more information.

A student who wishes to continue a foreign language taken in high school should use the following general rule: One year of high school study is equivalent to one semester of college study.

Students will not receive credit for college foreign-language courses that duplicate what they have studied in high school or learned through other means. Students with existing skills in lan-

guages other than English or Hebrew must consult with the Coordinator of Languages in Yeshiva College in order to determine the level at which they should continue their studies.

## III. Social Science

Two courses chosen from economics, political science, psychology, or sociology. 6 credits.

## IV. Science

Two semesters of a laboratory science, preferably one of the two-semester sequences in biology, chemistry, or physics, or BIO 1001 and/or 1002; CHE 1023, 1024, or 1025; or PHY 1021, 1026, or 1027. 6–10 credits.

## V. Jewish Studies

Students in the Mazer Yeshiva Program and the Irving I. Stone Beit Midrash Program take these courses at Yeshiva College. Students in Isaac Breuer College and James Striar School satisfy these requirements with courses at those schools with some modifications, particularly for JSS students. Under normal circumstances, a student in MYP/BMP takes 20 credits in Jewish Studies courses in YC (as described below), a student in IBC transfers 18 credits (3 per semester), and a student in JSS transfers 24 credits (4 per semester) to his YC record. Students who change Jewish Studies programs during their time at Yeshiva College should consult with the Coordinator of Jewish Studies in the Office of the Dean of Yeshiva College regarding the fulfillment of Jewish Studies requirements in YC.

BIB 1015A, plus three additional 2-credit Bible courses, including at least two text courses numbered above 2500. 8 credits. (BIB 1015A is a prerequisite for the text courses and must be taken during the first year of study at YC.)

HEB 1205–1206. 6 credits. All students are urged to take Hebrew Language (HEB 1205, 1206) as early as possible in their college careers. Students should be aware that Hebrew Language will, in the future, be a prerequisite for many of the other Jewish Studies courses.

Jewish history. Two courses chosen from 1200, 1300, 1400, 1829, 1830, 1831, 1832, 1833, or 1834. 6 credits.



### THE JAY AND JEANIE SCHOTTENSTEIN HONORS PROGRAM AT YESHIVA COLLEGE

The mission of the Jay and Jeanie Schottenstein Honors Program is to enhance the education of all Yeshiva College students by encouraging the most talented learners to undertake an exceptionally broad, deep, rigorous course of study.

To fulfill this aim, the program emphasizes research, intensive writing, and sophisticated thinking: critical, analytic, quantitative, scientific, interdisciplinary, and creative. Students commit themselves to hard work, a challenging search for understanding, and intellectual excellence. Students admitted to the program will experience especially rewarding interactions with faculty members through honors courses, individual mentoring, advanced study, and senior honors theses. Students who complete the program should feel confident that they can fulfill their potential through advanced training, lifelong learning, and leadership within their various communities.

Students apply simultaneously to the Jay and Jeanie Schottenstein Program and for academic merit scholarships. (All students may apply for need-based assistance.) In the fall of 1999, Yeshiva College began admitting 24 to 36 students each year to the program; normally, each student must earn at least a 90 average in high school, score at least 1400 on the combined SATs, and earn strong recommendations in both general and Jewish studies. Each year, the Honors Committee admits a few additional students

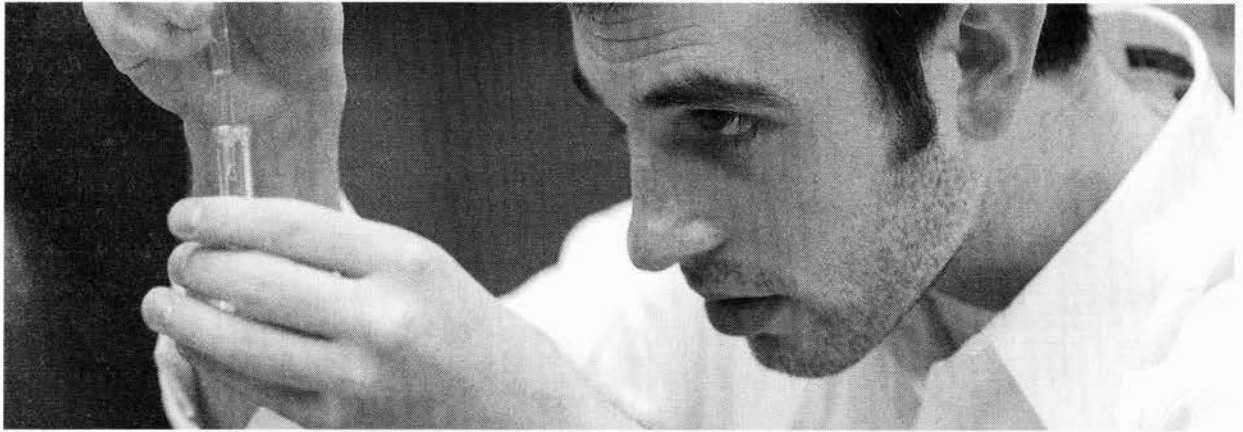
who have earned at least a 3.7 grade-point average, submitted promising writing samples, and earned strong recommendations.

Each and every student who successfully completes the 11 required components of the Jay and Jeanie Schottenstein Honors Program can expect favorable receptions from graduate and professional schools, employers, and organizations that award scholarships and fellowships. The first year, in two freshman honors seminars based on core texts, each student develops sophistication in thinking through intensive writing, research, and analysis. (The first term fulfills the first term of the composition requirement, substituting for ENG 1101. The second term fulfills the second term of the composition requirement, substituting for ENG 1102, and in addition fulfills some other general requirement.) After the first year, he chooses at least six honors electives from a variety of academic disciplines. A co-curricular summer experience—for example, a course taught in Europe, a cultural enrichment program in New York City, or a research placement—expands his educational horizons. Finally, the student devotes two terms to a senior honors thesis closely supervised by one or more honors faculty mentors.

Overall, the student spends at least three full years and completes 108 credits in residence, 24 more than the residence requirement for Yeshiva College. Simultaneously, he must maintain a comparable level of excellence in Jewish studies. Recommendations for an honors student from administrators and faculty members are virtually guaranteed to be exceptionally strong, and his diploma specifically confirms his graduation from the Jay and Jeanie Schottenstein Honors Program as well as from Yeshiva College.

The freshman honors seminars and the senior honors theses are reserved for students admitted into the Jay and Jeanie Schottenstein Honors Program. So far, summer programs abroad, such as "Jewish Art and Culture in Renaissance Italy," "The Physics of Galileo" (Florence and New York, 1999), and "French Jewry 1806–1905: Images and Identities" (Paris and New York, 2000), have been open to all Yeshiva College students.

Honors electives are open to all students who receive the instructor's permission. These courses are listed on the student's transcript with the letter "H" beside the appropriate course number. The following partial listing of these courses, each tailor-made for the Jay and Jeanie Schottenstein Honors Program, suggests the breadth, depth, and variety of the program and its impact on the Yeshiva College curriculum:



Science, Society, and Ethics  
 Molecular Modeling  
 Organometallic Lab  
 Honors Calculus-Based Physics  
 Quantum Mechanics  
 Computational Methods in the Physical Sciences  
 Economics and Ethical Issues  
 Classical Political Philosophy  
 Experimental Psychology  
 Jewish Religious Behavior in Sociological Perspective  
 Creative Writing — Fiction  
 The String Quartet  
 Greek Myths and Their Influence  
 Baudelaire, Rimbaud, and Mallarme  
 James Joyce  
 Locke and the Eighteenth Century  
 Jewish New York  
 Historiography  
 Jewish Historiography  
 Dead Sea Scrolls  
 Thought of Rav Joseph Soloveitchik  
 Midrash Halakhah  
 Maimonides

**Transfer Credit for Hebrew Language, Literature, and Culture**

ISAAC BREUER COLLEGE

Transfer credit for courses taken at IBC is listed on the YC record as HES 1200–1299.

Transfers are made at the rate of 3 credits per semester unless written permission for a change is received from the Office of the Dean of IBC and filed in the Office of the Registrar.

The grade given for the transfer credit is based on the composite average achieved at IBC that semester.

The composite average is transferred as follows:

3.668	-	4.000	=	A
3.334	-	3.667	=	A-
3.001	-	3.333	=	B+
2.668	-	3.000	=	B
2.334	-	2.667	=	B-
2.001	-	2.333	=	C+
1.668	-	2.000	=	C
1.334	-	1.667	=	C-
1.001	-	1.333	=	D+
0.668	-	1.000	=	D
0.334	-	0.667	=	D-
0.000	-	0.333	=	F

JAMES STRIAR SCHOOL

Transfer credit for courses taken at JSS is listed on the YC record as HES 1000–1099.

Transfers are made at the rate of 4 credits per semester unless written permission for a change is received from the Office of the Dean of JSS and filed in the Office of the Registrar.

The grade given for the transfer credit is based on the composite average achieved in JSS that semester. The composite average is transferred as indicated previously.

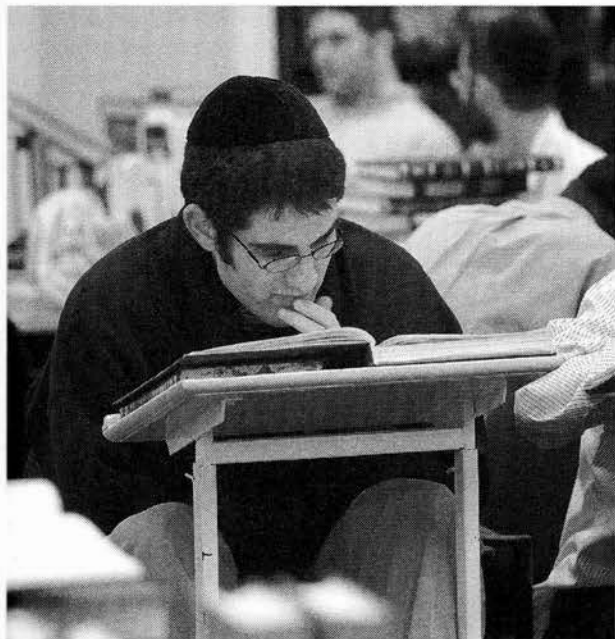
Students attending JSS may not take any courses in Jewish studies at any other school without the prior written permission of the Office of the Dean of JSS.

YESHIVA PROGRAM/MAZER SCHOOL

Students in MYP may elect to transfer 1, 2, or 3 credits per semester to YC for their studies in MYP. Such courses appear on the YC record as HES 1100–1199. The grade given for the transfer credit is based on the composite average achieved in MYP that semester. The composite average is transferred as indicated previously.

**STONE BEIT MIDRASH PROGRAM**

Students in SBMP may elect to transfer 1 or 2 credits per semester to YC for their studies in SBMP. Transfer credit for courses taken at SBMP is listed on the YC record as HES 1600-1699. The grade given for the transfer credit is based on the composite average achieved in SBMP that semester. The composite average is transferred as indicated previously.

**PLACEMENT****English Placement for Foreign Students**

Foreign students will be assigned to English as a Second Language based upon a placement examination upon entrance.

**Foreign Language Study Placement**

A student who has graduated from or attended a foreign secondary school in which the language of instruction was other than English or Hebrew should consult with the Coordinator of Languages in Yeshiva College if he would like to continue his foreign language and/or literature studies.

**SCHOOL REGULATIONS**

Regulations pertaining to Yeshiva College alone are given here; those uniformly applicable to all undergraduate schools are given in the section Academic Information and Policies.

**Attendance**

At the start of the semester, each student must report in person to the instructor of each class to learn the specific attendance, examination, and other requirements of that course.

A student who does not meet these requirements may be dropped from the course.

A record of each student's attendance in each class is kept by the instructor. In performance courses (such as laboratory, public speaking, music, language, and physical education), attendance is required at all class sessions. Attendance is compulsory for freshmen, sophomores in their first semester on campus, students admitted provisionally, and students on probation. During the first week of the semester, the instructor in any course must specifically notify his or her classes of the attendance policy for all students, and should allow a number of absences equal to or greater than the normal number of class sessions per week.

Generally, a student's attendance record is taken into account whenever there may be occasion to determine his status in the University.

Absence without excuse where attendance is required will result in the student receiving a grade of G, which may cause him to be placed on probation or to incur academic dismissal from the College.

**Grades: A/P/N Option**

Each student above the freshman year who is in good standing is permitted to select one course per semester to be graded A, P, or N. This is for the purpose of stimulating students to take coursework outside their area of specialization; therefore, the course may not be one required for graduation or required or recommended for the student's major. Students must apply for such a course during the period specified in the academic calendar.

Regulations and limitations applicable to the choice of a course on the A/P/N Option are available in the Office of the Registrar.

**Audit Policy**

A student may audit no more than one course per semester. Only lecture courses without laboratory, performance, or studio work may be audited. Students must have an average of 3.0 and secure the instructor's permission in writing. Attendance must be regular, and students must fulfill such requirements as determined by the instructor. Audited courses do not count toward the student's workload. No credit is given for an audited course, and it ful-

fills no requirements. A course being taken for credit may be changed to an audit (L) with the consent of the instructor until the date by which a course can be dropped without a W. A course previously audited may subsequently be taken for credit. Both courses will then appear on the student's record. For more information and regulations, consult the Yeshiva College Advisement Center.

### **Upholding Academic Integrity**

Within the academic community, the governing principle is integrity—accepting the responsibility for being judged on the basis of one's own work and achievements. This principle requires that students receive no unauthorized assistance from others and give explicit credit for authorized assistance and for each thought or expression that is borrowed from any outside source. Submission of any examination, course assignment, or degree requirement represents affirmation that the student has lived up to these standards.

Cheating is the act of providing or utilizing unauthorized material or assistance in answering an examination question or performing part or all of an assignment. It includes but is not limited to stealing, furnishing, transmitting, receiving, selling, or buying an examination, one or more answers, or any part of an assignment. The transmission or reception may be oral, written, or by other means, including, but not limited to, pagers and beepers. Assignments include but are not limited to essays, lab reports, homework, compilations of data, and computer programs. Aiding and abetting any act of cheating is also cheating, and will be treated as such.

Plagiarism is a specific form of cheating: the misrepresentation of someone else's words, data, information, program, subroutine, finding, or idea as one's own. Students are responsible for avoiding it in all written and oral assignments and presentations, including, but not limited to, essays, research papers, speeches, homework, computer programs, and lab reports.

The brochure "Upholding Academic Integrity," available in the Academic Advisement Center, describes procedures for addressing allegations of academic dishonesty, including cheating and plagiarism, as well as penalties for breaches in academic integrity.

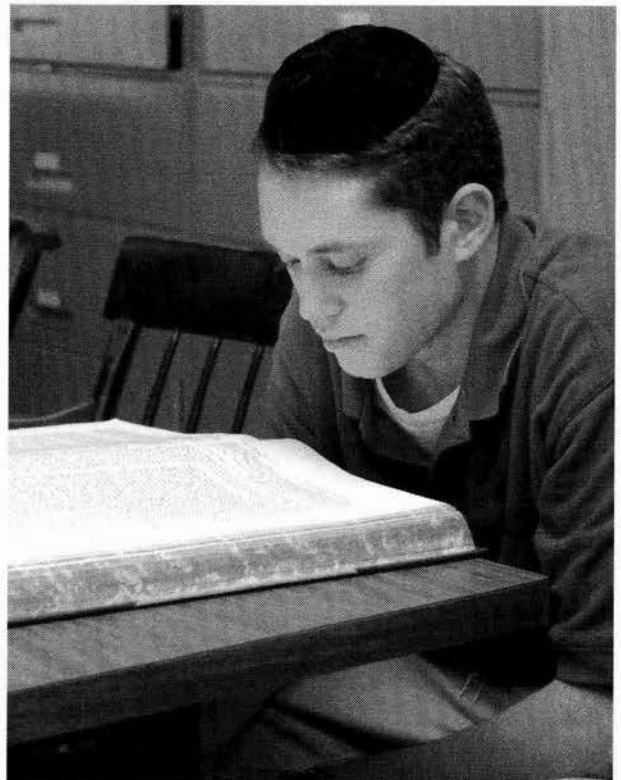
### **Workload**

The normal number of credits for a full semester's work is 15.5 to 16.5 credits. A full-time student is defined as one enrolled for at least 12 credits during a 15-week semester. Under no circumstances will any student be given permission to register for more than 17.5 credits per semester at Yeshiva College (including any credit transferred from any other school of the University or from another institution).

The maximum number of credits that may be earned by any student in a 12-month period (counted as July–June or September–August, at his option) is 43. This includes courses taken in residence, work taken elsewhere, and credit earned by examination (such as the College-level Examination Program or College Proficiency Examination Program).

Students may not take fewer than 12 credits in any semester without written permission of the Office of the Dean.

Students with outside employment or with low averages are subject to restrictions on their workload as described in the section *Academic Retention, Probation, and Dismissal*.



# Sy Syms School of Business

Sy Syms School of Business offers business programs for undergraduate men and women.

It was established in 1987 through major gifts by Sy Syms, a member of the University's Board of Trustees, and other business leaders. The School offers the unique combination of a complete business curriculum along with Yeshiva University's Jewish studies component.

Sy Syms School offers professional preparation with a broad base in liberal arts studies. The curriculum, leading to the bachelor of science degree, incorporates the study and use of computers as part of the coursework. Jewish tradition provides the framework for consideration of ethical issues, an integral part of the student's education. All Sy Syms students simultaneously attend one of the four schools of Jewish studies. Sy Syms faculty members are committed to teaching undergraduates while maintaining respected positions in the research and professional communities. They thus offer students a thorough background in the theoretical as well as practical aspects of business.

The Rennert Entrepreneurial Institute is one of the nation's few undergraduate programs teaching the knowledge and skills necessary for creating and developing a business. Students may take entrepreneurship courses as electives or as an integral part of the management concentration. The Institute received its initial funding through a generous grant from Mr. and Mrs. Ira Leon Rennert, for whom the Institute is named.

## CURRICULUM

### BACHELOR OF SCIENCE

#### Majors

Each student must select one area as a major and obtain the permission of the Office of the Dean for the planned course of study. The following is a listing of areas in which the student may major. For additional information about a major, please refer to its Program of Study sheet.

Accounting

CPA program

Business & Management

Finance concentration

Information Systems concentration

Management concentration

Marketing concentration

Regardless of how much transfer credit is granted a student, at least 60 percent of the required credits in the major must be taken at Sy Syms School.



### Minors

Sy Syms students may select a 15- to 17-credit minor in one of the following. Requirements are listed on the Declaration of Minor form:

Accounting  
 Entrepreneurship  
 Finance  
 Information Systems  
 Management  
 Marketing

Sy Syms students may also select a minor in humanities or social sciences offered through Yeshiva College.

Yeshiva College students may pursue the 18-credit Business minor offered through Sy Syms School. This minor enables liberal arts students to better understand the world of business and broaden their career options.

### Degree Requirements

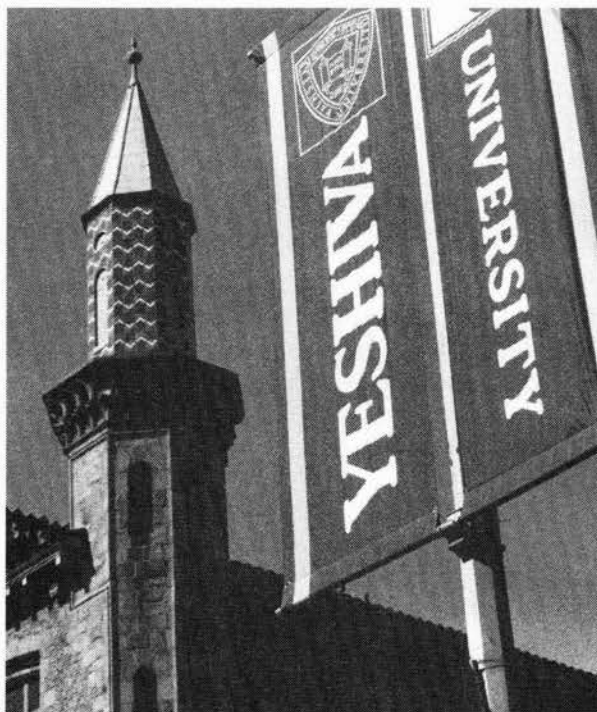
**A. Course and credit requirement:** Completion of all courses required generally (see following paragraphs) and for a major (see previous listing), plus sufficient electives to total at least 128 credits, of which no more than 8 may be in physical education.

**B. Residence requirement:** Students must have attended an institution of higher education full-time for at least eight semesters. They must take at least 84 credits in residence at the New York campus of Yeshiva University, taking at least 12 credits each semester. At least 24 of the last 35 credits must be taken in residence. Transfer students must be in residence at the New York campus of Yeshiva University at least four semesters taking at least 12 credits each semester for at least 58 credits. At least 60 percent of the required credits in the major and the program must be taken at Sy Syms School.

**C. Grade requirement:** Students must achieve an average of 2.0 or better in all studies and a grade of C- or better in all business courses required as part of the major or minor.

**D. Administrative requirements:** Each student must receive approbation of the faculty and the president, and must have filed an Application for Degree during the registration period of the semester in which he completes all requirements.

**E. Senior research paper:** To be eligible for graduation, seniors in each major must register for the course numbered 4970 and complete a research paper or project under the supervision of a member of the faculty.



### Sy Syms General Course Requirements:

#### I. Basic courses (7 credits)

English composition: ENG 1101-1102. 3 or 4 credits.  
 Physical education. 1 credit (two courses).  
 Speech: SPE 1010. 2 credits.

#### II. Humanities (5-6 credits)

One course in literature, chosen from ENG 2001, 2003, 2004, or 4201, 4202, or from French, Greek, Japanese, Latin, Russian, or Spanish. 3 credits.

One course chosen from history or philosophy (introductory courses); Art 1051, 1052; or Music 1111. 2-3 credits.

#### III. Social Sciences

Economics 1011, 1021. 6 credits.

#### IV. Natural Sciences (6-8 credits)

Statistics for Business 1131. 3 credits.  
 One semester of an introductory laboratory science course. 3-5 credits.

#### V. Hebrew Language, Literature, and Culture (18-45 credits)



**Business Core**

All students are required to take the following core courses (33–36 credits) as part of their program of study: Accounting 1001, 1002; Business Law 2021 (except Accounting majors who take Business Law 2111, 2112 as part of their major); Economics 1011, 1021, 1221; Finance 1001; Information Systems 1020; Management 1020; Marketing 1001; Statistics for Business 1131 and either 1456 (required for Finance majors) or 1601.

**SCHOOL REGULATIONS**

Regulations pertaining to Sy Syms School alone are given here; those uniformly applicable to all undergraduate schools are given in the section *Academic Information and Policies*.

**Attendance**

At the start of each semester, each student must report in person to the instructor of each class to learn the specific attendance, examination, and other requirements of that course. A student who does not meet these requirements may be dropped from the course.

A record of each student's attendance in each class is kept by the instructor. Reasonable attendance is expected for each student in each class. During the first week of the semester, the instructor in any course must specifically notify his or her classes of the attendance policy for all students and the number of absences allowed. While faculty members may modify attendance policies as they see fit, reasonable absence is defined as twice the number of times a class meets per week.

Generally, a student's attendance is taken into account whenever there may be occasion to determine his status in the University.

Absence without an excuse may result in the student receiving a grade of G. Excessive absences may result in the student being dropped or withdrawn from the course.

**Grades: P or N System**

Each student above the freshman year who is in good standing is permitted to select one course each semester to be graded P or N. This is for the purpose of stimulating students to take coursework outside their area of specialization; therefore, the course may not be one required for graduation or required or recommended for the student's major. Students must apply for such a course during the period specified in the academic calendar.

Regulations and the limitations applicable to the choice of a course on the P or N system are available in the Office of the Registrar.

**Honors, Retention Standards, Credits for Enrollment in Classes**

Regulations governing credits for enrollment in classes, the Dean's List, honors at graduation, retention, and disciplinary action are found in the section *Academic Information and Policies*.

**Workload**

The normal number of credits for a full semester's work is 15.5–16.5 credits. A full-time student is defined as one enrolled for at least 12 credits during a 15-week semester.

Under no circumstances will any student be given permission to register for more than 17.5 credits per semester at Sy Syms School (including credit transferred from any other school of the University or from another institution).

The maximum number of credits that any student may earn in a 12-month period (counted as July–June or September–August, at his option) is 43. This includes courses taken in residence, work taken elsewhere, and credit earned by examination (such as the College-level Examination Program and or College Proficiency Examination Program).

Students with low averages are subject to restriction on their workload as described in the section *Academic Information and Policies*.

Unless required to limit their programs, students may not take fewer than 12 credits in any semester without written permission from the Office of the Dean.

# Isaac Breuer College of Hebraic Studies

Isaac Breuer College of Hebraic Studies provides a rich undergraduate background for men who seek an advanced, structured yet flexible, comprehensive, and intensive program in the major areas of Jewish learning. Established in 1982 in recognition of a major gift by the late Hermann Merkin and his wife, Ursula, in memory of her father, the College is the successor of Teachers Institute for Men, 1917–66, and Erna Michael College of Hebraic Studies, 1966–82.

IBC is located at the Wilf Campus and benefits from its association with several of the University's other schools and their educational resources as well as from the wealth of public and private educational facilities available in New York City. Faculty and students alike seek to create an atmosphere that provides and promotes the highest standards of ethical conduct and scholarship in the achievement of personal and professional goals.

Major areas of study are Talmud, Bible, Hebrew language and literature, Jewish history, Jewish philosophy and ethics, and Jewish law.

IBC also provides career preparation for those interested in Jewish education, ordination, or graduate Hebraic or Semitic studies. Its rich offerings in other areas qualify it as a preparatory program for both ordination at the affiliated Rabbi Isaac Elchanan Theological Seminary and for advanced graduate study at Bernard Revel Graduate School of Jewish Studies.

Isaac Breuer College curricula may lead to a Hebrew teacher's diploma and the degrees of associate in arts, bachelor of science, and bachelor of arts. Accredited by the National Board of License for Hebrew Teachers, it is a member of the American Association of Hebrew Teachers Colleges.

A wide range of courses is taught in Hebrew and provides valuable supplementary training in the utilization of primary sources, research methods, and independent work.

## **ADMISSION**

To qualify for admission, a student must be a graduate of a Jewish all-day high school or have completed the equivalent work. Candidates also may be considered for Early Admission.

All prospective students meet with the dean for admission and placement purposes.

## **REQUIRED COURSES**

Students must register for at least 12 credit hours per semester.

The following courses in Hebrew language, literature, and culture are required of all students:

BIB 1015 plus four additional Bible courses

HEB 1205–1206

JHI two courses from 1200, 1300, 1400

JUD two semesters

JPH two semesters

TAL four semesters

Two elective courses chosen from JHI, JUD, or JPH

## **MAJORS AND MINORS**

Students may select majors or minors from among the following:

Bible

Hebrew

Jewish History

Jewish Philosophy

Judaic Studies

Talmud

Regardless of how much transfer credit is granted to a student, at least half of the credits required in the major or minor must be taken at Isaac Breuer College.

The written approval of the Office of the Dean is necessary for a waiver or substitution of one course for another in the requirements for graduation or for a major or minor (use Request for Waiver of Prerequisite Form, R15). Students must secure this approval prior to taking the substitute course.

## CURRICULA

### ASSOCIATE IN ARTS

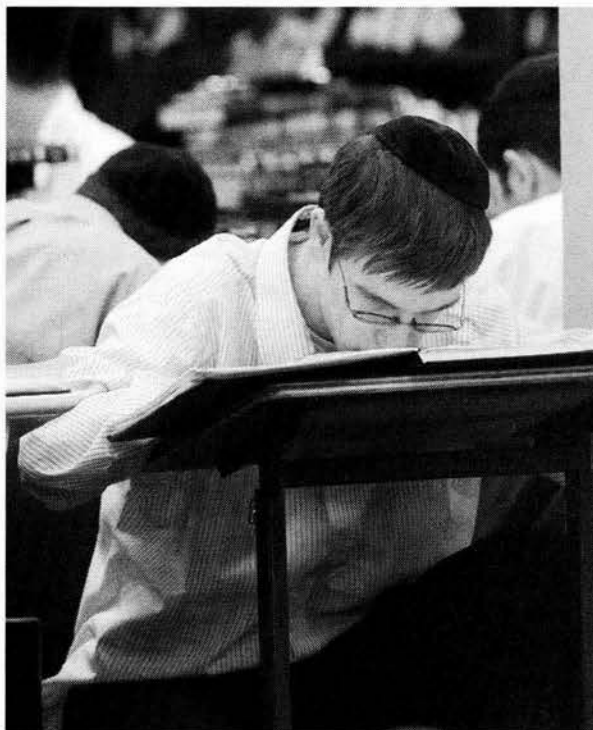
#### Degree Requirements

- A. Course and credit requirement: Completion of 72 credit hours, including the courses required listed previously for all students, and two additional electives. A maximum of 36 of these credits may serve as transfer credits to Yeshiva College and Sy Syms School under the procedure outlined here.
- B. Residence requirement: Students must be in full-time residence at Isaac Breuer College at least four semesters.
- C. Grade requirement: Students must achieve a minimum cumulative average of 2.0 in all studies and minimum grade of C in all courses used to meet the requirements in the major. Students presenting two minors must have a cumulative average of 2.0 in each minor, with no individual grade in that minor below C-.
- D. Administrative requirement: Each student must have filed an Application for Degree during the registration period of the semester in which he completes all requirements.

### HEBREW TEACHER'S DIPLOMA

#### Diploma Requirements

- A. Course and credit requirement: The required courses listed previously for all students, and the following courses: EDU 1001; JED 1553, 2301 (or 2552B), 2945B; PSY 1001, 3400, or their equivalents. One additional major or minor.
- B. The same residence, grade, and administrative requirements apply here as for the associate in arts.  
 Holders of the Hebrew teacher's diploma will receive, on application to the National Board of License for Hebrew Teachers and/or regional licensing boards, a license to teach in schools under the jurisdiction of those boards.



### BACHELOR OF SCIENCE

#### Degree Requirements

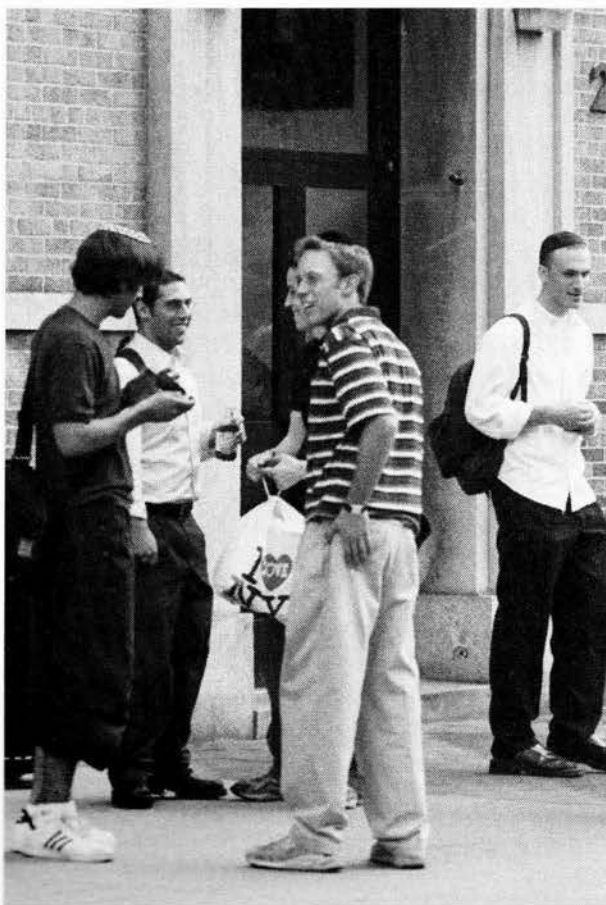
- A. Course and credit requirement: A major and a minor, or three minors, and the following courses: the required courses previously listed for all students, and enough additional courses in Hebrew language, literature, and culture to total 90 (Note: none of these courses may be counted toward any other bachelor's degree at Yeshiva University.); an additional 64 credits in liberal arts (no more than 10 in the field of Hebrew language, literature, and culture), including all those required of YC students.
- B. Examination requirement: Each student must pass a comprehensive examination in the major or a qualifying examination in each minor.  
 The same residence, grade, and administrative requirements apply here as for the associate in arts, with the additional requirement of minimum 70 credits at Yeshiva University.  
 Students should note the prohibition of two bachelor's degrees in four years (see Workload heading that follows.).

## BACHELOR OF ARTS

The purpose of the Bachelor of Arts program is to prepare teacher-scholars specially trained to serve as teachers of Hebrew and cognate subjects in grades 7-12. It is open to select students who possess at least an intermediate knowledge of Hebrew, are strongly motivated to enter the field of education, and are prepared to undertake a rigorous curriculum. Students who complete the program are awarded a Hebrew teacher's diploma in addition to the bachelor of arts degree.

IBC maintains intensive personal counseling contacts with each student, and the student and his counselors periodically evaluate all factors bearing on his continuation in the program.

Unlike the students in the associate in arts program, Hebrew teacher's diploma, and bachelor of science programs, who may simultaneously be enrolled in the bachelor's programs at Sy Syms School or Yeshiva College, bachelor of arts students at Isaac Breuer College may not be in any other degree program. They may, however, take their elective credits at Yeshiva College as visiting students.



## Degree Requirements

Course and credit requirement: the required courses listed previously for all students, and enough additional courses in Hebrew language, literature, and culture to total 112 credits, distributed as follows: BIB-24; EDU, JED, and PSY-25; HEB-17; JHI-12; JPH-9; JUD-8; TAL-17.

The additional 64 credits in the liberal arts (no more than 10 in the field of Hebrew language, literature, and culture) as required in the bachelor of science program listed previously.

The same residence, grade, examination, and administrative requirements apply here as for the bachelor of science, with the additional requirement of a minimum 88 credits at Yeshiva University.

## SCHOOL REGULATIONS

### Attendance

Students are expected to attend all their scheduled class sessions and College exercises and to be present promptly at the beginning of the hour, unless prevented from doing so by illness or other compelling cause.

A record of each student's attendance in each class is kept by the instructor.

Generally, a student's attendance record is taken into account whenever there may be occasion to determine his status in the University.

Permission to register late in a course does not in itself excuse the student's absence from the classes already held.

Continued unexcused absences will result in the dropping of the student from the course with a grade of G, which may cause him to be placed on probation or to incur academic dismissal from the College.

### Workload

The number of credits for a full semester's work varies from program to program. Students enrolled in a bachelor's program at Yeshiva College, Sy Syms School, or any other institution of higher education while attending Isaac Breuer College are under no circumstances permitted to complete the requirements for two bachelor's degrees in a four-year period. They may, however, complete their requirements at Isaac Breuer College during a fifth year of study, and the University will waive tuition for those credits that are lacking for an IBC degree.

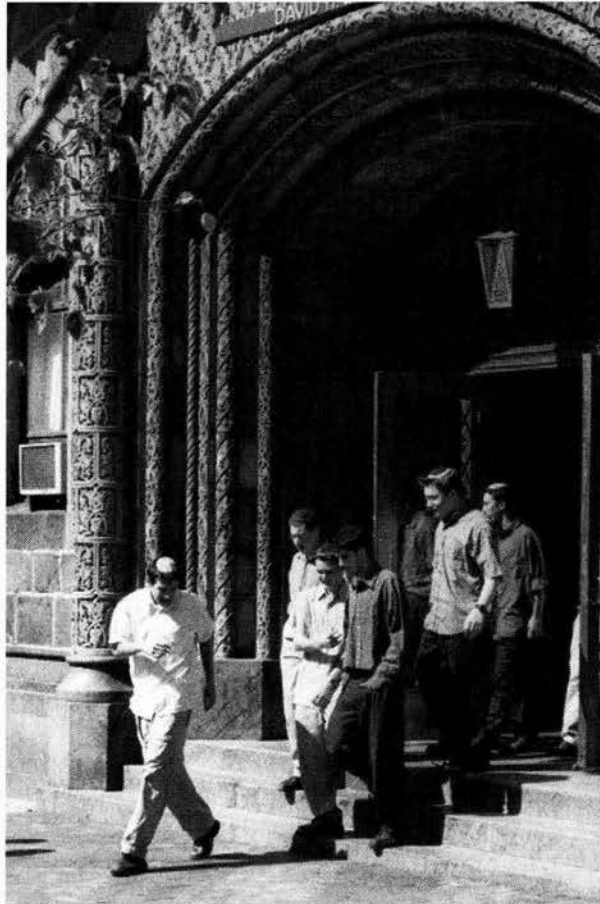
# James Striar School of General Jewish Studies

The James Striar School of General Jewish Studies is a comprehensive program in Jewish studies for men with diverse backgrounds and degrees of prior formal Jewish education. The curriculum comprises courses in Hebrew language, Bible, Jewish history, Talmud, and Jewish philosophy and law. Students progress from basic to more advanced levels in systematic stages based upon individual student growth and achievement.

The School was established in 1956 as the Jewish Studies Program and renamed in 1965 to honor the benefaction of the Striar family in memory of their father, James Striar.

The quality of the School's courses, faculty, and individual advisement attracts young men seeking professional and scholarly careers in fields requiring an enriched background in Hebraic studies, culture and values. Students in the James Striar School may concurrently pursue any major at Yeshiva College or Sy Syms School.

Students who complete the requirements as follows receive the associate in arts degree. The School's location at the Wilf Campus affords stimulating association with the University's other undergraduate schools as well as graduate schools and affiliates, and provides easy accessibility to the major resources of the institution.



## ADMISSION

Admission to James Striar School requires that every applicant be interviewed by the dean of the School. This provides an opportunity to evaluate the applicant's background in Jewish studies and to discuss fully the nature of the School and its suitability for him. Where distance or other circumstances make it a hardship for the student to come to New York, special arrangements will be made.

First-year courses presuppose the student's ability to read vocalized Hebrew text and to write the Hebrew alphabet in cursive script.

## **CURRICULUM**

### **ASSOCIATE IN ARTS**

#### **Degree Requirements**

- A. Distribution of required courses: Bible, 6 credits; Hebrew Language, 4 credits; Jewish History, 2 credits; Talmud / Judaic Studies, 8 credits; additional courses in these areas, 6 credits.
- B. Residence requirement: the prior or simultaneous receipt of a BA or BS degree from Yeshiva College or Sy Syms School. Students must complete at least six semesters in residence at James Striar School taking a full program each semester.
- C. Grade requirement: Students must achieve an average of 2.0 or better in all Jewish studies courses.
- D. Administrative requirements: Each student must receive approbation of the faculty and the president, and must have filed an Application for Degree during the registration period of the semester in which he completes all requirements.

### **STUDENT ADVISEMENT**

Student advisement plays an important role in the James Striar course of study. Each student is required to meet with an advisor prior to registration. In addition, full-time advisors are available to meet with students to discuss program and personal issues. One-on-one tutoring by senior Rabbinic students is provided on an ongoing basis throughout the term.

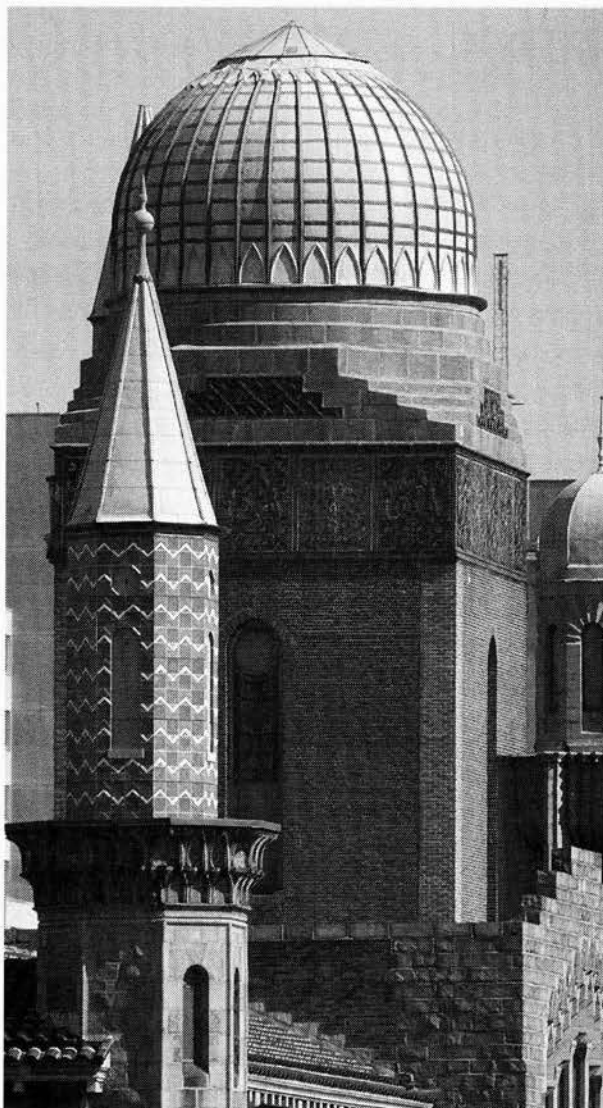
### **SCHOOL REGULATIONS**

#### **Attendance**

Students are expected to attend all their scheduled class sessions and be present promptly at the beginning of the hour, unless prevented from doing so by illness or other compelling cause.

A record of each student's attendance in each class is kept by the instructor.

Generally, a student's attendance record is taken into account whenever there may be occasion to determine his status in the University.



# Yeshiva Program/Mazer School of Talmudic Studies

Yeshiva Program/Mazer School of Talmudic Studies (MYP) offers a four-year undergraduate course of study for men in which Talmudic texts and commentaries are probed intensively in the original Aramaic and Hebrew in a classical yeshiva setting. Although the program does not lead to a degree, specified credit is transferable to all BA and BS programs at Yeshiva College and/or Sy Syms School, regardless of the student's major. Students in MYP have varied professional and academic interests but are united in their desire to develop in Talmudic scholarship and knowledge of Halakhah.

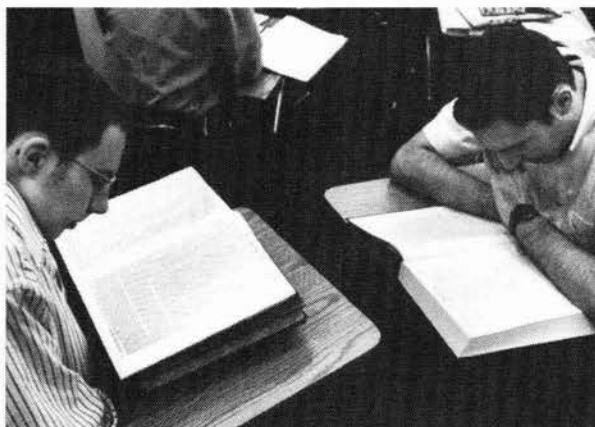
MYP was named through a major gift in 1979 by the Joseph and Ceil Mazer Foundation. It has been in existence as a separate entity since 1970, but is a continuation of the institution's oldest component, the core from which the University developed.

The study of Talmud and commentaries, the heart of the curriculum, is designed not only to give the student a firm foundation in traditional learning skills and in the handling of original texts, but also to give him direction, in both learning and character, and to develop an appreciation of the Judaic heritage. In addition to Talmud, there are elective classes in related texts and lectures in Musar, which emphasize the continuity of Jewish tradition from Sinai to the present. The faculty includes many graduates of the foremost yeshivot, both here and abroad, who are internationally recognized scholars.

The Rabbi Hyman Muss Torah Learning Center and Beit Midrash complex was built in 1997 to accommodate a growing number of students. It joins the original Harry Fischel Synagogue Study Hall (Beit Midrash), renovated in 1979 and refurbished in 1998, through a major gift by the late Joseph S. and Caroline Gruss. They remain the intellectual focus of MYP, as the Beit Midrash has always been the academic heart of the great centers of Jewish learning through the ages. An integral part of the program is the highly successful voluntary night seder (study period) in the Beit Midrash, overseen by the faculty. Students also have

the opportunity to attend *Bekiut shiurim* (classes in additional Talmudic texts). MYP sponsors an annual Bekiut Incentive Award Program, with presidential prizes for students who master large segments of additional texts beyond the regular curriculum.

A strong complement of *s'ganei mashgichim/shoalim u'maishivim* (assistant counselors/teaching mentors) who man the various Batei Midrash for regular morning and night s'darim has recently been added to help students in their learning and to assist newcomers in their transition to MYP from either high school or Israel.



## ADMISSION

Admission regulations pertaining to Yeshiva Program/Mazer School alone are given here; those uniformly applicable to all undergraduate schools are given in the section Admissions.

To qualify for admission, a student must 1) be in attendance at Yeshiva College or Sy Syms School, unless the student already holds a bachelor's degree; 2) have knowledge of Hebrew (modern, medieval, and Biblical); and 3) pass an entrance examination in the reading and comprehension of selected Talmudic passages and commentaries as well as general background in Talmud.

Applicants are placed in classes based on previous training and ability; advanced standing is given to those who have pursued Talmudic studies in college-level programs at yeshivot in the United States or Israel.

### STUDENT ACTIVITIES

The Student Organization of Yeshiva (SOY), representing the MYP student body, meets regularly with the administration on matters of mutual concern. SOY coordinates and sponsors such activities as Shabbatonim, holiday celebrations, charity drives, periodic sales of seforim (texts), and lectures, including a series for students and alumni during winter vacation.

SOY publishes four journals: *Enayim L'Torah*, on the weekly Torah portion; *Bayn Kotei HaYeshiva*, appearing in concert with Jewish holidays; *Gesher*, dedicated to Jewish scholarship with articles generally in English; and *Beit Yitzchak*, which features articles of Talmudic and halakhic analyses.

Special publications have received national and international recognition, such as a Haggadah with commentary, *Festivals and Fasts: A Practical Guide*, and *A Guide to Kashrut*. See also general student publications.

### SCHOOL REGULATIONS

Regulations pertaining to MYP alone are given here; those uniformly applicable to all undergraduate schools are given in the section *Academic Information and Policies*.

#### Attendance

Students may not register for any courses at Yeshiva College or Sy Syms School during time designated for MYP studies.

Students may be subject to disciplinary and academic penalties if they are excessively absent for either *hakhanah* (preparation) or *shiur* (lecture).

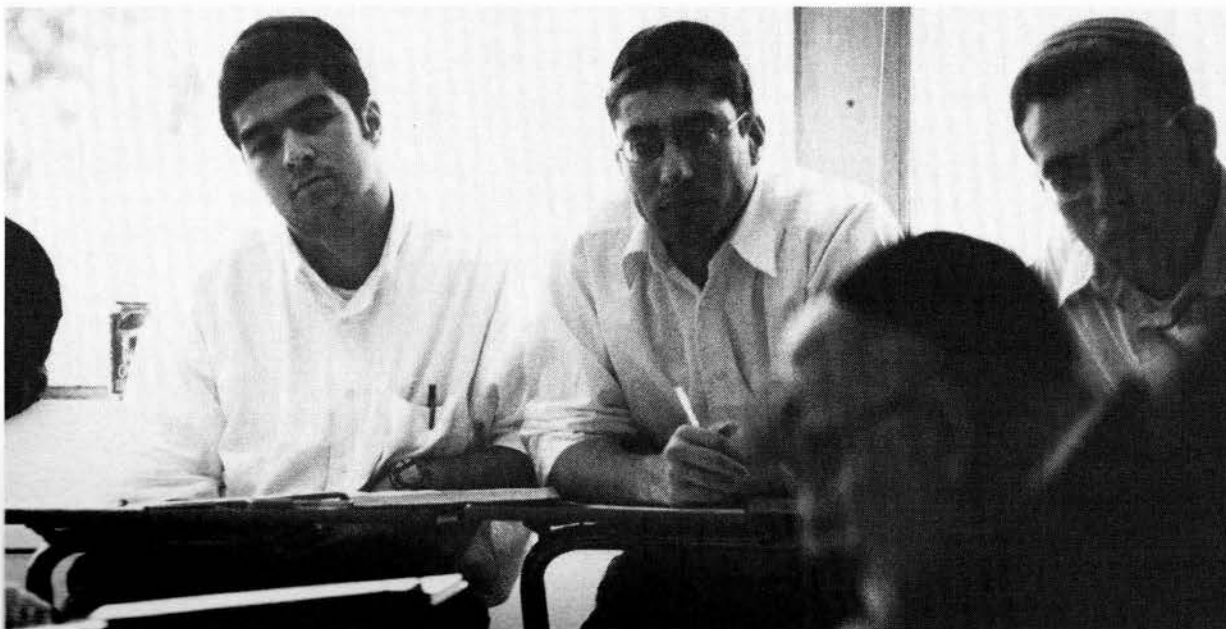
Students who are absent from a session and wish to have the absence excused must file their excuse with the Office of the Dean within two days of their return to school. A special form, obtainable in that office, is to be used. Ordinarily, the Office accepts only a note from a physician as an excuse for an absence because of illness.

#### Class Assignments

Class assignments are made by the dean or administrator of MYP based on level and progress of learning as well as on student requests. Changes may be made only with the permission of the dean or administrator. Students not attending, or who are attending classes other than those officially assigned to them, may be dropped from MYP. Students receiving notices that they have not been assigned must arrange to see the dean or administrator immediately.

#### Maintenance of Academic Standards

Students are required to maintain satisfactory standards of scholastic performance. Students who miss examinations, fail courses, have generally poor academic records, or have excessive absences will be put on probation. If a student's record does not improve sufficiently during the course of the following semester, he may be dropped from MYP.





# Irving I. Stone Beit Midrash Program

Established in 1995, the Irving I. Stone Beit Midrash Program offers undergraduate men a structured Jewish studies program designed for students with special scheduling needs and interests. It maintains a high level of traditional Talmud study in a diversified curriculum. In addition to Talmud *sefer* (study period), and *shiur* (lecture), the program includes courses in Machshevet Yisrael (Jewish thought, ethics, and philosophy) and Halakhah (Jewish Law). Students derive the unique benefits of learning in a yeshiva Beit Midrash environment.

Although the program does not lead to a degree, up to two credits are transferable to all BA programs at Yeshiva College and BS programs at Sy Syms.

## ADMISSION

To qualify for admission, a student must 1) be interviewed by the dean of the program; 2) pass an oral entrance examination in reading and comprehension of selected Talmudic passages and commentaries as

well as a general background in Talmud study; and 3) simultaneously attend Yeshiva College or Sy Syms School of Business.

## SCHOOL REGULATIONS

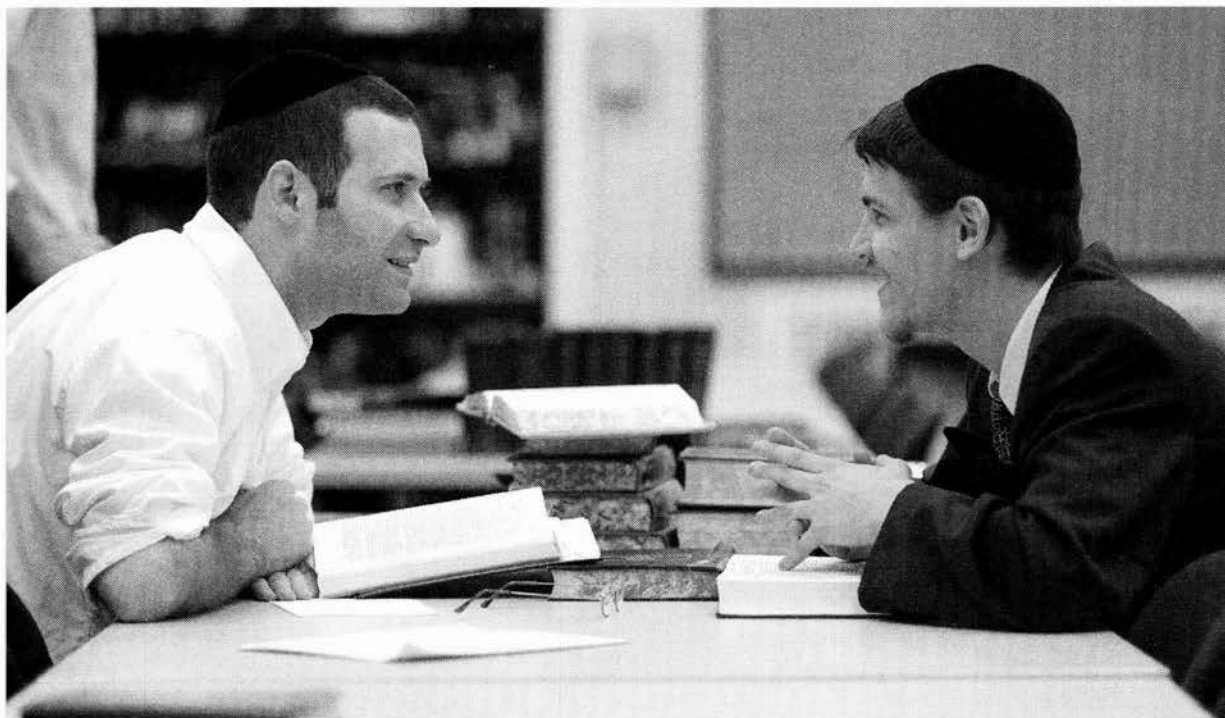
### Attendance

Students are expected to attend all their scheduled class sessions and be present promptly at the beginning of the hour, unless prevented from doing so by illness or other compelling cause. A record of each student's attendance in each class is kept by the instructor.

Generally, a student's attendance record is taken into account whenever there may be occasion to determine his status in the University.

### Examinations

Midterm and final examinations are required in each course.



# S. Daniel Abraham Israel Program

For the benefit of those students who wish to spend a year in Israel and concentrate on Jewish studies, the University, with the approval of the New York State Education Department and the government of Israel, has established the S. Daniel Abraham Israel Program, under which students may take courses at any one of more than 38 Israel institutions. A current list of such institutions is available upon request from the Office of Admissions. Students must apply to an Israeli institution as well as to Yeshiva University, and must be accepted by both to enroll in the program. Contact the Office of Admissions to obtain an application and informational brochure.

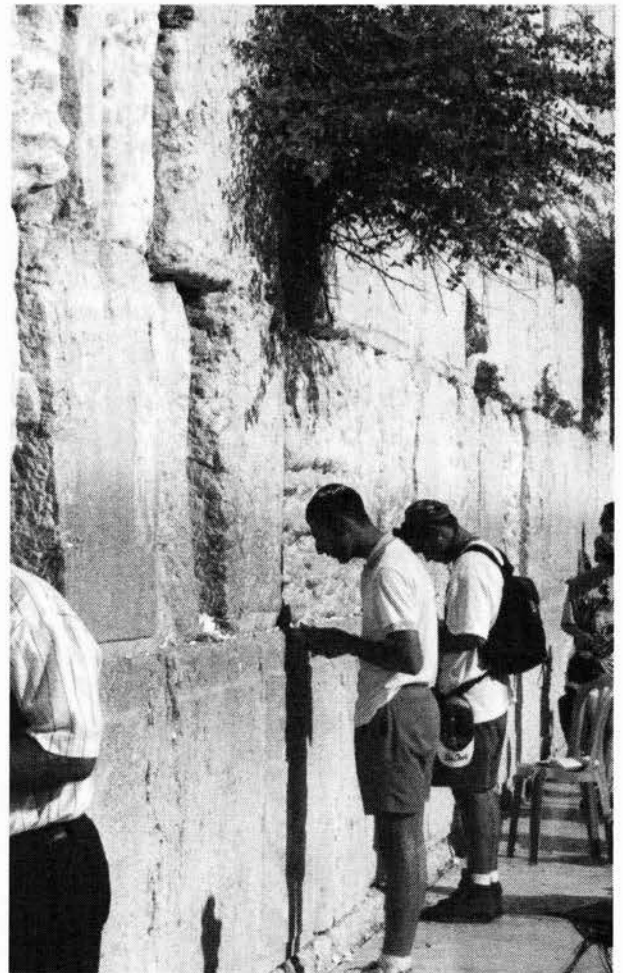
The Israel Program has four objectives:

- To enable students to incorporate study at Israeli yeshivot, women's schools, or universities into their college years, enhancing their Yeshiva University experience
- To expose students to intense, concentrated study of Bible, Talmud, Jewish philosophy, and other subjects
- To increase fluency in oral and written Hebrew
- To enable students to learn first-hand about Israel: the land, people, history, and culture.

Recognized under New York State law as a Yeshiva University extension center, the program is located at the Caroline and Joseph S. Gruss Institute in Jerusalem and is supervised by full-time Yeshiva University staff. Credits earned in the program are Yeshiva University credits and not transfer credits. All courses taken in the program appear on the student's Yeshiva University permanent record and on transcripts made from this record as long as the student completes at least 12 credits on either of the New York Campuses. Courses in the Israel Program do not count toward the residence requirement at the New York Campus.

As Yeshiva University students, those in the Israel Program are eligible for all applicable state and federal financial aid programs.

Generally, the Academic Information and Policies YC, SCW, and SSSB apply to the S. Daniel Abraham Israel Program. However, the program follows the standard Israeli academic calendar, under which classes begin earlier and end somewhat later than in the United States; students who plan to take courses in Israel are cautioned that the year there may end too late for students to enter some American summer sessions. They should also note that grades for the fall semester are not available until late in the spring, and grades for the spring are not available until late in the summer—sometimes not until after American institutions begin their fall sessions.



# Programs of Study and Course Descriptions

Following is a list of undergraduate courses and programs.

Unless otherwise noted, courses meet for the same number of hours per week as the credit value of the course (e.g., a 3-credit course meets three hours per week).

Each school has minimum residence requirements for majors and minors; see each school's section, as well as sections for individual subjects, for specific information.

The same course may be counted toward two majors, or toward a major and minor, only if it is specified in the Catalog as being required for both. An elective course may not count twice.

Disciplines are listed alphabetically. Courses are listed numerically within each discipline and are designated by a four-digit number. If a suffix is used, it has the following meaning:

A = a modified course given for fewer hours and credits

B = a modified course given for more hours and credits

C = a course with combined lecture and laboratory portions, with one grade given for both

H = honors course

L = a course consisting solely of laboratory work, or the separately graded laboratory portion of a course

R = the separately graded lecture portion of a course (Thus, CHE 1045C is identical in content to CHE 1045R and 1045L taken together, but with one grade given for the entire course instead of separate lecture and laboratory grades.)

S = a course in the Division of Jewish Studies dealing with Sephardic history and culture

Course sequences that extend through two successive semesters are differentiated as follows:

1. Separated by a hyphen (e.g., FRE 1101-1102): The first is a prerequisite for the second, and both must be taken in order to receive credit for either.
2. Separated by a comma (e.g., CHE 1213C, 1214C): The first is a prerequisite for the second, but credit is given for the first course alone.
3. Separated by a semicolon (e.g., ART 1051; 1052): The first and second courses may be taken separately or in any order, and credit is given for each.

Parentheses around the title of a course indicate that the course is not expected to be offered during the period covered by this Catalog. Not every course listed in the Catalog is offered every semester or at every school. Courses offered during any specific semester and their hours are listed in each school's Schedule of Courses, available at the Office of the Registrar. Courses, though listed, are offered only if there is sufficient enrollment.

No credit is given for a course that is a prerequisite for an advanced one if it is taken after the advanced course has been completed.

## ACCOUNTING (ACC)

### CPA PROGRAM

#### *Major: Sy Syms School*

The Accounting major consists of 11 courses from the Business Core and 9 additional courses, totaling 62 credits: ACC 1001, 1002; ECO 1011, 1021, 1221; FIN 1001; INF 1020; MAN 1020; MAR 1001; STB 1131, 1456 or 1601; and ACC 1101, 1102, 2403, 3201, 3601; TAX 2501, 2502; BLW 2111, 2112; and ACC 4970.

#### *Minor: Sy Syms School*

Five courses chosen from ACC 1101, 1102, 2403, 3201, 3601, 3851; TAX 2501, 2502.

#### **1001 Accounting Principles I. 3 credits.**

Introduction to financial accounting: the accounting cycle, statement preparation, accounting for cash and temporary investments, receivables, inventories, and long-lived assets.

#### **1002 Accounting Principles II. 3 credits.**

Accounting for current and long-term liabilities, stockholders' equity, intercorporate investments, statement analysis, statement of cash flows.

*Prerequisite: ACC 1001.*

#### **1101 Intermediate Accounting I. 3 credits.**

Intensive study of the application of generally accepted accounting principles to selected assets: marketable securities, receivables, inventories, long-lived assets, and intangibles.

*Prerequisite: ACC 1002.*

#### **1102 Intermediate Accounting II. 3 credits.**

Continuation of the study of balance sheet items: long-term liabilities, including leases, pensions, and stockholders' equity; income tax allocation and principles of income determination.

*Prerequisite: ACC 1101.*

**2403 Management Accounting. 3 credits.**

Techniques used for decision making for management and for financial reporting; product and service costing systems; overhead allocation; standard costs for control and analysis; cost-volume-profit analysis; short-term decision making; and performance evaluation.

*Prerequisite:* ACC 1002.

**3201 Advanced Accounting. 3 credits.**

Accounting for business combinations, foreign operations, segment reporting, and partnerships.

*Prerequisites:* ACC 1102 and 2403.

**3601 Principles of Auditing. 4 credits.**

Auditing procedures, the nature of evidence in the audit, evaluation of internal control systems, audit sampling, auditing computerized systems, code of professional conduct.

*Prerequisites:* ACC 1102 and 2403.

**3851 Financial Statement Analysis. 3 credits. (Same as FIN 3851.)**

Designed primarily for non-Accounting majors. Methods of communicating information about financing and operating activities of corporations, and techniques for analyzing and evaluating that information.

*Prerequisite:* ACC 1002, FIN 1001.

**4970 Senior Research Paper. No credit.**

An individualized approach to assisting each student in selecting a topic and designing and completing his senior research paper required for graduation. Students work one-on-one with a faculty member in their discipline.

*Prerequisite:* senior status.

**AMERICAN STUDIES**

The American Studies minor offers students the opportunity to examine culture and society in the United States from an interdisciplinary perspective. Students develop an awareness of specific patterns in U.S. history, literature, and politics while compiling a set of analytical skills for synthesizing the broad range of experiences that make up a "culture" or "civilization."

*Minor:* Yeshiva College

Five courses: one American Literature & Culture core course (English 2911; 2912; 2913), one course in U.S. history, and three additional courses dealing primarily with the United States, selected from the following disciplines: Art, Economics, English, History, Jewish History, Music, Political Science, Sociology, Speech & Drama.

**ARCHITECTURE**

*Minor:* See Art section.

**ART**

*Minor in Studio Art:* Yeshiva College

ART 1052A plus 12 additional Studio Art credits including at least one advanced course as determined by the department advisor in consultation with the individual student, and one 3-credit course in architectural history or art history. Department advisor: Ms. S. Golin.

*Minor in Architecture:*

*Yeshiva College*

Art 1052A, 1631, and 1633, plus two courses from ART 1630, 1635, or 1639; either a third course in architectural history (from ART 1630, 1635, or 1639), ART 1632, an advanced course in studio art (from ART 2302, 2515, or 2702), or a course in a related field chosen in consultation with the department advisor.

**1051A; 1052A History of Art. 2 credits.**

Introduction to the history of art and architecture of the West. First semester: ancient Egypt, Mesopotamia, Greece, Rome; the early medieval world; the Romanesque and Gothic periods. Second semester: Renaissance through 19th century, with emphasis on style and expression in the work of selected artists.

**1630 American Architecture. 3 credits.**

Introductory course that compares buildings from various eras and cultures and examines their systems. Covers early colonial settlements to postmodern practices, resulting in a basis for an architectural vocabulary and a greater consciousness of the built environment in the United States.

**1631, 1632 Architectural Design. 3 credits.**

Introduction to design. Studio exercises in spatial perception and abstract visualization of form, and projects involving drawings and models. Concepts studied include principles of site planning, use of materials, and elementary architectural drafting techniques.

**1633 The Language of Architecture. 3 credits.**

Introduction to theories of architecture. Discussion of key texts in architecture, methods of perceiving the tactile and sensual qualities of built environments, and a survey of the history of architecture, with emphasis on the modern.

**1635 Evolution of the Skyscraper. 3 credits.**

The great buildings of New York City in the 19th to 21st centuries, and concepts and styles of urban design and civic planning within social and cultural contexts; field studies.

**1639 The Architecture of the Synagogue. 3 credits.**

The history of great synagogal architecture, with emphasis on the synagogues of New York City; field studies.

**2201A Color and Design. 2 credits.**

Elements and principles of visual expression such as line, space, color, and shape, with emphasis on compositional movement. Weekly projects. For beginning and intermediate students.

**2202 Advanced Design. 3 credits.**

Advanced exploration of 2- and 3-dimensional design principles. Course structure is similar to that of 2201.

*Prerequisite:* ART 2201.

**2301A Principles of Drawing. 2 credits.**

Introduction to the material, skills, and techniques of drawing. The nature and varieties of graphic techniques; drawing disciplines such as perspective, modeling, and foreshortening; exploration of the imaginative and expressive nature of drawing. Projects. For beginning and intermediate students.

**2302 Advanced Drawing. 3 credits.**

Advanced exploration of graphic techniques and the drawing discipline. Course structure is similar to that of 2301. This course may be repeated (to a total of four times) for credit.

*Prerequisite:* ART 2301.

**2302A Drawing the Head. 2 credits.**

*Prerequisite:* ART 2301A.

**2511 Beginning Painting. 2 credits.****2513 Intermediate Painting. 2 credits.**

Introductory problems in color, shape, and space relationships through studio projects with oil paint. Museum trips when possible.

**2515, 2516 Advanced Painting. 3 credits.**

Advanced projects in studio art. Covers technical, formal, and conceptual issues.

**2701A, 2702A Sculpture I -Sculpture II. 2 credits.**

Concepts of modern sculpture explored through specific hands-on projects involving carving, modeling, constructing, and assembly.

**2711A Collage. 2 credits.**

**2901A Printmaking. 2 credits.**

**4901, 4902 Independent Study.**  
*Meet with the Yeshiva College Academic Dean.*

**4931 Art in New York. 3 credits.**

## BIBLE (BIB)

*Major: Isaac Breuer College*  
Thirteen (13) credits in Bible courses (beyond the 19 required of all students in IBC); comprehensive examination or BIB 4950.

*Major: Yeshiva College*  
Jewish Studies majors may concentrate in Bible. See the description of the Jewish Studies major.

*Minor: Isaac Breuer College*  
Seven (7) credits in Bible courses (beyond the 19 required of all students in IBC); qualifying examination or Bible 4950.

Instruction in Bible is offered at Isaac Breuer College, James Striar School, and Yeshiva College. At Yeshiva College, the sequence of courses is typically BIB 1015 followed by text courses from the Later Prophets and Hagiographa.

**1015 or 1015H Introduction to the Bible. 2–3 credits.**

Authorship and canonization; text transmission; Masoretic text; translations of the Bible; Bible in its ancient Near Eastern context; Jewish Biblical interpretation through the ages.

*Prerequisite for all other Bible courses.*

**1071 Biblical Midrashim. 2 credits.**

Introduction to the Aggadah; literary study of authorship, style, and contents of the major Tannaitic Midrashim; emphasis on their use in Biblical exegesis.

**1072 or 1072H Rabbinic Biblical Legal Exegesis. 3 credits.**

The methods of legal exegesis of the midreshei halakhah and the Babylonian Talmud, with emphasis on the way in which rabbinic tradition dealt with the problem of providing legally meaningful interpretations of each stylistic nuance of the legal portions of the Pentateuch.

**1083 or 1083H Early Jewish Biblical Interpretations. 3 credits.**

A survey of the development of Jewish Biblical interpretation from its earliest representation in the late books of the Bible through its various manifestations during the Second Temple and rabbinic periods. Touches upon the major works as well as the significant methods and types of interpretation originating in these periods.

**1085; 1086 Topics in Biblical Exegesis I; II. 2 credits.**

Selected Pentateuchal texts, examined in light of classical and modern Jewish commentaries, with emphasis on literary and theological analysis. May be repeated for credit with variation of content.

*Prerequisite: BIB 1015A.*

**1096 Nahmanides on Pentateuch. 2 credits.**

Analysis of the commentary of Moses Nahmanides (Ramban), his method and terminology, and similarities to—and differences from—other exegetes.

*Prerequisite: BIB 1085A.*

**1201, 1202 The Book of Genesis. 3–6 credits.**

**1213 or 1213H Genesis and Literature. 3 credits.**

Topics in Genesis, including creation of man, original sin, Cain and Abel, and the Akeda, studied together with their literary afterlife, including Milton, Unamuno, Augustine, Kierkegaard, and traditional Jewish exegesis and homiletics.

**1305; 1306 The Book of Exodus. 2–4 credits.**

Translation and exposition of the text in accordance with standard commentaries; selected passages from Rashi and other commentators. For lower intermediate students.

**1407; 1408 Leviticus. 3 credits.**

Translation and exposition of the text in accordance with standard commentaries; selected passages from Rashi and other commentators.

**1507; 1508 The Book of Numbers. 3 credits.**

Translation and exposition of the text in accordance with standard commentaries; selected passages from Rashi and other commentators.

**1609; 1610 The Book of Deuteronomy. 3 credits.**

Intensive study using classical and modern commentaries. For advanced students.

**2107 Early Prophets. 3 credits.**  
Selections from Joshua, Judges, Samuel, or Kings, with emphasis on historical context and analysis of literary technique and theological concepts.

**2109; 2110 Early Prophets. 3 credits.**  
Selections from the Early Prophets, with classical commentaries; emphasis on historiographic study and the use of archeological findings. First semester: conquest of Canaan and early Judges; second semester: later Judges and the establishment of the Monarchy. For advanced students.

**2118 Joshua/Judges. 2 credits.**

**2500 through 2879 The Later Prophets. 2–3 credits.**

Texts studied with classical and modern commentaries; literary and theological analysis.

**2505 Isaiah.**

**2555 Jeremiah.**

**2605 Ezekiel.**

**2656 Amos and Hosea.**

**2658 Seven Minor Prophets.**

**2805 Haggai, Zechariah, Malachi.**

**3000 through 3999 Hagiographa.**

Texts of the Ketuvim studied with classical and modern commentaries; literary and theological analysis; historical context.

**3209 Psalms. 2 credits.**

**3257 Proverbs. 2 credits.**

**3307 Job. 2 credits.**

**3409; 3410 Five Megillot. 2–3 credits.**

**3659 Ecclesiastes. 2 credits.**

**3807 Daniel. 2 credits.**

**3857 Ezra-Nehemiah. 2 credits.**

**3909 Chronicles. 2 credits.**

**4002 Biblical Narrative. 2 credits.**

Readings in Biblical narratives in light of classical medieval and modern commentaries and modern literary theories.

**4021 Biblical Poetry. 2 credits.**

Readings in Biblical poetry in light of classical medieval and modern commentaries and modern literary theories.

**4136 Biblical Archeology. 2–3 credits.**

**4138 Bible and Ancient Near East. 2–3 credits.**

**4520 Targumim. 2 credits.**

The Aramaic translations of the Pentateuch and their place in Biblical exegesis.

**4901, 4902 Independent Study.**  
*Meet with the Yeshiva College Academic Dean.*

**4950 Bachelor's Thesis.** 9 hours.  
3 credits.  
At Isaac Breuer College, independent work, under faculty guidance, in an area of Biblical study. An acceptable thesis will show diligent research in primary sources, scholarly organization, and clear exposition of material.  
*Prerequisite:* Bible major or minor, and senior status.

**BIOLOGY (BIO)**

*Major: Yeshiva College*  
BIO 1011, 1012 (Lecture and Laboratory) and 18 additional BIO credits, including four advanced laboratory courses (biochemistry may count toward these required biology credits); CHE 1045-1046 (Lecture and Laboratory); two courses chosen from MAT 1412, MAT 1413, STA 1021. Strongly recommended are organic chemistry and physics.

*Minor: Yeshiva College*  
BIO 1011, 1012 (Lecture and Laboratory) and 10 additional BIO credits, at least 8 of which must be in advanced laboratory courses. Biochemistry may count toward a Biology minor.

**1001R, 1002R Essentials of Biology—Lectures.** 2 credits.  
This course for non-majors provides an integrated approach to the study of biology. First semester: chemico-physical concepts, principles underlying living systems, cell structure elements, energetics, and tissue organization; second semester: human anatomy and physiology, human reproduction, and the principles of genetics.  
*Corequisite:* BIO 1001L, BIO 1002L.

**1001L, 1002L Essentials of Biology—Laboratory.** 1 credit.  
Laboratory work to accompany lectures.  
*Laboratory fee.*  
*Corequisite:* BIO 1001R, BIO 1002R.

**1011R, 1012R Principles of Biology—Lectures.** 3 credits.  
Introduction to the study of living organisms, including such areas as the structure and function of living things, ecology, role of plants in nature, energy cycles, reproduction, heredity, and evolution. The human organism, including normal and abnormal structure and function.  
*Corequisite:* BIO 1011L, 1012L.

**1011L, 1012L Principles of Biology—Laboratory.** 4 hours.  
2 credits.  
Laboratory work to accompany lectures. Emphasizes scientific methods in biological research. Second semester emphasizes animal structure and function.  
*Laboratory fee:* \$70 per semester.  
*Corequisite:* BIO 1011R-1012R.

**1376R Biochemistry—Lectures.** 3 credits.

**1376L Biochemistry—Laboratory.** 2 credits.

**1405C Research Methods in Biology.** 2 hours of lecture.  
4 hours of lab.  
4 credits.  
Current techniques used in biomedical research. These may include radioisotope, bacteriological, somatic cell, genetic, biochemical, and molecular; use of scientific literature, preparation of research grant proposals, and presentation of experimental results; selected laboratory experiments and library research projects.  
*Laboratory fee:* \$80.  
*Prerequisite:* BIO 1012, two additional biology laboratory courses, and permission of the instructor.

**1405L; 1406L Research Methods in Biology.** 4 hours.  
2 credits.  
Same as 1405C, but without lecture periods.  
*Laboratory fee:* \$80 per semester.

**2206C Invertebrate Zoology.** 2 hours of lecture.  
4 hours of lab.  
4 credits.  
Survey of the invertebrate phyla (excluding protozoa), with emphasis on functional morphology, life cycles, physiology, and current research problems in invertebrates. Laboratory stresses functional morphology, utilizing living and preserved material.  
*Laboratory fee:* \$50.  
*Prerequisite:* BIO 1012.

**2255 Advanced Biophysics.** 3 credits.

**2320C Comparative Anatomy of Vertebrates.** 2 hours of lecture.  
4 hours of lab.  
4 credits.  
The origins, similarities, and differences among vertebrate classes as well as their changing diversity through time. Emphasis on adaptations leading from the aquatic to the terrestrial lifestyle as seen across this chordate subphylum.  
*Laboratory fee.*  
*Prerequisite:* BIO 1012.

**2601C Developmental Biology.** 2 hours of lecture.  
4 hours of lab.  
4 credits.  
Events leading to and proceeding from the fertilization of invertebrate and vertebrate eggs; review of classical and modern experiments uncovering the processes leading to the formation of an integrated organism from a single cell, the zygote.  
*Laboratory fee.*  
*Prerequisite:* BIO 1012.

**3038C Ecology.** 2 hours of lecture.  
4 hours of lab.  
4 credits.  
Classical ecological approaches in light of recent ecological discoveries. An interdisciplinary approach demonstrating the relationships of geological, climatological, and evolutionary principles to ecology. Laboratory work and field trips accompany lectures.  
*Laboratory fee.*  
*Prerequisite:* BIO 1012.

**3135C Cell Structure and Function.** 2 hours of lecture.  
4 hours of lab.  
4 credits.  
Structure, organization, and function of tissues; morphological and histochemical study of protoplasm; cell, tissue, and organ structure. Basic laboratory experience in interpretation of cell and organ structures based on light and electron microscopy and histochemistry. Histological techniques.  
*Laboratory fee.*  
*Prerequisites:* BIO 1012 and CHE 1046.

**3207C Cell Biology.** 2 hours of lecture.  
4 hours of lab.  
4 credits.  
Basic architecture of cells, organelles, and components; dynamics of growth, nutrition, cell cycle, metabolism, and metabolic regulation; specialized cell functions. Laboratory accompanies lectures.  
*Laboratory fee.*  
*Prerequisites:* BIO 1012 and CHE 1046.

**3230C or 3230H Immunology.** 2 hours of lecture.  
4 hours of lab.  
4 credits.  
Basic principles, theories, and current problems in immunology. Emphasis on antigens, haptens, antibodies, antibody specificity, antibody-antigen reactions, and immediate and delayed hypersensitivity, as well as transplant and autoimmune phenomena. The honors version focuses in depth on AIDS and society.  
*Laboratory fee.*  
*Prerequisites:* CHE 1214, and BIO 3207 or 4023R&L and one other intermediate BIO course or permission of the instructor.

**3513C Introductory Genetics.** 2 hours of lecture.  
4 hours of lab.  
4 credits.

Laws of heredity and variation; theory of the gene and gene action; experiments with *Drosophila*, *Neurospora*, and bacteriophage. Laboratory accompanies lectures.  
*Laboratory fee.*  
*Prerequisite: BIO 1012.*

**3521C Molecular Biology.** 2 hours of lecture.  
4 hours of lab.  
4 credits.

Recombinant DNA techniques and applications. Special attention to recently published journal articles. Laboratory accompanies lectures.  
*Laboratory fee.*  
*Prerequisite: BIO 1012.*

**3614R Advanced Genetics—Lectures.** 2 credits.

Mechanisms of sexual recombination; nature of genetic material; the gene as a molecule; gene activity, replication, transcription, translation, protein synthesis; regulation of gene activity.  
*Prerequisite: BIO 3513C or permission of the instructor.*

**3614L Advanced Genetics—Laboratory.** 4 hours.  
2 credits.

Techniques of molecular biology; microbial and viral genetics.  
*Laboratory fee.*  
*Prerequisite or corequisite: BIO 3614R.*

**3679 Evolution.** 2 credits.

Darwinism in historical perspective; the central role of the original theory and its modern version in contemporary biology; the concept's impact on our culture.

**3728C Animal Physiology.** 2 hours of lecture.  
4 hours of lab.  
4 credits.

Physiochemical principles involved in life processes. Lecture and laboratory illustrate these principles in the physiological systems of vertebrates.  
*Laboratory fee.*  
*Prerequisite: BIO 1012.*

**3801R Endocrinology—Lectures.** 2 credits.

Structure and function of endocrine glands, including the nature of hormones and molecular modes of action.  
*Prerequisite: BIO 1012.*

**3801L Endocrinology—Laboratory.** 4 hours.  
2 credits.

Experiments using modern techniques of endocrinological research, including surgery, isotope techniques, and growth studies.  
*Laboratory fee.*  
*Prerequisite or corequisite: BIO 3801R.*

**3830C Introduction to Neurobiology.** 2 hours of lecture.  
4 hours of lab.  
4 credits.

Nerve cells and their organization into complex nervous systems; major concepts in neurobiology, including impulse conduction, synaptic transmission, sensory processing, motor function, and memory.  
*Prerequisite: BIO 1012.*

**3830R Introduction to Neurobiology—Lectures.** 2 credits.

**4023R Microbiology—Lectures.** 2 credits.  
Structure, development, identification, control, and use of micro-organisms.  
*Prerequisites: BIO 1012 and CHE 1045–1046.*  
*Recommended: CHE 1213, 1214.*

**4023L Microbiology—Laboratory.** 4 hours.  
2 credits.

Analytical laboratory procedures and experimental methods of research. Emphasis on interaction of micro-organisms with the environment and hereditary transmission of genetic material.  
*Corequisite: BIO 4023R.*

**4901, 4902 Independent Study.**  
*Meet with the Yeshiva College Academic Dean.*  
*Laboratory fee on an individual basis.*

**4930; 4931 Current Topics in Biology.** 2 credits.

In this seminar, students make presentations on selected subjects from current developments in the fields of microbiology, endocrinology, animal behavior, embryology, ecology, and environmental studies.  
*Prerequisites: BIO 1012 (R&L) and permission of the instructor.*

**4935 or 4935H Science, Society, and Ethics.** 3 credits.

**4934 Biological Aspects of Bioethics.** 2 credits.

Physiological, ecological, and epidemiological bases of decision making in the field of bioethics; definition of death; DNA recombinant research; pesticide use; demographic concerns; abortion; hazardous surgery; human experimentation; organ transplants; social obligation of the scientist; eugenics and euthanasia.  
*Prerequisites: BIO 1012 and two additional BIO courses.*

**4937C or 4937H Advanced Biotechnology.** 6 hours.  
3 credits.

Intensive research laboratory experience in current molecular biology techniques.  
*Laboratory fee.*  
*Prerequisite: permission of the instructor.*

## BUSINESS (BUS)

**4741 through 4743 Business Internship.** 1–3 credits depending on hours devoted.

Supervised work experience that permits students to apply classroom knowledge. Work assignments must be meaningful and must be approved prior to commencing internship. Student's supervisor is required to submit a final evaluation report upon completion of internship. A maximum of 3 internship credits may be applied to the major; 100 hours of internship is equivalent to 1 credit.  
*Prerequisite: junior standing in Sy Syms School.*

## BUSINESS LAW (BLW)

**2021 Legal and Ethical Environment of Business.** 3 credits.

Substantive law and practical issues as they relate to business; ethics of business and Halakhah as they interface with the law and practical business decisions.

**2111 Business Law I.** 3 credits.

Introduction to the legal process; contracts, personal property, bailments, sales, commercial property.

**2112 Business Law II.** 3 credits.

Agency, partnerships, corporations, trusts, estates, credit, secured transactions, bankruptcy.  
*Prerequisite: BLW 2111.*

**BUSINESS & MANAGEMENT***Majors and Minors: Sy Syms School*

Students majoring or minoring in Business & Management may select one of four concentrations: Finance, Management, Information Systems, or Marketing. The Business Core is required for each major concentration.

Business Core (12 courses; 36 credits): ACC 1001, 1002; BLW 2021; ECO 1011, 1021, 1221; FIN 1001; INF 1020; MAN 1020; MAR 1001; STB 1131, 1456 or 1601.

*Minor: Yeshiva College*

Eighteen (18) credits chosen from ACC 1001, 1002; FIN 1001; INF 1020; MAN 1020; MAR 1001; and two Business electives.

**CHEMISTRY (CHE)***Major: Yeshiva College*

CHE 1045-1046 (Lecture and Laboratory); CHE 1122; CHE 1213, 1214 (Lecture and Laboratory); CHE 1415, 1416; CHE 1937 or 1938; MAT 1412, 1413; PHY 1031, 1032 or 1041, 1042 (Lecture and Laboratory); and one additional CHE course.

*Minor: Yeshiva College*

CHE 1045, 1046 (Lecture and Laboratory); CHE 1122 or 1415; CHE 1213, 1214 (Lecture and Laboratory); and one additional CHE course.

**1023R Science of Chemistry:  
Everyday Life—Lectures. 2 credits.**

**1023L Science of Chemistry:  
Everyday Life—Laboratory. 1 credit.**

**1024R Science of Chemistry:  
Global Issues—Lectures. 2 credits.**

**1024L Science of Chemistry:  
Global Issues—Laboratory. 1 credit.**

**1025C or 1025H  
Man and the Environment. 3 credits.**

For non-science majors. Introduction to the basic chemical principles that apply to the science and technology of the environment. Understanding of familiar everyday occurrences in the world based on fundamental concepts developed over centuries by straightforward observation and experimentation. Laboratory exposes students to chemical methods commonly used to analyze components in air, water, and soil; effects of components; and methods used in the removal of components considered pollutants. Not open to students who have had some college chemistry.

**1045R, 1046R General Chemistry—  
Lectures. 4 hours.  
3 credits.**

Atomic structure and stoichiometry; properties of gases, liquids and solids; thermochemistry; introduction to the quantum concept; electronic structure of atoms; the periodic table and periodic properties; chemical bonding; Lewis structure, VSEPR theory, and introduction to MO theory; properties of solutions; thermodynamics; chemical equilibria including acid-base and solubility; chemical kinetics; nuclear chemistry; electrochemistry; chemistry of the environment. One of the lecture periods is a recitation.

*Corequisite: CHE 1045L, 1046L.*

**1045L, 1046L General  
Chemistry—Laboratory. 5 hours.  
2 credits.**

Laboratory experiments are designed and scheduled to complement lecture topics, and enhance students' understanding of the principles introduced. Emphasis on quantitative techniques. Second semester includes semimicro qualitative analysis.  
*Laboratory fee: \$40 per semester.  
Corequisite: CHE 1045R, 1046R.*

**1045H, 1046H Honors General  
Chemistry in Context. 4 hours of lecture.  
5 hours of lab.  
5 credits.**

In-depth contextual honors version of 1045RL, 1046RL.

**1122C Chemical  
Analysis. 2 hours of lecture.  
5 hours of lab.  
4 credits.**

Principles and practice in qualitative and quantitative analysis of chemical substances. Techniques include potentiometry, electrogravimetry, and gas and high-performance liquid chromatography. UV-VIS, FT-IR, and NMR spectroscopy are applied to the chemical analysis of compounds in biological systems.

*Laboratory fee: \$50 per semester.*

*Prerequisite: CHE 1046R&L.*

**1213R, 1214R Organic  
Chemistry—Lectures. 4 hours.  
3 credits.**

The structure, synthesis, properties, and reaction mechanisms of the main classes of organic compounds, including compounds of biological importance.

*Prerequisite: CHE 1045-1046R&L.*

*Corequisite: CHE 1213L, 1214L.*

**1213L, 1214L Organic  
Chemistry—Laboratory. 1 hour of  
lecture.  
4 hours of lab.  
2 credits.**

Emphasizes the acquisition of basic techniques in separation, purification, identification, and preparation of organic compounds.

*Laboratory fee: \$60 per semester.*

*Corequisite: CHE 1213R, 1214R.*

**1233C Synthesis and Characterization  
of Organic and Inorganic Compounds.  
1 hour of lecture.  
5 hours of lab.  
3 credits.**

Advanced preparative techniques; purification and characterization by physical and chemical methods including NMR spectrometry, UV-VIS and FTIR spectrophotometry, gas and high-performance liquid chromatography, and mass spectrometry.

*Laboratory fee: \$75.*

*Prerequisite: CHE 1214.*

**1376R, 1377R Biochemistry—  
Lectures. 3 credits.**

Structure and function of biological molecules, enzyme kinetics, bioenergetics, metabolism, storage and transmission of genetic information, recombinant DNA technology, and selected topics such as membrane transport, hormone action, and muscle contraction.

*Prerequisite: CHE 1214 or permission of the instructor.*



**1377L Biochemistry—  
Laboratory. 4 hours.  
2 credits.**

Illustration of the properties of biochemical substances; design and analysis of experiments; techniques include chromatography, electrophoresis, differential centrifugation, and various types of enzyme assays, including spectrophotometric and radioactive.

*Laboratory fee: \$65.*

*Prerequisite or corequisite: CHE 1376R.*

**1379 Pharmaceutical Chemistry. 3 credits.**

Chemistry and pharmacology of drugs and medicinal agents; drug metabolism pathways; receptor site theories; structure-activity correlation.

*Prerequisite: CHE 1214.*

**1415R, 1416R Physical  
Chemistry—Lectures. 3 credits.**

First semester: thermodynamics, chemical equilibrium, solutions, electrochemistry. Applications to biological and biochemical problems are used to illustrate general principles. Second semester: quantum chemistry; the Schrodinger equation and some simple applications; extension to 3-dimensional systems; H-atom; many electron atoms; structure of molecules; introduction to computational methods (molecular mechanics, ab initio methods); molecular spectroscopy; statistical mechanics; kinetic theory; chemical kinetics.

*Prerequisites: CHE 1046C and MAT 1413 (or higher).*

*Pre- or corequisite: PHY 1041–1042 or 1031–1032.*

**1415L Physical Chemistry—  
Laboratory. 1 hour of lecture.  
5 hours of lab.  
3 credits.**

Measurements and computations. Experiments illustrate theoretical principles and provide basic experience with quantitative physical measurements, including thermochemistry, chemical equilibria, kinetics, electrochemistry, spectrophotometry, and computer interfacing. Applications to biochemical systems.

*Laboratory fee: \$40.*

*Corequisite: CHE 1415R.*

**1607 Inorganic  
and Structural Chemistry. 3 credits.**

Chemical structure and bonding, ligand field theory and crystal field theory, coordination compounds, organometallic chemistry, reaction mechanisms, synthesis.

*Prerequisites: CHE 1046 and MAT 1413.*

**1611 or 1611H Molecular Structure  
and Dynamics. 3 credits.**

Computational tools used to study the 3-dimensional shapes of molecules, and how these 3-dimensional shapes relate to observed properties. Readings and hands-on projects.

**1930 Selected Topics. 2 credits.**

Seminar in current problems and literature in chemistry, for seniors majoring in chemistry and selected juniors. Assigned topics, regular conferences, and a report.

*Prerequisite: permission of the instructor.*

**1937, 1938 Seminar in  
Advanced Chemistry. 1 credit.**

Seminar meeting two hours every two weeks. Topics in all fields of chemistry.

*Prerequisite or corequisite: CHE 1213 or permission of the instructor.*

**4901, 4902 Independent Study.**

*Meet with the Yeshiva College Academic Dean.*

*Laboratory fee on an individual basis.*

**CLASSICAL LANGUAGES (CLA)**

*Major: Yeshiva College*

Latin, two years (not including 1101–1102); Greek, two years; also such additional courses, not exceeding 15 credits, as may be prescribed by the department advisor for the individual student. Department advisor: Dr. L. Feldman.

*Minor: Yeshiva College*

Eighteen (18) credits in Latin or 18 credits in Greek or 24 credits in Latin and Greek.

**4405H Ancient Jewish and Pagan  
Intellectuals on the Bible. 3 credits.**

How Jewish intellectuals, notably Philo and Josephus, who were well-versed in Greek literature and philosophy, viewed pagans in general, how they dealt with pagan concepts, and how they viewed the possibility of synthesizing pagan ideas with Judaism.

**Greek (GRE)**

**1101–1102 Elementary Greek. 3 credits.**

Emphasis on understanding Greek literature in the original, with grammar employed only as a means to that end. First semester: systematic survey of the language and reading of simple sentences taken from Greek literature; second semester: continuation of the language survey, with reading of Plato's *Apology* and *Crito*.

**1231; 1232 Homer and Drama. 3 credits.**

First semester: selections from Homer's *Iliad* or *Odyssey*; second semester: one play of Aeschylus and one of Sophocles.

*Prerequisite: GRE 1101–1102 or equivalent.*

**1373 or 1373H Greek Myths  
and Their Influence. 3 credits.**

Introductory survey course. Examines the major Greek myths pertaining to creation, the flood, Prometheus, the Olympian gods and goddesses (notably Athena, Aphrodite, Apollo, Hermes, Dionysus, and Demeter), and the major heroes (notably Heracles and Odysseus). Covers their origins, the cults and festivals connected with them; the light cast upon them by archaeology; the ties linking the myths to one another; and their versions in Homer, Hesiod, the Greek tragedies, and Ovid's *Metamorphoses*; as well as their modern adaptations in literature. No knowledge of Greek is required.

**2201; 2202; 2203; 2204  
Advanced Greek. 3 credits.**

Content, from among the following, varies with needs and interests of class: Hesiod's *Theogony* and *Works and Days*; elegiac, iambic, and lyric poetry (Callinus, Tyrtaeus, Mimnermus, Solon, Xenophanes, Archilochus, Alcaeus, Sappho, Anacreon, Simonides); Pinar's odes; Aristophanes' comedies; Horodotus's *History of the Persian War*; Thucydides' *Peloponnesian War*; Lysias's orations; Demosthenes' orations; Plato's *Republic*; and Aristotle's *Nicomachean Ethics*. May be taken for two or more successive years.

*Prerequisite: GRE 1231, 1232 or equivalent.*

**Latin (LAT)**

**1101–1102 Elementary Latin. 3 credits.**

First semester: systematic survey of the language and reading of simple sentences taken from Latin literature; second semester: continuation of the language survey, readings from Nepos, Cicero, Catullus, Horace, Pliny the Younger, Martial, Phaedrus, and in medieval Latin.

**1231;1232 Intermediate Latin. 3 credits.**

First semester: readings from Cicero's greatest speeches, philosophical works, and letters; various other famous writers, such as the historians Sallust, Livy, Tacitus, and Ammianus Marcellinus; Pliny the Younger's letters; the biographers Nepos and Suetonius; Cato the Elder on agriculture; Celsus on medicine; Seneca's philosophical works; Petronius's satire; Apuleius's *Metamorphoses*; inscriptions; and Ovid's account of mythology. Second semester: selections from the *Aeneid*, with emphasis on its poetic qualities and on Virgil's status and influence.

*Prerequisite:* two years of high school Latin or LAT 1101-1102.

**2201; 2202; 2203; 2204  
Advanced Latin. 3 credits.**

Content, chosen from among the following, varies with the needs and interests of the class: Plautus's and Terence's comedies, Cicero's philosophical works, Lucretius's *On the Nature of Things*, Catullus's poems, Livy's history of Rome, Ovid's *Metamorphoses*, Seneca's philosophical works, Martial's epigrams, Petronius's *Satyricon*, Juvenal's satires, Tacitus's historical works, Suetonius's biographies of the Roman emperors. May be taken for two or more successive years.

*Prerequisite:* LAT 1231; 1232 or equivalent.

**4901;4902 Independent Study.**

Meet with the Yeshiva College Academic Dean.

**COMPUTER SCIENCES (COM)****Major: Yeshiva College**

COM 1300, 1320, 1504, 1621, 2113, 2545, 2108, 3640, and 6 credits in advanced electives chosen with the approval of the discipline advisor; MAT 1412, 1413, 2105. Recommended: PHY 1041-1042R&L, 1724. Note also the Computer Track of the Mathematics major.

**Minor: Yeshiva College**

COM 1300, 1320, 1504, 2545, and 3 additional credits in COM electives approved by the discipline advisor; MAT 1412, 1413. COM 2545 is a prerequisite for AE (advanced electives).

**1107C Computers, Change,  
and Chance. 2 hours of lecture.  
3 hours of lab.  
3 credits.**

Satisfies the quantitative skills requirement of Yeshiva College. The elements of computer programming, with application to topics such as population growth and random behavior.

**1115C Introduction to  
Computer Applications  
and Programming. 3 hours of lecture.  
2 hours of lab.  
3 credits.**

Windows operating system, basic concepts, and techniques of an office productivity suite; Microsoft OFFICE Professional; fundamentals of problem solving using computers; Visual Basic for Applications as a basis for extending and customizing the basic applications; extending Workgroup computing to the Internet.

**1300 Introduction to  
Computer Science and  
Programming. 3 hours of lecture.  
2 hours of lab.  
4 credits.**

Components of a computer system; machine, assembly, and high-level languages; numerical systems and coding; representation of data and instructions; data types, constants, variables; arithmetic expressions; logical expressions; assignment statement; sequencing, alteration, and iteration; arrays, subprograms, and parameters; simple I/O; techniques of problem solving; flowcharting; stepwise refinement; simple numerical examples; basic search and sort algorithms. Principles of good programming style, expression, and documentation; control flow; invariant relation of a loop; stepwise refinement of statements and data structures or top-down programming.

**1320 Data Structures. 3 hours of lecture.  
2 hours of lab.  
4 credits.**

String processing, concatenation, substrings, matching, internal searching and sorting, recursion, linked lists and linear allocation (stacks, queues, deques). Elementary data structures, file structures and algorithms, searching and sorting, trees and algorithms for their manipulation, notions of algorithm complexity, memory and data management systems.

*Prerequisite:* COM 1300.

**1504 Discrete Structures.  
3 hours of lecture.  
2 hours of lab.  
4 credits.**

Topics from the foundations of computer science: lists, sets, functions, and relations; combinatorics and probability; finite state machines and regular expressions; trees and tree transversals; context-free grammars; graph theory and algorithms; Boolean algebra and logic; gates and circuits.

**1621 Theory of Computation. 3 credits.**

Deterministic and nondeterministic finite state automata; regular grammars and regular expressions; languages generated by regular expressions; equivalence of regular expressions and finite automata; solvable problems concerning finite automata; context-free grammars; languages generated by context-free grammars; derivation trees; simplification of context-free grammars; push-down automata; properties of context-free languages; solvable and unsolvable problems concerning context-free languages; Turing machine model; Universal Turing machine; Halting problem; additional examples of solvable and unsolvable problems about Turing machines, grammars, and sets.

*Prerequisite:* COM 1504.

**1622 Formal Languages. 3 credits. AE**

Formal grammars; Chomsky hierarchy; deterministic and nondeterministic models of finite automata, push-down and linear-bounded automata, and Turing machines; relationship between formal languages and automata; decision problems; closure properties; solvable and unsolvable problems; applications to parsing.

**1821 Computability. 3 credits. AE**

Functions computable by problems; simulation and diagonalization; Godel numbering and unsolvability results; Halting problem; Post's correspondence problem; recursion theorem; Ackerman's function; abstract complexity and the speed-up theorem; Turing and Norman systems.

**2101C Introduction to Computer Organization. 2 hours of lecture.****3 hours of lab. 3 credits.**

Representation of both data and control information by digital signals; logical devices for processing (gates) and storing (flip-flops) information; description by truth tables, Boolean functions, and timing diagrams; analysis and synthesis of combinatorial networks of gates; parallel and serial registers; simple synchronous control mechanisms; data and address bases; addressing and accessing methods; memory segmentation; methods of timing pulse generation; common coding schemes; encoders, decoders, converters; memory, control, processing, and I/O units. Coordinated laboratory work in digital logic.

*Laboratory fee: \$35.**Prerequisite: COM 1300.***2113 Computer Organization and Assembly Language. 4 credits.**

Basic logic functions. Synthesis of more complex combinatorial circuits. Electronic implementation of these functions. Simple synchronous circuits. Major components of a computer. Machine and assembly language instruction set. Implementation of the instruction set electronic circuits. Circuits needed to perform arithmetic operations. Memory and I/O implementation.

*Prerequisite: COM 1300.***2117 Hardware Theory. 3 credits.**

Arithmetic unit design, number systems, and codes; logic circuits; control unit; realization of parallel process in hardware; multiprocessing; distributed computing and fault-tolerant design; vector machines; gate networks; minimization of combinatorial switching circuits; symmetric networks, threshold networks, sequential networks; memory; interrupts, and locks; microcomputer design.

*Prerequisite: COM 1300.***2146C Minicomputer and Microcomputer Systems.****1 hour of lecture. 3 hours of lab. 3 credits.**

Real-time programming on a dedicated computer. Microprocessors, data communication protocol, packet switching.

*Laboratory fee: \$50.**Prerequisite: COM 2101 or permission of the instructor.***2512. Networking and Communication. 3 credits. AE**

Fundamentals of networking and communications; network concepts, hardware, software and programming. Data communications, wide and local area networks; communications architecture and protocols; network programming in C/C++ and JAVA.

**2545 Algorithms. 4 credits.**

Trees (review). Advanced trees. Searching on internal and external structures. Graph algorithms. Hashing. Techniques of algorithm analysis and design. String Processing. Data protection and cryptology (optional). Random numbers (optional). Memory management. Selected algorithms (heaps, disjoint sets, parallel computer, computational geometry).

*Prerequisite: COM 1320.***3511 Algorithmic Processes. 3 credits. AE**

Design of algorithms and applications of data structure permutations, polynomials, derivations, matrices, sorting, discrete simulation; list marking, garbage collection, analysis of algorithms; space and time efficiency; comparison of sorting techniques; discrete Fourier Transform; pattern matching; computational models, Turing machines, complex hierarchies.

**3563 Data-Base Systems. 3 credits. AE**

Goals of DBMS, including data independence, relationships, logical and physical organization, schema and subschema; hierarchical, network, and relational modes; examples of implementation of various models; first, second, and third normal forms of data relations; canonical schema; data independence; data description languages: forms, applications, examples, design strategies; query facilities: relational algebra, calculus, data structures for establishing relations; query functions; file organization; index organization; file security; data integrity and reliability.

*Laboratory fee: \$50.**Prerequisite: COM 2545; 3610C.***3610 Introduction to Operating Systems and Computer Architecture. 3 credits.**

Review of instruction sets. I/O and interrupts, addressing schemes, microprogramming; dynamic procedure activation; dynamic storage allocation; design methodology, monitors, kernels, networks of operating system modules; elementary queuing; memory management: virtual memory, paging, segmentation; memory protection; multiprogramming.

*Laboratory fee: \$50.**Prerequisite: COM 2113; 1320.***3640 Programming Languages. 3 credits.**

Formal language concepts, including basic characteristics of syntax and grammars; regular, context-free, and ambiguous grammars; constructs for specifying and manipulating data types; language features affecting static and dynamic storage management; control structures and data flow; subroutines, procedures, block structures, interrupts, decision tables, recursion; relationship with good programming style; run-time considerations; interpretative languages, lexical analysis and parsing.

*Prerequisite: COM 1320.***3645 Compiler Theory. 3 credits. AE**

Grammars, languages, and their syntax and semantics; parsing and ambiguity; scanners; implementation of symbol tables; parsers; major parsing algorithms; techniques for machine-independent code generation; code optimization; syntax-directed translation schema.

**3760 Artificial Intelligence. 3 credits. AE**

Heuristic vs. algorithmic methods, cognitive processes, investigation of methods of making machines behave intelligently, problem solving, theorem proving, game playing, pattern recognition, question answering, learning self-organization, methods of programming such procedures, data structures and program organization, the mind-brain problem; and the nature of intelligence.

**3764 Expert Systems. 3 credits. AE**

Introduction to expert systems; components of an ideal expert system: knowledge base, rules, interpreter; secondary components: justifier, scheduler, consistency enforcer, blackboard; search space size, exhaustive search, single line of reasoning, hierarchical, generate, and test; combining evidence from multiple sources; utilizing metaknowledge; metarules and their source; detecting simple errors in rules; justification of rules; expert system tools: EMYCIN, OPS5, HEARSAY—III.

**3772 Computer Graphics. 3 credits.**  
Software, hardware, and mathematical tools for the representation, manipulation, and display of topological and 2- and 3-dimensional objects; display devices; problems and objectives of computer graphics; point, vector, curve, and character generation; interactive vs. passive graphics; graphics data structures, graphics packages and graphics languages; 2-dimensional graphics: generation, transformation, window clipping, segmented display files and display procedures; interactive graphics: input devices, input techniques, event handling, and input functions; raster graphics fundamentals; 3-dimensional graphics: hidden-line problems, windowing, transformations, perspective projections, and shading.

**3905; 3906; 3907; 3908; 3909  
Individual and Group Projects.  
1-3 credits per semester.**

Faculty and students choose from among a number of term projects.  
*Laboratory fee: \$50 per semester.*  
*Prerequisite: 21 credits in COM courses or senior status.*

**4541 Numerical Analysis. 3 credits. AE**  
Arithmetic and precision; finite difference calculus; interpolation; approximation; numerical integration and differentiation; solution of nonlinear equations, differential equations; linear systems of equations; iterative methods; computation of eigenvalues and eigenvectors.  
*Prerequisite: MAT 1413.*

**4901, 4902 Independent Study.**  
*Meet with the Yeshiva College Academic Dean.*

## ECONOMICS (ECO)

*Major: Yeshiva College*  
ECO 1011, 1021, 1101, 1201 (or 1221); STA 1021; 18 additional credits in ECO courses. FIN 1408 and up to 6 additional credits in courses in the Sy Syms School may count toward the major. Courses in management information systems do not count toward the economics major. Students planning graduate study in economics are advised to take ECO 1421 and MAT 1412, 1413.

*Minor: Yeshiva College*  
Eighteen (18) credits including ECO 1011, 1021.

Please note that the Introductory courses (ECO 1011 and 1021) and Money and Banking (ECO 1221) are offered every semester. Intermediate Microeconomics (ECO 1101) is offered only once a year in the fall semester. Intermediate Macroeconomics (ECO 1201) is offered only once a year in the spring semester. Generally, other electives are offered at most once a year on a rotational basis. Check with the Department of Economics for the courses planned over the next year.

**1011 or 1011 H Introductory  
Macroeconomics. 3 credits.**  
Introduction to the role of the price system in various economic systems; rudiments of supply and demand, theory and applications; role of government in the modern capitalist economy; national income, accounting and theory; monetary and fiscal policy; public debt; inflation, unemployment.

**1021 or 1021 H Introductory  
Microeconomics. 3 credits.**  
Elementary theory of demand and the firm; consumer behavior; market structure, input theory, distribution of income, government regulations, theory and policy; theory of international trade.

**1101 Intermediate  
Microeconomics. 3 credits.**  
Theory of elasticity; indifference curves and applications; cost of production; output markets; externalities; input markets; linear programming; optimization theory with use of calculus.  
*Prerequisite: ECO 1021.*

**1170 Contemporary  
Microeconomic Issues. 3 credits.**  
Use of economic tools to explore issues of public policy and private decision making. Topics vary by term but may include uncertainty and information in economics, crime, government regulation of business, education, charity, immigration, contracts, discrimination, medical care, transportation, congestion, geographic location, income distribution.  
*Prerequisite: ECO 1021.*

**1201 Intermediate  
Macroeconomics. 3 credits.**  
National income accounting; national income determination models; consumption functions; investment theory; business cycle theory; stabilization policy; LM-IS-BP analysis; aggregate demand and aggregate supply analysis; economic growth and development theories.  
*Prerequisite: ECO 1011.*

**1221 Money and Banking. 3 credits.**  
Nature of money; organization and functioning of the commercial banking system; description of financial markets and financial institutions; hedging mechanisms, yield curves, Federal Reserve System and financial intermediaries; national income determination models; monetarist-fiscalist debate; LM-IS-BP analysis; role of money in international finance.  
*Prerequisite: ECO 1011.*

**1301 History of  
Economic Thought. 3 credits.**  
Ancient and medieval economic thought; mercantilists and physiocrats; classical and neoclassical schools; institutional school; Keynesian economics.  
*Prerequisite: ECO 1021.*

**1421 Econometrics. 3 credits.**  
The application of regression techniques to the problem of testing and forecasting in economics. The two-variable regression model is fully developed; analysis is extended to consider the multivariate model, functional form issues, dummy variables, and distribution lag models. Covers problems associated with autocorrelation; system models.  
*Prerequisite: ECO 1011, STA 1021.*

**1501 Public Finance. 3 credits.**  
Social balance, personal and corporate income taxes; sales and property taxes; current economic thought on taxation and public debt, expenditure analysis, energy, transportation, housing, education, pollution control, poverty, and quotas; externalities, public goods, public choice.  
*Prerequisite: ECO 1011, 1021.*

**1701 International Economics. 3 credits.**  
The theory of international trade, international finance, commercial policy, balance of payments, the foreign exchange market, competitiveness in the global economy, international macroeconomics, and foreign direct investment. Emphasis is placed on the determinants and effects of international linkages, including the roles of consumers, firms, and government policies, in the context of the international economic environment.  
*Prerequisite: ECO 1011, 1021.*

**2005 Economics of the Law. 3 credits.**  
The relationship of legal institutions and laws to economic efficiency and social goals, such as justice; economics of property rights, environmental control, administrative processes, contracts, and liability; public utility and antitrust regulation; individual rights and discrimination.  
*Prerequisite: ECO 1011.*

**2201 Labor Economics. 3 credits.**  
Labor's place in the American economy; factors affecting supply and demand for labor; wage determination; unionism as a response to labor problems; industrial relations; public policy toward labor.  
*Prerequisite: ECO 1021.*

**(2330 Economics of Energy)**

**2401 Industrial Organization. 3 credits.**  
The application of microeconomic theory to industrial markets. Considers such areas as structure of the American economy, motivation of the firm, identification and measurement of monopoly power, oligopolistic behavior, patents, concentration, and government regulation.  
*Prerequisite: ECO 1011, 1021.*

**2531 Health Economics. 3 credits.**  
Application of economic tools and concepts to the analysis of the health care field. Effects of health care on health, hospital behavior, health work-force supply, demand for health care. Role of demographic changes in health care system. Methodology employed by economists to determine the economic losses suffered in cases involving death and disability. Emphasis on the United States and its current situation. Comparison with other countries.  
*Prerequisite: ECO 1011, 1021.*

**2701 Managerial Economics. 3 credits.**  
Analysis of the firm's decisions regarding prices, output and input, advertising, etc., under various market conditions; applications to production, financial, and marketing operations. Attention given to the formulation of economic models to analyze management problems.  
*Prerequisite: ECO 1011, 1021.*

**3005 or 3005H Forensic Economics.**

**3006 or 3006 H Economics and Ethical Issues. 3 credits.**  
Comparison of the economic efficiency and Jewish law approaches to business ethics; advertising and promotional activities; business pricing policies; labor relations; government regulation of the economy; social welfare; speculation.

**3501 Economics of the Middle East. 3 credits.**  
Economic growth of Israel until the Yom Kippur War; stagnancy and inflation since 1974; new economic policies since 1985; Middle East oil, OPEC, and the economies of Saudi Arabia, Egypt, Jordan, and Syria.  
*Prerequisite: ECO 1011.*

**(3511 The Economy of Israel.)**

**3601 or 3601H Economic Perspectives. 3 credits.**  
Topics are based mainly on symposium themes of the Journal of Economic Perspectives and reflect the most recent work, but may include the following: fiscal policy, revision of LM-IS analysis, advanced consumption theory, regulation of the stock market and hedge funds, organizations and economics, economics and electronic commerce, the economics of higher Education, health-care reform, state vs. private ownership.

**4901, 4902 Independent Study.**  
*Meet with the Yeshiva College Academic Dean.*

**ENGLISH (ENG)**

*Major: Yeshiva College*  
ENG 2003; 2004; eight additional courses in English (24 additional credits minimum), six of which must be taken in residence. At least two of these courses must focus on pre-1800 literature, two on post-1800 literature, and two on a particular author, genre, or theme. The same course may fulfill more than one of these categories. At most one writing course may count toward the major and at most one of the following: 4051, 4052, 4201, or 4202.

*Minor: Yeshiva College*  
English Literature Track—English 2003; 2004 and 12 additional ENG literature credits. All courses in the minor must be taken in residence.

*Writing Track*  
ENG 1101, 1102 and 12 additional credits in more advanced writing courses.  
Note: ENG 1101–1102 is a prerequisite for all higher-numbered ENG courses. At Yeshiva College, one semester of ENG 2003, 2004, 4201, or 4202 is a prerequisite for all higher-numbered ENG courses. Any exception must be approved by the instructor.

**0001 Developmental English. No credit.**

**0011, 0012, 0013 English as a Second Language (ESL). 3 hours. 1 credit.**

Written and spoken English, including examination of the nature of the language. First-semester students who are not native speakers must take a placement examination to enter ENG 1101; otherwise, they are placed into one of the three levels of ESL. Each ESL student advances through these levels until he is ready to begin ENG 1101.

**0011 English as a Second Language (ESL)–Intensive. 10 hours. 3 credits.**

**1101–1102 Composition and Rhetoric. 2 hours plus conferences. 2 credits.**

English 1101: Learning how to write a well-developed and coherent essay, organized around a clear central idea, showing mastery of sentence and paragraph structures as well as standard grammar, syntax, spelling, and punctuation. A minimum of four to six essays (3,000 words), with revisions, is required.

English 1102: Developing critical and analytical skills and rhetorical strategies for effectively defending a thesis and persuading an audience. The course requires an analytical research paper (1,500–2,000 words) with formal documentation, as well as a minimum of three or four additional essays (2,500 words), with revisions.

**Writing Workshops**

Each workshop progresses from formal, technical exercises to original compositions. Criticism of work in progress and completed, group analysis, written recommendations, personal conferences. Students improve their basic writing skills and develop their creative talents.  
*Prerequisite: ENG 1101–1102.*

**1311 Technical Writing and Editing. 3 credits.**  
**1324 Business Writing. 3 credits.**  
**1326 Writing Copy for Marketing and Direct Advertising. 3 credits.**  
**1407 Expository Writing. 3 credits.**  
**1601 Print Journalism. 3 credits.**  
**1641 Broadcast Journalism. 3 credits.**  
**1721; 1722; 1723; 1724 Creative Writing. 3 credits.**  
**1743 or 1743H Creative Fiction Writing. 3 credits.**  
**1822 Writing Fiction. 3 credits.**  
**1832 Writing Poetry. 3 credits.**

**1931H, 1932H Freshman Honors Seminar. 3 credits.**

Reading literary and other texts: fiction, non-fiction, poetry, and drama. Writing critical and analytic essays, with emphasis on revision. 1932H requires an analytical research paper with formal documentation. Open only to students admitted to the Jay and Jeanie Schottenstein Honors Program.

**2001 Interpretation of Literature. 3 credits.**

An introduction to literature and to different models of literary analysis. Acts of interpretation are central objects of study, and one of the course's aims is to make students aware that all reading always involves a particular interpretive choice. Although individual instructors choose the texts they teach, the guidelines that apply to all sections are 1) that the texts range across a variety of genres (poetry, prose, and drama), 2) that the syllabus consists of British, American, and non-Western texts, and 3) that at least two historical periods are represented. This course may serve as an alternative to the literature survey courses in fulfilling the first semester of the college literature requirement.

**2003 or 2003H; 2004 or 2004H Survey of English Literature. 3 credits.**

History of English literature from its beginnings through the 20th century, focusing on masterpieces illustrating the various literary periods. First semester: Anglo-Saxon times through Milton; second semester: late 17th through 20th centuries.

**2315 Chaucer. 3 credits.**

Major works, with emphasis on *The Canterbury Tales*.

**2316 Medieval Literature in Modern English. 3 credits.**

Medieval English and continental masterpieces in modern English translation. Works in various genres (romance, lyric, allegory, saga, epic) illuminate intellectual, social, and literary conventions, such as courtly love, chivalry, the heroic ideal, Arthurian traditions, and the quest for salvation. Special topics may be chosen each semester.

**2318 or 2318H The World of King Arthur. 3 credits.**

A broad, chronological survey of the Arthurian literary tradition, focusing on the resources of the World Wide Web. The course concentrates largely on medieval texts (Latin, Welsh, and English chronicle materials; English and French romances) but includes some 19th- and 20th-century Arthurian poetry and fiction. All works are read in Modern English translation. Course requirements include midterm and final hypermedia projects.

**2323 Elizabethan and Jacobean Poetry and Prose. 3 credits.**

More, Sidney, Spenser, Shakespeare, Jonson, and Donne.

**2331; 2332 Shakespeare I; II. 3 credits.**

First semester: histories and comedies; second semester: tragedies, problem plays, and romances. Consideration of the plays in the contexts of Renaissance and modern theatrical and dramatic conventions.

**2346 Milton and Seventeenth-Century Literature. 3 credits.**

Studies in the works of Milton and other authors.

**2356 English Literature in the Eighteenth Century. 3 credits.**

Studies in the works of Pope, Swift, Jonson, Blake, and other authors.

**2360 The Enlightenment. 3 credits.**

Continental and English masterpieces by writers and thinkers of the 17th and 18th centuries.

**2400 The Romantic Vision. 3 credits.**

Characteristic, influential, and significant works by British and continental authors, with a view to understanding some of the major interests, concerns, and attitudes prevalent in the Romantic period.

**2410 or 2410H The Victorian Web. 3 credits.**

Major writers—such as Carlyle, Macaulay, Dickens, Mill, Newman, Browning, Arnold, Tennyson, Huxley, Ruskin, Hopkins, and Pater—in relation to the intellectual, social, and cultural milieu.

**2611; 2612 American Literature I; II. 3 credits.**

Development of American literature. First semester: through 1870; second semester: since 1870.

**2861 or 2861H; 2862 or 2862H Major Authors. 3 credits.**

Works by a maximum of four major authors, usually English, American, or both. May be repeated, since the subject matter varies from term to term.

**2910 American Autobiography. 3 credits.**

Diverse forms of personal narratives in the United States from the 16th century to the present; emphasis on the changing needs that writing autobiography has served over this period, and the variety of forms that writers' life stories have taken.

**2911 Literature and Culture of the American City. 3 credits.**

How writers have responded to intensifying urbanization in the United States, largely since the end of the 19th century, and the role of literature in defining a distinctly "urban" culture or consciousness during this period. Fulfills the core requirement for the minor in American Studies.

**2912 American Literature and Culture 1876–1918. 3 credits.**

The dramatic cultural transitions—particularly those accompanying urbanization, industrialization, and immigration—that shaped writing and society in the United States from the decade following the Civil War through the end of World War I. Fulfills the core requirement for the minor in American Studies.

**2913 American Literature and Culture 1919–41. 3 credits.**

Literature's response to cultural events between the two world wars, especially the rise of middle-class consumer culture and conservative social values during the 1920s, and the crisis of confidence and effort to restore order during the Depression. Fulfills the core requirement for the minor in American Studies.

**2914 Literature and Culture of Rural America. 3 credits.**

Examines, in its historical context, literature—as well as film, music, art, and material culture—that deals with life on farms and in small towns across the United States since the 19th century. Probes the conflicts and tensions that surround rural ideals in an increasingly urban United States and the ways in which rural America has come to stand for national values.

**2915 or 2915H Chicago and New York at the Turn of the Twentieth Century. 3 credits.**

Focuses on Chicago and New York at the pivotal moment when urbanization was profoundly altering U.S. cultural life. Particularly concerned with conflicts over "American" values in U.S. urban life, and with the role of literature in the development of a distinctly "urban" culture and consciousness.

**2961; 2962 Contemporary Literature. 3 credits.**

Fiction, poetry, drama, or nonfiction prose by contemporary authors, usually English, American, or both. May be repeated, since the subject matter varies from term to term.

- 3189 Comedy and Satire. 3 credits.**  
Theories of and studies in comedy and satire, from their classical roots through the present. Authors may include Aristophanes, Terence, Boccaccio, Rabelais, and Moliere.
- 3208 The Art of Fiction. 3 credits.**  
How great writers of fiction shape their audiences' responses through traditional and experimental strategies.
- 3237 Great Short Fiction. 3 credits.**  
Survey of outstanding short novels or long short stories by European and American writers.
- 3315; 3316 The English Novel. 3 credits.**  
The development of the novel genre through selected English novels. First semester: Defoe, Richardson, the sentimental and gothic novels, Austen, the Brontes, Dickens; second semester: Eliot, Hardy, Conrad, Joyce, Woolf, and others.
- 3342 Modern American Fiction. 3 credits.**  
Novels and short stories by American writers since World War I.
- 3376 Classic Modern Novels. 3 credits.**  
Intensive study of five landmark novels, some in translation, by authors who have explored new territory in modern fiction.
- 3408 The Art of Drama. 3 credits.**  
Theatrical conventions and techniques to clarify how dramatists convey meaning and hold an audience; intensive examination of selected American, English, and Continental plays.
- 3411 Tragedy. 3 credits.**  
Selected works from different periods and cultures. Emphasis on understanding the forms of tragic drama and the nature of the tragic vision of life.
- 3424 Renaissance Drama. 3 credits.**  
Renaissance plays by authors other than Shakespeare.
- 3426 Great Drama from Dryden through Ibsen. 3 credits.**  
Restoration drama through early modern experiments with realism and symbolism.
- 3461 Modern Drama from Ibsen to the Present. 3 credits.**  
European, British, and American dramatists such as Ibsen, Strindberg, Chekhov, Shaw, Pirandello, O'Neill, Beckett, Ionesco, Williams, Miller.
- 3622 or 3622H Jewish New York. 3 credits.**  
Uses an interdisciplinary approach to explore key arenas of community, tension, and change within developing Jewish cultures in New York City since the end of the 19th century: work and worship on the Lower East Side; political, economic, and ethnic conflict; suburbanization; and the legacy of the Holocaust.
- 3717 The Art of Poetry. 3 credits.**  
Poetic techniques and meanings through intensive examination of selected works.
- 3742 Modern Poetry. 3 credits.**  
Nineteenth-century roots of modern masterpieces (Eliot, Pound, Frost, Yeats); contemporary poets.
- 4051, 4052 Introduction to Linguistics. 3 credits.**  
How scientific procedures are applied to discover the structure of languages. Provides a body of factual knowledge about the languages of the world, their diversity, what features they have in common, and the relationships among them.
- 4055 or 4055H Linguistics Research Seminar. 3 credits.**
- 4061, 4062 History of the English Language. 3 credits.**
- 4081 Classic Literary Criticism and Theory. 3 credits.**  
Plato through the 19th century; exploration of fundamental questions: What is literary art? What value does it have? How does it work? How is it understood and judged? Analysis of works selected for relevance.
- 4086 Modern Criticism and Theory. 3 credits.**  
How particular modern and contemporary theories can help readers understand particular works, the nature of literature, and the process of interpretation.
- 4201; 4202 Masterpieces of World Literature. 3 credits.**  
Survey of monuments of literary, historical, and philosophical imagination in the West; emphasis on close reading of texts and on classroom discussion rather than lectures. First semester: classical antiquity; second semester: postclassical antiquity to modern times. Authors include Homer, Sophocles, Plato, Virgil (4201); Augustine, Dante, Machiavelli, Cervantes, Galileo (4202).
- 4411 Literature and Social Change. 3 credits.**  
Literary explorations with an historical or sociological slant. May focus on one of the following topics: literature and war, literature and revolution, literature of the underclass, the immigrant experience in America.
- 4421 Literature and Psychology. 3 credits.**  
Relations between systems of psychology and literary works, from the Greeks through the dominant modern systems of Freud, Jung, and Laing.
- 4471 Literature and Art. 3 credits.**  
Analysis of parallels in literary and artistic styles from classical Greek to contemporary examples. Periods under discussion vary at the instructor's discretion.
- 4519 American Jewish Literature. 3 credits.**  
Literature written by Jews in the United States since 1900. Focuses on how these texts deal with the experiences of immigration and suburbanization, conflicts between tradition and modernity, and the legacy of the Holocaust. Authors include Cahan, Yezierska, Gold, Singer, Roth, Malamud, Bellow, Ozick, Olsen, and Paley.
- 4551 or 4551H; 4552 or 4552H Topics in Literature. 3 credits.**  
Special topics courses. Courses offered recently under these numbers include "Constructions of Otherness," "From Gutenberg to Ben Franklin: The Impact of the Hand Press," "Contemporary World Fiction," "Gothic Traditions." May be repeated, since the subject matter varies from term to term.
- 4571 Parents and Children. 3 credits.**  
The portrayal in literature of the splendors and miseries of having children; generational conflict; people's changing attitudes, first as young children, then as parents of children and as middle-aged children of aging parents.
- 4901; 4902 Independent Study.**  
*Meet with the Yeshiva College Academic Dean.*

**ENTREPRENEURSHIP (ENT)**

*Minor: Sy Syms School*

Five courses chosen from ENT 2210, 2250, 2251, 2255, 2410, 2415, 2508, 3780, 3786, 3790, 3796, 4930-32.

**2210 Direct Marketing. 3 credits.**  
**(Same as MAR 2210.)**

Selling directly to the consumer or business entity. Examines various aspects of direct marketing such as the use of catalogs, mail order, mailing-list selection, TV, radio, print, and telemarketing. Focuses on the management utilization of direct marketing strategy and implementation.

*Prerequisite: MAR 1001.*

**2250 Internet for Business. 3 credits.**  
**(Same as INF 2250.)**

Exploration of opportunities created by the rapidly expanding Internet, with emphasis on commerce and industry. History and components, World Wide Web, gopher space, ftp, telenet, usenet, e-mail, use and strategies, search engines, web-page design, multimedia, browser, slip/ppp access, software, hardware, and troubleshooting.

*Prerequisite: INF 1020.*

**2251 Advanced Internet for Business. 3 credits.**  
**(Same as INF 2251.)**

Building on material covered in Internet for Business I, this course gives students a more complete understanding of the strategic implications that the Internet has for business in the new Millennium. Covers advanced HTML, techniques for improving web site design and effectiveness, sophisticated web development tools, maximizing the benefits of internal and external search engines, customer-integrated transaction-processing systems, domains and the hosting of web pages, intranets and extranets, on-line databases; an object-oriented approach to design; and the convergence of emerging technologies for use on the Internet.

*Prerequisite: ENT/INF 2250.*

**2255 E-Commerce: Internet Marketing. 3 credits.**  
**(Same as INF 2255; MAR 2255.)**

The practical applications of e-commerce in the marketplace today, including both customer-to-business and intra-business interactions. Associated business models, security and firewalls protocols (authentication, encryption, SSL, X.509, LDAP), electronic payment protocols (SET, e-cash), collaboration/on-line catalogs, and the required network infrastructure (TCP/IP).

*Prerequisite: INF 1020, MAR 1001.*

**2410 Sales Management. 3 credits.**  
**(Same as MAR 2410.)**

A survey of the sales management field and analysis of sales force management. Organizing; staffing and training a sales force; directing sales force operations; sales planning; and evaluating sales performance.

*Prerequisite: MAR 1001.*

**2415 Retail Management. 3 credits.**  
**(Same as MAR 2415.)**

Starting, developing, and growing a retailing organization, from both entrepreneurial and professional managerial perspectives. How retailing enhances the marketing mix, improves the effectiveness of the distribution network, and dynamically evolves in conjunction with environmental factors.

*Prerequisite: MAR 1001.*

**2508 Entrepreneurial Finance. 3 credits.**  
**(Same as FIN 2508.)**

How entrepreneurs secure financing for their business ventures: sources of funding such as investors, venture capital, SBA loans, asset-based financing, lines of credit; creation of business plans and loan proposals; developing cash flow projections; evaluation of loan requests by lender/investors.

*Prerequisite: FIN 1001.*

**3780 Principles of Entrepreneurship. 3 credits.**  
**(Same as MAN 3780.)**

New venture initiation and development; the practical approach to developing and implementing procedures and techniques for starting an enterprise. Class discussions based on readings and case studies.

*Prerequisite: MAN 1020.*

**3786 New Venture Planning. 3 credits.**  
**(Same as MAN 3786.)**

Use of the business plan, the critical element of entrepreneurship, as a guide to the successful operation of a business venture. Students learn the essential ingredients necessary for an effective plan, select and present an enterprise that they are personally interested in, and develop a persuasive written plan that can be used to attract financing, key employees, and mentors.

*Prerequisite: MAN 1020.*

**3790 Managing a Growing Business. 3 credits.**  
**(Same as MAN 3790.)**

Managing and enhancing an ongoing growth business organization, including establishing a management team, satisfying investors, and building loyal customers. Labor employment laws, merger and acquisition strategy, strategy for capital foundation, and business conflicts and resolutions.

*Prerequisite: MAN 1020.*

**3796 Franchising, Licensing, and Distributorships. 3 credits.**  
**(Same as MAN 3796.)**

Essential elements of franchising from the viewpoint of both franchiser and franchisee. Explores the franchising opportunities and their planning and implementation. Discussion of licensing and distributorship as viable business ventures.

*Prerequisite: MAN 1020.*

**4930; 4931; 4932 Seminar: Contemporary Problems in Business. 3 credits.**  
**(Same as MAN 4930; 4931; 4932.)**

Today's business environment requires imaginative leadership to deal with the turbulent global marketplace. Top executives from leading multinational corporations present a general overview and discuss the corporate culture of their organizations, outline the competitive climate in their industries, and share their views of what ingredients are needed to survive in today's fast-changing economic environments.

*Prerequisite: upper-class status or permission of Sy Syms Dean.*

**FINANCE (FIN)**

*Major: Sy Syms School*

Business Core (12 courses; 36 credits): ACC 1001, 1002; BLW 2021; ECO 1011, 1021, 1221; FIN 1001; INF 1020; MAN 1020; MAR 1001; STB 1131, 1456, FIN 1408, 2505; one course chosen from 2409, 2521, 3510; and two chosen from 2508, 2511, 2943, 3011, 3015, 3020, 3301, 3603, 3851, 3932 (15 credits); Business electives: MAN 2110 and three courses chosen from ACC, ENT, INF, MAN, MAR (12 credits).

*Minor: Sy Syms School*

Five courses chosen from FIN 1408, 2409, 2505, 2508, 2511, 2521, 2943, 3011, 3015, 3020, 3301, 3510, 3851, 3603, 3851, 3932 (15 credits).

**1001 Principles of Finance. 3 credits.**

An introductory survey of the fundamentals of financial management, financial analysis, and the securities markets. Provides a general understanding of financial institutions, terms and rights of stockholders and bondholders, and the corporate financial structure. Covers sources and uses of capital, debt versus equity, present value techniques, valuation, capital asset pricing, and capital budgeting.



**1408 Corporate Finance. 3 credits.**

Introduction to the principles and techniques of corporate financial management. Covers financial analysis, pro forma financial statement forecasting, firm value optimization and valuation models, capital structure, stock price valuation, bond pricing and returns, compounding and discounting, cash budgeting, working capital, risk and return, capital budgeting techniques, long- and short-term financing decisions, leverage, dividend policy, the cost of capital. Problems and applications utilizing commercially available computer software.  
*Prerequisite: FIN 1001.*

**2409 Advanced Corporate Finance. 3 credits.**

The corporate finance function and decision-making process. Specialized topics are examined and case presentations may be used. Evaluation of capital expenditure proposals, risk/return, diversification, capital structure, investment and financing decisions, capital markets, cash and credit management, mergers, acquisitions, LBOs, and global financial strategies.  
*Prerequisite: FIN 1408.*

**2505 Investment Analysis. 3 credits.**

Features and characteristics of available investment opportunities; fundamental principles for choosing sound investment vehicles to meet investor risk/return objectives. Stocks, bonds, warrants, convertibles, preferreds, municipal bonds, governments, options, and futures are defined and analyzed, utilizing fundamental technical and portfolio optimization techniques. Implementation of investment research using PC and mainframe databases and software.  
*Prerequisite: FIN 1001.*

**2508 Entrepreneurial Finance. 3 credits. (Same as ENT 2508.)**

How entrepreneurs secure financing for their business ventures: sources of funding such as investors, venture capital, SBA loans, asset-based financing, lines of credit, creation of business plans, and loan proposals; developing cash flow projections, and the evaluation of loan requests by lender/investors.  
*Prerequisite: FIN 1001.*

**2511 Security Analysis. 3 credits.**

The role and activities of the equity analyst. Cases and lectures are used to provide analytical skills and an appreciation of the usefulness and limitations of financial statements. Various approaches to equity valuation are considered.

*Prerequisite: FIN 1408 or 2505.*

*Pre- or corequisite: ACC 1001, 1002.*

**2521 Portfolio Management. 3 credits.**

Theoretical analysis and practical applications of modern portfolio theory to individual and institutional portfolio management; optimal asset selection and allocation decisions, portfolio mix, and the evaluation of portfolio performance; Markowitz diversification, single and multi-index models, capital market theory, capital asset pricing, arbitrage pricing, fixed income securities, and options strategies. Implementation of portfolio optimization design using PC and mainframe databases and software.

*Prerequisite: FIN 2505.*

**2943 Principles of Real Estate. 3 credits.**

Covers various types of real estate, including apartments, office buildings, industrial parks, shopping centers, private homes, and undeveloped land. Examination of property from the viewpoint of investor/owner, seller, broker, and lender. Various methods of financing real estate.

*Prerequisite: ACC 1001, FIN 1001.*

**3011 Principles of Insurance. 3 credits.**

Discusses the basic principles of the field of insurance and risk management, including ethical, financial, social, economic, and political issues. Students analyze institutional aspects of risk management to allow the business or individual to minimize financial loss from unforeseen courses.

*Prerequisite: FIN 1001.*

**3015 Global Insurance & Risk Management. 3 credits.**

A comprehensive study of insurance and risk management in a global context. Systematic examination of various environmental factors (economic, financial, political/legal, regulatory/tax, demographic/sociocultural, and physical/technological), and the patterns and degrees of change associated with each. Course objective is to provide students with technical and managerial skills suitable for use in the rapidly changing global setting of insurance and risk management. Major ethical, social, and political issues are examined. Current events and trends are noted throughout; students follow the performance of a selected portfolio of global insurance stocks.

*Prerequisite: FIN 1001.*

**3020 Financial and Estate Planning. 3 credits.**

A comprehensive study of personal management from the individual consumer, family, and small-business points of view, with a life-cycle perspective. The course Explores 1) financial goals and objectives, budgets and other tools, money and money management, borrowing and debt management, tax planning, and housing; 2) personal risk management and insurance (life, health, property, and liability); 3) stocks, bonds, mutual funds, and other investments; and 4) retirement and estate planning.

*Prerequisite: FIN 1001 or ECO 1001.*

**3301 Historical Development of Modern Finance. 3 credits.**

An examination of the historical development of financial institutions and markets from the Middle Ages to the present.

Focuses specifically on the contributions of key Jewish individuals and families, such as Bernard Baruch, Alex Brown, Goldman Sachs, Lehman, Loeb, Rothschild, Schiff, and Warburg.

*Prerequisite: FIN 1001 or ECO 1001.*

**3510 Speculative Markets: Futures Markets and Options. 3 credits.**

A comprehensive overview of commodities, financial futures, and options on futures. The market microstructure and its evolution, trading applications, and the use of technical and fundamental analysis; exchange operations. Trading mechanics, hedging and speculation, price forecasting, testing and optimizing trading systems, performance spreading, and option pricing theory. Students implement a PC commodity market simulator.

*Prerequisite: FIN 1408 or 2505.*

**3603 International Finance. 3 credits.**

Analysis of special topics in international finance, including international capital flows, theories of foreign exchange rate determinations, Eurocurrency and Eurobond markets, and integration of multinational markets.

*Prerequisite: FIN 1001.*

**3851 Financial Statement Analysis. 3 credits. (Same as ACC 3851.)**

Designed primarily for non-Accounting majors. Methods of communicating information about financing and operating activities of corporations, and techniques for analyzing and evaluating that information.

*Prerequisite: ACC 1002, FIN 1001.*

**3932 Capital Markets and Financial Institutions. 3 credits.**  
 Structure and evolution of financial institutions; role of financial markets in allocating funds and absorbing risk; relationships among markets; financial intermediation.  
*Prerequisite: ECO 1011, 1021; and ECO 1221 or FIN 1001.*

**4970 Senior Research Paper. 1 hour. No credit.**  
 An individualized approach to assisting each student in selecting a topic and designing and completing his senior research paper required for graduation. Students work one-on-one with a faculty member in their discipline.  
*Prerequisite: senior status.*

**FOREIGN LANGUAGES:**

Yeshiva College offers instruction in the following foreign languages: French, German, Japanese, Russian, Semitic languages (Arabic, Aramaic), and Spanish. Full course descriptions and programs are listed under each language. Course descriptions for Latin and Greek are listed under the heading Classical Languages. Hebrew is not considered a foreign language at Yeshiva College.

*Minor: Yeshiva College*  
 Twenty-four (24) credits in two foreign or classical languages. Students must complete the intermediate sequence (or higher) in each language. Students wishing to minor in Greek or Latin should refer to the requirements for the Classics minor.

**FRENCH (FRE)**

*Major: Yeshiva College*  
 Twenty-seven (27) credits in FRE courses including 2101-2102 (or 2125-2126 and 2127-2128) and 1421. FRE 1101-1102 and 3000-level courses may not be included. Requirements also include such additional courses, not exceeding 15 credits, as may be prescribed by the department advisor for the individual student. Recommended: FRE 1843 and 4911; and courses in classical literature, English literature, history, and philosophy. Department advisor: Dr. H. Haahr.

*Minor: Yeshiva College*  
 Eighteen (18) credits in FRE courses, including one advanced language course—either French 1245 or 1421—and two literature courses, of which one should cover the medieval and pre-modern periods. Courses at the 1300 level may not be included.

**1101, 1102 Elementary French. 3 credits.**  
 Essentials of oral expression, listening comprehension, and basic reading and writing skills. For students with less than two years of high school French. Students with one year of high school French may enter 1102 with permission of the instructor.

**1201, 1202 Intermediate French. 3 credits.**  
 Intensive review of grammar; readings in literature; exercises in composition and conversation.  
*Prerequisite: two years of high school French or FRE 1102. Students with three years of high school French may enter 1202 with permission of the instructor.*

**1245; 1246; 1247; 1248 Oral French. 1 credit.**  
 Emphasis on oral proficiency related to a wide variety of subject matter; vocabulary building. Reports and class discussion to acquire fluency and ease of expression.  
*Prerequisite: FRE 2102.*

**1421 Advanced Composition. 3 credits.**  
 Work on special problems of grammar; frequent exercises in translation; practice in composition and conversation.  
*Prerequisite: FRE 1202.*

**(1503 French Civilization.)**

**(1843 History of the French Language.)**

**2101; 2102 Masterpieces of French Literature. 3 credits.**  
 Great works of French prose, poetry, and drama of the various periods.  
*Prerequisite: four years of high school French or FRE 1202.*

**2125; 2126; 2127; 2128 Survey of French Literature. 3 credits.**  
 First semester: medieval period and Renaissance; second semester: 17th and 18th centuries; third semester: 19th century; fourth semester: 20th century. History of the literature of the periods and detailed study of representative works.  
*Prerequisite: four years of high school French or FRE 1202.*

**(2284; 2285 The Modern Novel.)**

**(2323 The Theater of Revolt.)**

**(2437 Literature of the Seventeenth Century.)**

**(2448 Literature of the Enlightenment.)**

**2460 or 2460H French Jewry, 1806-1905: Images and Identities. 3 credits.**  
 History of the Jews in 19th-century France and their representation as other in the art

(2580 Literature of Existentialism.)

(3284; 3285 Modern Novel in Translation.)

(3323 Modern Drama in Translation.)

(3580 Literature of Existentialism in Translation.)

3632 or 3632H Baudelaire, Rimband, Mallarme.

4901, 4902 Independent Study.

Meet with the Yeshiva College Academic Dean.

## GERMAN (GER)

Department advisor: Dr. H. Haahr.

1115 Readings in German. 3 credits.

## HEBRAIC STUDIES (HES)

This designation is used to indicate block transfer credit granted for courses taken at other schools. Except for Jewish Studies majors, a maximum of 36 credits in Hebraic studies are accepted by Yeshiva College and Sy Syms School from IBC, JSS, MYP, and BMP.

## JAMES STRIAR SCHOOL OF GENERAL JEWISH STUDIES

1000 through 1099  
Hebrew Language and Literature. 1–6 credits each.

A comprehensive four-year sequence providing the beginning student, in systematic, progressive stages, with a reading, writing, and speaking knowledge of Hebrew; an introduction to the basic texts of ancient and modern Hebrew literature; and a knowledge of Jewish history and philosophy. (These courses are usually 4 credits per semester, but may be taken for as many as 6 or as few as 1 credit with permission.)

## YESHIVA PROGRAM /MAZER SCHOOL OF TALMUDIC STUDIES

1100 through 1199  
Hebrew Language and Literature. 1–3 credits each.

Analysis of Talmudic texts and commentaries in the original Hebrew and Aramaic; discussion of their cultural implications. May be applied toward a Jewish Studies major with the written permission of the Dean of Jewish Studies.

## ISAAC BREUER COLLEGE OF HEBRAIC STUDIES

1200 through 1299  
Hebrew Language and Literature. 3 or 4 credits each.

Studies of ancient, medieval, and modern Hebrew texts on the intermediate and advanced levels.

## S. DANIEL ABRAHAM JOINT ISRAEL PROGRAM OF YESHIVA UNIVERSITY

1400 through 1499 Hebrew Language and Literature.

This designation is used to indicate block transfer credit granted for courses taken in the University's Joint Israel Program. Up to 16 credits per semester and a total of up to 32 are granted at Yeshiva College.

## OTHER INSTITUTIONS

1500 through 1599 Hebrew Language and Literature.

This designation is used for credit granted for courses in Hebrew language and literature taken at other institutions. The maximum number of credits granted toward a YC, SCW, or SSSB degree for work in an American non-degree-granting institution is 8 per semester and a total of 32; for work in an Israeli institution, as above.

## BEIT MIDRASH PROGRAM

1600 through 1699 Hebrew Language and Literature.

## HEBREW (HEB)

Major: Yeshiva College

Twenty-four (24) credits in HEB courses more advanced than 1206. For YC, IBC students, these must be transferred from Isaac Breuer College.

Major: Isaac Breuer College

Twenty-nine (29) credits in HEB courses; comprehensive examination or HEB 4950. Students who complete HEB 4950 need not take a qualifying examination in their minor subject.

Minor: Yeshiva College

Twelve (12) credits in Hebrew courses more advanced than 1206.

Minor: Isaac Breuer College

Twenty-three (23) credits in Hebrew courses; qualifying examination.

At Yeshiva College and Isaac Breuer College, course offerings begin with HEB 1205.

1101–1102

Beginner's Hebrew. 3–4 credits.

No credit if taken after two or more years of high school Hebrew. Introduction to the reading, writing, translating, and speaking of Hebrew; first principles of grammar.

1103–1104 Elementary

Hebrew. 3–4 credits.

No credit if taken after two or more years of high school Hebrew; students with three years of high school Hebrew may enter HEB 1104 or 1104B or 1203 or 1203A with permission of the instructor. The continuation of this course is HEB 1203 or 1203A.

1121–1122 Elementary

Hebrew. 2–3 credits.

Review of Hebrew grammar, selected readings of classical and modern Hebrew literature, practice in writing and speaking Hebrew. The continuation of this course is HEB 1205, 1206.

Prerequisite: one year of high school Hebrew or equivalent; no credit if taken after more than two years of high school Hebrew.

1203–1204 Lower

Intermediate Hebrew. 2–4 credits.

No credit if taken after four years of high school Hebrew. Students with superior records in HEB 1102B or in 1104B or in high school Hebrew may enter HEB 1204 with permission of the instructor. Review of grammar, selected readings and translation, composition, and conversation. The continuation of this course is HEB 1205.

Prerequisite: HEB 1102B or 1104B or two years of high school Hebrew. (When taken for 4 credits, the continuation of this course is HEB 1206 or 1231.)

1205, 1206 Intermediate

Hebrew. 3–4 credits.

Systematic review of applied grammar (phonology, morphology) to enhance comprehension and expression. Readings in various genres of Hebrew literature; sentence construction. The continuation of this course is HEB 1207 or 1231.

Prerequisite: HEB 1204 or four years of high school Hebrew.

- 1207, 1208 Upper Intermediate Hebrew. 3 credits.**  
Graded readings, composition, and conversation. Unvocalized texts and Israeli newspapers.  
*Prerequisite: HEB 1206 or equivalent, with good knowledge of grammar.*
- 1231 Conversational Hebrew. 3 credits.**  
Directed toward the development of fluency in speaking Hebrew.  
*Prerequisite: HEB 1204 or 1205.*
- 1310 Advanced Hebrew. 3 credits.**  
Grammar, writing, and conversation.  
*Prerequisite: HEB 1206.*
- 1311 Advanced Grammar. 3 credits.**  
Hebrew syntax and grammar; varieties of construction and idioms; compositions and exercises.  
*Prerequisite: HEB 1206.*
- 1321, 1322 Biblical Hebrew. 3-4 credits.**  
Review of basic forms; principles of phonology, morphology, and syntax.  
*Prerequisite: HEB 1205 or permission of the instructor.*
- 1409, 1410 Advanced Conversation. 3 credits.**  
Spoken modern Hebrew, using advanced textbooks and Israeli newspapers.  
*Prerequisite: HEB 1208 or equivalent.*
- 1419; 1420 Exposition and Narration. 3 credits.**  
Advanced writing course.  
*Prerequisite: HEB 1206.*
- 2020 Early Hebrew Poetry. 3 credits.**  
Historical-philological approach to the study of early Hebrew poetry; the application of different linguistic forms to similar themes.  
*Prerequisite: HEB 1206.*
- 2409; 2410 Post-Biblical and Medieval Literature. 3 credits.**  
Hebrew literature from the close of the Biblical period through the medieval period; selections from the Apocrypha, paitanim, and medieval prose and poetry, with emphasis on Maimonides, Yehudah Halevi, and Ibn Gabirol.  
*Prerequisite: HEB 1206.*
- 2525 Medieval Hebrew Poetry. 3 credits.**  
Selected readings in the Hebrew poetry of the Middle Ages, with emphasis on Yehudah Halevi, Shmuel Hanagid, Solomon Ibn Gabirol, and Abraham Ibn Ezra.  
*Prerequisite: HEB 1206.*
- 2535 Medieval Hebrew Prose. 3 credits.**  
Selected readings in Hebrew prose of the Middle Ages, with emphasis on Maimonides.  
*Prerequisite: HEB 1206.*
- 2557 Modern Hebrew Literature. 3 credits.**  
This course covers the same material as HEB 2567, 2568 in one semester. No credit for both courses.  
*Prerequisite: HEB 1206.*
- 2567, 2568 Modern Hebrew Literature. 3 credits.**  
The movement for Enlightenment (Haskalah) and the national renaissance, with readings in the major writers of the period.  
*Prerequisite: HEB 1206.*
- 2607 Foundations of Haskalah Literature. 3 credits.**  
The literature of the period of the Enlightenment, with readings in Luzatto, Mendelsohn, Wessely, HaMasfim, Mapu, J. L. Gordon, Mendele.  
*Prerequisite: HEB 1206.*
- 2657 Modern Hebrew Prose. 3 credits.**  
The Hebrew short story and novel from 1880 to the present.  
*Prerequisite: HEB 2568 or equivalent.*
- 2667 The Hebrew Novel. 3 credits.**  
Critical study of representative works of such writers as Agnon, Barash, Brenner, Hazaz, Meged, and Mendele.  
*Prerequisite: HEB 1206.*
- 2669 The Hebrew Short Story. 3 credits.**  
Detailed examination of the short story genre, its main characteristics, motifs, themes, and techniques as reflected in the works of Agnon, Applefeld, Baron, Hazaz, Oz, Shenhar, Shoffman, and others.  
*Prerequisite: HEB 1206.*
- 2677 The Modern Hebrew Essay. 3 credits.**  
Selected readings from the 19th and 20th centuries.  
*Prerequisite: HEB 2568 or equivalent.*
- 2679 Modern Hebrew Poetry. 3 credits.**  
Major poems of modern masters from 1880 to the present.  
*Prerequisite: HEB 2568 or equivalent.*
- 2687 Foundations of Renaissance Literature. 3 credits.**  
The works of Ahad Ha'am, Bialik, and Mendele.  
*Prerequisite: HEB 1206.*
- 2688 Twentieth-Century Literature. 3 credits.**  
Hebrew prose and poetry of the 20th century; literary analysis of selected readings of the major modern authors.  
*Prerequisite: HEB 1206.*
- 2697; 2698 Contemporary Hebrew Literature. 3 credits.**  
Hebrew prose and poetry of the period since 1948; literary analysis of selected readings of the major authors.  
*Prerequisite: HEB 1206.*
- 2709; 2710; 2719; 2720; 2729; 2730; 2739; 2740 Topics in Hebrew Literature. 3 credits.**  
Each semester examines a specific area, such as literature of the Holocaust; themes in Agnon and Hazaz; war and peace in contemporary Israeli literature; the portrayal of the Arab in Israeli literature; Biblical themes in Israeli literature; the kibbutz in Israeli literature; Zionism in Hebrew literature.  
*Prerequisite: HEB 1206.*
- 2801 through 2899 Studies in Individual Authors and Their Works. 3 credits.**  
*Prerequisite: HEB 1206 or higher.*
- 2810 Agnon. 3 credits.**
- 2819 Barash. 3 credits.**
- 2927 Biblical Themes in Modern Hebrew Literature. 3 credits.**  
*Prerequisite: HEB 1206 or higher.*
- 4901, 4902 Independent Study.**  
*Meet with the Yeshiva College Academic Dean.*
- 4931; 4932 Selected Topics. 3 credits.**  
Assigned topics, regular conferences, and a report.  
*Prerequisite: permission of the instructor.*
- 4950 Bachelor's Thesis. 9 hours. 3 credits.**  
Independent work, under faculty guidance, in an area of Hebrew literature with an historical-analytical or in-depth, critical approach.  
*Prerequisite: senior status and a major in Hebrew.*

**HISTORY (HIS)***Major: Yeshiva College*

HIS 1001; 1002 and an additional 24 credits in HIS courses, with not less than 6 in courses numbered 2000–2599. With the permission of the department advisor, up to 6 credits in Jewish History (in excess of those used to meet the Jewish Studies distribution requirement) may count toward the major. Department advisor: Dr. H. Kosak.

*Minor: Yeshiva College*

HIS 1001, 1002 and 12 additional credits in HIS courses. Up to 3 credits in Jewish History (in excess of those used to meet the Jewish Studies distribution requirement) may be counted toward the minor.

(Courses in Jewish History are listed under JHI.)

**1001; 1002 Western Civilization. 3 credits.**

First semester: major themes in the cultural, political, and social evolution of the West from antiquity to the Reformation. Second semester: survey of European history from the age of absolutism to the end of the Cold War.

**1120 Medieval Society. 3 credits.**

History of European politics, society, and religion in the Middle Ages from the 5th to the 14th centuries.

**1140 The Renaissance and Reformation. 3 credits.**

European thought and culture in the age of transition, from the 14th to the 17th centuries.

**1148 Europe 1848–1900. 3 credits.**

The Industrial Revolution and its economic, intellectual, political, and social impact on Europe.

**1210 Early Modern Europe. 3 credits.**

The 17th and 18th centuries: rise of the nation state; first scientific revolution; the Enlightenment and its impact on political theory and religion.

**1240 Europe in the Age of the French Revolution. 3 credits.**

Social, political, and economic conditions in 18th-century France; the French Enlightenment and its revolutionary implications; the Revolution and its European impact; domestic and foreign policies of Napoleon.

**1248 Modern Europe I. 3 credits.**

**1249 Modern Europe II. 3 credits.**  
Europe from 1900 to 1945. Imperialism, the First World War, and the rise of Fascism.

**1285 The Holocaust. 3 credits.**  
(Same as JHI 1485.)

The emergence of modern anti-Semitism and racial ideology; Nazi implementation of the "Final Solution"; problem of the Judenrat; life in the ghettos and camps; Allied, Christian, and world Jewish reactions; resistance; post-Holocaust literary and theological reflection.

**1400 Greek Civilization. 3 credits.**

Political, military, social, economic, religious, and cultural history of Greece: the Bronze Age, the rise of tyranny, legendary and realistic Sparta, Athens and the triumph of democracy, the Persian Wars, the Peloponnesian War, the Periclean age, the hegemony of Sparta and Thebes, the rise of Macedonia and the charismatic Alexander the Great.

**1410 Roman Civilization. 3 credits.**

Political, military, social, economic, religious, cultural, and legal history of Rome: the mystery of the Etruscans, the Roman kings, the Republic, the momentous struggle with Carthage, the century of Roman civil war, the development of the Roman Empire, the relationship between the rise of Christianity and the reasons for the decline and fall of the Empire, and the reasons why the Empire lasted so long.

**1451 Modern France. 3 credits.**

Political, social, and cultural history of France from 1815 to the present. The Revolutionary tradition and the search for political stability in the 19th century; colonialism, the "civilizing mission," and the Algerian War of Independence; intellectuals and the ideal of "engagement"; collaboration and resistance during World War II.

**1461 Modern Germany. 3 credits.**

The evolution of German society, culture, and politics from the Reformation to the collapse of the Berlin Wall.

**1501; 1502 History of Britain. 3 credits.**

Political, social, and economic history of Britain. First semester: Anglo-Saxon period to 1688; second semester: 1688 to the present.

**1571 History of Russia. 3 credits.**

Political and cultural history of Russia from the 5th century to the present, with emphasis on the 19th and 20th centuries.

**1601 or 1601H; 1602 European Intellectual History. 3 credits.**

First semester: the scientific revolution and the Enlightenment; the development of the public sphere; cultural origins of the French Revolution. Second semester: Romanticism and the critique of Enlightenment rationality; Hegel and Marx; modernism and the crisis of historicism.

**1932H Freshman Honors Seminar II: Modernity.****2005; 2006 Survey of United States History. 3 credits.**

Aspects of American history that have contributed to the shaping of American culture; evaluation of political, social, and economic trends in the light of changing ideals. First semester: colonial times to 1877; second semester: 1877 to the present.

**2110 American Colonial History. 3 credits.**

The origins and development of the English North American colonies from the early 17th century to the eve of the American Revolution. Contacts between Europeans and American Indians, Puritanism, slavery, economic growth, urbanization, relations with England.

**(2130 The American Revolution and Constitution.)****(2150 The United States: 1789–1850.)****2170 The United States: 1850–1877. 3 credits.**

Sectionalism, Civil War, and Reconstruction. Impact of slavery on American society. The "irrepressible" conflict. Military campaigns. The home front—North and South. The attempt to restructure Southern society and its failure.

**2200 The United States: 1877–1941. 3 credits.**

Industrialization and the rise of corporate capitalism; growth of cities; expansion of the state; Progressivism and the New Deal; overseas expansion and the emergence of the United States as a world power.

**2250 The United States: 1941–Present. 3 credits.**

Domestic politics and international relations of the United States from World War II to the 1980s. The origins and impact of the Cold War; the Civil Rights struggle; Vietnam War; Watergate and the imperial presidency; economic and social change.

**2255 The New Deal. 3 credits.**

Examination of the American economy of the 1920s and its weaknesses; the Depression and unemployment, and the new measures undertaken by the New Deal to counteract their devastating impact; the emerging new social forces that challenged the traditional political and social structures.

**2301 American Cultural History. 3 credits.**

Selected topics in 19th- and 20th-century cultural history, such as the myth of the frontier, the difference between "high" and "low" culture, working-class leisure activities, the rise of the film industry, the Jazz Age and the Harlem renaissance, the Depression, and the transformation of popular culture in the 1950s and 1960s.

**2302 American Social History. 3 credits.**

Selected themes in social history beginning with the market revolution and subsequent industrialization and its effects; the relationship between material life and the culture, values, and politics of diverse groups of Americans: working people, nascent middle class, women, African Americans, immigrants.

**2401 History of the American South. 3 credits.**

Southern society, politics, and culture from the colonial period to the present. Early settlements, the rise of slavery, plantation culture, sectional conflict, and the Civil War, Reconstruction, the Jim Crow era, poverty and economic development, the Civil Rights movement, the rise of the Sunbelt.

**2510 History of American Foreign Policy. 3 credits.**

United States foreign policy from the American Revolution until World War II. Continental expansion, the Monroe Doctrine, imperialism, the Open Door, neutrality and World War I, isolationism, the road to Pearl Harbor. This course may be counted toward a political science major as well.

**2530 or 2530H Immigrant Experience in America. 3 credits.**

The experience of national and ethnic immigrant groups from early settlements in the colonies to the present; the economic, political, and religious rationale for migration; the social and cultural traditions and expectations of the immigrants, their interaction with American society and patterns of adaptation.

**2540 The United States and Vietnam. 3 credits.**

The Vietnam War, with attention to traditional Vietnamese history, the struggle against French imperialism, the Cold War, and U.S. involvement in Vietnam, the impact of the war on Vietnamese society, the war at home, peace-making and withdrawal; the aftermath.

**2545 American Politics and Culture in the 1960s. 3 credits.**

Politics and culture in the 1960s; the Vietnam War; the student, Civil Rights, and women's movements; the rise of youth culture.

**2560 History of Women in the United States. 3 credits.**

Historical survey of women's experiences in the United States from the colonial era to the present; changes in the economic role of women; family life; changing ideals of womanhood; suffrage movement and feminism.

**2580 American Minority History. 3 credits.**

The role of ethnicity and race in U.S. history from the colonial era to the present. The collective histories of selected groups and how these histories intersected and formed an integral part of the American experience.

**2581 American Jewish History. 3 credits. (Same as JHI 1573.)**

Major political, economic, and cultural developments from colonial beginnings to the present; the Jewish experience in its American historical context; the Jewish labor movement, rise of American Zionism, and role of American Jewry during the Holocaust.

**2621 The History of New York City. 3 credits.**

New York from colonial times to the present. The city's economy, people, and communities; building the city's infrastructure; local politics, the image of New York in American culture; contemporary economic and political trends.

**3208 Eastern Europe in the Twentieth Century. 3 credits.**

Covers period from World War I to the Collapse of Communism, in 1989. Political, social and economic development; impact of the Russian Revolution; the Second World War; Russian domination of the region, the post-Stalinist thaw; dissident movements; the causes of the revolution of 1989.

**3221; 3222 The Middle East. 3 credits.**

First semester: rise of Islamic civilization until 1800; Islam's origins and political, economic, and cultural nature; relationships with non-Islamic groups. Second semester: 1800 to the present; decline of the Ottoman Empire; challenge of the European states; Arab nationalism.

**3300 History of East Asia. 3 credits.**

Introduction to the history and culture of the major civilizations of East Asia, with particular focus on China and Japan. The development of traditional society and the growth and transformation of Confucian ideas and institutions. Covers the differing responses of China and Japan to the challenge of Western imperialism; impact of World War II on East Asia; and the Chinese Revolution.

**4150 or 4150H Historiography. 3 credits.****4301 History of the Family. 3 credits.**

The family as an historical institution. Traces its changing forms, functions, and meanings from the mid-15th century to the present.

**4691; 4692 War in Western Civilization. 3 credits.**

The relationship of war, in its broader ethical, intellectual, religious, technological, and purely military aspects, to Western civilization; concept of the Just War, war crimes, terrorism, guerrilla warfare, nuclear war.

**4695 Modernity. 3 credits. (Same as POL1895.)**

An interdisciplinary course on change and how individuals and societies respond to it. Topics may include traditional society; revolution, identity, and the state; technology.

**4697 Nationalism in the Modern World. 3 credits.**

The genesis and evolution of nationalism in 19th- and 20th-century Europe; contrasting styles of nationalist culture; the nation as an "imagined community"; the invention of tradition; anticolonial nationalism in Asia and Africa.

**4901; 4902 Independent Study.**

*Meet with the Yeshiva College Academic Dean.*

**4930 Seminar. 3 credits.**

In-depth coverage of selected topics. Analysis of primary materials; research paper. For upper-level History majors and others with permission of the instructor.

**HONORS (HON)**

Once a student successfully fulfills its 11 requirements (see "The Jay and Jeanie Schottenstein Honors Program" in the Yeshiva College section), his diploma will record his completion of the Jay and Jeanie Schottenstein Honors Program as well as his graduation from Yeshiva College. Most of these 11 components are listed under the various departments and programs. For instance, the first Freshman Honors Seminar (H1) is normally listed as 1931H under the appropriate discipline within the humanities; the second (H2) is normally listed as 1932H under the appropriate discipline in Yeshiva College. Honors electives and summer experience are likewise listed under the relevant disciplines. The two Senior Honors Thesis courses and summer experiences are listed in this catalog and in Course Schedules under HON:

**HON 1001H Culture in New York City. .5 credit.**

Fifteen cultural events or venues in NYC: museums, plays, concerts, film, etc., five or six devoted to a "specialty" chosen by each student. Journal, final essay, poster, and presentation.

**HON 4980H Senior Honors Thesis: Research. 3 credits.**

Any student planning to write a senior honors thesis should speak with the director of the Jay and Jeanie Schottenstein Honors Program and with one or two potential mentors before the 10th week of the spring term of his junior year. Application and preliminary proposal are due the first week of classes. Application and guidelines are available in the office of the director. If enough students write senior honors theses in related fields, a Senior Honors Thesis Mentoring Seminar may be set up under this course number.

**HON 4981H Senior Honors Thesis: Writing. 2 credits.**

Fully revised final is draft due by Monday of the 10th week of classes. Guidelines are available in the office of the director of the Jay and Jeanie Schottenstein Honors Program.

**HUMANITIES (HUM)****Minor: Sy Syms School of Business**

Fifteen (15) credits chosen from ART, ENG, HIS, PHI. Maximum of two courses per department.

**INFORMATION SYSTEMS (INF)****Major: Sy Syms School**

Business Core (12 courses; 36 credits): ACC 1001, 1002; BLW 2021; ECO 1011, 1021, 1221; FIN 1001; INF 1020; MAN 1020; MAR 1001; STB 1131, 1456, or 1601.

Business Programming Track—five courses: 2125, 2226, 2822, 2823, 3560; two chosen from INF 2128, 2250, 2251, 2255, 2610, 3514, 3830, 3831, 3835, 3832, and MAN 2110 and BUS 4741 or one course chosen from ACC, ENT, FIN, MAN, MAR, and INF 4970.

Systems Administrative Track—five courses: INF 2125, 2226, 3121, 3123, 3514; two chosen from INF 2128, 2250, 2251, 2255, 2610, 2822, 2823, 3560, 3830, 3834, and MAN 2110 and BUS 4741 or one course chosen from ACC, ENT, FIN, MAN, MAR, and INF 4970.

**Minor: Sy Syms School**

Five courses chosen from 2125, 2128, 2226, 2250, 2255, 2610, 2822, 2823, 3121, 3123, 3514, 3560, 3830, 3831, 3832, 3834, 3835.

**1020 Management Information Systems Overview. 3 credits.**

Overview of the role and functions of modern management information systems in business organizations; introduction to MIS and to computer usage, including computer hardware and operating systems, software, databases, distributed systems, and data communication; issues such as human factors in MIS, impact of MIS on organizations, and use of MIS in other countries. Students receive hands-on experience through PC spreadsheets, word processing, and database usage.

**2125 C++ Programming for Business. 3 credits.**

Object-oriented approach to solving business computer programming problems; a thorough practical learning experience of object-oriented programming methods using the C++ language. Reducing system development time. Increasing productivity of application programmers; code reusability; lowering system maintenance costs. Prerequisite: INF 1020.

**2128 Java Programming. 3 credits.**

Java programming language is discussed in detail, along with Java's extensive packages and the skills necessary to develop Java applications and applets. Concepts covered are exception handling, GUI programming with AWT, input/output, threads, networking, and native methods.

Pre- or corequisite: INF 1020, 2226.

**2226 Advanced C++ for Business. 3 credits.**

Advanced programming techniques for designing object-oriented business applications with the C++ language. Basic objects as low level data manipulation, such as linked list and sorting, to high-level graphical user interface objects, such as Windows. Application development from design to implementation stages.

Prerequisite: INF 2125.

**2250 Internet for Business. 3 credits. (Same as ENT 2250.)**

Exploration of opportunities created by the rapidly expanding Internet, with emphasis on commerce and industry. History and components, World Wide Web, gopher space, ftp, telnet, usenet, e-mail, use and strategies, search engines, web-page design, multimedia, browser, slip/ppp access, software, hardware, and troubleshooting.

Prerequisite: INF 1020.

**2251 Advanced Internet for Business. 3 credits. (Same as ENT 2251.)**

Building on the material covered in Internet for Business I, this course gives students a more complete understanding of the strategic implications that the Internet has for business in the new Millennium. Covers advanced HTML, techniques for improving web site design and effectiveness, sophisticated web development tools, maximizing the benefits of internal and external search engines, customer-integrated transaction-processing systems, domains and the hosting of web pages, intranets and extranets, on-line databases; an object-oriented approach to design; and the convergence of emerging technologies for use on the Internet.

Prerequisite: ENT/INF 2250.

**2255 E-Commerce: Internet Marketing. 3 credits. (Same as ENT 2255; MAR 2255.)**

The practical applications of e-commerce in the marketplace today, including both customer-to-business and intra-business interactions. Associated business models, security and firewalls protocols (authentication, encryption, SSL, X.509, LDAP), electronic payment protocols (SET, e-cash), collaboration/on-line catalogues, and the required network infrastructure (TCP/IP).

Prerequisite: INF 1020, MAR 1001.

**2610 Business Operating Systems. 3 credits.**

Major operating system environments that are implemented by all types of organizations: operating system utilities such as file management, disk management, memory management, back-up and restore, data recording, data compression. Hands-on experience in demonstrating the capabilities of several operating systems.  
*Prerequisite: INF 1020 plus 2125, 2226, or one year of programming.*

**2822 Systems Analysis I. 3 credits.**

Processes, techniques, and issues related to the analysis and design of business information systems. The system development life cycle, project feasibility, cost/benefit analysis, input, output, and file design. Techniques such as data flow diagrams, entity relationship diagrams, process descriptions and Bachman diagrams. A CASE tool, Visible Analysis Workbench, is used to generate many of these constructs. ACCESS is used to illustrate prototyping of input and output documents.  
*Prerequisite: INF 1020 plus one year of programming.*

**2823 Systems Analysis II. 3 credits.**

Applies the methods discussed in Systems Analysis I. Working in small groups, students utilize the tools of structured analysis and design to analyze and design a computer-based information system. The project includes problem definition and data gathering; a study analyzing technological, operational and economic feasibility of the project; logical system design; file and database design; and input and output prototyping. Covers project management techniques including project scheduling, monitoring and control, change control, and project reporting.  
*Prerequisite: INF 2822.*

**3121 Systems Administration. 3 credits.**

Essential disciplines, major areas of knowledge and understanding, and some practical application of computer systems administration in the business environment. Covers current technology, with brief reference to the history of modem computing and some discussion of the future. Focuses on the Windows NT and Unix operating systems, and encompasses the IP network protocol.  
*Prerequisite: INF 1020 plus one INF elective.*

**3123 Systems Security. 3 credits.**

Essential principles and practices of computer systems security: security organization, physical security, access control, communication security, cryptography, systems security, integrity, reliability, availability, security modes, risk management, network and Internet security, and operating systems security.  
*Prerequisite: INF 1020 plus 3121.*

**3514 Telecommunications. 3 credits.**

Communications networking in business with emphasis on the issues and techniques for design and operation of wide-area networks (WANs), local-area networks (LANs), and remote-access service (RAS). Network topology, routing, circuit and packet switching, security, queuing, and network management. The role of information systems communication networks as they relate to business organizations and business decision-making processes. Hands-on experience using appropriate application packages on networks.  
*Prerequisite: INF 1020 plus one year of programming.*

**3560 Database Design. 3 credits.**

The overall organization, design, and development of database applications. Conceptual data modeling, data security and integrity, distributed data management, recovery strategies, and overall database administration.  
*Prerequisite: INF 1020 plus one year of programming.*

**3830 Computer Technology. 3 credits.**

Basic functions of a computer system, its architecture and components; system software: operating systems, interpreters, compilers; application software: application programs, files, database models, languages; software packages. Computers from micros to mainframes are considered. Students build a computer from kits.  
*Prerequisite: INF 1020 plus one INF elective.*

**3831 End-User Computing in Business. 3 credits.**

Role of the microcomputer as a stand-alone or part of a host-based system; single-user and multiple-user micros; data communication requirements; impact on office automation; managerial and clerical decision support; remote data entry; evaluation, implementation, and management of end-user computing.  
*Prerequisite: INF 1020.*

**3832 Selected Topics: Web Design. 3 credits.**

Students register for and maintain an online journal, register for a web site and publish pages on the Internet, learn to use the mechanics of HTML for creating a web site with form and content, use the mechanics of MS FrontPages 2000 to facilitate work on a web site, use graphics software in conjunction with scanning images, use MS PhotoDraw to enhance the design of graphics, and learn about design issues in web page authoring.  
*Prerequisite: INF 1020.*

**3834 Management and Technology. 3 credits.**

(Same as MAN 3834.) Examines information technology as a managerial resource. Extensive discussion and analysis of the organization's structural, cultural, and operational resources as they relate to the information technology function.  
*Prerequisite: INF 1020, MAN 1020.*

**3835 Advanced Visual Basic. 3 credits.**

Building on INF 3831, course to include database programming using Active Data Objects (ADO), the use of classes and collections in object-oriented programming, Active-X controls, User Interface Design in Windows, the Windows Application Programming Interface (API), debugging and handling.  
*Prerequisite: INF 3831.*

**4970 Senior Research Paper or Project. 2 hours. No credit.**

An individualized approach to assisting each student in selecting a topic and designing and completing his senior research paper required for graduation. Students work one-on-one with a faculty member in their discipline, as well as under the supervision of technical manager, and may work on an Information Systems project in conjunction with industry. Technical report and final presentation are required.  
*Prerequisite: senior status.*

**JAPANESE (JAP)**

Department advisor: Dr. H. Haahr.

**1101,1102 Introduction to Japanese. 3 credits.****1201,1202 Intermediate Japanese. 3 credits.**



**JEWISH EDUCATION (JED)**

A joint bachelor's-master's program in Jewish Education is offered for Yeshiva College students together with Azrieli Graduate School of Jewish Education and Administration. Interested students should consult the Office of the Registrar.

**JEWISH HISTORY (JHI)***Major: Isaac Breuer College*

Jewish History 1200; 1300 (or 9 credits chosen from 1371, 1400, 1401, 1831) and 15 additional credits in Jewish History courses; comprehensive examination or Jewish History 4950.

*Major: Yeshiva College*

Jewish Studies majors at these schools may concentrate in Jewish History. See the description of the Jewish Studies major.

*Minor: Isaac Breuer College*

JHI 1200, 1300 (or 9 credits chosen from 1371, 1400, 1401, 1831) and 9 additional credits in JHI courses; qualifying examination or JHI 4950.

*Minor: Yeshiva College*

Two survey courses in Jewish history and 15 additional credits in Jewish history courses.

Qualified upperclassmen may receive permission to take courses in Jewish history at Bernard Revel Graduate School. Consult the schedule to see the offerings available. Students who plan to do graduate work in Jewish history or to major in Jewish Studies with a Jewish History concentration, are strongly advised to fulfill their Jewish history requirements at Yeshiva College as soon as possible.

**1105; 1106 History of the Ancient Near East. 3 credits.**

First semester: 3rd millennium B.C.E. to 1300 B.C.E.; second semester: 1300 B.C.E. to 586 B.C.E.

**1116 Biblical History and Archeology. 2-3 credits.**

Archeological discoveries in Israel and their impact on the study of Jewish history.  
*Prerequisite: junior status.*

**1200 Classical Jewish History. 3 credits.**

History of the Jews from 300 B.C.E. to 500 C.E.

**1235 or 1235H The Dead Sea Scrolls. 3 credits.**

Archeological, historical, and literary aspects of the scrolls; their place in the development of the Hebrew language and Jewish thought.

*Prerequisite: permission of the instructor.*

**1285 The Holocaust. 2-3 credits. (Same as HIS 1285.)**

The emergence of modern anti-Semitism and racial ideology; Nazi implementation of the "final solution"; problem of the Judenrat; life in the ghettos and camps; Allied, Christian, and world Jewish reactions; resistance; post-Holocaust literary and theological reflections. Under the Eli and Diana Zborowski Professorial Chair in Interdisciplinary Holocaust Studies.

*Prerequisite: JHI 1200; 1300.*

**1300 Medieval Jewish History. 3 credits.**

The Jewish people from the Gaonic period (500 C.E.) to 1550.

**1322 Jews in Medieval Ashkenaz. 3 credits.**

Jewish settlement in Italy; Charlemagne and the Jews in Franco-Germany; Rabbeinu Gershom and early Ashkenazic scholarship; the Crusades and the origins of medieval anti-Semitism, Rashi and the Tosafists; Church and the Jews in the 13th century; the Paris Disputation; Rabbi Meir of Rothenburg and his disciples—e.g., Rabbi Asher ben Yechiel and Rabbi Mordecai ben Hillel; the Black Death and its aftermath; Jewish life and scholarship in 15th-century Germany, with special emphasis on Rabbi Jacob Molin (Maharil), Rabbi Jacob Weil, and Rabbi Israel Isserlein; the transition of Ashkenazic life and scholarship to Poland.

**1371 Jews in the Medieval Moslem World. 3 credits.**

Judaism and Islam; the protected minority; Gaonate and Exilarchate; Karaism and false Messianism; Saadiah Gaon and medieval Jewish philosophy; the flowering of Jewish culture in Moslem Spain; the migration to Provence.

**1400 Modern Jewish History. 3 credits.**

The Jewish people from 1550 to modern times.

**1401; 1402 Modern Jewish History I; II. 3 credits.**

Rise and flowering of the Eastern European Jewish communities; Hasidism; the Enlightenment; the Emancipation and development of Western European Jewry; American Jewry; new religious currents; modern anti-Semitism and the Holocaust; Zionism and the founding of the State of Israel; first semester: 1600-1900; second

semester: 1900-1948.

**1403 Destruction of Polish Jewry. 3 credits.**

Seminar analyzing the destruction of Polish Jewry during World War II.

**1415 History of Zionism. 3 credits.**

Rise and development of modern Jewish nationalism against the backdrop of contemporary Western civilization and the scope of Jewish history; writings of major Zionist ideologues; role of Zionism within the major Diaspora communities; impact of the rise of the Jewish state movement on the world political and diplomatic scene.

**1451 The Jews in Eastern Europe I. 3 credits.**

History of the Jewish people in Eastern Europe from the Early Settlement to the Third Partition of Poland (1795).

*Prerequisite: JHI 1400 or equivalent.*

**1452 The Jews in Eastern Europe II. 3 credits.**

History of the Jewish people in Eastern Europe since 1795.

**1511; 1512 Modern Israel. 3 credits.**

Comprehensive survey of the history of Israel from 1948 to the present; political, economic, and social developments; current problems.

**1521S through 1562S Sephardic Communities. 2 credits.**

The social, economic, and communal development of various communities of Sephardic Jews:

**1521S Israel Since 1492.****1540S Western Europe: England, France, Holland, Gibraltar.****1549S The Balkans: Bulgaria, Greece, Turkey, Yugoslavia.****1554S East Asia: India, Burma, the Far East.****1555S Southwest Asia: Iran, Iraq, Yemen.****1561S North Africa: Algeria, Libya, Morocco, Tunisia.****1562S Eastern Mediterranean Area: Egypt, Lebanon, Syria.****1573 American Jewish History. 3 credits. (Same as HIS 2581.)**

Major political, economic, and cultural developments from colonial beginnings to the present; the Jewish experience in its American historical context; the Jewish labor movement, rise of American Zionism, and role of American Jewry during the Holocaust.

**1575; 1576 American Jewish History. 2 credits.**

First semester: the Jewish community in the United States and its development from earliest times; immigration and settlement; social, economic, and communal development; contribution to American civilization. Second semester: the modern and contemporary scene—American Jews and the Holocaust, State of Israel, Civil Rights movement, Russian Jewry, inner-city tensions.

*Prerequisite: junior status or permission of the instructor.*

**1577 Contemporary American Jewish Issues. 2 credits.**

The American Jewish community today against the backdrop of the pluralistic American society; analyses of current issues and problems, within the community and at its interface with other communities and cultures; guest lecturers.

**1801 or 1801H History of Talmudic Literature. 3 credits.**

The political, cultural, technological, and linguistic history of the talmudic period and the textual history of the Babylonian Talmud as they bear on the interpretation of the text.

**1829 or 1829H; 1830 or 1830H; 1831 or 1831H; 1832 or 1832H; 1833 or 1833H; 1834 or 1834H Jewish Intellectual History. 3 credits.**

A sequence of courses focusing on major themes in the intellectual history of the Jews from the Second Commonwealth to the present; readings almost exclusively from primary sources. 1829; 1830: classical period, 1831; 1832: medieval period; 1833: early modern period; 1834: modern period. *Prerequisite: JHI 1200; 1300; 1400.*

**1836 or 1836H Historiography. 3 credits.**

**4901, 4902 Independent Study.**  
*Meet with the Yeshiva College Academic Dean.*

**4950 Bachelor's Thesis. 3 credits. 9 hours.**

Independent work, guided by faculty, in an area of Jewish history. An acceptable thesis will show diligent research in primary sources, scholarly organization, and clear exposition of material.

*Prerequisite: Jewish History major and senior status.*

**JEWISH PHILOSOPHY (JPH)****Major: Isaac Breuer College**

Nineteen (19) credits in Jewish philosophy courses; comprehensive examination or Jewish Philosophy 4950.

**Major: Yeshiva College**

Jewish Studies majors at these schools may concentrate in Jewish philosophy. See the description of the Jewish Studies major.

**Minor: Isaac Breuer College**

Thirteen (13) credits in Jewish philosophy courses; qualifying examination or Jewish Philosophy 4950.

**Minor: Yeshiva College**

Eighteen (18) credits (including 6 in general philosophy), to be determined in consultation with the faculty.

Qualified upperclassmen may receive permission to take courses in Jewish philosophy at Bernard Revel Graduate School. JPH 5011 (Survey of Medieval Jewish Philosophy) and JPH 5012 (Survey of Modern and Contemporary Jewish Philosophy) are open to students with B averages; other courses require prior permission of the instructor. Consult the schedule for offerings.

**1131; 1132 Introduction to Jewish Philosophy. 3 credits.**

Philosophical foundations of Judaism; readings from classical and contemporary writers; major religious and national issues and philosophical concepts; first semester: basic beliefs; second semester: contemporary issues.

**1133; 1134 Introduction to Jewish Philosophy. 3 credits.**

Same as 1131; 1132, but for advanced students in Jewish Studies.

**1204 Jewish Ethics. 3 credits.**

The moral philosophy of Judaism; individual and social problems in light of Jewish ethical norms and values; readings from selected texts, both medieval and modern.

**1214 or 1214H Theories of Evil. 3 credits.**

The problem and definition of evil as understood in Talmudic literature and medieval and modern Jewish philosophy.

**1309 Jewish Eschatology. 3 credits.**

Analysis of textual sources—ancient, medieval, and modern—dealing with eschatology in Judaism.

**1441; 1442 History of Jewish Philosophy. 3 credits.**

Problems and concerns of the major Jewish thinkers; role of philosophy within Judaism. First semester: through the medieval period; second semester: modern thought.

*Prerequisite: JPH 1131 or 1132 or 1133 or 1134.*

**1611, 1612 Medieval Jewish Philosophy. 2–3 credits.**

Selected topics and readings from Albo, Bahya, Crescas, Yehudah Halevi, Maimonides, Saadiah, and relevant background study (Neo-Platonism, Kalam, Aristotelianism).

**1626 Philosophy of Saadiah Gaon. 3 credits.**

Analysis of the Hebrew text of the *Emunot ve-De'ot*, emphasizing Saadiah's treatment of philosophical problems; comprehensive study of Saadiah's philosophy from the historical perspective.

*Prerequisite: JPH 1131 or 1132 or 1133 or 1134. Recommended: JPH 1441.*

**1640 Philosophy of Yehudah Halevi. 3 credits.**

Analysis of the Hebrew text of the *Kuzari*, emphasizing Halevi's views on the Jewish religion, Jewish history, the people of Israel, and pre-eminence of the Land of Israel; Halevi's philosophy and its relevance to contemporary Jewish life and thought. For intermediate and advanced in Jewish Studies.

**1650 or 1650H Philosophy of Maimonides. 3 credits.**

Selections from the philosophical works of Maimonides: *Sefer Ha-Mada* of *Mishneh Torah*, the Eight Chapters, the *Guide for the Perplexed*.

**1804 Jewish Thinkers of the Nineteenth Century. 3 credits.**

Leading exponents of Jewish thought in the 19th century, with emphasis on the works of Moses Mendelssohn, N. H. Wessely, S. D. Luzzatto, and S. R. Hirsch.

*Prerequisite: JPH 1131 or 1132 or 1133 or 1134.*

**1813 Modern Jewish Thought. 3 credits.**

Introduction to the philosophical works of the great Jewish thinkers of the past two centuries. Selected readings.

**1815, 1816 Lithuanian Jewish Thought. 3 credits.**

Selections of representative religious thought from the writings of: the Tanya, the Gaon of Vilna, R. Hayyim of Volozhin, R. Israel Salanter and the Mussar movement, the Hazon Ish, Rav Kook, and R. Eliyahu Dessler.

**1825, 1826 Hasidic Thought. 3 credits.**

Selections from the writings of Baal Shem Tov, R. Yakov Yosef of Polonoye, the Maggid of Miezhich, R. Shneur Zalman of Liadi, and R. Nahman of Brazlav.

**1843 Contemporary Jewish Thought. 3 credits.**

History and development of major currents in contemporary Jewish thought including Orthodoxy, Reform, Conservatism, and Reconstructionism.

**1903 Belief and Religious Commitment. 3 credits.**

Role of philosophy and the liberal arts (particularly literature) within a religious intellectual world view; medieval views of Jewish philosophers (Albo, Bahya, Saadiah); modern criticisms of medieval positions; reworkings of relation between faith and reason in modern thought (Barth, Kierkegaard, Newman); Jewish critiques and defenses of secular studies in the modern world (Hirsch, Lamm, Lichtenstein, B. B. Liebowitz, Soloveitchik, Wasserman); literature and religious belief (Jewish and non-Jewish texts).

**1905 Philosophy of Prayer. 3 credits.**

Analysis of the philosophy of prayer and of the Jewish prayer book.

**1907, 1908 Philosophy of Biblical Laws. 3 credits.**

Examination of classical and modern sources for their conception of selected mitzvot relative to the Halakhah, their Biblical origins, and their root meanings in Jewish philosophy. For intermediate and advanced students in Jewish Studies.

**1909, 1910 Topics in Jewish Theology. 3 credits.**

Mizvot, Prayer, God and the Soul.

**1917 Problems in Jewish Philosophy. 3 credits.**

Selected topics including faith and doubt, dogma, free will, Providence, the Holocaust, the State of Israel. Guided research in addition to classroom meetings.

*Prerequisite: 6 credits in JPH courses.*

**1921; 1922 Judaism and Culture. 3 credits.**

Analysis of the concept of Torah im Derekh Eretz and comparison to other views on the relation of Torah and general culture. Sponsored by Jacques Schwalbe.

**4901, 4902 Independent Study.**

*Meet with the Yeshiva College Academic Dean.*

**4931 or 4931H; 4932 or 4932H Selected Topics. 3 credits.**

Analytical study of special topics, issues, and movements in Jewish philosophy.

*Prerequisite: JPH 1131 or 1132 or 1133 or 1134.*

**4933, 4934 Seminar. 3 credits.**

Extensive reading, discussion of current issues in Jewish philosophy, and preparation of papers. For students considering graduate study in Jewish philosophy.

*Prerequisite: senior status.*

**4950 Bachelor's Thesis. 9 hours. 3 credits.**

Independent work, under faculty guidance, in an area of philosophical study. An acceptable thesis will show diligent research in primary sources, scholarly organization, and clear exposition of material.

*Prerequisite: Jewish Philosophy major and senior status.*

**JEWISH STUDIES (JST)**

*Major: Yeshiva College  
MYP and BMP students*

Eight courses in Jewish Studies (consisting of at least 22 credits) beyond those taken for the general education requirements.

Five courses in an area of concentration, defined either in terms of a discipline or a chronological period. In addition, students must demonstrate competence in academic Hebrew.

Correlate: three courses beyond general education requirements in a discipline or area chosen by the student based on his particular interests in Jewish Studies and approved by the faculty.

No HES credits for study in Israel, MYP, or BMP may be counted toward the major.

A maximum of two courses taken outside of YC may be applied to the major with the approval of the faculty.

*Minor: MYP and BMP students*

Five courses consisting of at least 13 credits.

*IBC students*

Thirty-three (33) credits from Isaac Breuer College transferred to Yeshiva College.

No courses taken in the James Striar School may be counted toward the major at Yeshiva College.

**JUDAIC STUDIES (JUD)**

*Minor: Isaac Breuer College*

Twelve (12) credits in Judaic Studies courses and qualifying examination.

**1000 Introduction to Judaism. 3 credits.**

Brief survey in one term of the material covered in 1001, 1002.

**1001, 1002 Introduction to Judaism. 3 credits.**

Basic Jewish concepts; analysis of the fundamental principles of Jewish legal history and thought.

**1010 Jewish Civilization. 3 credits.**

Integrated, interdisciplinary study of Jewish history, Jewish philosophy, and Jewish law.

**1023; 1024 Jewish Legal Values and Concepts. 3 credits.****1200 through 1299 Jewish Liturgy.**

History, philosophy, and laws of Jewish prayer.

**1201; 1202. 3 credits.**

History, order, and structure of the prayer book. For intermediate-level students.

**1203; 1204. 3 credits.**

Same as 1201; 1202. For advanced students.

**1210. 3 credits.**

The weekday service.

**1215. 3 credits.**

The Sabbath service.

**1220. 3 credits.**

The Festival services.

**1350 Introduction to the Kabbalah. 3 credits.**

Jewish mysticism; history and development of the Kabbalah; readings from the Zohar and related works on such topics as the Sefirot, Torah, the world, evil, and eschatology.

*Prerequisite: one semester of Jewish Philosophy and sophomore status, or permission of the instructor.*

**1370 Hasidism. 3 credits.**

A one-term survey of the material covered in 1371, 1372.

**1371, 1372 Hasidism. 2–3 credits.**

History and major concepts, with readings from and analysis of classical texts such as the Baal Shem Tov, R. Jacob Joseph of Polonnoye, the Maggid, the Tanya, R. Nahman of Bratzlav, and R. Levi Yitzhak of Berdichev.

**1381 Mussar. 3 credits.**

The primacy of ethical conduct and the process of shaping the ethical personality in Judaism, as viewed through the prism of the various personalities and schools of the Mussar Movement; primary and secondary sources are used. For advanced students in Jewish Studies.

**1400–1499 Jewish Laws and Customs.**

Jewish laws, customs, and concepts, their history and development.

**1401, 1402. 3 credits.**

Introduction to sources, texts, terms, and basic concepts of Jewish law.

**1424. 3 credits.**

Visiting the sick and mourning.

**1431. 3 credits.**

Kashrut—for elementary-level students.

**1433. 3 credits.**

Kashrut—for intermediate-level students.

**1435. 3 credits.**

Kashrut—for advanced students.

**1440. 3 credits.**

Home and family—for beginning students.

**1441. 3 credits.**

Home and family—for intermediate-level students.

**1443, 1444. 3 credits.**

Home and family—for advanced students.

**1444. 2 credits.**

Family Law (Hilchot Niddah); Jewish family purity sources—for advanced students.

**1445, 1446. 3 credits.**

Women and Jewish law.

**1449. 3 credits.**

Marriage: issues and laws relating to dating and marriage—for advanced students.

**1451. 3 credits.**

The Sabbath—for elementary-level students.

**1453, 1454. 3 credits.**

The Sabbath—for students on the intermediate level.

**1455, 1456, 1457, 1458. 3 credits.****1455. 2 credits.**

The Sabbath—for advanced students.

**1461, 1462. 3 credits.**

The Festivals—for elementary-level students on the elementary level.

**1463, 1464. 3 credits.**

The Festivals—for intermediate-level students.

**1465, 1466, 1467, 1468. 3 credits.**

The Festivals—for advanced students.

**1470S through 1479S Sephardic Laws and Customs.**

Laws and customs of major Sephardic communities as compared to those of Ashkenazic communities.

**1471S. 2 credits.**

Origins and history of Sephardic minhagim.

**1473S. 2 credits.**

The Sephardic life cycle.

**1474S. 2 credits.**

Sephardic Sabbath and Festival minhagim.

**1483, 1484. 3 credits.**

The Jewish life cycle: laws and customs of major ritual observances and ceremonies in Jewish life.

**1485, 1486. 3 credits.**

Daily life in the home and synagogue: the laws and customs of Tefillin, Kriat Hatorah Betsibbur, Berakhot Rishonot, Berakhot Aharonot.

**1489, 1490. 3 credits.**

Interpersonal relationships (such as ethics, charity, slander, revenge, usury).

**1491, 1492. 3 credits.**

Topics in Jewish ethics—for advanced students.

**1493, 1494. 3 credits.**

Ideological issues—for intermediate-level students.

**1495, 1496. 3 credits.**

Ideological issues—for advanced students.

**1497, 1498. 3 credits.**

The Land.

**1499. 3 credits.**

The structure of the Seudah.

**1510 Development of Jewish Law. 3 credits.**

One-term survey of the material covered in 1511, 1512.

**1511, 1512 Development of Jewish Law. 2 credits.**

The halakhic process and the formulation of halakhic literature: from Biblical literature through the Mishnah and Talmud; codification and Responsa; survey of post-Talmudic literature.

**1521; 1522 Introduction to Gaonic Literature. 3 credits.**

First semester: background of the Gaon and his authority; institutions and movements in the Gaonic period. Second semester: extensive reading in Gaonic literature, including She'iltot de R. Ahai, siddurim; Gaonic Responsa. For advanced students in Jewish Studies.

**1531; 1532; 1533; 1534 Readings in Maimonides. 3 credits.**

Selections from the legal codes and commentaries of Maimonides; analysis of the legal methodology and philosophy of law emerging from his works. For advanced students in Jewish Studies.

**1561; 1562 Mishnah Berurah. 2 credits.**

Selections from the Shulhan Arukh, with Mishnah Berurah commentary.

**1571 through 1576 The Individual in Society. 3 credits.**

Contemporary social and political problems, such as ecology, poverty, welfare, and self-incrimination; emphasis on Jewish legal sources directly applicable to these issues.

**1580 through 1589 Modern Jewish Problems.**

Analysis of halakhic problems that are currently of special interest; modern Responsa literature and its historical background. For advanced students in Jewish Studies. Sponsored by Eva and Manfred Meyer.

**1580. 2 credits.****1580, 1581. 4 credits.**

Survey covering several areas.

**1582, 1583. 3 credits.**

Medical ethics.

**1584. 3 credits.**

Legal problems in the State of Israel.

**1585. 3 credits.**

Problems related to marriage and personal status.

**1586. 3 credits.**

Impact of technology on laws of the Sabbath and Festivals.

**1587. 3 credits.**

The Holocaust—life of the Jews under the Nazis: such problems as the value of human life and human dignity.

*Prerequisite: permission of the instructor.*

**1591 Topics in Jewish Civil Law. 3 credits.**

The following topics as treated in Jewish law: Eichmann defense (i.e., obedience to orders as a basis for exoneration from criminal responsibility); double jeopardy and entrapment in the attempt to control criminals; the obligation to prevent injury to other persons, and its limits.

**1661 through 1666 Liturgical Music. 1–2 credits.**

Practical and structural aspects of Jewish music, ranging from basic music patterns (nusah) and cantillation to such specialized applications as Torah and Megillah readings; shofar blowing; workshops.

*Prerequisite:* permission of the director, Philip and Sarah Belz School of Jewish Music.

**1677S; 1678S Sephardic Liturgical Music. 2 credits.**

Occidental and Oriental chants and cantillation; liturgy, music, and relevant background studies.

*Prerequisite:* permission of the director, Philip and Sarah Belz School of Jewish Music.

**1801; 1802 History of Talmudic Literature. 2 credits.**

First semester: history, structure, composition, and interrelationships of Tannaitic literature—Mishnah, Tosefta, and halakhic Midrashim; comprehension of its content in light of literary history; study of selected topics for illustrative purposes. Second semester: the Palestinian and Babylonian Talmuds.

*Prerequisite:* junior or senior status.

**1807; 1808 Mathematical and Scientific Concepts in the Talmud. 3 credits.**

Analysis of Talmudic passages in light of modern mathematical and scientific ideas.

**1820 through 1829 Mishnah.**

Text, with commentary of Bertinoro and other; classical and modern commentators.

**1821; 1822. 2–3 credits.**

Selections from Mishnah and commentaries. Three (3) credits for advanced students in Jewish Studies. Open to intermediate-level students for 2 credits.

**1823. 4 credits.**

Tractate Berakhot: blessings and prayers.

**1824. 2 credits.**

Tractate Megillah: Purim and related subjects.

**1825. 2 credits.**

Tractate Pesachim: Passover.

**1827; 1828. 2 credits.**

Tractate Avot: moral and ethical teachings.

**1835, 1836 Beginner's Talmud. 3 credits.**

Introduction to basic language and concepts of Mishnah and Gemara, for beginning students in Jewish Studies.

**1841; 1842 Introduction to Talmud. 3 credits.**

Introduction to Talmudic text and commentaries. For intermediate and advanced students in Jewish Studies.

**1843; 1844; 1845; 1846 Selections from the Talmud. 3 credits (1845 3–4 credits).**

Selected Talmudic texts with medieval and modern commentaries; emphasis on methodology; beit midrash method of small group study supplements lectures. For advanced students in Jewish Studies.

**1851, 1852 Selected Rabbinic Literature. 2 credits.**

Selections from fundamental rabbinic texts such as Ksot, Minhat Hinukh, Nesivot, Shev Shmatsa. Topics are related to the Talmudic tractate under study that year.

*Prerequisite:* two years of Talmud.

**1871; 1872 Selections from Midrash. 3 credits.**

Readings from aggadic literature. For advanced students in Jewish Studies.

**1940 Jewish Communal Service. 2 credits.**

A practicum in working for a Jewish communal organization.

**4901, 4902 Independent Study.**

Meet with the Yeshiva College Academic Dean.

**4931; 4932 Selected Topics. 2–3 credits.****4931 Judaism and Psychology.****LIBRARY (LIB)****1001 Information Skills. 1 credit.**

Knowledge and skills needed to locate specific information in the library, as well as to find material for an assignment or term paper. Geared to curricular and personal interest.

**MANAGEMENT (MAN)***Major: Sy Syms School*

Business Core (12 courses; 36 credits): ACC 1001, 1002; BLW 2021; ECO 1011, 1021, 1221; FIN 1001; INF 1020; MAN 1020; MAR 1001; STB 1131, 1456 or 1601; MAN 2110, and four courses chosen from MAN 2370, 3601, 3610, 3701, 3720, 3730, 3780, 3786, 3790, 3796, 3834, 4635, 4930 (15 credits); business electives: four courses chosen from ACC, ENT, FIN, INF, MAR (12 credits); and MAN 4970.

*Minor: Sy Syms School*

Five courses chosen from MAN 2110, 2370, 3601, 3610, 3701, 3720, 3730, 3780, 3786, 3790, 3796, 3834, 4635, 4930 (15 credits).

**1020 Principles of Management. 3 credits.**

The nature, functions, and responsibilities of management; various systems of managerial thought and decision making; formal and informal organization; systems concepts; organizational styles; control systems; organizational changes and adaptation.

**2110 Organizational Behavior. 3 credits.**

An understanding and appreciation of the complexities in balancing organizational goals with human needs. Covers classical behavior, social systems, management science, and empirical theories of organization. Role theory, group dynamics, motivation, leadership, decision making and communications are presented.

*Prerequisite:* MAN 1020.

**2370 Human Resources. 3 credits.**

An Exploration of human resources management as a facilitator of the effective use of personnel to achieve corporate objectives. The linking of human resources management to strategic planning, employee recruitment, development, and impact of equal opportunity employment programs, human resources forecasting, training programs, performance evaluation, direct and indirect compensation, and comparable worth.

*Prerequisite:* MAN 1020.

**3601 International Business. 3 credits.**

The environment of international business. Problems, policies, and operations of multinational corporations, with a focus on global logistics and production planning, alternative forms of ownership, and methods of control.

*Prerequisite:* MAN 1020.

**3610 Health Care Management. 3 credits.**  
 An introduction to the functional role of the health services manager in various organizational settings, utilizing contemporary case studies. An overview of health-care delivery systems in the United States, hospital administration on both the inpatient and outpatient sides, physician practice management, long-term and home health care, fundamentals of health-care reimbursement, the impact of managed-care organizations, and strategic planning and marketing.  
*Prerequisite: MAN 1020.*

**3701 Business and Society. 3 credits.**  
 The inter-organizational problems that confront the corporate system in its interrelationships with individuals, government, and the global society. Corporate social responsibility, competition, employee relations, collective bargaining, and analyzing ethical and cultural issues.  
*Prerequisite: Upper-class standing or permission of Sy Syms Dean.*

**3720 Business Policy. 3 credits.**  
 Capstone course integrating courses in business; defines and analyzes the formulation and implementation of corporate objectives and strategies; uses cases and/or computer simulations to develop policy skills.  
*Prerequisite: MAN 1020 and upper-class status at Sy Syms School.*

**3730 Business in a Global Society. 3 credits.**  
 The key elements in the challenge facing policy makers as the United States positions itself to compete in the global marketplace. Managers facing international decisions make judgments that determine which countries flourish and which do not. This course considers why some countries and their corporations have managed to outpace others and increase their power and influence in the world.  
*Prerequisite: senior status.*

**3780 Principles of Entrepreneurship. 3 credits.**  
 (Same as ENT 3780.)  
 New venture initiation and development; the practical approach to developing and implementing procedures and techniques for starting an enterprise. Class discussions based on readings and case studies.  
*Prerequisite: MAN 1020.*

**3786 New Venture Planning. 3 credits.**  
 (Same as ENT 3786.)  
 Use of the business plan, the critical element of entrepreneurship, as a guide to the successful operation of a business venture. Students learn the essential ingredients necessary for an effective plan, select and present an enterprise that they are personally interested in, and develop a persuasive written plan that can be used to attract financing, key employees, and mentors.  
*Prerequisite: MAN 1020.*

**3790 Managing a Growing Business. 3 credits.**  
 (Same as ENT 3790.)  
 Managing and enhancing an ongoing growth business organization, including establishing a management team, satisfying investors, and building loyal customers. Labor employment laws, merger and acquisition strategy, strategy for capital foundation, and business conflicts and resolutions.  
*Prerequisite: MAN 1020.*

**3796 Franchising, Licensing, and Distributorships. 3 credits.**  
 (Same as ENT 3796.)  
 Essential elements of franchising from the viewpoint of both franchiser and franchisee. Explore the franchising opportunities and their planning and implementation. Discussion of licensing and distributorship as viable business ventures.  
*Prerequisite: MAN 1020.*

**3834 Management and Technology. 3 credits.**  
 (Same as INF 3834.)  
 Examines information technology as a managerial resource. Extensive discussion and analysis of the organization's structural, cultural, and operational resources as they relate to the information technology function.  
*Prerequisite: INF 1020, MAN 1020.*

**4635 Seminar in Business Ethics. 3 credits.**  
 Organized around six practical but open-ended questions, this course examines the central role of ethics for business decision making. Presents the concept of corporate social responsibility from various theoretical perspectives, including Jewish values. Specific issues are discussed and evaluated.  
*Prerequisite: junior or senior status.*

**4930; 4931; 4932 Seminar: Contemporary Problems in Business. 3 credits.**  
 (Same as ENT 4930; 4931; 4932.)  
 Today's business environment requires imaginative leadership to deal with the turbulent global marketplace. Top executives from leading multinational corporations present a general overview and discuss the corporate culture of their organizations, outline the competitive climate in their industries, and share their views of what ingredients are needed to survive in today's fast-changing economic environments.  
*Prerequisite: upper-class status or permission of Sy Syms Dean.*

**4970 Senior Research Paper. 1 hour.**  
**No credit.**  
 An individualized approach to assisting each student in selecting a topic and designing and completing his senior research paper required for graduation. Students work one-on-one with a faculty member in their discipline.  
*Prerequisite: senior status.*

**MARKETING (MAR)**

*Major: Sy Syms School*  
 Business Core (12 courses; 36 credits): ACC 1001, 1002; BLW 2021; ECO 1011, 1021, 1221; FIN 1001; INF 1020; MAN 1020; MAR 1001; STB 1131, 1456 or 1601; and five courses chosen from MAR 2210, 2255, 2410, 2415, 2501, 2621, 3313, 3321, 3325, 3331, 3341, 3345 (15 credits); Business electives: MAN 2110 and three courses chosen from ACC, FIN, INF, MAN (12 credits); and MAR 4970.

*Minor: Sy Syms School*  
 5 courses chosen from MAR 2210, 2255, 2410, 2415, 2501, 2621, 3313, 3321, 3325, 3331, 3341, 3345 (15 credits).

**1001 Principles of Marketing. 3 credits.**  
 Marketing as a system of satisfying human wants; analysis of all levels, from producer to consumer; emphasis on planning for efficient use of marketing tools in the development and expansion of markets; principles, functions, and tools of marketing.

**2210 Direct Marketing. 3 credits.**  
 (Same as ENT 2210.)  
 Selling directly to the consumer or business entity. Examines various aspects of direct marketing such as the use of catalogs, mail order, mailing-list selection, TV, radio, print, and telemarketing. Focuses on the management utilization of direct marketing strategy and implementation.  
*Prerequisite: MAR 1001.*

**2255 E-Commerce: Internet Marketing. 3 credits.****(Same as ENT 2255/ INF 2255.)**

The practical applications of e-commerce in the marketplace today, including both customer to business and intra-business interactions. Associated business models, security and firewalls protocols (authentication, encryption, SSL, X.509, LDAP), electronic payment protocols (SET, e-cash), collaboration/on-line catalogs, and the required network infrastructure (TCP/IP).

*Prerequisite: INF 1020, MAR 1001.***2410 Sales Management. 3 credits.****(Same as ENT 2410.)**

A survey of the sales management field and analysis of sales force management. Organizing; staffing and training a sales force; directing sales force operations; sales planning; and evaluating sales performance.

*Prerequisite: MAR 1001.***2415 Retail Management. 3 credits.****(Same as ENT 2415.)**

Starting, developing, and growing a retailing organization, from both entrepreneurial and professional managerial perspectives. How retailing enhances the marketing mix, improves the effectiveness of the distribution network, and dynamically evolves in conjunction with environmental factors.

*Prerequisite: MAR 1001.***2501 Buyer Behavior. 3 credits.**

How and why people behave as buyers—either consumer or industrial. A conceptual understanding of buyer behavior. Applies the principles to marketing management, and the development of analytic capability in using behavioral research data and methodology.

*Prerequisite: MAR 1001.***2621 Marketing Research. 3 credits.**

Development of research design, from problem formulation to analysis and submission of proposals to management techniques such as experimental design, sampling, statistical analysis, and reporting. Cases are used in the application of marketing research to a variety of marketing problems.

*Prerequisite: MAR 1001, STB 1131.***3313 Advertising Management. 3 credits.**

The practice of advertising as affected by relevant behavioral science and management science theory; the decision-making process regarding advertising objectives, copy selection, media selection, and budget setting.

*Prerequisite: MAR 1001.***3321 Product Strategy. 3 credits.**

Product strategy as part of the firm's overall strategy; management of product portfolio, product life cycles, pricing, promotion, introduction, positioning, improvements, and deletion.

*Prerequisite: MAR 1001.***3325 Sales Promotion. 3 credits.**

The increasing use of sales promotion in the marketing program represents a change in the fundamental, strategic decisions regarding how companies market their products and services. This course utilizes a managerial approach to sales promotion campaign development with an emphasis on sales promotion strategy as a component of the total marketing mix. Consumer promotion and event marketing are analyzed as important elements. Topics include sales promotion objectives, consumer sales promotion tools (e.g., samples coupons, premiums, contests and sweepstakes, refunds and rebates), and trade sales promotional tools (e.g., trade allowances, displays and point of purchase), sales training, trade shows, and measurement and evaluation of sales promotions. Students have an opportunity to develop a sales promotion campaign.

*Prerequisite: MAR 1001.***3331 Business to Business Marketing. (formerly Industrial Marketing) 3 credits.**

An overview of inter-corporate marketing relationships leading toward building and maintaining long-term profitable strategic alliances. The similarities and differences between business and consumer marketing; channel development, evolution and control; vendor and value analysis; inventory policy and control; forecasting; impact of hard goods versus services on marketing decisions; marketing and promotion planning and implementation.

*Prerequisite: MAR 1001.***3341 International Marketing. 3 credits.**

Issues involved in entering overseas markets and conducting marketing operations on a multinational scale; identification and evaluation of opportunities in overseas markets and adapting marketing strategies to these markets consistent with their unique environments.

*Prerequisite: MAR 1001.***3345 International Export Promotion. 3 credits.**

The promotion mix from a global point of view, including the framework for managing advertising, selling, public relations, and sales promotion. Comparison and contrast with purely domestic promotional strategy is engaged through extensive case analysis. Importing and sourcing from outside the United States also is covered.

*Prerequisite: MAR 1001.***4970 Senior Research Paper. 1 hour. No credit.**

An individualized approach to assisting each student in selecting a topic and designing and completing his senior research paper required for graduation. Students work one-on-one with a faculty member in their discipline.

*Prerequisite: senior status.***MATHEMATICS (MAT)***Major: Yeshiva College*

General Track:

MAT 1412, 1413, 1510, 1520, 1521, 2105, and 12 additional credits in advanced MAT courses (STA 1320 and 1460 may be counted); also three correlate courses approved by the senior professor (PHY 1041-1042 R&L and COM 1300 are strongly recommended). Students interested in actuarial mathematics are advised to take STA 1320 and 1460. For such students, ECO 1011, 1021 and COM 1300 are recommended correlates.

Computer Track:

MAT 1412, 1413, 1510, 2105, and one of the following sequences approved by the senior professor: 1) MAT 1520, 1521; 2) MAT 2215, 2216; 3) STA 1320, 1460. Also COM 1300, 1320, 1504, 1621, 2545, 2117 and one of COM 3563, 3620, 3640.

*Minor: Yeshiva College*

MAT 1412, 1413 and 12 additional MAT credits in a planned course of study approved by the senior professor.

The normal sequence of courses in the first two years is 1412, 1413, 1510, and 2105. A mathematics placement examination is administered during the period of orientation. Students must take this test before registering for Mat 1160, 1412.

Courses in statistics are listed under STA and STB.

**1020 Introduction to Finite Mathematics. 3 credits.**

Elements of probability, methods of counting, and combinatorics; linear equations and inequalities; analytic geometry of lines and planes; vectors and matrices; applications to social and management sciences.  
*Prerequisite: two years of high school mathematics.*

**1160 Introduction to Elementary Functions. 3 hours of lecture. 2 hours of recitation. 4 credits.**

Number systems, functions, equations, and inequalities; algebra of polynomials, exponentials, and logarithms; analytic geometry of lines and circles; vectors, trigonometry, and complex numbers.  
*Prerequisite: two years of high school mathematics and placement by examination.*

**1320 Mathematical Statistics. 3 credits. (See STA 1320.)**

**1350 Queuing Theory. 3 credits. (See STA 1350.)**

**1412, 1413 or 1413H Calculus I, II. 3 hours of lecture. 2 hours of recitation. 4 credits.**

First semester: limits, continuity, derivatives; applications to graphing, maxima and minima, and related rates; mean value theorem; integration, fundamental theorem of the calculus, integration by substitution. Second semester: applications of integration in geometry and physics; methods of integration; improper integrals; indeterminate forms; numerical integration; sequences, power series, and Taylor series, polar coordinates; parametric equations.  
*Prerequisite: three years of high school mathematics and placement by examination, or MAT 1160. Students in sections taught in computer-assisted mode pay a fee of \$40 per semester.*

**1460 Probability Theory. 3 credits. (See STA 1460.)**

**(1471, 1472 Honors Calculus I, II.)**

**(1481, 1482 Vector Calculus with Linear Algebra.)**

**1510 Multivariable Calculus. 3 credits.** Limits and continuity in Euclidean spaces; partial derivatives, gradient, and chain rule; maxima and minima with constraints; multiple integrals, cylindrical and spherical coordinates; vector calculus; theorems of Green, Gauss, and Stokes.  
*Prerequisite: MAT 1413.*

**1520, 1521 Advanced Calculus I, II. 3 credits.**

Real numbers; theorems on limits; continuous, differentiable, and integrable functions; sequences and series of functions; metric space methods, fixed points, existence theorems for differential equations; implicit function theorem.  
*Prerequisite: MAT 1510.*

**1540, 1541 Functions of a Complex Variable I, II. 3 credits.**

Analytic functions, Cauchy-Riemann equations, Cauchy integral formula, residue theory, conformal mappings.  
*Prerequisite: MAT 1520 or 2601.*

**2105, 2106 Linear Algebra I, II. 3 credits.**

Systems of linear equations, Gaussian elimination, and matrices; vectors in Euclidean space; linear mappings and matrix multiplication; vector spaces, linear independence, and bases; determinants; characteristic roots and vectors, Cayley-Hamilton theorem, and similar matrices; quadratic forms; spectral theory; multilinear functions.  
*Prerequisite: MAT 1412.*

**2215, 2216 Modern Algebra I, II. 3 credits.**

Basic concepts of modern abstract algebra: groups, rings, and fields, with illustrations and applications, particularly in elementary number theory; some applications of the theory of fields to the theory of equations.  
*Prerequisite (with permission, corequisite): MAT 2105.*

**2601 Differential Equations. 3 credits.**

Ordinary differential equations, with applications to problems in physics and geometry; linear systems of equations.  
*Prerequisite: MAT 1413.*

**3301, 3302, 3303, 3304 Topics in Modern Mathematics. 3 credits.**

Selected subjects in analysis, algebra, geometry, actuarial, and applied mathematics. Students may register for up to four semesters with permission of the senior professor.  
*Prerequisite: junior status and permission of the instructor.*

**(3610 Theory of Interest.)**

**4541 Numerical Analysis. 3 credits. (See COM 4541.)**

**4901, 4902 Independent Study.**  
*Meet with the Yeshiva College Academic Dean.*

**4931, 4932 Selected Topics. 1 credit.** Seminar in current problems and literature of mathematics.  
*Prerequisite: permission of the instructor.*

**4933, 4934 Problem Seminar. 2 hours. 1 credit.**

Techniques for solving problems in mathematics. Recommended for all Mathematics majors and particularly for those who are preparing for the Putnam competition.  
*Prerequisite: permission of the instructor.*

**MUSIC (MUS)**

*Major: Yeshiva College*  
PHILIP AND SARAH BELZ PROGRAM: MUS 1111A, 1350-1351, 2111-2114, 2111L-2112L, plus an additional 13 MUS credits, including courses in each of the four areas within the discipline (Music History and Literature, Music Theory, Musical Performance, and Applied Study) as determined by the department advisor in consultation with each student. Students may count toward the major no more than 6 credits total in Musical Performance and Applied Study, with no more than 4 credits in Applied Study. Department advisor: Dr. N. Bartholomew.

Music majors must take a keyboard proficiency exam upon entrance to MUS 2111. A student who does not pass the exam must take Keyboard Skills, MUS 2113L, and/or 2114L, depending on placement. The 1 credit for each term of Keyboard Skills counts toward the maximum 4 credits in Applied Study.

*Minor: Yeshiva College*  
MUS 1111A, 1350-1351, 2111-2112 plus an additional 6 credits from any of the four areas noted above. Students may count no more than 4 credits total in Musical Performance and Applied Study toward the minor.

**1111A The Sense of Music. 2 credits.** Insight into the art of music through guided listening experiences that aim to develop aural perception, a historical perspective, an awareness of the formal processes of music, and some critical bases for esthetic discrimination; emphasis on the cultivation of helpful listening habits. No previous training in music is required.

**1141 or 1141H The Interpretation of Text Through Sound. 3 credits.** Texts, music and their symbiosis.



**1341 Music from Antiquity Through the Renaissance. 2 credits.**

Evolution of the forms and practices of Western music, in antiquity, the medieval and the Renaissance eras; the development of polyphony and secular art music, emphasizing the works of Dufay, Ockeghem, Josquin, Willaert, Gesualdo Gabrieli, and Monteverdi.

*Prerequisite: MUS 1111.*

**1350 Music in the Baroque and Classical Eras. 3 credits.**

The development of triadic music, tonality, and its forms in the Baroque era and continuing through the classical era. The growth of opera, concerto, fugue, sonata, and symphony; Western music from Monteverdi to Beethoven.

**1351 Music in the Romantic and Modern Eras. 3 credits.**

Musical practices in the 19th and 20th centuries, beginning with Beethoven's monumental and universal works and their influence on later generations; the increase in chromaticism through the romantic era, the breakdown of tonality, and the harmonic-contrapuntal techniques and structural principles of 20th-century music; Western music from Beethoven to Adams.

**1381 History of Jazz, Blues, and American Popular Music. 3 credits.**

African, Afro-American, and Euro-American musical genres in the 19th century after emancipation; the mutual cross-cultural assimilation of these genres that synthesized into new, uniquely North American popular and then art music in the 20th century. Jazz styles considered in depth include traditional (early jazz), swing, bebop, modal and free jazz, emphasizing recordings of influential, innovative performers of each era.

**1400 or 1400H The String Quartet. 3 credits.**

**1400 The String Quartet. 3 credits.**

A genre course that provides insight into the art of music through guided listening experiences that aim to develop aural perception, a historical perspective and understanding of the formal processes in string quartets since Haydn's Op. 33, and some critical bases for aesthetic discrimination. No previous training in music is required.

**(1661 Survey of Operatic Literature.)**

**1931, 1932 Musicology. 2-3 credits.**

Seminars in special topics, one normally scheduled every other year after consultation with prospective students. The music of Bach; Haydn, Mozart and classicism; Beethoven; Chopin and the piano; the age of Brahms; Schoenberg and Stravinsky; jazz giants.

*Prerequisite: completion of Music 2112 and at least one course in music history (1341, 1350, 1351, or 1381).*

**2111-2112 Diatonic Harmony. 3 credits.**

Structural foundations of tonal music; principles of melodic construction, voice leading, harmony, and counterpoint in tonal music.

*Prerequisite: ability to read music.*

*Corequisite: an ear training laboratory (2111L-2112L) determined by placement exam given at the beginning of the term.*

**2113, 2114 Chromatic Harmony. 3 credits.**

Continuation of 2111-2112. Principles of chromatic voice leading and chromatic harmony. Exploring those topics through model composition and analysis. The second semester also offers an introduction to post-tonal theory and analysis.

*Prerequisite: Music 2112.*

**2111L-2112L, Ear Training I and II. 1 credit.**

Laboratory course designed to help students master the skills covered in MUS 2111, 2112. Emphasis on the development of relative pitch memory and recognition of interval, chord, and chord inversion.

Students learn sight-singing from simple melodies and counterpoints, and practice elementary skills of chordal accompaniment at the keyboard.

*No prerequisites.*

*Corequisite: MUS 2111-2112.*

**2113L, 2114L. Keyboard Skills I and II. 1 credit.**

Piano instruction for adult beginners; practice techniques to the level of Bach's Inventions and Clementi's Sonatas.

**2127, 2128 Advanced Theory and Composition. 1-2 credits.**

Seminar for advanced students. Includes MIDI studies, electric-acoustic techniques, and composition.

*Prerequisite: MUS 2114.*

**3303; 3304; 3305; 3306 Choral Ensemble. 1 credit.**

Analysis and performance of choral music of various styles; principles of ensemble singing and group leading. No prior musical or vocal experience is required. Students may register for any four semesters in any order.

**3461 through 3469 Musical Performance and Interpretation. 1-2 credits.**

Music of selected composers rehearsed and analyzed to develop performance skills, an awareness of musical styles, and an approach to musical interpretation:

**3461 through 3466 Classical Chamber Music (e.g., Bach, Schubert, Brahms).**

**3467 through 3469 Jazz Ensemble.**  
*Prerequisite: ability to play a musical instrument or sing and to read music, and permission of the instructor.*

**4011 through 4016 Voice Culture. 1 credit.**

Elements of voice training for singing and speaking; vocal physiology and hygiene; principles of song study. General instruction and individual attention.

*Prerequisite: permission of the instructor.*

**4111; 4112; 4113; 4114 Applied Musical Studies. 1-3 credits.**

Vocal or instrumental music lessons arranged by the Music staff. Literature, materials, techniques. A maximum of 9 credits may be taken in such courses. Fee on an individual basis, dependent on extent and nature of services provided.

*Prerequisite: permission of the senior professor. (The above courses replace 4901, 4902 found in other disciplines.)*

**PHILOSOPHY (PHI)**

*Major: Yeshiva College*

PHI 1100, 1600, and 4931; two courses chosen from 2170, 2420 or 2560; and 15 additional credits in PHI courses. In addition, a three-course sequence in a subject related to the major, chosen with the written approval of the department advisor. Department advisor: Dr. Johnson. Up to 6 JPH credits may count toward the major with the permission of the department advisor.

*Minor: Yeshiva College*

PHI 1100, 1600; two of 2170, 2420, 2560; and 6 additional credits in PHI courses chosen with the written approval of the department advisor.

Courses in Jewish philosophy are listed under JPH.

**1010 or 1010H Philosophy and Propositional Logic. 3 credits.**

Truth, semantic paradoxes, conditionals and probability, possible worlds, vagueness, logical consequence, and other crucial topics in philosophy.

**1011 Introduction to Philosophy I. 3 credits.**  
Introduction to the problems of ethics, political and social philosophy, philosophy of religion, and esthetics.

**1012 Introduction to Philosophy II. 3 credits.**  
Introduction to the problems of metaphysics, epistemology, and philosophy of science.

**1100 Logic. 3 credits.**  
An introduction to formal logic.

**1130 Symbolic Logic. 3 credits.**  
Advanced logic. Topics are selected from the following: 1) soundness and completeness proofs, 2) meticulous examination of Gödel's proof of his first incompleteness theorem, 3) modal logic, 4) axiomatic set theory.  
*Prerequisite: PHI 1100.*

**1220 Philosophy of Language. 3 credits.**  
Theories of meaning, reference, and truth.

**1320 Theories of the Mind. 3 credits.**  
Examination of rival conceptions of mind and self, and of differing explanatory models for human behavior.

**1360 Theory of Knowledge. 3 credits.**  
Concepts of sense perception, memory, knowledge, and belief; principle of verifiability and problems of induction. Emphasis on contemporary views.  
*Prerequisite: one semester of PHI.*

**1400 Philosophy of Science. 3 credits.**  
Fundamental conceptions of the empirical and mathematical sciences, such as explanation, law, theory, space, determinism, and reduction.  
*Prerequisite: one semester of PHI or one year of science or mathematics.*

**1550 Metaphysics. 3 credits.**  
Current metaphysical problems, with topics to be selected from the following: nature of metaphysical reasoning, problems of language and reference, mind-body problem, determinism and free will, causality, personal survival, and the philosophical concept of God.  
*Prerequisite: one semester of PHI.*

**1600 Ethics. 3 credits.**  
Fundamental moral problems such as the place of pleasure and happiness in the moral life, and the relation between individual interests and social obligations. Readings from classical and contemporary works.

(1800 Philosophy of Art.)

**2170 Ancient and Medieval Philosophy. 3 credits.**  
From the Pre-Socratics to Thomas Aquinas, with emphasis on Plato, Aristotle, Augustine, Boethius, and Aquinas.

**1932H Freshman Honors Seminar II: Modernity.**

**2420 Modern Philosophy. 3 credits.**  
Continental rationalism and British empiricism, from Descartes to Hume.

**2560 Philosophy in the Nineteenth and Twentieth Centuries. 3 credits.**  
The chief contributions of Kant, Hegel, Schopenhauer, Nietzsche, James, Russell, and Ayer, and Wittgenstein.

**2640 Contemporary Analytic Philosophy. 3 credits.**  
Philosophical analysis, logical positivism, and ordinary-language philosophy; representative selections from Russell, Moore, Wittgenstein, Ryle, Ayer, and J. L. Austin.  
*Prerequisite: one semester of PHI.*

**2650 Phenomenology and Existentialism. 3 credits.**  
Critical examination of these two related movements, with special attention to the works of Husserl, Heidegger, and Sartre.

**3200 Classical Political Philosophy. 3 credits.**  
Theories of great political philosophers from Plato to Hegel; analysis of various interpretations of history, the nature of man, justice, liberty, and authority. (Not open to students who have taken POL 1801.)  
*Prerequisite: one semester of PHI or POL 1001 or 1040.*

**3402 Philosophy of Law. 3 credits.**  
Fundamental questions about the nature and scope of law, grounds for legal obligation, and the justification of particular jural practices such as punishment.

**4901, 4902 Independent Study.**  
*Meet with the Yeshiva College Academic Dean.*

**4930 Selected Topics. 3 credits.**  
Special topics, issues, and movements in philosophy.  
*Prerequisite: one semester of PHI and permission of the instructor.*

**4931, 4932 Seminar. 3 credits.**  
Intensive analysis of a philosopher, a philosophic concept, or a philosophic movement.  
*Prerequisite: one semester of PHI and permission of the instructor.*

## PHYSICAL EDUCATION AND ATHLETICS (PED)

The Department of Physical Education and Athletics offers an extensive program of credit-bearing courses, intercollegiate athletics, intramural athletics and recreational opportunities. Undergraduates are invited to participate in scheduled activities and/or in open recreation. All courses consist of theoretical and practical instruction in the skills, rules, strategies and appreciation of the particular sport or activity. Most courses require textbooks, strenuous activity, and regular participation. The Wellness and Fitness course, PED 2112, is the cornerstone of the program; therefore, students are encouraged to select Wellness and Fitness as the first required course. All undergraduates must successfully complete two credit-bearing courses before graduation.

No physical education course may be repeated for credit, with the exception of the courses that involve participation on a varsity team (basketball, cross-country, fencing, golf, soccer, tennis, volleyball and wrestling).

In all .5-credit courses, the only grades assigned by the faculty are P or F; in all 1-credit courses, the only grades assigned are A, P, or F.

**2112 Wellness and Fitness. .5–1 credit.**  
The following courses are normally .5 credit. Courses that involve participation on a varsity team may be taken for .5 or 1 credit.  
**1120 to 1129 Golf.**  
**1321 to 1329 Volleyball.**  
**1341 to 1349 Tennis.**  
**1421 to 1429 Basketball.**  
**1511 to 1519 Soccer.**  
**2111 to 2119 Physical Fitness.**  
**2311 to 2316 Track & Field.**  
**2317 to 2319 Cross-Country.**  
**2421 to 2429 Wrestling.**  
**2441 to 2449 Martial Arts.**  
**2461 to 2469 Fencing.**  
**3101 to 3109 Swimming.**

**4401 to 4409 Physical Education Fieldwork. .5 credit.**  
The practice of leadership in implementing rules of play, officiating, and group control at athletic contests.

**4631 to 4639 Corrective Physical Education. .5 credit.**  
Special prescribed exercises and activities for students who have physical disabilities or special medical problems.

**PHYSICS (PHY)***Major: Yeshiva College*

Thirty-two (32) credits in physics courses. PHY 1041 R&L, 1042 R&L, 1120, 1810 and 17 credits in PHY electives, which must include at least three courses from the following: PHY 1221, 1321, 1510, 1621 and MAT 1412, 1413. MAT 1510, 2105 are strongly recommended.

Pre-engineering students who wish to fulfill the requirements for a Physics major may satisfy up to 9 credits with coursework, chosen with the approval of the senior professor, at Columbia University School of Engineering and Applied Science.

*Minor: Yeshiva College*

22 credits in physics courses.

All students either majoring or minoring in Physics must consult with the senior professor for guidance as to an appropriate program.

**1021 The Physical Universe. 2 credits.**

Interdisciplinary course for non-science majors, emphasizing the main ideas in astronomy and the physics of motion, light, heat, and electricity. Not open to students who have completed any college course in physics.

*Corequisite: PHY 1021L.*

**1021L The Physical Universe Lab. 2 hours. 1 credit.**

Laboratory experiments designed to help the student master the principles covered in PHY 1021.

*Laboratory fee: \$40.*

*Corequisite: PHY 1021R.*

**1026R Introduction to Astronomy: Planets. 2 credits.**

History of astronomy; early models of the universe. The Copernican Revolution and the Newtonian Universe. The solar system: from terrestrial and Jovian planets to comets and asteroids. Possibility of organic life elsewhere in the solar system and beyond. Future evolution of our planetary system. Recently discovered planetary systems around other stars.

*Corequisite: PHY 1026L.*

**1026L Introduction to Astronomy: Planets—Laboratory. 1 credit.**

Hands-on experiments and computer simulations illustrating concepts introduced in the course. Observations of planets, stars, galaxies, and nebulae with the University's 12-inch telescope.

*Laboratory Fee: \$50.*

*Corequisite: PHY 1026R.*

**1027R Introduction to Astronomy: Stars. 2 credits.**

Birth, life, and death of stars: from proto-stars, main sequence, red giant stages to white dwarfs, neutron stars, and black holes. The Milky Way galaxy. Evolution of galaxies and their types. Hubble law and expansion of the universe. Big bang and inflation theory.

*Corequisite: PHY 1027L.*

**1027L Introduction to Astronomy: Stars—Laboratory. 1 credit.**

Hands-on experiments and computer simulations illustrating concepts introduced in the course. Observations of planets, stars, galaxies, nebulae with the University's 12-inch telescope.

*Laboratory Fee: \$50.*

*Corequisite PHY 1027R*

**1031R, 1032R Introductory Physics—Lectures. 4 credits.**

**4 hours of lecture.  
1 hour of recitation.**

Non-calculus-based version of PHY 1041R-1042R.

*Corequisite: PHY 1031L, 1032L.*

**1031L, 1032L Introductory Physics—Laboratory. 2 hours of lab. 1 credit.**

Non-calculus-based version of PHY 1041L-1042L.

*Laboratory fee: \$40 per semester.*

*Corequisite: PHY 1031R, 1032R.*

**1036 Physics Problems for Pre-Health. 1 credit.**

Complement to PHY 1031-1032. Topics include modern physics, optics, fluid mechanics, and other subjects of interest to the health sciences. Emphasis on problem-solving techniques.

*Prerequisites: PHY 1031-1032.*

**1041R, 1042R General Physics—Lectures. 4 credits. 4 hours of lecture. 1 hour of recitation.**

Introduction to Newtonian mechanics for particles, systems of particles, and rigid bodies. Notions of fluid mechanics and elasticity. The physics of waves and geometrical and physical optics. Theory of gravitation. Theory of electricity and magnetism. Direct current and alternate current circuits. The Maxwell's equations.

*Prerequisite or corequisite: MAT 1412, MAT 1413.*

*Corequisite: PHY 1041L, 1042L.*

**1041L, 1042L General Physics—Laboratory. 2 hours. 1 credit.**

Laboratory experiments designed to help the student master the principles covered in PHY 1041R-1042R. Covers mechanics, heat, optics, elasticity, electricity, circuits, and magnetism.

*Laboratory fee: \$40 per semester.*

*Corequisite: PHY 1041R, 1042R.*

**1041H, 1042H Honors General Physics. 4 credits.**

This course complements 1041R, 1042R. Lectures with an honors recitation section and/or honors laboratory section.

**1110 Waves and Optics. 3 credits.**

Introduction to normal modes in discrete and continuous systems, linearization, basic Fourier analysis, and applications. Traveling waves on strings, sound waves, introduction to electromagnetic waves. Wave reflection, refraction, and partial transmission. Doppler effect. Waves on transmission lines and characteristic impedance. Group velocity, pulses, wave packets, Fourier integral, bandwidth theorem. Elements of geometrical optics. Fermat's principle. Physical optics: interference, diffraction, limit of resolution, applications.

*Prerequisites: PHY 1041, 1042. Corequisite: MAT 1510.*

**1120 or 1120H Introduction to Modern Physics. 3 credits.**

Introduction to Einstein's theory of relativity. Time dilation and length contraction.  $E = MC^2$ . The great experiments that shaped 20th-century physics. The blackbody radiation. The basis of kinetic theory. Quantum theory and Bohr's model of the atom. Waves of matter, wave-particle duality and the uncertainty principle. Schroedinger's equation.

*Prerequisite: PHY 1041-1042 (R&L).*

**1221 or 1221H Classical Mechanics. 4 credits.**

Particle motion in space, time or velocity-dependent potentials. Damped and driven oscillations and resonances. Elements of non-linearity and chaos. Non-inertial reference systems. Motion relative to the Earth. Central forces. Planetary motion. Orbital dynamics.

*Prerequisite:* PHY 1041–1042 (R&L).

*Recommended:* MAT 1510.

**1222 Advanced Mechanics. 4 credits.**

Systems of particles. Variable mass. Collision theory. Lagrangian mechanics. Constraints. Variational calculus and Hamilton's equations. Rotations of rigid bodies. Euler's equations. Tensor analysis. Small coupled oscillations and normal coordinates. Fluid mechanics. Viscosity. Relativistic mechanics.

*Prerequisite:* PHY 1041–1042 (R&L).

*Recommended:* MAT 1510, 2105, PHY 1221.

**1222B Mechanics for Engineers II. 4 credits.**

Same as PHY 1222 with added material in Mechanics designed specifically for Pre-Engineering majors. Statics. Methods of analysis of trusses. Cables under loads.

**1321 Electromagnetic Theory. 3 credits.**

Review of vector calculus. Electro- and magnetostatics, multipole expansions, time-dependent fields. Development of Maxwell's equations. Laplace and Poisson equations, boundary value problems. Electromagnetic wave equation, plane waves in a vacuum. Poynting vector, "blue sky law." Microscopic and phenomenological theories of dielectric and magnetic materials. Resistors, capacitors, inductors, and their uses in circuits, transformers; generalized forces on charges in electromagnetic fields.

*Prerequisite:* PHY 1042 (or PHY 1032 with permission of the instructor).

*Corequisite:* MAT 1510 or equivalent.

**1322 Electromagnetic Theory II. 3 credits.**

Relativistic transformation of fields and covariance of Maxwell's equations. Polarizability tensor, electrodynamics in matter. Electromagnetic radiation by accelerating charges; Lienard-Wiechert potentials, multipole radiation, bremsstrahlung, synchrotron radiation, applications to astrophysical sources. Antennas. Electromagnetic wave propagation in matter. Electromagnetic basis of physical optics. Fresnel equations, Kirchoff diffraction theory. Wave-guides and cavity resonators.

*Prerequisite:* PHY 1321.

**1401 Introduction to Solid State Physics. 3 credits.**

A survey of the properties of condensed matter. Classification of crystalline lattices. Elements of crystallography. Cohesive forces in solids. Vibrations of crystals. Quantization. Debye and Einstein theories of phonons and thermal conductivity. Free electron theory of metals. Bloch functions and band theory. The Fermi surface. Semiconductors. Survey of advanced topics: excitations in lattices (plasmons and polarons), superconductivity, magnetic materials and models, theory of crystalline defects and alloys.

*Prerequisite:* PHY 1120.

**1510 Elements of Thermodynamics and Statistical Mechanics. 3 credits.**

The laws of thermodynamics. Entropy. Equations of state. Phase transitions. Thermodynamic potentials. The third Law. Distribution functions. Theory of ensembles. Statistical formulation of temperature. Quantum and classical ideal gasses. Electronic conductance. Bose-Einstein statistics: phonons, Planck's Law, Bose condensation.

*Prerequisite:* PHY 1041–1042 (R&L).

**1520 Advanced Statistical Mechanics. 4 credits.**

Gibbs theory of ensembles. Quantum statistics. Superfluidity. Quantum transport. Virial expansions. Magnetic systems and the Ising model. Theory of phase transitions. Ideas of the renormalization group. Random walks, accretion and percolation phenomena. Complexity and self-organization. Non-equilibrium Stat. Mech. Boltzmann's equation.

**1621 or 1621H Introduction to Quantum Mechanics. 3 credits.**

Wave-particle duality; solutions of Schroedinger equation in one dimension for square well and barrier potential, harmonic oscillator, and rigid rotator with fixed axis; observables, expectation values, uncertainty relations; wave packets.

*Prerequisite:* PHY 1120.

**1622 Advanced Quantum Theory. 3 credits.**

Perturbation theory, approximations; solution of Schroedinger equation for hydrogen atom; Pauli exclusion principle, electron spin; atomic spectroscopy.

*Prerequisite:* PHY 1621.

**1724 Electronics. 2 credits.**

Electronic devices and their use in power supplies, audio and radio frequency amplifiers, operational amplifiers, and instrumentation circuits. Electro-chemical and biomedical applications; generation, processing, and analysis of signal waveforms related to speech, music, optical and biophysical phenomena, and radio and television broadcasting.

*Prerequisite:* PHY 1032 or 1042 R&L.

**1810 or 1810H, 1820 Intermediate Experimental Physics I, II. (Formerly PHY 1801L, 1802L.) 1 hour of lecture. 3 hours of lab. 2 credits.**

Experimental exercises in techniques of modern experimental physics and engineering. Covers the fields of mechanics, analog communication electronics, transmission lines and wave-guides, physical and fiber optics, atomic spectroscopy, nuclear statistics, nuclear spectroscopy, interferometry, and laser physics. Recent examples: impedance divider, gravitational acceleration, thermocouple junction, microwave optics, mechanical phonons, Millikan's experiment, dielectric constant of water, Stephan-Boltzmann law, radioactivity and Poisson statistics, Michelson interferometer.

*Laboratory fee:* \$50 per semester.

*Prerequisite:* PHY 1041–1042 (or PHY 1031–1032 and permission of the instructor).

**1830 Advanced Experimental Physics. (Formerly 1803L.) 4 hours of lab. 2 credits.**

A selection of independent projects designed to prepare the student for contemporary research in physics. Recent examples: statistics of discharges, temperature dependence of conductivity, Einstein temperature, and the Hall effect.

*Laboratory fee:* \$50 per semester.

*Prerequisite:* PHY 1810, 1820.

**2255R, 2256R Biophysics—Lectures. 2 credits.**

Thermodynamics of the body, pressure, hemodynamics, nerve cells, transmission of signals, electrocardiography, transport phenomena, diffusion, osmosis, radiation, production and use of X rays, nuclear medicine, physics of the eye and ear, exponential growth and decay, measurement, instrumentation.

*Prerequisite:* PHY 1041–1042 (R&L) and BIO 1011C, 1012C.

**2255L, 2256L Biophysics—  
Laboratory. 2 hours.  
1 credit.**

Experiments to accompany 2255R, 2256R.  
*Laboratory fee: \$50 per semester.*  
*Corequisite: PHY 2255R, 2256R.*

**2601, 2602 Special and  
General Relativity. 3 credits.**

Einstein's special and general theories of relativity; underlying physical and mathematical concepts; formulation of Einstein's theory of gravitation; mathematical structure, observational tests, exact and approximate methods of solution; problem of gravitational radiation; theory of motion of ponderable bodies.

*Prerequisite: PHY 1120, 1221.*

**3301 or 3301H Computational Methods in  
the Physical Sciences. 3 credits.**

Basic use of symbolic logic software and exploration of different areas of physics through numerical and computational techniques, possibly including random-walk models, accretion phenomena, Monte Carlo methods in statistical physics, cellular automata, complexity, chaos, and planetary motion. Methods of interpolation, rates of convergence, projection methods, boundary problems and singular perturbation methods.

**4901, 4902 Independent Study.**

*Meet with the Yeshiva College Academic Dean.*

**4991 or 4991H The New  
Physics and Astronomy. 3 credits.**

Review of the new problems and areas that have reshaped physics in the last 30 years: theory of chaos, the quark and the Standard Model, the new cosmology, and the inflationary universe. Physics of scales and the renormalization group. The quantum fluids, and superconductivity and superfluidity. The new theory of complexity, quantum transport.

*Prerequisite: PHY 1041-1042 R&L, 1120, or permission of the instructor.*

**POLITICAL SCIENCE (POL)**

Courses in Political Science are grouped into the following categories:

**American Politics**

1040 American Government and Politics  
1092 Fundamentals of Political Economy  
1100 State and Urban Politics  
1200 American Congress and Representative Institutions  
1210 Media and Politics  
1245 Public Policy  
1250 State and Society  
1260 Urban Politics  
1441 Political Parties and Political Behavior  
1460 American Presidency  
1600 American Constitutional Law  
1650 Civil Liberties  
1825 Democracy  
1900 Public Administration

**Comparative Politics**

1310 The European Union  
1320 Political Development  
1340 The Middle East  
1364 Russian Politics  
1370 Eastern Europe  
1430 Pacific Rim  
1895 Modernity

**International Relations**

1503 International Politics  
1510 American Foreign Policy  
1520 Great Powers  
1540 International Law

**Political Theory**

1896 Postmodernity  
1700 Empirical Research Methods  
1801 Classical Political Philosophy  
1802 Political Ideologies  
1810 Modern Political Philosophy  
1820 Contemporary Political Philosophy  
1811 Contemporary Political Theory  
1862 American Political Thought

**Major: Yeshiva College**

Thirty-three (33) credits. Required courses: POL 1001, 1040 plus one course from each of the above groups. The remaining five courses are electives within the department.

**Minor: Yeshiva College**

Eighteen (18) credits. Required courses: 1001 or 1040 plus one course from each of the above groups. The sixth course is an elective within the department.

**1001 Fundamentals of  
Political Science. 3 credits.**

Meaning, principles, and major fields of political science; development of the state; civil and political rights; law and the judicial process; theories of the state such as democracy, socialism, communism, fascism; international relations.

**1002 or 1002H Fundamentals  
of Political Science. 3 credits.**

Designed to familiarize the beginning student with research objectives, analytical concepts, and research tools, this course provides assistance in learning how to think like and do the research work of the political scientist. Key component is an original project based on empirical research.

Students who have taken POL 1001 may register for POL 1002 as a sequence course, but may not register for POL 1001 after taking POL 1002. For students taking both POL 1001 and POL 1002H, the honors course (1002) counts as a POL elective.

**1040 American Government  
and Politics. 3 credits.**

Major institutions and functions of the national government; relationship of political elites, minority groups, political parties, and other groups to these institutions; federal-state relations, domestic and foreign policy issues and policy making.

**1091 through 1099  
Problems in Politics. 3 credits.**

Specialized subtopics of American politics, comparative politics, or international relations. Courses may be repeated, since topics vary each semester. Recent topics have included American ethnic politics, international conflict resolution, and the United Nations.

**1092 Fundamentals of  
Political Economy. 3 credits.**

Introduction to the spheres of human behavior and activity—politics and markets—that greatly affect our daily lives. Understanding of the major issues of political economy, such as inflation and poverty, and of policies that can be used to rectify the major problems of the day. Economic criteria applied in political judgment, and economic assumptions of policy-makers.

*Prerequisite: POL 1001 or permission of the instructor.*

**1095 or 1095H Hannah Arendt. 3 credits.****1100 State and Urban Politics. 3 credits.**

Role and functions of state and local government in the American federal system; impact of political parties, bosses, interest groups, racial/religious minorities, and social classes upon the policy-making process; development of the megalopolis and contemporary urban problems.

*Prerequisite: POL 1001 or 1040.*

**1200 American Congress and Representative Institutions. 3 credits.**

The practice and theory of representation. Congress and the national interest. Congress and interest groups. Capitol Hill alignments; relations with the executive branch. Political behavior and policy making. The "Washington establishment." Constitutional restraints and democratic legislation. Alternative and comparative legislatures.

*Prerequisite: POL 1040 or permission of the instructor.*

**1210 Media and Politics. 3 credits.**

Politics in the multimedia age; power of print and broadcast media to influence the democratic political process and the voting public; packaging candidates for TV; issues such as right to privacy, governmental secrecy and media; political bias in media; media accountability.

**1245 Public Policy. 3 credits.**

How policy makers make policy: agenda setting and policy evaluation; cost-benefit analysis; and moral valuation. Covers issues such as health care, Social Security, First Amendment freedoms, budgeting, hazards in the workplace, etc., as well as actors and sites: experts in regulatory agencies, elected officials in representative institutions, and citizens in elections. Social science and public policy. Improving the democratic process.

*Prerequisite: POL 1001 or 1040 or permission of the instructor.*

**1250 State and Society. 3 credits.**

The classic and contemporary debate about the proper role of government in society: conservative and liberal views on government regulation. Nature of the state and civil society. The welfare-regulatory state in America; state and environment; use of the state to promote prosperity; cross-national comparisons; regulation and the social construction of preferences.

*Prerequisite: POL 1001 or 1040 or permission of the instructor.*

**1260 Urban Politics. 3 credits.**

The contemporary city, its role and function in American politics; impact of political parties, bosses, interest groups, racial/religious minorities, and social classes upon the policy-making process, current policy issues; the impact of globalization on the city.

*Prerequisite: POL 1001 or 1040 or permission of the instructor.*

**1310 The European Union. 3 credits.**

Development of the European Union as a regional "state," EU as a new federalism, France and Germany as the EU's power hub, Britain's EU dilemma, the EU in the globalized market, security and foreign-policy making, the EU as an international actor, EU-United States relations, EU expansion into eastern Europe, the EU and NATO, the EU and Russia, the EU and North Africa, Turkey, and the Middle East.

*Prerequisite: POL 1001 or permission of the instructor.*

**1320 Political Development. 3 credits.**

Meaning and process of political development; comparative analysis of selected African, Asian, and Latin American states; international political economy; role of International Monetary Fund (IMF) in political-economic development; great powers and the politics of development.

*Prerequisite: POL 1001 or 1040.*

**1340 The Middle East. 3 credits.**

Geopolitical and cultural characteristics of the "Middle" East; European historic legacy; rise of Zionism, Pan-Arabism and Pan-Islamism; political systems of Israel and selected Arab/Islamic states; Arab-Israeli conflict; political trends in the post-Cold War world order.

*Prerequisite: POL 1001 or 1040.*

**1364 Russian Politics. 3 credits.**

The rise and fall of the Soviet empire; emergence of the Commonwealth of Independent States (CIS); problems of democratization and privatization; the Yeltsin era, U.S.-Russian relations after the Cold War; Russia as an international actor; Russia and China, Russia and Japan.

*Prerequisite: POL 1001 or permission of the instructor.*

**1370 Eastern Europe. 3 credits.****1430 Pacific Rim. 3 credits.**

Pacific Ocean states as the power hub of the 21st century, with emphasis on Japan and China. Globalization dynamic in East Asia and the "Asian Tigers"; impact of the rise of East Asia upon the United States, Canada and Latin America; regionalization prospects in East and Southeast Asia; foreign policy trends of China and Japan; relations with the United States.

*Prerequisite: POL 1001 or permission of the instructor.*

**1441 Political Parties and Political Behavior. 3 credits.**

American political parties; history, organization, functions, and sources of support; relationship between parties and pressure groups, and the influence both have on government policy.

*Prerequisite: POL 1040 or permission of the instructor.*

**1460 American Presidency. 3 credits.**

The conception of the modern executive. Types of presidential power. The modern institutional and plebiscitary presidency. Presidential policy making. Operating a system of separate institutions sharing power. Patterns of presidential authority over American history. The current officeholder. How the growth of presidential power affects democracy.

*Prerequisite: POL 1040 or permission of the instructor.*

**1503 International Politics. 3 credits.**

The nation-state system since World War I (national power, national interest, foreign policy formulation); the development of international relations from the League of Nations to the United Nations and present regional systems; the impact of modern weaponry; war and peace; globalization and the post-Cold War world order.

*Prerequisite: POL 1001 or permission of the instructor.*

**1510 American Foreign Policy. 3 credits.**

How American foreign policy is made and implemented; the interrelationship of foreign and domestic policies; the military-industrial complex; the media and the policy-making process; objectives of American foreign policy; the United States as an international actor in the post-Cold War order; the UN and the United States.

*Prerequisite: POL 1040 or permission of the instructor.*

**1520 Great Powers. 3 credits.**

Factors making a state a "great power"; regional and international relations between "core" and "peripheral" states; Japanese ascent and challenge; newly industrialized countries and the Great Powers; post-Cold War order building; the UN and Japan-USA-Europe triangle.

**1540 International Law. 3 credits.**

The development of principles of public law governing the relations of states, and analysis of these principles; problem of individual responsibility; role of diplomacy, international organizations, and international tribunals; review of selected international law cases.

*Prerequisite:* POL 1001 or 1040.

**1600 American Constitutional Law. 3 credits.**

The Constitution of the United States as developed primarily by judicial interpretation; role of the judiciary in the political process.

*Prerequisite:* POL 1040 or permission of the instructor.

**1650 Civil Liberties. 3 credits.**

The freedoms of speech, press, and religion; the right to privacy; and the new equal protection as developed primarily through judicial interpretation.

*Prerequisite:* POL 1040 or permission of the instructor.

**1700 Empirical Research Methods. 3 credits.**

Introduction to quantitative research methods used in the social sciences; development of research designs.

*Prerequisite:* POL 1001 or permission of the instructor.

**1801 Classical Political Philosophy. 3 credits.**

Philosophical analyses of and propositions about political power that have shaped the Western political tradition in its anti-democratic and democratic variants; emphasis on Plato and Aristotle; development of the classical Greek (and Roman) tradition in medieval thinkers; Machiavelli (Renaissance) and Rousseau (Modern).

*Prerequisite:* POL 1001 or permission of the instructor.

**1802 Contemporary Political Ideologies. 3 credits.**

Rise of ideology with mass politics; characteristics of ideology and its political function; modern revolutionary ideological movements such as liberalism, Marxism, and fascism; conservatism as an ideology; ideologies since the end of the Cold War; "New Politics" liberation movements and environmentalism, religious fundamentalism.

*Prerequisite:* POL 1001 or 1040.

**1810 Modern Political Philosophy. 3 credits.**

Political thought in the 17th to 19th centuries. Theories of rights and property; moral agency; theories of state, justice, and civil society. English, French, and German liberalism: Hobbes, Locke, Rousseau, and Kant. Hegel's social theory. Marx's critique.

*Prerequisite:* POL 1001 or permission of the instructor.

**1811 Contemporary Political Theory. 3 credits.**

The recent renaissance in the theory and philosophy of the polity, legal order, and economy. The increasing application of the results of contemporary analysis to solving difficult policy questions. How contemporary theorists reason and disclose the principles of political life. Theories of rights; general political principles; just distribution of social resources; and modes of entitlement.

*Prerequisite:* POL 1001 or 1040 or permission of the instructor.

**1820 Contemporary Political Philosophy. 3 credits.**

**1825 Democracy. 3 credits.**  
A survey of several major aspects of democracy in America. Who really rules? Wealth and power. Types of political power. Democracy's relationship to social justice; its social requisites and historical development. Democracy and the public philosophy. Pathologies of pluralism and possible remedies. Feminist and Marxist analyses. Advanced democracy in the future.

*Prerequisite:* POL 1040 or permission of the instructor.

**1862 American Political Thought. 3 credits.**

Readings in classical and contemporary commentaries on the American political experience; analysis of historical and geographical factors shaping the American political mind and tradition; impact of reli-

gion from colonial times to the present; slavery, ethnicity and racism; anti-democratic thought in America; Vietnam as a watershed; contemporary issues.

*Prerequisite:* POL 1001 or 1040.

**1895 Modernity. 3 credits. (Same as HIS 4695.)**

A history-political-science interdisciplinary course on the dominant characteristics, tensions, and problems of our revolutionary modern age. Change and how individuals and societies respond to it. Covers the French Revolution and the "new man" of modernity; the scientific establishment and new life choices; the atomic bomb and modern warfare; capitalism and anti-modern political ideologies; Western colonialism and its aftermath.

**1896 Postmodernity. 3 credits.**

For postmodernists, Hiroshima and the Holocaust nullified the idea of progress that had dominated Western modern thinking since the Enlightenment. Without the idea of progress, how should we understand who we are? This course focuses on the post-modern critique of modernity and its alternative mode of analysis (deconstruction); the postmodern problematic of identity, otherness, moral agency, context and meaning; political issues like power, justice, democracy, postnationalism, postcolonialism.

*Prerequisite:* POL 1001 or 1895 or HIS 4695 or permission of the instructor.

**1900 Public Administration. 3 credits.**

The process of implementing public policy/laws, with emphasis on American national government; contemporary theories of organization; styles of political management; internal bureaucratic politics; relations between administrators and politicians (e.g., Congress, the president) and between administrators and interest groups; political implications of the bureaucratic state.

*Prerequisite:* POL 1040.

**4901, 4902 Independent Study.**

Meet with the Yeshiva College Academic Dean.

**4921 Senior Thesis. 3 credits.**

Seniors majoring in Political Science are encouraged to write a senior thesis on a topic of their choosing. See the senior professor for details.

**PRE-ENGINEERING**

Students interested in a career in engineering have the option of majoring in Pre-Engineering at Yeshiva College or choosing from a variety of related majors, including chemistry, physics, mathematics and computer science.

*Major: Yeshiva College*

CHE 1045-1046 (lecture and laboratory); MAT 1412, 1413, 2105, 1510, 2601; PHY 1041-1042R&L, 1120 or 1621; COM 1300; ECO 1011. Additional electives, such as PHY 1221B, 1222B, 1321, 1510, and 1724, are recommended for specific fields in engineering. The University has Combined Plans with Columbia University. Under the 3-2 plan, a student who attends Yeshiva University for three years, maintains a 3.000 average, and receives the recommendation of the Pre-Engineering Advisor is admitted to Columbia University School of Engineering and Applied Science as a junior. The student attends Columbia for two years, and at the successful completion of the program, YU confers the bachelor of arts degree and Columbia confers the bachelor of science degree. Under the 4-2 plan, for which a 3.300 average is required, the student takes an appropriate bachelor's degree at YU and, after two additional years of study at Columbia, receives the master's degree, bypassing the bachelor's degree in engineering.

Students in the Combined Plan must maintain registration at YU until they receive the B.A. degree. They must meet the same requirements for graduation as all students who spend three years in residence at the University.

Students interested in the Pre-Engineering options are urged to discuss their specific course of study with the Pre-Engineering advisor each semester prior to registration.

**PRE-HEALTH PREPARATION**

The following courses prepare students for admission to professional schools in such areas as medicine, dentistry, optometry, and podiatry:

BIO 1011-1012 (C or R&L); CHE 1045-1046 (C or R&L); CHE 1213-1214 (C or R&L); MAT 1412; MAT 1413 or STA 1021; PHY 1041-1042 (R&L). These requirements may vary from professional school to professional school. Students should contact the Pre-Med advisor and review the regulations of each professional school they wish to enter in order to make sure they are satisfying particular admission requirements. In addition, the student must have a major in any other subject.

Accelerated programs saving the student a year in achieving a degree in dentistry, optometry, or podiatric medicine are offered in Combined Plans by Yeshiva University and the NYU College of Dentistry, SUNY College of Optometry, and the New York College of Podiatric Medicine, respectively. During the first three years of these programs, the student fulfills the above requirements. Upon receiving the recommendation of the Yeshiva College Office of the Dean, the student is admitted into the cooperating school and attends for four years, qualifying for degrees at both institutions. YU confers the bachelor of arts degree upon a student undertaking the Combined Plan at the successful completion of the fourth year of study.

Students in a Combined Plan must maintain registration until they receive the B.A. degree. They must meet the same requirements for graduation as all students who spend three years in residence at the University.

**PRE-LAW***Yeshiva College*

In conformity with the statement on pre-legal education of the Association of American Law Schools, Yeshiva University strongly urges Pre-Law students to pursue a course of study that develops a) critical understanding of the human institutions and values with which the law deals; b) creative and systematic thought processes; and c) precise communication skills.

No specific major is required, since these objectives can be achieved within various academic disciplines.

**PSYCHOLOGY (PSY)***Major: Yeshiva College*

The following requirements are in effect for students beginning with the entering class of fall 1998. Thirty-four (34) credits: PSY 1010, STA 1021, PSY 2100C, PSY 3804, PSY 1110, PSY 2150, PSY 3800, and 12 additional credits in PSY courses.

A maximum of 6 credits of Independent Study may count toward the major. Either PSY 3410 or 3430 may count toward the major or minor, but not both. Certain courses in other departments may, with permission, count toward elective credits in the major.

*Minor: Yeshiva College*

Eighteen (18) credits in PSY, including PSY 1010. STA 1021 may count.

Qualified upperclassmen may receive permission to take courses at Ferkauf Graduate School of Psychology.

**1010 Introductory Psychology. 3 credits.**

Basic facts and theories of the science of behavior: biological foundation, history, sensation and perception, conditioning and learning, personality, social behavior, intelligence, cognition, language, testing, deviant behavior; applications in the field of psychology.

**1110 Developmental I: Child. 3 credits.**

Biological, psychological, and social factors that enter into the development of children from birth to pre-adolescence; correlations between childhood development and formation of adult personality.

*Prerequisite: PSY 1010.*

**1113 Development of Language. 3 credits.**

The nature of language and its development; phonology, syntax and morphology, reading; focus on processes and course of normal development; pathological groups such as the deaf; language as a cognitive and communicative system.

*Prerequisite: PSY 1010.*

**(1120 Psychology of Exceptional Children.)****(1124 Learning Disabilities.)****1130 Developmental II. 3 credits.**

Processes and problems of adolescence, adulthood, and old age; personality development in its relationship to cultural patterns.

*Prerequisite: PSY 1010 and 1110.*



**1150 Psychology of Language. 3 credits.**

Language comprehension, production; speech perception; critical examination of linguistic theory, theories of language learning, language as a perceptual and cognitive process, brain mechanisms, reading, and language disorders.

*Prerequisite: PSY 1010.*

**1301 Psychological Tests and Measurements. 3 credits.**

Theory and method of measuring human behavior; construction and evaluation of tests of abilities, aptitudes, achievement, attitudes, and adjustment; ethical issues in testing.

*Prerequisite: PSY 1010.*

*Pre- or corequisite: STA 1021.*

**1601 Theories and Systems. 3 credits.**

Theory and theory construction in psychology; constructs and models; major theories and present state of theory and systematic orientations.

*Prerequisite: PSY 1010.*

**1602 Historical Perspectives. 3 credits.**

Theoretical and methodological problems of present psychology; case histories tracing the development of research from origins to contemporary status in such fields as psychophysics, biological foundations, perception, learning, personality, and social psychology.

*Prerequisite: PSY 1010.*

**2100C or 2100H Experimental Psychology. 2 hours of lecture. 3 hours of lab. 4 credits.**

Training in the problems, methods, and evaluation of experimental research in psychology. Students perform individual experiments, prepare reports of results, and are introduced to the literature of experimental psychology.

*Laboratory fee: \$20 per semester.*

*Prerequisite: PSY 1010 Recommended: STA 1021.*

**(2101C, 2102C Experimental Psychology I and II.)****2103C Advanced Experimental Psychology. 2 hours of lecture. 3 hours of lab. 4 credits.**

Chief problems, methods, and results of experimental psychology. Representative experiments on animals and humans are carried out and evaluated in light of modern theory.

*Laboratory fee: \$20 per semester.*

*Prerequisite: PSY 2100C.*

**2110 Sensory Psychology. 3 credits.**

The senses and their fundamental role in the regulation of behavior; systematic treatment of vision, audition, and the other senses, with some application to human engineering.

*Prerequisite: PSY 1010.*

*Recommended: PSY 3804.*

**2111 Perception. 3 credits.**

Personality, social, and biological aspects of perception in both normal and abnormal individuals; emphasis on perceptual changes in mentally ill, learning disabled, and brain-injured individuals.

*Prerequisite: PSY 1010.*

**2140 Learning. 3 credits.**

An introduction to general concepts and philosophical roots as well as classical and contemporary issues of learning theory. Examination of behavioral as well as cognitive models; life span developmental issues; the neural basis of learning and memory; and clinical applications of learning theory.

*Prerequisite: PSY 1010.*

**2150 Cognitive Psychology. 3 credits.**

Memory: theory, structure, processes; thinking: information processing, processes, problem solving.

*Prerequisite: PSY 1010.*

**(2153 Mind, Language, and Consciousness.)****2154 Motivation. 3 credits.**

Physiological, behavioral, psychodynamic, and humanistic approaches to motivated behavior. Focus on hunger, thirst, reproduction, play, aggression, addiction, and achievement.

*Prerequisite: PSY 1010.*

*Recommended: PSY 3800, PSY 3804.*

**2155 Memory. 3 credits.**

How memories are encoded, stored, and retrieved; long- and short-term memory; forgetting; neurobiological basis of memory; experimental and clinical syndromes of memory loss.

*Prerequisite: PSY 1010, 2150.*

**2164 Sociology of Language. 3 credits. (Same as SOC 1931.)**

Societal factors that influence language use and lead to speaking or writing differently to the same and to different interlocutors, on the basis of demographic, situational, and metaphorical considerations; monolingual and multilingual networks in traditional and modern contexts; language relativism.

*Prerequisite: PSY 1010.*

**(2400 Psychology of Adjustment.)****(2401 Childhood Disorders.)****2414 Abnormal Psychology. 3 credits.**

Theories and research into causes of neuroses, psychoses, and deviant behavior; diagnosis and treatment.

*Prerequisite: PSY 1010.*

**2430 Clinical Psychology. 3 credits.**

History and background of clinical psychology; current research; functions and responsibilities of the clinical psychologist and related mental health personnel; introduction to diagnosis and psychotherapy; ethics of the profession.

*Prerequisite: PSY 1010 and 2414.*

**(2650 Psychology of Creativity.)****3100 Comparative Psychology. 3 credits.**

Evolution of behavior: a comparative study of growth and development of behavior in animals.

*Prerequisite: PSY 1010.*

**3105 Social Psychology. 3 credits.**

Dynamic study of social behavior; social learning, interpersonal attraction, aggression, attitudes, conformity, and social influence processes.

*Prerequisite: PSY 1010.*

**(3121C Experimental Social Psychology.)****(3174 Psychology of Women.)****3400 Educational Psychology. 3 credits.**

Application of principles of learning, motivation, and measurement to education.

*Prerequisite: PSY 1010.*

*Recommended: PSY 2150.*

**3410 Applied Psychology. 3 credits.**

Various areas in which principles of psychology have practical application: industry, business, education, advertising, communication; mass media and their effect on the individual.

*Prerequisite: PSY 1010.*

**3411 Forensic Psychology. 3 credits.**

Role of psychology in the legal system; child welfare, criminal justice, personal liability issues; role of the psychologist as an expert witness.

*Prerequisite: PSY 1010, 3800, and 2414.*

**3430 Industrial and Organizational Psychology. 3 credits.**

Theory and practice of behavioral science in industry and business settings: selection techniques, merit rating, employee counseling; attitudes and morale; training, leadership, and job evaluation; time and motion studies; human ecology.

*Prerequisite: PSY 1010.*

**3440 Drugs and Behavior. 3 credits.**  
Basic issues relating to drug use and abuse from biological, psychological, social, historical, and legal perspectives. Physiological and psychological factors in the initiation of drug use, including an overview of the biochemical and neurological mechanisms involved in drug action, the natural history of drug use, factors affecting the cessation of drug use, and the effectiveness of therapeutic interventions in drug abuse.  
*Prerequisite:* PSY 1010.

**3601 Health Psychology. 3 credits.**  
The contribution of psychological factors to the development, course, and treatment of physical illness and disease. Research methodology, basic theories, empirical studies, and clinical applications. Factors covered include weight control, alcoholism, smoking, heart and respiratory disease, cancer, and chronic illness.  
*Prerequisite:* PSY 1010.

**3800 Personality. 3 credits.**  
Structure and dynamics of normal and abnormal personality development, including psychoanalytic and social learning approaches. Clinical diagnostic tests and procedures are discussed.  
*Prerequisite:* PSY 1010.

**3804 Psychobiology. 3 credits.**  
Mind and body. The nervous system and endocrine glands in relation to psychological processes; physiological basis of perception, motivation, emotions, and learning.  
*Prerequisite:* PSY 1010.

**3824 Neuropsychology. 3 credits.**  
The principles and concepts that shape current neuropsychological thinking; experimental and clinical techniques as well as models of brain organization. Neuropsychological signs, symptoms, and syndromes in conjunction with brain structure and function. Specific focus on the neuropsychological implications for attention, motor function, sensory-perceptual integration, memory and learning, language and thinking, along with developmental, adult, and geriatric implications.  
*Prerequisites:* PSY 1010, 2150, and 3804.

**(3840 Psychology and the Law.)**

**3850 Developmental Psychobiology. 3 credits.**  
Human development from a biological perspective. Behavioral genetics, ethology, the relationship between the developing nervous system and sensory, perceptual, and cognitive changes; biological origins of behavioral dysfunction.  
*Prerequisite:* PSY 1010 and either 1110 or 3804.

**3860H Psychology and Religion. 3 credits.**  
Examines the reciprocal relationship between psychology and religion. On one hand, the psychological underpinnings of the religious experience include social determinants, development of religious perspectives and cognitive/value structures, functional effects of religious experience and behavior, and dynamic/personality influences on religious practice. On the other hand, religious experience and practice impact psychological states with consequences for psychosocial aspects of cultural dynamics.

**4901, 4902 Independent Study.**  
*Meet with the Yeshiva College Academic Dean.*

**4931; 4932 Problems in Psychology. 3 credits.**  
Seminars for majors involving extensive reading, discussion of several topics, and preparation of original papers. First semester: problems in personality, developmental, and applied psychology; second semester: problems in experimental psychology.  
*Prerequisite:* PSY 1010 and senior status or permission of the instructor.

**RUSSIAN (RUS)**

Department advisor: Dr. H. Haahr.

**1101, 1102 Elementary Russian. 3 credits.**  
Essentials of oral expression, listening comprehension, and basic reading and writing skills. For students with less than two years of high school Russian or the equivalent experience. Students with one year of high school Russian may enter 1102 with permission of the instructor or department advisor.

**(1107-1108 Introduction to Scientific Russian.)**

**1201, 1202 Intermediate Russian. 3 credits.**  
Intensive review of grammar; readings in literature; exercises in composition and conversation. *Prerequisite:* two years of high school Russian or RUS 1102. Students with three years of high school Russian may enter 1202 with permission of the instructor or department advisor.

**2101 Masterpieces of Russian Literature. 3 credits.**

**2321 Classical Russian Drama. 3 credits.**  
History, theory, and generic antecedents of classical Russian drama through the late 18th century; analysis of individual classical plays of the 19th and early 20th centuries.  
*Prerequisite:* fluency in Russian.

**2331 Russian Poetry. 3 credits.**  
History, theory, and generic antecedents of Russian poetry of the 19th and early 20th centuries; poetic analysis; literary trends of the period, e.g., romanticism, realism, symbolism.  
*Prerequisite:* fluency in Russian.

**2372 Russian Short Fiction. 3 credits.**  
Short works of fiction by the most important Russian classical and 20th-century authors.  
*Prerequisite:* fluency in Russian.

**4931 The Jew in Russian Literature. 3 credits.**  
The portrayal of the Jew in Russian literature of the 19th and 20th centuries; analysis of prose and poetic works, including memoirs, letters, and diaries.  
*Prerequisite:* fluency in Russian.

**SEMITIC LANGUAGES (SEM)**

In this discipline, the first digit, 5, indicates that the course may be used for either undergraduate or graduate credit. Department Advisor: Dr. H. Haahr.

**5111, 5112 Elementary Arabic. 3 credits.**  
Introduction to the grammar and syntax of classical and modern literary Arabic.

**5113 Elementary Arabic—Concentrated. 3 credits.**  
A one-semester version of 5111-5112.

**5121, 5122 Intermediate Arabic. 3 credits.**  
Selections from classical texts, with continued study of elements of Arabic grammar.

**5301 or 5301H Introduction to Aramaic. 3 credits.**  
Introduction to the Aramaic language based on the reading of texts in a variety of Aramaic dialects from biblical through Talmudic.

**5311, 5312 Biblical Aramaic. 3 credits.**  
Linguistic analysis of the Aramaic texts in the Bible.

**5331, 5332 Aramaic of the Babylonian Talmud. 3 credits.**  
The idiom of the Talmud Bavli.

**SEPHARDIC STUDIES***Major: Isaac Breuer College*

JHI 1371 and 8 additional credits in JHI courses suffixed with S; JPH 1650; JUD 1471S, 1677S, 1678S; and a comprehensive examination (these courses are recommended to all students who plan to serve as educators in the Sephardic community).

**SOCIAL SCIENCE (SOS)***Minor: Sy Syms School of Business*

Fifteen (15) credits chosen from POL, PSY, and SOC. Maximum of two courses per department.

**SOCIAL WORK***Yeshiva College*

A joint five-year program in social work is offered in conjunction with Wurzsweiler School of Social Work, leading to a bachelor of arts degree and a Master of Social Work degree.

During the first three years, students complete their general studies requirements and at least 18 credits toward the Psychology or Sociology major. Students usually begin part-time while completing their Jewish Studies requirements. Interested students should consult the Office of the Dean.

**SOCIOLOGY (SOC)***Major: Yeshiva College*

SOC 1001, 1504 or 1505, 1643 or 1644, 4931 or 4932, STA 1021, and an additional 15 credits in SOC courses chosen in consultation with the senior professor.

*Minor: Yeshiva College*

SOC 1001, 1504 or 1505, STA 1021, and an additional 6 credits in SOC courses.

*Minor: Yeshiva College**Minor in Public Health*

SOC 1001, 1233, 1236, 1242, 1504. BIO 1011-1012 R&L and STA 1021 are recommended for students who opt for this minor track.

**1101 Introduction to Sociology. 3 credits.**

Introduction to basic concepts, theories, methods, and findings of sociology; forms of social life: interaction, groups, organizations, and societies; socialization; inequality; social institutions.

**1116 Sociology of Deviance. 3 credits.**

Analysis of different theoretical perspectives in the study of deviance; social sources of deviance; study of various types of deviant behavior and attributes; reduction of and coping with deviance; the reintegration of the deviant in society.

*Prerequisite: SOC 1001.*

**1158 Criminology. 3 credits.**

The study of delinquent and criminal behavior; theories of criminality; extent and patterns of criminality; behavior systems in crime; an overview of societal response to crime including the police, courts and prisons; prevention and treatment of crime.

*Prerequisite: SOC 1001.*

**1160 Criminal Justice. 3 credits.**

Extent and types of crime; criminal law; history, organization, functions, roles, lifestyles of the police; origin and role of the courts; sentencing; prosecution, defense, arbitration; ethics of lawyers; community and institution corrections and alternatives; juvenile justice; crime victims rights; international and comparative criminal justice.

*Prerequisite: SOC 1158.*

**1162 The Police. 3 credits.**

Origins of police systems; history of the police; police personnel: recruitment, selection, evaluation, promotion; police force bureaucracy; police corruption; community policing: watchman style versus service style; police brutality; politics and the police; future of law enforcement.

**1163 Penology.**

Overview of past and contemporary programs, purposes, types, issues, and problems related to correctional facilities. Viewpoints of administration, prisoners, victims, families of inmates, and society at large. Addresses work training, therapeutic care, and incarceration; controversy surrounding furloughs, recidivism, probation, and parole. Field trips to prisons.

*Prerequisite: SOC 1158 or 1160.*

**1164 White-Collar Crime. 3 credits.**

Links white-collar crime (both individual and organizational) to "common crimes" by studying their similarities and differences. Study of the notion that one's respectability, occupational position, or access to wealth and power leads to and creates opportunity structures for crime that can be unique in and of themselves, but that may have corollaries to or spin-off from common crimes. Political and sociological aspects of these assumptions are analyzed.

*Prerequisite: SOC 1158.*

**1166 Organized Crime. 3 credits.**

Attempts to provide a theoretical and practical basis for understanding the structure, function, and societal impact of criminal organizations. In-depth examination of the connection between urban political machines and organized crime, utilizing sociological theories developed to explain the rise and continued existence of the organized crime phenomenon.

*Prerequisite: SOC 1158.*

**1202 Social Institutions. 3 credits.**

The role and function of social institutions in the formation and maintenance of community and nationhood; historical background and contemporary ideological, technical, and ethical challenges. The political, economic, sociological, religious, and communication structures of contemporary life.

*Prerequisite: SOC 1001.*

**(1203 Physical Anthropology.)****1204 Social Anthropology. 3 credits.**

The study of people in relation to their geographic and sociocultural environments. Cultural variations and adaptive strategies in a broad range of societies focusing on food-gathering, marriage and the family; kinship terminology; psychology; religion; recreation; and folklore. Emphasis on field research methods.

**1209 Introduction to Anthropology. 3 credits.**

Introduction to the reconstruction of human evolution through the study of fossils and other evidence; primate behavior and ecology in the field; the comparative study of human cultural and social variation and similarity; archaeology; anthropological linguistics. Insights help promote useful social policies.

**1215 Sociology of Religion. 3 credits.**

The reciprocal relationship between religion and the rest of society; how people interact and organize themselves within religious settings; research methods and dilemmas raised in the scientific study of religion; religious diversity, change, and stability; the complexities involved in the sociological study of Jewry and the various Eastern and Western religious traditions; how religious rituals, tales, myths, and facts shape, endorse, and validate humanity's responses to the world.

**1232 Sociology of Health. 3 credits.**

Distribution of disease among and within populations; trends in medical practice; politicization of health care; contemporary social and ethical issues in health care; genetic engineering, right to die, living wills, and consumer movements in health care.

**1233 Introduction to Public Health. 3 credits.**

History and philosophy of public health; socioeconomics of health-care delivery and administration; management and planning of health-care programs.

*Prerequisite:* SOC 1001.

**1236 Epidemiology. 3 credits.**

Distribution of disease and determinants of its frequency; history of epidemiological thinking, concept of cause, sources of data, design of epidemiological studies.

*Prerequisite:* SOC 1001, 1233.

**1242 Sociology of Mental Health. 3 credits.**

Family role, expectations, hostility, and accommodation in relation to mental disorders; rationale for community care and kin support; preventable stressors; stress responses to war, social transitions, anomie, social isolation, social disintegration; tools of evaluation; prevalence and incidence of mental illness in the community.

*Prerequisite:* SOC 1001, 1233.

**1262 Industrial Sociology. 3 credits.**

Intensive analysis of formal organization of industry; comparative study of industrial and non-industrial organizations; relationship between industrial institutions and social structure in different societies.

*Prerequisite:* SOC 1001.

**1273 Sociology of Food. 3 credits.**

Examination of the reciprocal relationship between food and society, culture, and geography, as well as history; exploration of body image, eating disorders, cannibalism, food taboos, technologies to store and transport edibles, culinary and gastronomic rituals, and genetically engineered food, among other issues. Study of the role food plays in the physical and mental impact on survival; and the ways in which recipes are adapted when taken to other countries.

**1283 Sociology of Education. 3 credits.**

Examination of the effects of formal and informal education on groups in society. Explores the relationships of education with social mobility; family background and values; and political pressures from communities, administrators, and teachers. Course discusses the development and status of the profession, its goals, its expectations, its strategies, and its culture.

**1311 Urban Sociology. 3 credits.**

Focuses on contemporary city life. Methods of studying the city, ranging from community studies to detailed observation of daily interaction; growth of the city, suburb and metropolis; political and economic issues such as gentrification, race relations, and the relationship among city, state, and federal government; critical evaluation of classical theorists; contemporary problems of the city.

*Prerequisite:* SOC 1001.

**1402 Social Organization. 3 credits.**

Social structure and dynamics; analysis of selected institutions and processes.

*Prerequisite:* SOC 1001.

**1413 Social Stratification. 3 credits.**

The study of the distribution of power in society; classical systems of stratification; theories of social stratification; gender and age stratification; social stratification in the United States; measurement of stratification; stratification and social mobility; achieved vs. ascribed status.

*Prerequisite:* SOC 1001.

**1436 Social Movements. 3 credits.**

Theoretical perspectives appropriate to the analysis of political, religious, and cultural movements; case studies of various social movements as selected by the students.

*Prerequisite:* SOC 1001.

**1504 Methods of Social Research. 3 credits.**

Application of the scientific method to social data; definitions, concepts, and hypotheses; research design; techniques of collection and analysis of data.

*Prerequisite:* STA 1021 and permission of the instructor.

**1505 Qualitative Research Methods. 3 credits.**

Experience in designing, collecting, analyzing, and writing of qualitative-based research. Extensive workshops with written practica and verbal reports. Students learn to use audiotape, film, video, photography, and computer-based multimedia while exploring the wide range of studies utilizing a qualitative approach.

*Prerequisite or corequisite:* a basic statistics course or any other course that encompasses quantitative methodological techniques.

**1640 Sociological Theories. 3 credits.**

Selection of theories and theorists from SOC 1643 and 1644.

*Prerequisite:* SOC 1001.

**1643 Early Sociological Theories. 3 credits.**

Social forces in the development of early sociological theories: political revolution, industrial revolution, rise of capitalism, rise of socialism, urbanization, religious changes, and the growth of science; historical and intellectual evaluation of major sociological theories and theorists before contemporary times: Saint-Simon, Comte, Marx, Weber, Simmel, Spencer, Pareto, Mosca, Durkheim.

*Prerequisite:* SOC 1001.

**1644 American Sociological Theories. 3 credits.**

Societal and political sources of American sociological theories: industrial revolution, urbanization, immigration, development of the American university system, and impact of European theory on American sociology; major sociological theories and histories of theorists in America: Sumner, Ward, Thomas, Park, Cooley, Mead, Sorokin, Parsons, Kuhn, Homans, Mills, Goffman, Schutz, Merton, Becker.

*Prerequisite:* SOC 1001.

**1730 or 1730H The American Jewish Community. 3 credits.**

The effects Jews have had on American society and how American society has influenced Judaism; mechanisms used by Jews and other religious groups to thwart change or to adapt to the host culture: membership in associations and organizations, political behavior and lobbies, links with Israel. Relationships between Jews and other societal groups. In the honors version, each student reviews research literature on Jews in America, Israel, and/or another geographic location; comes up with a research design; and implements the collection of data. As a group, students critique all projects, reinforcing their knowledge of several methodological techniques as well as becoming informed about scientific investigations relevant to various aspects of contemporary Jewish life.

**1746 Ethnic Groups in the United States. 3 credits.**

Nature of ethnic and minority groups; acculturation and assimilation in the United States; relation of ethnic groups to the institutions of the dominant society; nature and causes of prejudice and discrimination.

*Prerequisite: SOC 1001.*

**1757 Race, Caste, and Ethnicity. 3 credits.**

Consequences of ascribed status. Ethnocentrism; hosts, immigrants, and settlement; assimilation patterns; ethnic and racial myths; contributions to society by minorities; responses to subordination practices; consequences of prejudice and discrimination; attitude formation and change; multiculturalism; political correctness: sensitivity and oversensitivity.

**1831 Self and Society. 3 credits.**

Analyzes how identity and the self are created through social, psychological, cultural and historical processes. These include socialization over the life course, and the performance of social roles such as child, student, spouse, consumer, worker, and senior citizen. Special emphasis on understanding the ways that gender, race and ethnicity, and class shape emotional life and the creation of a multilayered self.

*Prerequisite: SOC 1001.*

**1842 Study of Folklore. 3 credits.**

An interdisciplinary course examining humanistic, oral, and written expression transmitted among sociocultural groups. Also explores the origins, forms, variant interpretations, methods of communication (including contemporary means such as the Internet and film), and social-psychological functions of various types of folklore and midrash.

**1848 Culture and Personality. 3 credits.**

Comparative study of people, their environments, culture, behaviors, attitudes, and feelings; formation and characteristics of social character and national character; problems with assessing personality; ethnopsychiatry; changing definitions of masculinity and femininity; witchcraft frenzy and other group madnesses; social psychology of time.

*Prerequisite: SOC 1001 or PSY 1010.*

**1931 Sociology of Language. 3 credits. (Same as PSY 1150.)**

Varieties of verbal skills; word classification systems; "correct" and "incorrect" language; language labels; linguistic changes due to societal pressures; media and the changing types of communication; sign language; conversational analysis; censorship; language of body movements; propaganda and persuasion.

**1934 Sociology of Mass Media. 3 credits.**

Role of mass media in the formation of public opinion in areas ranging from elections to images of women, Jews, and other groups; analysis of content of TV programming and production, how media influence politics and public opinion; dynamics and role of the pollster; mass media and consumerism; image ethics; public vs. private beliefs; and attitude formation.

**1940 Sociology of Sport. 3 credits.**

Relationship of the evolving institution of sport to sociological theories: bureaucratization, order, conflict; influence of social factors on sport throughout history; history of female participation in American sports; Israelis' and other Jews' historical involvement in sports; intercollegiate sports; Olympics and other sports events; spectator and participant violence; sports for children; sports as character builder and other associated psychological issues; the coach-athlete relationship; problems with sports in schools; failure, cheating, hypocrisy; non-athletes. Sports as an opiate; growth of the exercise, diet, and health-club industries; sports and the mass media; sports as a mobility escalator; racism and sexual discrimination in sports; sports and the economy.

**2110 Demography. 3 credits.**

Population 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 and theories; collection, analysis, and interpretation of demographic data.

*Prerequisite: SOC 1001.*

**2210 The Family. 3 credits.**

Analysis of the family in historical context; functions of the family; analysis of popular myths of the family; changes in gender roles and family relationships; cross-cultural perspectives on the family; divorce rate and the family; the idealized family and attitude formation.

*Prerequisite: SOC 1001.*

**2230 Sociology of Death and Dying. 3 credits.**

Current knowledge on a wide variety of death-related topics: attitudes toward death, medical-care systems, grief, living wills, ethical wills, medical ethics, definitions of death, social psychology of aging, death in popular culture, and how life and death affect all sociocultural processes, values, and events.

**3200 or 3200H Jewish Religious Behavior in Sociological Perspective. 3 credits.**

Review of theories to explain key patterns, features, and issues in contemporary Jewish religious behavior. Exploration of the character of mainstream religious movements, novel alternatives, and challenges to the Jewish community. The relationship between the United States and Israel is discussed in light of social institutions.

**4901, 4902 Independent Study.**

*Meet with the Yeshiva College Academic Dean.*

**4930 Topics in Sociology: Sociology of Visual Expression. 3 credits.**

Investigation of the reciprocal connections between major sociological institutions and visual expressions throughout time and across cultures. Emphasis will be on the role of art in texts, everyday life, and rituals. To better understand the complexities and the affect in producing and seeing artistic works, students also create and recreate traditional and contemporary examples of artistic forms.

**4931; 4932 Seminar in Sociology. 3 credits.**

Seminar for majors. Extensive reading, discussion of current issues and problems in sociology, and preparation of papers.

*Prerequisite: senior status or permission of the instructor.*

**4932 Contemporary Israeli Society. 3 credits.**

Examination of diverse cultural and religious sub-populations, governmental structures, political cultures, the relationship between religion and state, and the kibbutz experiment. Issues are considered in the context of Israel as a Jewish democratic state and in the light of growing American cultural influence.

**SPANISH (SPA)****1101, 1102 Elementary Spanish. 3 credits.**

Essentials of oral expression, listening comprehension, and basic reading and writing skills. For students with less than two years of high school Spanish or the equivalent experience. Students with one year of high school Spanish may enter 1102 with the permission of the instructor or department advisor.

**1120 Elementary Spanish—Concentrated. 3 credits.**

Accelerated course covering the basics of first-year elementary Spanish in one semester. For students whose background prevents their taking SPA 1101–1102, but is insufficient for 1201, 1202.

**1201, 1202 Intermediate Spanish. 3 credits.**

Intensive review of grammar, readings in literature; exercises in composition and conversation. Prerequisite: two years of high school Spanish or SPA 1102. Students with three years of high school Spanish may enter 1202 with permission of the instructor or department advisor.

**2022; 2023 Masterpieces of Spanish-American Literature. 3 credits.**

Major literary works of Spanish America. Prerequisite: SPA 1202 or four years of high school Spanish.

**2101; 2102 Masterpieces of Spanish Literature. 3 credits.**

Detailed studies of the major literary works of Spain. Prerequisite: SPA 1202 or four years of high school Spanish.

**2113; 2114 Survey of Spanish Literature. 3 credits.**

Spanish literature from its beginnings to the present, with selections from the major literary works. Analysis and discussion. Prerequisite: native or near-native fluency in Spanish.

**2131; 2132 Survey of Spanish-American Literature. 3 credits.**

Major literary works of Spanish America. Prerequisite: native or near-native fluency in Spanish.

**2410; 2411 Civilization in Spain Through Literature. 3 credits.**

An integrated study of Spanish civilization; historical, literary, and cultural aspects; special attention to Sephardic contributions. Prerequisite: SPA 1202 or native or near-native fluency in Spanish.

**SPEECH AND DRAMA (SPE)****Major: Yeshiva College**

SPE 1010 and an additional 28 elective credits, at least 18 in SPE courses; the other 10, chosen with the approval of the department advisor, may be interdisciplinary, in advanced electives related to the student's academic and professional goals (at least 4 are generally recommended to be in English department courses in the literature of drama or playwriting). No more than 4 credits in Theater Workshop may count toward the major. Department advisor: Dr. Beukas.

**Minor: Yeshiva College**

SPE 1010 and 12 elective credits of which no more than 2 may be from SPE 2031 through 2038. With permission of the department advisor, 4 elective credits in ENG drama courses or playwriting may be used to meet the requirement.

**0001 Speech Workshop (by appointment). No credit.**

Designed to help the student develop proper voice and speech patterns under personalized instruction. Students in this course are graded P (= pass) or R (= repeat).

**1010 Speech Communication. 2–3 credits.**

Effective informal and formal public speaking: informative and persuasive purposes. Focuses on logical organization, psychological motivation, research of topics, precise vocabulary, clear and pleasant vocal patterns, application of sound rhetoric to the communication of ideas.

**1020 Group Discussion. 2–3 credits.**

Communication in small groups for information sharing, problem solving, and negotiation. Focuses on the task group; theory and techniques vital to the dynamics of interaction, barriers to communication, management of conflict, and methods of reaching consensus; participation in symposium, panel discussion. Develops capacity for constructive interaction and leadership techniques. Useful for law, medicine, business, and professions, as well as societies, clubs, and other personal social roles. Prerequisite: SPE 1010.

**1030 Voice and Diction. 2 credits.**

Designed to help the student attain a high standard of American speech unmarred by dialect or foreign accent. Focuses on improvement in diction, articulation, pronunciation, intonation, and vocal use and projection; effective speech patterns for public speaking, theatre, pulpit; guided practice, criticism, and experience. Prerequisite: SPE 1010.

**1300 Interpersonal Communication. 3 hours plus conferences. 3 credits.**

Verbal and nonverbal elements of interpersonal communication, such as interviews. Particularly useful for those intending to enter business. Prerequisite: SPE 1010.

**1510, 1511 Persuasion and Debate. 2 credits.**

Analysis of controversy to discover its intrinsic and vital issues; beliefs presented through logical proofs and ethical emotional appeals; participation in decision-making discussion groups and debate. Particularly useful for those intending to become lawyers. Prerequisite: SPE 1010.

**1608 Advanced Public Speaking. 2 credits.**

Theory and techniques of presenting speeches and eliciting specific audience response; intellectual integrity and ethics of emotional appeals; preparation of speeches (eulogies, introductions, exposés, critical reviews, calls to action) to enable the student to gain proficiency in areas related to professional goals (e.g., law and business). Prerequisite: SPE 1010.

**1661; 1662 Great Speakers and Speeches. 2 credits.**

First semester: classical antiquity; second semester: modern times. Techniques of great orators, and their speeches; rhetorical theory and training. Students analyze and deliver famous speeches of their choice. Prerequisite: SPE 1010.

**2031 Theater Workshop.** 2 hours.  
1 credit.  
Applied theatrical techniques and dramatic methods, including makeup, costuming, lighting, set design and construction, role interpretation and acting, based on experience in preparing and participating in a Dramatics Society production. May be taken a maximum of four times for credit. May not be taken by a student whose college program exceeds 17 credits that semester.  
*Prerequisite:* permission of the instructor.

**2090 Play Production.** 2 credits.  
Technical areas of play production. Covers function of theater technicians and management; use of stage through lights, set design, costume design, actors and directors; problems of play selection; producing and publicity; role interpretation and acting; theatrical and dramatic analysis of selected plays. Practical experiences in classroom and Dramatics Society production.

**2113; 2114 Theater Arts.** 3 credits.  
Survey of historical movements in the theater and their relationship to the contemporary theater; analysis of technique, development, and innovation in drama from the viewpoint of dramatic structure and production. The class attends several professional productions.

**2910, 2911 Art of the Actor.** 3 credits.  
Study and development of the power and skills of interpretation necessary for the actor to reflect the ideas of the playwright in various media—legitimate theater, television, radio, and cinema. Students identify the essential characteristics and solve the problems of acting in these media.

**2930 Techniques of the Director.** 3 credits.  
Theoretical and practical bases for understanding what the potential artistic director must do in preparation and rehearsal of a theatrical production to evoke the ideas, themes, and values of the playwright; working rehearsals in class to clarify acting, stagecraft, lighting, costuming, makeup, music, and movement for the stage.

**2961; 2962 Play-Scenario Writing.** 2 credits.  
Playwriting for the theater, cinema, and television in traditional, contemporary, and experimental forms; discovering dramatic subject matter; developing the scenario; plot construction (exposition, conflict, climax, scenes of resolution); creating and developing characters; dialogue; author and theatrical production; theater, radio, television, and motion picture scripts.

**4001, 4002 Oral Interpretation of Literature.** 2–3 credits.  
Development of improved vocal and interpretation skills for the oral communication of literature; analysis and performance of prose, poetry, and drama selections; radio and television techniques for reading literature and copy.  
*Prerequisite:* SPE 1010.

**4640 Foundations of Communication Theory.** 3 credits.  
Analysis and application of theories of communication (general systems, transactional, manipulative, organization) to problem situations in education, business, and personal life. Students conduct a study of a current problem that they feel can be solved through a media campaign, and report on the project and its results.  
*Prerequisite:* SPE 1010.

**4644 Language and Symbols in Communication.** 3 credits.

**4700 Mass Media in Western Civilization.** 3 credits.  
Historical development of the various print and electronic media and the impact of mass communications on society; legal and ethical issues in mass media, including the First Amendment; focus on contemporary trends.

**4710 Broadcasting.** 3 credits.  
Historical development of the broadcasting industry; impact of radio, television, and other electronic media on society; current issues and laws; First Amendment in relation to broadcasting; scope and operation of the communications network.

**4720 Radio Announcing.** 1 credit.  
Roles of the broadcaster (announcer, commentator, newscaster, disk jockey) in terms of theoretical communication concepts and practical techniques; class critiques of student programs broadcast on WYUR.  
*Prerequisite:* SPE 1010.

**4831; 4832 History of Film I & II.** 3 credits.  
Survey of important currents in film history and esthetics from the 19th century to the present. Helps students achieve visual literacy through an understanding of the rudiments of film grammar.  
*Laboratory fee:* \$35 per semester.

**4835 Filmmaking Techniques I.** 3 credits.  
Techniques that have produced modern cinematography. The class is divided into camera crews, and films are shot in class to explore these techniques. Each student makes a one-minute film as the final examination. Film and equipment are furnished for all films made in class: three per semester.  
*Laboratory fee:* \$35.

**4836 Filmmaking Techniques II.** 3 credits.  
Symbolic uses of imagery, and sound with imagery; beginning animation. Crews are assigned and films shot in class. Each student makes a film as the final examination. Film and equipment are furnished for all films made in class.  
*Laboratory fee:* \$35.  
*Prerequisite:* SPE 4835.

**4837 Film Criticism.** 3 credits.  
Styles and techniques of contemporary film criticism (film as art, "auteur," genre, popular art). Selected films are viewed for written criticism.  
*Laboratory fee:* \$35  
*Recommended:* SPE 4835, 4836.

**4838 Visual Elements of Film.** 3 credits.  
Symbolic use of images (icon, index, symbol) and cinematic techniques that give narrative films visual power and meaning. Contemporary films are viewed and critically reviewed.  
*Laboratory fee:* \$35.

**4850 Films of Hitchcock.** 3 credits.  
In-depth exploration of Alfred Hitchcock's film career; various methodologies including genre and auteurist approaches; fundamental issues in film history and esthetics, with Hitchcock's films as basis for investigation; screenings and discussions.  
*Laboratory fee:* \$35.

**4851 Science Fiction Cinema.** 3 credits.  
A comprehensive survey of major currents in science fiction cinema from Fritz Lang to Ridley Scott. Utopian and dystopian motifs, critique of technological domination, and the synthesis of horror and science fiction in the films of the 1970s and 1980s.  
*Laboratory fee:* \$35.

**4854 Film Genres.** 3 credits.  
Special topics in cinema; silent films, film noir, comedy, the western, war films.

**4901, 4902 Independent Study**  
*Meet with the Yeshiva College Academic Dean.*

## STATISTICS (STA)

**1021 Introduction to Statistics.** 3 credits.  
Sources and types of quantitative data; descriptive statistics: graphic displays and frequency distributions, measures of central tendency and variation; samples and populations; shapes of distributions (bimodal, skewness, kurtosis); probability and statistical decision making; sampling distributions (binomial, F, normal, Student's t, U, chi-square); inferential statistics: approximating percentages, estimating procedures, testing

hypotheses for differences or relationships (including regression and trend analyses); tests to check model assumptions; correlation vs. causation; lying with statistics.

**1022 Statistical Methods. 3 credits.**  
Finite populations; statistical decision theory; chi-square; analysis of variance; time series; index numbers; nonparametric test; examples from the fields of biology, political science, psychology, and sociology.  
*Prerequisite: STA 1021.*

**(1024 Statistical Methods.)**

**1320 Mathematical Statistics. 3 credits.**  
Application of probability theory to the classical parametric models: moment generating functions, chi-square and t distributions, central limit theorem, sampling distributions, maximum likelihood and interval estimation, confidence intervals, hypothesis testing; non-parametric models; the Bayesian controversy.  
*Prerequisite: STA 1460.*

**1350 Queuing Theory. 3 credits.**  
Classification of queues; systems without memory; systems with losses; queues as birth-and-death processes; embedded Markov chains; networks; diffusion and Monte Carlo approximations.  
*Prerequisite: STA 1460.*

**1460 Probability Theory. 3 credits.**  
Discrete and continuous sample spaces; combinatorial analysis; density and distribution functions of random variables; expectation and variance; independence and conditional probability; law of large numbers; central limit theorem; generating functions; random walk and ruin problems.  
*Prerequisite: MAT 1510.*

**STATISTICS FOR BUSINESS (STB)**

**1131 Statistics for Business. 3 credits.**  
Modern statistical methods as a basis for decision making. Fundamentals of probability, discrete and continuous distributions, data reduction and display techniques, estimation, regression and correlation analysis, time series. Credit is not given for both STA 1021 and STB 1131.  
*Prerequisite: Successfully passing Mathematics Proficiency Exam or Math Mini-Course.*

**1456 Quantitative Analysis for Business. 3 credits.**  
Applications of calculus for solving business problems. Modeling using linear functions, limits, and asymptotes, techniques of differentiation, rate of change problems, and marginal analysis; higher-order derivatives and optimization, techniques and applications of integration as they relate to business. (Required for Finance majors. May be taken in lieu of STB 1601 by other business majors.)  
*Prerequisite: STB 1131.*

**1601 Operations Research. 3 credits.**  
Introduction to the use of deterministic management science and operations research methods applied to decision-making processes in industry. Mathematical programming, inventory theory, optimization theory, queuing theory, game theory, scheduling, forecasting, heuristics.  
*Prerequisite: STB 1131.*

**TALMUD (TAL)**

*Major: Isaac Breuer College*  
Eighteen (18) credits beyond the 12 required of all students; comprehensive examination. Recommended: BIB 1071A, 1072A; JHI 1104, 1371.

*Minor: Isaac Breuer College*  
Ten (10) credits beyond the 12 required of all students. BIB 1071A may be used to satisfy the requirement for a minor in Talmud. In text courses, the tractate selected from the Babylonian Talmud for study may vary from year to year. When "laboratory" hours are indicated, they consist of supervised study for preparation and review of textual materials examined in the formal lectures. During the period covered by this Catalog, it is anticipated that courses TAL 1001 through 1106 will be offered at James Striar School; 1105A through 1204B at Isaac Breuer College; and 1211 through 1218 at Yeshiva Program/ Mazer School. Students also should note the related courses numbered JUD 1800-1899.

**1001, 1002 Elementary Talmud I. 6 credits.**  
Textual study of portions of a tractate, with commentary of Rashi. Emphasis on correct reading and translation, and on learning the Talmudic idiom.

**1003, 1004 Elementary Talmud II. 4 credits.**  
Continuation of 1001, 1002.

**1101; 1102 Intermediate Talmud I. 6 credits.**  
Six to ten folios each semester from a tractate selected by the faculty, with commentary of Rashi and selected Tosafot and Rishonim.  
*Prerequisite: TAL 1004 or equivalent.*

**1103; 1104 Intermediate Talmud II. 6-8 credits.**  
Textual study of portions of a tractate, with commentary of Rashi and selected Tosafot and Rishonim.  
*Prerequisite: TAL 1101; 1102 or equivalent.*

**1105; 1106 Intermediate Talmud III. 6-8 credits.**  
Continuation of 1103; 1104 or 1103B; 1104B.

**1111, 1112 Intermediate Talmud IV. 6 hours. 3-5 credits.**  
Textual study of portions of a tractate, with commentary of Rashi, all Tosafot, and selections from other classical commentaries.  
*Prerequisite: TAL 1106.*

**1113; 1114 Intermediate Talmud V. 4 hours. 2 credits.**  
Continuation of 1112. A modified course for non-majors.  
*Prerequisite: TAL 1112.*

**1121 through 1124 Selected Topics in Talmud. 4 hours. 2-3 credits.**  
Topics, chosen according to the needs and interests of the class, selected from diverse Talmudic texts and studied as coherent units, utilizing classical commentators and codifiers.  
*Prerequisite: TAL 1112 or higher.*

**1201, 1202 Advanced Talmud I. 6 hours. 3-5 credits.**  
Advanced Talmud study, including self-preparation of text, emphasizing medieval and later commentaries. Content varies from year to year and course may be repeated for credit.  
*Prerequisite: TAL 1112 or permission of the instructor.*

**1203, 1204 Advanced Talmud II. 6 hours. 3-5 credits.**  
Advanced study of the Talmud, emphasizing critical analyses of texts and commentaries and development of the student's ability to prepare and collate studies in primary sources.  
*Prerequisite: TAL 1112 or higher and permission of the instructor.*



**1211 through 1218 Advanced Talmud.****8 credits per semester.**

Texts of the Talmud studied intensively with the exegesis of Rashi and Tosafot and other ancient, medieval, and modern commentaries. The curriculum is based on a four-year cycle and covers some of the most important tractates of the Babylonian Talmud and their commentaries.

*Prerequisite: previous intensive study of Talmud.*

**4901, 4902 Independent Study.**

*Meet with the Yeshiva College Academic Dean.*

**TAXATION (TAX)****2501 Federal Income Taxation. 3 credits.**

Analysis of the basic principles of federal income taxation as they apply to individuals, corporations, trusts, and estates.

*Prerequisite: ACC 1102.*

**2502 Advanced Federal Income Taxation. 3 credits.**

Federal income tax law and regulations, with emphasis on corporate taxation; tools and methods of tax research; review of the practice requirements of the Internal Revenue Service.

*Prerequisite: TAX 2501.*

**YIDDISH (YID)**

Instruction in Yiddish at Yeshiva University is supported and enriched through the generosity of the Anna and Harry Singer Endowed Fund for Yiddish Studies and the Atran Foundation.

**1102, 1102 Elementary Yiddish. 3 credits.**

Introduction to the written and oral language, including basic vocabulary, grammar, composition, and conversation; Yiddish as the vernacular of Ashkenazic Jewry; simple literary and traditional texts.

**1201, 1202 Intermediate Yiddish. 3 credits.**

Continuation of study of grammar, composition, and conversation; history of Yiddish and its literature; readings from traditional and modern texts.

*Prerequisite: YID 1101-1102 or equivalent.*

# Faculty

## PROFESSORS EMERITI UNDERGRADUATE SCHOOLS

Gersion Appel, *Jewish Philosophy*

Isaac Bacon, Dean, *Yeshiva College*

Blanche D. Blank, *Political Science*

Menachem M. Brayer, *Bible and  
Jewish Education*

Egon Brenner, *Natural Sciences  
and Mathematics*

Moshe Carmilly, *Jewish Studies*

Ida Dobkin, *Chemistry*

Shlomo Eidelberg, *Jewish History*

Doris S. Goldstein, *History*

Fred Goodman, *Biology*

Mayer Herskovics, *Jewish Studies*

Arthur B. Komar, *Physics*

Pauline Kra, *French*

Albert Marrin, *History*

Noah H. Rosenbloom, *Hebraic Studies*

Betty Rosoff, *Biology*

Norman Schlessberg, *Accounting*

Asher Siev, *Hebrew*

Arthur D. Tauber, *Health Education*

Leo Taubes, *English*

## UNDERGRADUATE FACULTY

Following is a list, as of September 2002, of those regular members of the University full-time faculty who are expected to teach undergraduate courses.

**Jiro Adachi**, Adjunct Instructor in English. BA, Columbia University; MFA, Colorado State University.

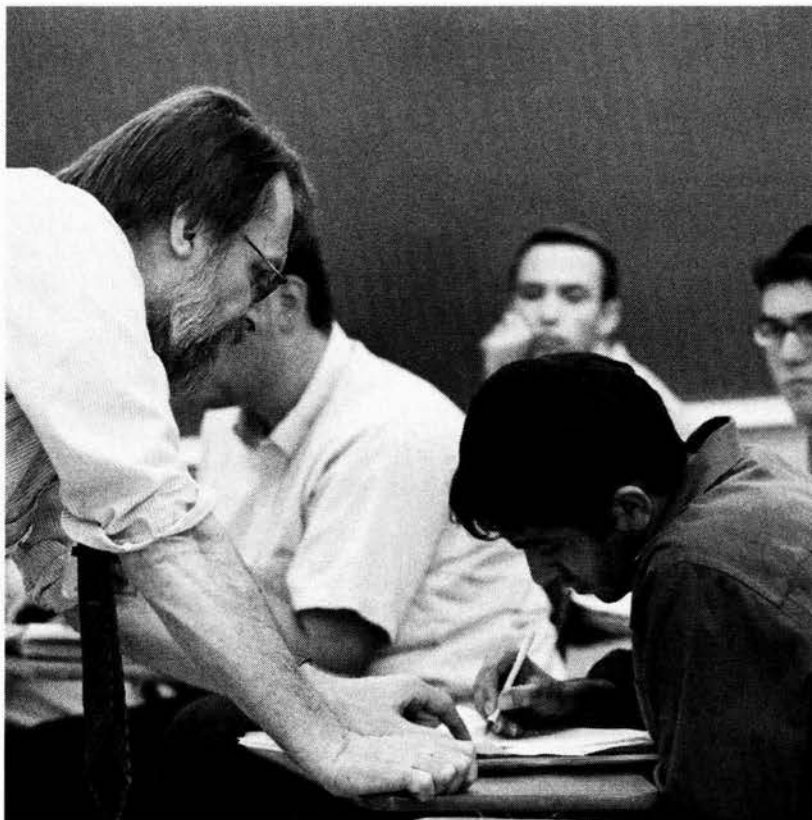
**Elchanan Adler**, Rosh Yeshiva, Lecturer in Talmud. Eva, Morris, and Jack K. Rubin Memorial Chair in Rabbinics. BA, City University of New York; MS, Yeshiva University; Ordination, Mesivta Tifereth Jerusalem.

**Gary Adler**, Adjunct Assistant Professor of Informational Systems. BA, Queens College, City University of New York; MBA, City University of New York.

**Norman T. Adler**, Professor of Psychology. BA, Harvard University; MA, PhD, University of California at Berkeley; Dean of Yeshiva College.

**Stan Akerman**, Adjunct Instructor in Computer Science. BA, Columbia University; MFA, Colorado State University.

**Hayyim Angel**, Adjunct Instructor in Bible. BA, MA, MS, Yeshiva University; Ordination, Rabbi Isaac Elchanan Theological Seminary.



**Susan Aranoff**, Adjunct Associate Professor in Political Science. BS, Barnard College; MPhil, PhD, Columbia University.

**Kenneth Auman**, Adjunct Instructor in Jewish Studies. BA, MA, Yeshiva University; Ordination, Rabbi Isaac Elchanan Theological Seminary.

**Harvey J. Babich**, Professor of Biology. BA, Yeshiva University; MS, Long Island University; PhD, New York University.

**Joshua Bacon**, Associate Professor of Psychology. BS, City College of the City University of New York; MA, PhD, New York University.

**Karen Bacon**, Professor of Biology. BA, Yeshiva University; PhD, University of California at Los Angeles; The Monique C. Katz Dean of Stern College.

**Stephen Bacon**, Adjunct Professor of Psychology. BA, Yeshiva University; MA, PhD, University of California at Los Angeles.

**Jonathan Bandler**, Adjunct Instructor in Physical Education. BA, Yeshiva University.

**I. Leon Bartfeld**, Adjunct Instructor in Computer Sciences. BSEE, National Polytechnic Institute, Mexico; MS, Pratt Institute.

**Noyes Bartholomew**, Associate Professor of Music. BM, MM, University of Nebraska; DMA, Columbia University.

**Aviva Barzel**, Adjunct Associate Professor of Hebrew. BA, Hebrew University; MA, Columbia University; DHL, Jewish Theological Seminary of America.

**Bill Bassman**, Adjunct Instructor of Biology. BS, Illinois Institute of Technology; MA, Harvard University.

**Madeleine D. Beckman**, Adjunct Instructor of English. BA, MA, New York University.

**Rae Becker**, Adjunct Instructor in Art. BA, MA, Hunter College, City University of New York; MPhil, City University of New York.

**Lawrence M. Bellman**, Assistant Professor of Management and Marketing. BBA, MBA, Baruch College, City University of New York; DPS, Pace University.

**Eliyahu Ben-Haim**, Rosh Yeshiva, Lecturer in Talmud; Maxwell R. Maybaum Memorial Chair in Talmud and Sephardic Codes (Halakhah). Ordination, Yeshivat Porat Yosef, Israel.

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**Ari Berman**, Instructor in Talmud. BA, MA, Yeshiva University; Ordination, Rabbi Isaac Elchanan Theological Seminary.

**Adam Berner**, Adjunct Instructor in Jewish Studies. BS, MA, JD, Yeshiva University; Ordination, Rabbi Isaac Elchanan Theological Seminary.

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**Anthony S. Beukas**, Professor of Speech and Drama. BA, University of Iowa; MFA, Yale University; PhD, New York University.

**Ruth Bevan**, David W. Petegorsky Professor of Political Science. BA, Grinnell College; MA, University of Massachusetts; PhD, New York University.

**Barbara Blatner**, Lecturer in English. BA, Vassar College; MA, Boston University; DA, State University of New York at Albany.

**Lea Blau**, Professor of Chemistry. BSc, MSc, Israel Institute of Technology; PhD, Weizmann Institute of Science.

**Benjamin Blech**, Assistant Professor of Talmud. BA, Yeshiva University; MA, Columbia University; Ordination, Rabbi Isaac Elchanan Theological Seminary.

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**Leonard Brandwein**, Adjunct Instructor in Physics. BS, Yeshiva University.

**Michael Breban**, Associate Professor of Computer Sciences. Diploma, Uzhgorod State University; MS, PhD, New York University.

**Alan Brill**, Assistant Professor of Jewish Mysticism and Thought. BA, MS, Yeshiva University; Ordination, Rabbi Isaac Elchanan Theological Seminary; PhD, Fordham University.

**John J. Capela**, Instructor in Management. BS, MBA, Long Island University.

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**Jerome Chanes**, Adjunct Instructor of Sociology. BA, MS, Yeshiva University; MSW, Brandeis University.

**Zevulun Charlop**, Lecturer in History. BA, Yeshiva University; MA, Columbia University; Ordination, Rabbi Isaac Elchanan Theological Seminary.

**Wenxiong Chen**, Professor of Mathematics. BS, Longyang Teachers College; MS, Hangzhou University; PhD, Academia Sinica.

**Lyubov Chernova**, Adjunct Instructor of Russian. MA, State Pedagogical Institute, St. Petersburg, Russia.

**Shantih Clemans**, Assistant Professor of Social Work. BA, Hood College; MSW, State University of New York at Albany; DSW, Hunter College, City University of New York.

**Karen Cherie-Cogane**, Adjunct Instructor in Physical Education. BA, University of Pennsylvania; MA, Columbia University.

**Aaron Cohen**, Instructor in Jewish Studies. BA, MA, Yeshiva University; MA, City College of the City University of New York; Ordination, Rabbi Isaac Elchanan Theological Seminary.

**Evelyn M. Cohen**, Assistant Professor of Art. BA, Brooklyn College, City University of New York; MPhil, Columbia University.

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**Deborah Y. Cohn**, Assistant Professor of Marketing. BA, State University of New York at Albany; MBA, New York Institute of Technology; MPhil, PhD, Baruch College, City University of New York.

**Juan Corona**, Adjunct Instructor in Physical Education. BA, IPN University, Mexico.

**Cris Cristofaro**, Adjunct Instructor in Art. BFA, Art Institute of Chicago.

**Judy Cummins**, Adjunct Instructor in Physical Education.

**Gabriel Cwilich**, Associate Professor of Physics. Licenciado en Fisica, University of Buenos Aires; MS, PhD, Rutgers University.

**Michael Dalezman**, Assistant Professor of Mathematics. BS, Brooklyn College, City University of New York; MS, PhD, New York University.

**Malka Danishefsky**, Instructor in Hebrew. BA, MA, New York University.

**Joseph Danto**, Professor of Speech Pathology/Audiology. BA, Brooklyn College, City University of New York; PhD, Graduate Center of the City University of New York.

**Joseph L. DeSantis**, Assistant Professor of Biology. BA, Hunter College, City University of New York; MS, Fordham University; PhD, Graduate Center of the City University of New York.

**Terry DiLorenzo**, Assistant Professor of Psychology. BA, Rutgers University; MA, PhD, Yeshiva University.

**Cecily Dobin**, Instructor in Chemistry. BS, City College of the City University of New York; MS, Polytechnic University.

**Hanoch Dubitsky**, Assistant Professor of Hebrew. BA, Hebrew University.

**Hafton Eckholdt**, Adjunct Assistant Professor of Psychology. BA, Emory University; MS, Columbia University; MA, PhD; Cornell University.

**Moshe Eliovson**, Adjunct Instructor in Physical Education. BA, Yeshiva University.

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**Elazar Hurvitz**, Professor of Biblical and Talmudic Literature; Dr. Samuel Belkin Chair in Judaic Studies. MA, PhD, Yeshiva University.

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**Ira L. Jaskoll**, Adjunct Associate Professor of Statistics for Business and Operations Research. BA, Yeshiva University; MBA, Long Island University.

**David Johnson**, Associate Professor of Philosophy. BA, University of Nebraska; PhD, Princeton University.

**Henry Jorisch**, Lecturer in Information Systems. BA, Queens College, City University of New York; MA, MEd, Columbia University.



**Aharon Kahn**, Rosh Yeshiva, Joel Jablonski Professor of Talmud and Codes. BA, City College of the City University of New York; MA, Columbia University; MHL, Yeshiva University; Ordination, Rabbi Isaac Elchanan Theological Seminary.

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**Ephraim Kanarfogel**, E. Billi Ivry Professor of Jewish History. BA, MA, PhD, Yeshiva University; Ordination, Rabbi Isaac Elchanan Theological Seminary.

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**Mitchell Kelman**, Adjunct Professor of Economics. BA, Temple University, MA, PhD, University of Pennsylvania.

**Roman Kezerashvili**, Adjunct Assistant Professor of Physics. MS, PhD, Tbilisi State University; DSc, St. Petersburg University.

**Eliakim Koenigsberg**, Instructor of Talmud. BA, Yeshiva University; Ordination, Rabbi Isaac Theological Seminary.

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**Hadassa Kosak**, Associate Professor of History. BA, Hebrew University; MA, Hunter College, City University of New York; PhD, Graduate Center of the City University of New York.

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**Joshua Krausz**, Gershon and Merle Stern Professor of Banking and Finance. BA, Brooklyn College, City University of New York; MBA, Baruch College, City University of New York; PhD, Polytechnic University.

**Simon Krischer**, Adjunct Instructor in Computer Science. BA, Brooklyn College, City University of New York; MA, New York University.

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**Sidney Langer**, Adjunct Associate Professor of Sociology. BA, Yeshiva University; MA, City College of the City University of New York; PhD, Graduate Center of the City University of New York.

**Elizabeth Lazaroff**, Assistant Professor of Education. BA, Harvard University; PhD, Stanford University.

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**Martin Leibowitz**, Assistant Professor of Accounting and Finance. BS, Pennsylvania State University; MPhil, PhD, Columbia University; CPA, New Jersey and New York State.

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**Herbert Leventer**, Adjunct Assistant Professor in Philosophy. BA, Harvard University; PhD, Columbia University.

**Margarita Rosa Levin**, Instructor of Philosophy. BA, City College of the City University of New York; PhD, University of Minnesota.

**Aaron Levine**, Samson and Halina Bitensky Professor of Economics. BA, Brooklyn College, City University of New York; MA, PhD, New York University.

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**Yamin Levy**, Instructor of Bible. BA, MS, Yeshiva University; Ordination, Rabbi Isaac Elchanan Theological Seminary.

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**Zafira Lidovsky-Cohen**, Assistant Professor of Hebrew. BA, Hebrew University; PhD, New York University.

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**Jacob J. Lindenthal**, Adjunct University Professor of Sociology. BHL, BA, MA, PhD, Yeshiva University; MA, PhD, Yale University; DPH, Columbia University.

**Brenda Loewy**, Visiting Associate Professor of Biology. BA, Barnard College; MS, PhD, Yeshiva University.

**Zvi Loewy**, Adjunct Assistant Professor of Biology. BA, Yeshiva University; MS, Rensselaer Polytechnic Institute.

**Arkady Lokshin**, Adjunct Instructor in Computer Science. BA, MS, Queens College.

**Carol Lowengrub**, Adjunct Instructor in Art.

**Morton Lowengrub**, Professor of Mathematics. BA, New York University; MS, California Institute of Technology; PhD, Duke University.

**Cynthia Lucia**, Adjunct Assistant Professor of Cinema. Indiana University (PA), BS; MA, (English), MA, (Cinema), PhD, New York University.

**Joseph Luders**, Assistant Professor of Political Science. BA, Evergreen State College; MA, PhD, New School for Social Research.

**John Malindretos**, Visiting Associate Professor of Finance. BA, MA, PhD, Rutgers University.

**Michael Matto**, Lecturer in English, BA, University of California, Berkeley; PhD, New York University.

**Mark McCullough**, Adjunct Instructor in English. BA, Sarah Lawrence College; MA, City College of New York.

**Joy McEwen**, Adjunct Instructor in Physical Education. BFA, University of Michigan.

**Mark McGovern**, Adjunct Instructor in Speech. BA, MA, Villanova University.

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**Jeffrey Mollin**, Laboratory Specialist. BA, Queens College; MS, New York University; MPh, New York University.

**Alma L. Mora**, Adjunct Instructor in Spanish. BA University of Puerto Rico; MA, New York University in Spain.

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**Judith S. Neaman**, Professor of English. BA, University of Michigan; MA, PhD, Columbia University.

**David Neiss**, Adjunct Instructor in Physical Education. BS, Yeshiva University.

**Yaacov B. Neuburger**, Rosh Yeshiva, I. Meier and Henrietta Segals Professor of Talmud. BA, Yeshiva University; MA, Columbia University; Ordination, Rabbi Isaac Elchanan Theological Seminary.

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**J. Mitchell Orlian**, Associate Professor of Bible. BRE, BA, MS, PhD, Yeshiva University; Ordination, Hebron Yeshiva, Israel.

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**David Pahmer**, Instructor in Jewish Studies. BA, MS, Yeshiva University; Ordination, Rabbi Isaac Elchanan Theological Seminary.

**Frederick A. Palumbo**, Associate Professor of Management and Marketing. BBA, Baruch College, City University of New York; MBA, St. John's University; PhD, New York University.

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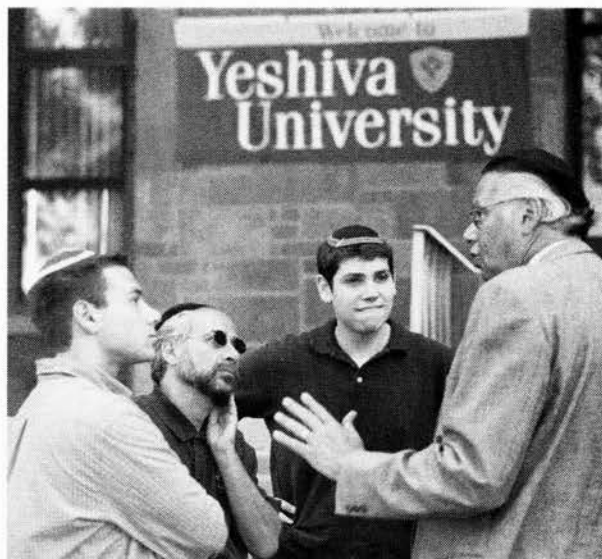
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 Marten Rose Memorial Scholarship Fund  
 Ann and Marcus Rosenberg Scholarship Fund in Memory  
 of Ludwig Jesselson  
 Ernst and Hedwig Roth Scholars  
 Jack and Susan Rudin Educational Scholarship Fund  
 Milton Rybkowski Scholarship Fund  
 Herman and Ida Saperstein Scholarship  
 Anne Scheiber Scholarship Fund  
 Mozes S. Schupf Scholarship Fund  
 Helen and Irving Spatz Scholarships (2) for Pre-Medical  
 Students at Yeshiva College  
 Harold R. and Lillian Stein Scholarship  
 Max Stern Scholars  
 Lynn Syms Scholars  
 Marcy Syms Scholars  
 Joseph and Faye Tanenbaum Scholarship  
 Leo Tanenbaum Scholarship  
 Esther Teitel Scholarship Fund at Stern College for Women  
 Jack D. Weiler Scholarship Fund for Deserving Students  
 Harry and Joseph Wilf Scholars  
 Wilf Family Distinguished Undergraduate Scholarship Fund  
 Dr. Jonathan Zizmor *Endowed* Scholarship Fund  
 Wendy Zizmor *Endowed* Scholarship Fund

**UNDERGRADUATE LECTURES**

Atran Foundation Resident Lectureship at Stern College  
 for Women  
 Alexander Brody Distinguished Service Lectureship in  
 Economics Education at Yeshiva College  
 Morris Epstein Forum of the Arts at Stern College  
 Dr. Ira and Doris Kukin Entrepreneurial Lecture Series at  
 Sy Syms School of Business  
 Ira Kukin Chemistry Lecture Series at the Undergraduate  
 Schools  
 Hillel Rogoff Annual Memorial Lectureship in Yiddish  
 Language and Culture, established by Mrs. Anna Rogoff  
 and family, at Stern College for Women  
 Rosenblum Family Lecture on Israel at Yeshiva College  
 M. Joseph and Ben Schaffer Lectureship in Marketing at  
 Sy Syms School of Business  
 Herman Wouk Annual Lecture (on or about 19 Kislev),  
*established in connection with the Abraham Wouk Family  
 Professorship in Classics and Literature at Yeshiva College*

**PERSONAL ENDOWED SCHOLARSHIPS AT  
 YESHIVA COLLEGE AND STERN COLLEGE  
 FOR WOMEN**

S. Daniel Abraham Scholarship Fund  
 Abraham and Gussie Abramowitz Scholarship Fund  
 Abraham Abramson Scholarship  
 Annie Abramson Scholarship  
 Dr. Belle Abramson Scholarship  
 Gussie Abramson Scholarship  
 Simon Ackerman Memorial Scholarship  
 Rosalind W. Alcott Scholarship Fund  
 Miriam Charin Antin Memorial Scholarship  
 Sidney and Tova Applebaum Scholarship Fund  
 Moshe Arens Scholarship for Political Science Students  
 Robert Arnow Scholarship Fund  
 Jacob and Gertrude Arronson Scholarship Fund  
 Gusti and Abraham Bachner Endowed Scholarship Fund in  
 Honor of Rabbi Fabian Schonfeld  
 Dr. Samuel Belkin Memorial Scholarship  
 Dr. Irving E. and Jeanette Benveniste Scholarship for  
 Sephardic Students  
 Helen Berkowitz Scholarship  
 Louis and Helen Berkowitz Scholarship Fund for New  
 Americans  
 Leah Riva and Elya Berman Memorial Scholarship  
 Lena and Alex Berman Family Scholarship Fund at  
 Stern College, *established by Yetta Berman*  
 Ruth Berman Scholarships at Stern College, *established by  
 Stephen Seltzer, Trustee*  
 Rabbi Morris Besdin Memorial Scholarship Fund  
 Binik-Lewinger Scholarship Fund  
 Ruben Bird Scholarship  
 Harry Blatt Scholarship Fund  
 Sarah Bloom, Simon Bloom, and Dorothy Bloom  
 Scholarship Fund, *established by Rita and Pearl Bloom*  
 Lillian Bloomfield Endowed Scholarship  
 Lois and Alvin Blumenfeld Scholarship  
 Isaiah and Liba Bogacik Scholarship Fund, *established by  
 Rivkie and Lance Hirt*  
 Dr. Irving M. and Blanche Boroff Scholarship  
 Abraham and Lillian Borts Scholarship Fund at  
 Yeshiva College  
 Regina Brandes Memorial Scholarship Fund  
 Rabbi Pynchas D. Brener Scholarship Fund for Venezuelan  
 and Latin American Students  
 Elizabeth and Joseph Brenner Scholarship  
 Moses and Hannah Brody Memorial Scholarship,  
*established by the estate of Pearl Brody*



Arthur and Dorothy Brown Scholarship Fund at Stern College

Arthur and Dorothy Brown Scholarship Fund at Yeshiva College

George Bush Scholarship Fund

Judith and David Carmel Scholarship in Memory of Ethel K. Schapira for English Majors at Stern College

Edward L. Carow Scholarship

Mamie and Jacob Chamedes and Miriam and Hyman Nordlicht Memorial Scholarship for NCSY Member at Stern College, *established by Barbara and Jules Nordlicht*

Alan Clingman Scholarship for Russian Students

Hyman I. and Beatrice Cohen Scholarship

John Cohen Scholarship Fund

Sally Cohen Scholarship Fund

Sheila and Getzel Cohen Scholarship Fund at Yeshiva College

Sheila and Getzel Cohen Scholarship Fund at Stern College

Sara Lee Cowan and Max P. Cowan Scholarship Fund

Shlomo Damesek Memorial Scholarship, *established by Moses and Rose Damesek*

Rabbi Yehuda Damesek Memorial Scholarship, *established by Moses and Rose Damesek*

Hyman Danowitz Scholarship Fund

Shirley Davidman Memorial Scholarship

Leonard Diener Scholarship Fund

Saul and Benjamin Dreyer Scholarship Fund

Dorothy Dunaeff Scholarship Fund at Stern College

Dorothy Dunaeff Scholarship Fund at Yeshiva College

Lea and Leon Eisenberg NCSY Scholarship at Stern College

Albert Emsellem Scholarship for Moroccan Students

Ruth Epstein Scholarship Fund

David and Simone Eshaghian Scholarship for Sephardic Students at Yeshiva College

David and Simone Eshaghian Scholarship Fund for Sephardic Undergraduate Students

Dr. Leon and Elenora Fankushen Scholarship

Samuel Fassler Memorial Scholarship

Cecile Feder Scholarship at Stern College for Women

Naomi and Louis Feder Scholarship at James Striar School

Gerald Feld Memorial Scholarship Fund

Samuel C. Feuerstein Scholarship Fund

Albert J. Finch Scholarship Fund

Maria Finkle Scholarship Fund

First Yeizerzner S.B. Association Scholarship

Lynn and Erwin Fisch Scholarship Fund

Lawrence Philip Fischer and Hope R. Fischer Scholarship at Yeshiva College

Sam and Betty Fischer Scholarship

Simon and Frieda Frank Scholarship Fund at Stern College

Desiree L. Franklin Scholarship

Carl and Sylvia Freyer Scholarship in Memory of Lawrence Hirsch

Dr. Beatrice Friedland Scholarship Fund

Rabbi Dr. Manfred Fulda Scholarship, *established by Walter and Randie Lowenthal*

Dr. Bernard W. and Deborah S. Gamson Scholarship in Memory of Edna Gamson Wesler, Max Wesler, and Benjamin Silverstein

Dr. Bernard W. Gamson Memorial Scholarship, *established by his wife, Deborah S. Gamson, and their children, The Gamson and Cohen Families*

The Haham, Dr. Solomon Gaon Scholarship Fund for Sephardic Students

Solomon Garazi Scholarship for Sephardic Students

Philip and Lillian Gartner Student Aid Fund

Seymour Geringer Memorial Scholarship Fund, *established by Gary and Patrice Fragin*

Elizabeth Isaacs Gilbert Scholarship in Jewish Studies at Stern College, *established by Congregation Rosh Pinah, Yonkers, NY*

Lucy and Ken Gladstone Scholarship at Stern College for Women

Leonard and Estelle Glass Scholarship in Memory of Isadore and Ruth Brier

Lottie Glass Memorial Scholarship, *established by Helen Berkowitz*

Kirsten and Baruch Glaubach Scholarship

Joseph Golding Memorial Scholarship

Jacob Goldman Scholarship Fund at Stern College

Dr. Stanford M. and Harriet Goldman Scholarship Fund



- Marvin Goodman Scholarship for Early Childhood Education Majors at Stern College
- Alex Gottdiener Scholarship
- Rose Gottdiener Scholarship Fund
- Mr. and Mrs. Jerome Gottesman Scholarship
- Shirley and Milton Gralla Scholarship Fund
- Stuart Fredric Granek Memorial Scholarship, *established by Dr. Bernard W. and Deborah S. Gamson*
- Bernard S. Greenberg Special Education Scholarship at Stern College
- Carol and Aaron Greenwald Scholarship
- Dorothy and Joel Greenwald Scholarship
- Esther F. and Dr. Saul J. Grosberg Scholarship
- Mayer Nathan Gross Memorial Scholarship Fund
- Irma Grueneberg Memorial Scholarship Fund
- Paul Guez Scholarship Fund for Sephardic Students
- Samuel Guterman Scholarship
- Cheryl and Fred Halpern Scholarship
- Sam and Arie Halpern Scholarship for Holocaust Survivors' Children
- Joseph R. and Beckie Harary Memorial Scholarship for Sephardic Students
- Harry H. and Rose Harris Family Scholarship Fund
- Dr. Jacob I. Hartstein Scholarship, *established by the Board of Trustees of the Governor's Committee on Scholastic Achievement*
- Alfred and Jennie Hazan Scholarship Fund for Sephardic Students
- Fanya Gottesfeld-Heller Scholarship Fund for SCW students enrolled in the B.A./M.A. Program at Stern and the Azrieli School of Jewish Education and Administration
- Fanny Henning Memorial Scholarship Fund
- Rabbi and Mrs. William Herskowitz Endowed Scholarship Fund at Yeshiva College
- Isidore and Tillie Hillner Memorial Scholarship Fund
- Irving H. Isaacs Memorial Scholarship for Sephardic Students, *established by Congregation Sheerith Israel of Janina, Bronx, NY*
- David and Betya Itzkowitz Scholarship Fund
- Rebecca and Israel Ivry Scholarship Fund
- Louis A. Izenstein, MD, Scholarship Fund at Yeshiva College
- Albert Jacob Scholarship Fund
- Erica and Ludwig Jesselson Sephardic Scholarship
- Marvin Josephson Scholarship
- Charles and May Kadin Memorial Scholarship
- Leo Kagan Scholarship
- Etta H. Kaganov Memorial Scholarship Fund at Stern College
- Sarah and Harry Kaganov Memorial Scholarship Fund
- Burton and Frances Karp New Immigrant Scholarship Fund
- Dr. Monique C. Katz Scholarship Fund at Stern College
- Mordecai D. and Dr. Monique C. Katz Scholarship at Stern College for Students Majoring in Jewish Education
- Mordecai D. and Dr. Monique C. Katz Scholarship at Yeshiva College for Students Majoring in Jewish Education
- Ron and Susan Katz Scholarship at Yeshiva College and Stern College for Women
- Sarah Rivka Kerzner Memorial Scholarship at Stern College, *established by Joseph Kerzner, CA, DHL*
- Yaffa Sheila Kialli Scholarship at Stern College, *established by Dafna and Elliot Prince*
- E.P. (Phil) and Roberta Kirschner Trust Scholarship Fund for Orphans
- Max and Rosalie Klein Scholarship Fund
- Kleinhandler Scholarship
- Rabbi Irving and Marly Koslowe Scholarship Fund
- Albert and Sarah Krakow Scholarship Fund for Immigrant Students at Yeshiva College and Stern College
- Ethel and Charles Kravetsky Memorial Scholarship
- Sidney and Norma Kreaden Scholarship Fund
- Aaron, Hudi, and Dora Kressel Memorial Scholarship, *established by Dr. Henry and Bertha Kressel*
- Michael and Betty R. Krieger Memorial Scholarship for Psychology Majors
- Charles and Charlotte Krown Foundation Scholarship Fund
- Samuel and Jean Kuflik Scholarship
- Albert Kuhr Scholarship for Foreign Students at Stern College, *established by Susan and Robert Schulman*
- Doris Kukin Scholarship Fund at Stern College
- Dr. and Mrs. Ira Kukin Scholarship for Holocaust Survivors' Children
- Joe Kushner Scholarship for Holocaust Survivors' Children
- A. Marshall Kutz Scholarship Fund
- Mr. and Mrs. Murray Laulicht Scholarship Fund at Stern College
- Rose and Herman Lavit and Betty and David Michaels Scholarship
- Alice Lawrence Program of Financial Assistance for Foreign Students
- Rae Gelfand Lechner Scholarship in Human and Social Services
- Judith and Gerson Leiber Stern-FIT Program Scholarship
- David and Bessie Levine and Bernard and Rhea Spear Scholarship
- Gabriel and Anna Levine Scholarship Fund
- Louis Levine Memorial Scholarship
- Levinson Scholarship
- Abraham Levy Memorial Scholarship

Beatrice Levy Scholarship for Sephardic Students at Yeshiva College  
 Joseph Levy Scholarship  
 Leon and Elsie Levy Scholarship for Sephardic Students  
 Samuel Levy Memorial Scholarship  
 William J. and Ettie Lewittes Scholarship  
 Jay and Rosemary Lind Scholarship Fund  
 Fred and Sarah Lipsky Memorial Scholarship  
 Audrey Katz Lookstein Scholarship Fund at Stern College  
 Norma and Mark Loren Scholarship  
 Isabelle and Jacob Mann Scholarship Fund at Stern College  
 Isabelle and Jacob Mann Scholarship Fund at Yeshiva College  
 Esther Lockman Marcus and Joseph Mortimer Marcus Scholarship Fund  
 Harriet Marcus Scholarship Fund  
 Dr. and Mrs. Max Marshall Scholarship Fund  
 Michael and Sarah Marton Scholarship  
 Stefanie (nee Sonnenthal) and Simon Mason Scholarship at Stern College  
 Rabbi Isaac Matsil Scholarship Fund for Sephardic Students at Yeshiva College  
 Bela and Selma Mayor Endowed Scholarship Fund at Yeshiva College  
 Abraham Mazer Memorial Scholarship  
 Tillie Waldman Merkin Scholarship  
 Myron M. Meyers Scholarship Fund for American Students at Yeshiva College and Stern College  
 Myron M. Meyers Scholarship Fund for Foreign Students at Yeshiva College and Stern College  
 Joseph K. Miller Memorial Scholarship  
 Morris Miller Memorial Scholarship  
 Michael and Cheryl Minikes Scholarship Fund  
 Samuel Minskoff Memorial Scholarship  
 Sarah and Aaron Mintz Scholarship  
 Lena S. Mirvis Memorial Scholarship at Stern College, *established by Dr. and Mrs. David Mirvis*  
 Marco and Louise Mitrani Scholarship Fund  
 Adele Morris Memorial Scholarship  
 Stanley Lewis Naimann Memorial Scholarship  
 Helen Englander Nash Scholarship Fund at Stern College  
 Jack, Albert, and Morris Nasser Scholarship Fund for Sephardic Students  
 Varda Roni Katz Nistar Memorial Scholarship  
 Irving Nordlicht Memorial Scholarship at Yeshiva College, *established by Barbara and Jules Nordlicht*  
 Irene Oestreicher Scholarship at Stern College  
 Abraham Parkoff Scholarship Fund at James Striar School  
 Abe and Inda Pekarsky Endowed Scholarship

Jacob Perlow Memorial Scholarship Fund  
 Leo and Ruth Pevsner Endowed Scholarship  
 Murray Ely Phillips Memorial Scholarship Fund  
 Dena and Sheldon Pickholz Scholarship at Yeshiva College  
 Mr. and Mrs. Ludwig Plaut Scholarship  
 Felix Posen Scholarship  
 Benjamin Pressner Scholarship for Russian and American Students  
 Arnold Jay Ramm and Lillian Sehres Ramm Endowed Scholarship Fund  
 Leo and Hannah Reich Scholarship Fund  
 Joseph and Edith Reinstein Scholarship  
 Ingeborg Rennert Scholarship for Holocaust Survivors' Children  
 Joel J. and Gladys Rheins Perpetual Scholarship Fund  
 Samuel and Rose Riemer Memorial Academic Scholarship



Alfred and Seymour Ring Scholarship  
 Ring Family Scholarship Fund in Memory of Freda and Leo Ring  
 Evelyn and Robert H. Roberts Scholarship  
 Iser and Anna Roller Scholarship at Stern College  
 Iser and Anna Roller Scholarship at Yeshiva College  
 Otto A. Rosalsky Memorial Scholarship  
 Matthew B. Rosenhaus Scholarship  
 Clara Rosenhirsch Scholarship Fund, *established by her daughter, Mrs. Gertrude Zisson*  
 Murray Roth Scholarship Fund at Stern College, *established by Catherine George Adler*

- Rose Roth Memorial Scholarship at Stern College and Yeshiva College, *established by Shirley and Louis Greenberg and the Greenberg Family Foundation*
- Sylvia Roth Memorial Scholarship Fund at Stern College, *established by Murray Roth*
- Mr. and Mrs. Samuel Rotman Scholarship for Students at Stern College
- Eli L. and Julia Rousso Scholarship Fund for Sephardic Students
- Samuel and May Rudin Foundation Talmudic Studies Scholarship Fund
- Samuel Sall Scholarship
- Louise and Lewis Saxe Memorial Scholarship Fund
- Sidney Schutz Memorial Scholarship Fund
- Harry F. and Anna S. Schwartz Scholarship Fund
- Rosalind Schwartz Memorial Scholarship
- Abraham and Lana Schwebel Memorial Scholarship
- Faygie Leah and Pincus Shapiro Memorial Scholarship
- Sabina D. and Benjamin Shapiro Scholarship Fund
- Rubin and Sarah Shaps Scholarship Fund
- Joseph and Sylvia Shaw Scholarship
- David and Selma Sheldon Scholarship Fund
- Sol and Florence Shenk Endowed Scholarship Fund
- Sally A. Burns Shenkman Scholarship at Stern College
- Marjorie and Joseph Sherr and Leon Nagovrney Memorial Scholarship
- Morris and Sarah Shidlovsky Memorial Scholarship Fund, *established by David S. Sheldon*
- Rabbi I. Harry and Sonia Shoulson Scholarship
- Jack and Sharon Siegel Scholarship
- Ralph Siegel Scholarship Fund for Foreign Students
- Zara Jakubovitz Silver Scholarship
- Herman Silverstein Endowed Scholarship Fund
- Lillian M. and Sidney Slan Endowed Scholarship
- Mr. and Mrs. Herbert Smilowitz Scholarship Fund at Stern College
- Mr. and Mrs. Herbert Smilowitz Scholarship Fund at Yeshiva College
- James F. Smith Scholarship Fund
- Rose Snofsky Scholarship Fund for Jewish Studies
- Clement and Emma Soffer Scholarship for Sephardic Students
- Helen Spatz-Chaya Bas Dovid Zallman Memorial Scholarship
- Joseph and Johanna Spatz Memorial Scholarship Fund, *established by their daughter, Ruth Spatz*
- Sylvia Sporn Scholarship Fund
- Tess Stavisky Scholarship
- Joseph and Gail Stechler Endowed Scholarship for Russian Students at James Striar School
- Stechler Foundation Endowed Scholarship at James Striar School
- Rabbi Moses Sterman Scholarship Fund
- Leonard N. Stern Scholarship Fund
- Rabbi H. Norman Strickman Scholarship Fund, *established by the Marine Park Jewish Center*
- Abe S. Sutton Memorial Scholarship for Sephardic Students
- Leo Tanenbaum Scholarship Fund for Students Majoring in Mathematics and Computer Sciences
- Sol and Janice Tanne Endowed Scholarship
- Helen Tenenbaum Memorial Scholarship Fund
- Herbert and Florence Tenzer Scholarship Fund
- Joseph Tonkin Scholarship Fund
- Sidney Tumin Scholarship at Stern College
- Meyer Vessel Memorial Scholarship
- David and Margaret Waldman Scholarship
- Ilse Warburg Scholarship Fund
- Rabbanit Helyne Washer Memorial Scholarship at Stern College
- I. Robert, z'l, and Diane Wassner Torah Chesed Fund
- Jonathan and Freida Weinberger Scholarship
- Abraham and Mildred Weingarten Memorial Scholarship Fund
- David and Margaret Weingarten Scholarship
- Tobey and Charles Weinstein Endowed Scholarship
- Aron Weiser and Moshe Weiss Memorial Scholarship, *established by Howard and Tova Weiser*
- Mr. and Mrs. Alan Weisfeld Scholarship at James Striar School
- Rabbi Alex Weisfogel Scholarship Fund
- Sidney Weisner Scholarship Fund for Students from Teaneck Jewish Center
- Mr. and Mrs. Paul Wiener Scholarship
- Molly Wiernik Memorial Scholarship Fund
- Peter Wiernik Memorial Scholarship
- Dr. Marcia Robbins-Wilf Scholarship
- Rabbi Joseph H. Wise, YC'38, Memorial Scholarship at Yeshiva College, *established by Batya and Michael Wise, YC'64*
- Tina Adrian Wisznia Memorial Scholarship, *established in memory of their daughter by Mr. and Mrs. Walter Wisznia*
- Rabbi Harry I. Wohlberg Scholarship
- Esther and Samuel Wolfson Memorial Scholarship Fund
- Dr. David and Ruth Wollowick Scholarship Fund for Students at James Striar School
- Eleanor and Abe Wolodersky and Simon Deckter Memorial Scholarship Fund
- Max Yablick Scholarship Fund

David and Grace Yagoda Scholarship Fund  
 Rose Yavarkovsky Scholarship at Stern College  
 Yeshiva University Women's Organization Scholarship Fund  
 Morris Zauderer Memorial Scholarship Fund  
 Lena Zemel Memorial Scholarship Fund  
 Herman Zimmer Scholarship Fund  
 Henry and Fanny Ziskin Scholarship  
 David and Gussie Zizmor Torah Fund  
 Samuel Zughaft Memorial Scholarship Fund  
 David H. Zysman Scholarship Fund



**PERSONAL ENDOWED SCHOLARSHIPS AT  
 SY SYMS SCHOOL OF BUSINESS**

Arthur Ainsberg Scholarship  
 Edwin M. Appel Scholarship Fund  
 Elliott Bass Memorial Scholarship Fund,  
*established by Sy Syms*  
 Carl and Dorothy Bennett Scholarship Fund  
 Beretz, Katz, Tandler Scholarship Fund  
 Hugo Naftali Cahnman Memorial Scholarship Fund  
 Harold Charno Memorial Scholarship  
 Emanuel E. Davis Scholarship Fund for Deserving  
 Students, *established by the Davis Foundation*  
 Deloitte and Touche Scholarship in Accounting  
 Mitzi and Mel Dobrin Scholarship Fund  
 Leah and Nathan Dobrinsky Memorial Scholarship  
 Mitzi and Warren Eisenberg Scholarship Fund  
 Simon and Frieda Frank Scholarship Fund

Dr. Bernard W. and Deborah Sobel Gamson Scholarship in  
 Memory of Rabbi Dov and Anna Sobel and Miriam Sobel  
 Weinschneider  
 Marion and Max Grill Scholarship  
 Rabbi Rafael G. Grossman Scholarship Fund  
 Charles Keller Scholarship in Accounting  
 Sam Klein Scholarship Fund  
 Charles Krasne Scholarship Fund  
 Joseph E. Saul Scholarship  
 Seymour Seiden Memorial Scholarship Fund, *established in  
 memory of her brother by Florence Seiden*  
 Pauline and Joseph Silber Scholarship Fund  
 Leon and Rose Silberstein Scholarship in Business Education  
 Nathan and Toby Starr Scholarship Fund  
 Jonathan and Frieda Weinberger Scholarship, *established  
 by Dr. and Mrs. Miklos Weinberger*  
 Ephraim Wiesel Scholarship, *established by Dr. and  
 Mrs. Miklos Weinberger*  
 Jay H. Zises Scholarship  
 David H. Zysman Scholarship

**BORA LASKIN SCHOLARSHIP FUND FOR  
 CANADIAN STUDENTS**

This fund, established by the Canadian Friends of YU in  
 memory of the late Chief Justice of Canada, provides  
 assistance for the largest group of foreign students at the  
 various schools of the University.

Guardians Scholarship Funds  
 Samuel and Liliane Aberman Scholarship Fund  
 Philip and Connie Beinhaker  
 Bessin Family Scholarship Fund  
 Charles R. and Andrea Bronfman Scholarship Fund  
 Sarah Rivka Kerzner Memorial Scholarship Fund at Stern  
 College, *established by Joseph Kerzner, CA, DHL*  
 Moses Kirsch Scholarship Fund  
 Israel and Golda Koschitzky Family Scholarship Fund,  
*established by Saul and Henry Koschitzky*  
 Joseph and Willy Lebovic Scholarship Fund  
 Joseph and Rosalie Segal Scholarship Fund  
 Joseph and Bessie Simon Scholarship Fund  
 Nathan and Toby Starr Scholarship Fund  
 Joseph Tanenbaum Scholarship Fund

**Scholarships**

Betty and Charles Arron Scholarship  
 Apotex, Inc., Scholarship, *established by Dr. Barry C.  
 Sherman and Jack Kay*  
 Marc D. Belzberg Scholarship

Moses and Hannah Brody Memorial Scholarship, *established by the estate of Pearl Brody*  
 Bernice and Morton Brownstein Scholarship in Memory of Mr. and Mrs. Benjamin Brownstein  
 Jacob and Betty Cohen Scholarship  
 Chaim and Miriam Denburg Scholarship  
 Vera Dolly Denty Memorial Scholarship  
 Mitzi and Mel Dobrin Scholarship  
 Leah and Nathan Dobrinsky Memorial Scholarship  
 Ruth and Avrum Drazin Scholarship  
 Feintuch, Balitsky and Alte Scholarship  
 David and Barbara Fiering Scholarship  
 Perez F. and Frieda Friedberg Foundation Scholarship  
 Al Green, Harold Green, and Al Latner Scholarship, *established by Albert J. Latner*  
 Joyce and Herbert Green Scholarship  
 Marcia and Abraham Gurman Scholarship  
 Harvey Hecker and Phil Schwartz Scholarship  
 George Kalmar Scholarship  
 Jeffrey and Debbie Kerzner Scholarship  
 Joseph Kerzner Scholarship  
 Sarah Kerzner Memorial Scholarship, *established by Joseph Kerzner, C.A., D.H.L.*  
 Ethel and Charles Kravetsky Memorial Scholarship, *established by Mr. and Mrs. Marvin Kravetsky*  
 David Mechanic Scholarship  
 Blanche and Irving Medjuck Scholarship, *established by Ralph and Franklyn Medjuck*  
 Evelyn and Morrie Neiss Scholarship in Memory of Alvin Ely Neiss, B.Ph., L.Ph.  
 Dr. and Mrs. Mark Nusbaum and Dr. and Mrs. Tibor Juda Scholarship  
 Pascal Family Scholarship  
 Isadore and Hannah Reisman Scholarship, *established by George Reisman*  
 Dr. Samuel Rosenblum Memorial Scholarship  
 Kurt and Edith Rothschild Scholarship  
 Mr. and Mrs. Samuel Rotman Scholarship for Students at Stern College  
 Henrietta and I. Meier Segals Scholarship  
 Saul Sigler Memorial Scholarship for Toronto Students, *established by Sylvia Sigler, Marvin and Judy Sigler, and Dr. Avi and Deena Spigelman*  
 Joseph and Nancy Silver Memorial Scholarship, *established by Mr. and Mrs. Avram Silver*  
 Sara and Julius Silverman Scholarship, *established in honor of their grandson, Rabbi Barry Feder*  
 Nachman and Bertha Sokol Scholarship  
 Henry and Mary Steckler Scholarship

Dora and Moses E. Stern Memorial Scholarship  
 Gershon and Merle Stern Scholarship  
 Zalman and Barbara Stern Scholarship  
 Joel Sternthal Family Scholarship  
 Sun Life of Canada Companies Scholarship  
 Harold Tanenbaum Memorial Scholarship, *established by the Lawrence Tanenbaum Family Charitable Foundation*  
 Sidney Warren Family Scholarship Fund  
 Alan and Gwen Zekelman Scholarship Fund  
 Zekelman Family Scholarship in Memory of Harry Zekelman  
 Sol Zukerman Scholarship  
 David and Michael Zunenshine Scholarship

**THE HAHAM, RABBI DR. SOLOMON GAON MEMORIAL SCHOLARSHIP FUND**

This fund, established by the Sephardic Council of Overseers in memory of the late Haham, Rabbi Dr. Solomon Gaon, provides assistance for Sephardic students who will enter Jewish communal service.

Mr. and Mrs. D. David Cohen Scholarship  
 Ike, Helen, Jack, David and Joseph Eshaghian Scholarship in memory of their father, Ebrahim Eshaghian  
 Jacob S. Knafo Memorial Scholarship, *established by Henri Bengualid and family*  
 Mr. and Mrs. Leon Levy Scholarship  
 Walter H. Weiner Scholarship Fund for Sephardic Students

**YESHIVA ENDOWMENT FOUNDATION, INC.**

These endowed scholarship funds are provided by income from trust funds established with Yeshiva Endowment Foundation, Inc., the endowment affiliate of Yeshiva University.

Annie Abramson Memorial Scholarship Fund  
 Benzion, Clara, Jacob, Sarah, and Joseph Emanuel Fund  
 Louise and Nathan Goldsmith Scholarship  
 Mendel and Sarah Gottesman Memorial Scholarship, *established by the late Mendel Gottesman*  
 Mendel, Lillian, and Estelle Levy Scholarship, *established by the Levy Foundation*  
 David and Esther Shapiro Scholarship, *established by Mr. and Mrs. David Shapiro*  
 Samuel and Pauline Stavisky Perpetual Endowed Scholarship

**UNDERGRADUATE LOAN FUNDS**

Adolf Baumann-Samuel Redlich Memorial Student Aid Fund, *established by Mr. and Mrs. Martin Baumann*  
 Martin and Sybil Baumann Student Aid Fund  
 Rabbi Morris J. Besdin Memorial Loan Fund

Lea Chinitz Loan Fund

Annie Chutick Scholarship and Loan Fund, *established by daughters Dr. Lillian Chutick and Dr. Rebecca Chutick*

Meyer and Lily Fishman Loan Fund

N. and L. Goldsmith Loan Fund

Adele R. Gray Free Loan Fund at Yeshiva College

Dr. Hyman B. Grinstein Memorial Student Loan Fund

Harry and Rose Jacobs Foundation Scholarship and Loan Fund

Moses Kirsch Loan Fund

Gustav and Hattie F. Klein Student Aid Fund

Louis Kohen Family Interest-Free Student Loan Fund

William and Sarah Kustin Loan Fund

Myron M. Meyers Special Foreign Students Fund at Yeshiva College and Stern College

Dr. David Mirsky Memorial Student Loan Fund

Berl Reiferson Loan Fund

Frieda Reiferson Loan Fund

Fanny and Asher Scharfstein Loan Fund

Solomon Sitzman Loan Fund

Hyman and Lena Tampkin Loan Fund

Teachers Institute Alumni Fund

**AWARD**

Lillian F. and William L. Silber Professor of the Year Award

**PRESIDENT'S CIRCLE**

Comprising dedicated alumni of the undergraduate schools, the President's Circle was established in 1989 to help advance undergraduate programs. Members dispense funds to enhance the quality of campus life, based on meetings with student leaders, faculty, and administration—as well as their own experiences as undergraduates.

Robert I. Kantowitz '76

*Co-Chairman*

Louis Tuchman '81

*Co-Chairman*

Marc Aaronson '73

Jack Adelman '53

Dr. Harvey S. Bennett '71

Elana and Daniel Billig '93/'96

Dr. Martin H. Bodek '82

Chaim Charytan '60

Dr. Paul A. Fein '68

Andrew Herenstein '84

Shalom Lamm '81

Geoffrey Miller '90

Moshe Orenbuch '84

Seth Peyser '81

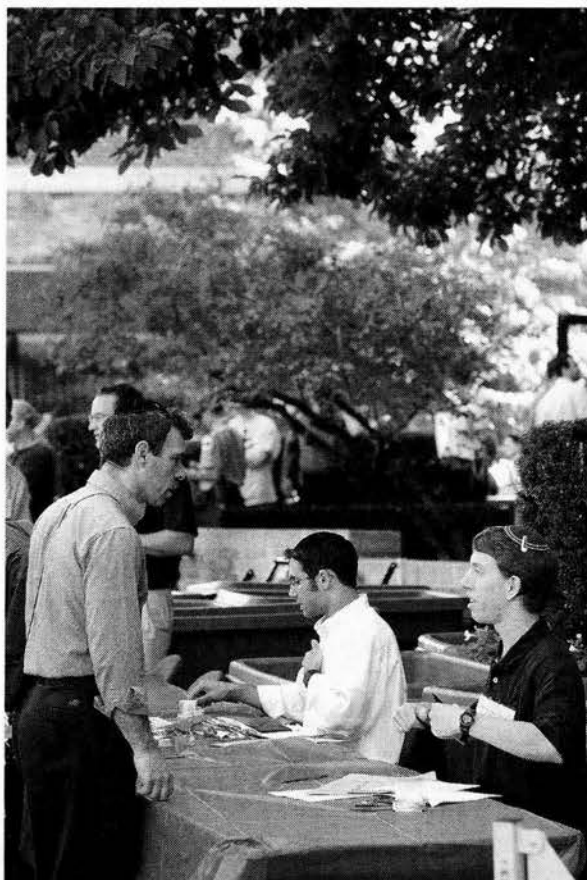
Judith Krotki Putterman '71

Steven Selesny '84

Penny and Dr. Alan E. Uliss '76/'76

Dr. Ari Weitzner '84

Dr. Daniel and Alyssa Zanger '84/'84 (YUHS)



# University Alumni

Of the more than 45,000 Yeshiva University alumni throughout all 50 states and in more than three dozen other countries, almost a third have graduated from the three undergraduate colleges. Among them are distinguished leaders in government service, education, law, medicine, business, social service, and science.

These graduates have formed alumni associations to maintain close relationships with one another and with their respective schools. Their fundamental goal is to make their alma mater better today than it was yesterday, and to make it even better tomorrow.

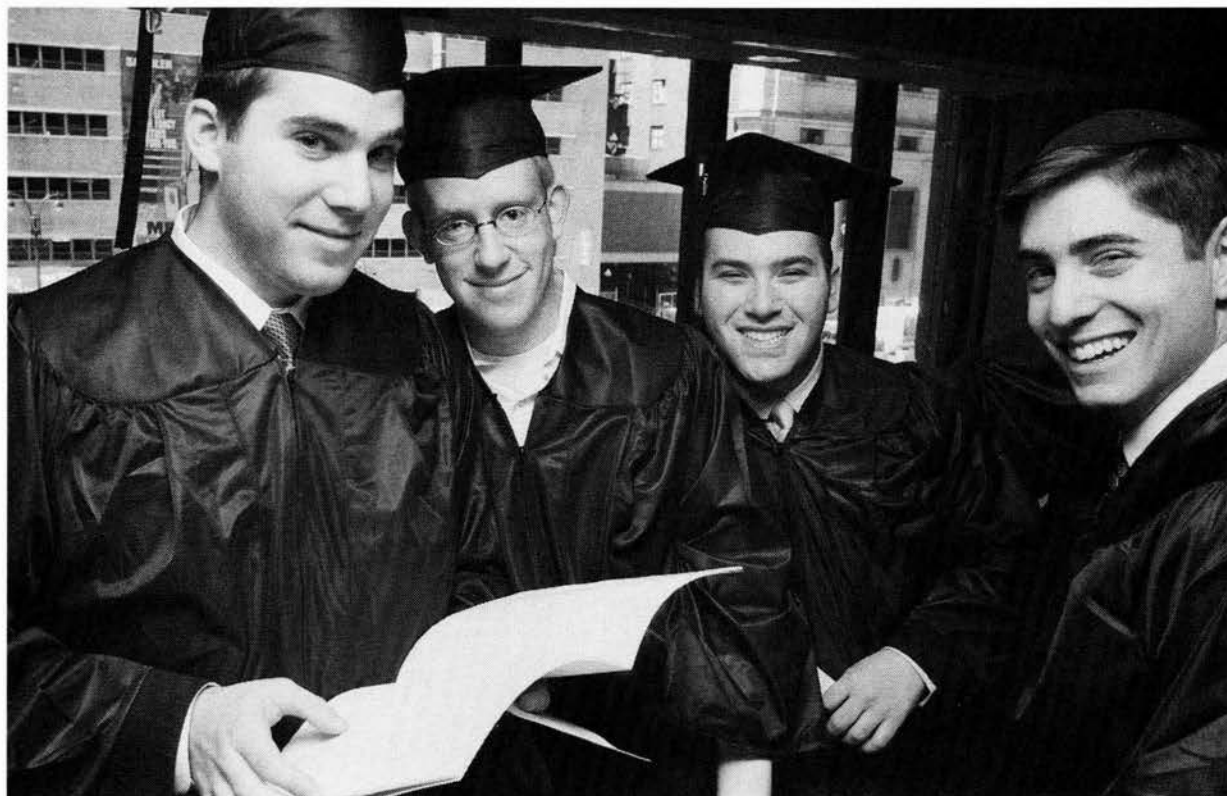
Alumni associations encourage involvement by their members. Whether planning or attending reunions, mentoring current and former students, or contributing funds for scholarships, etc., alumni exert a positive influence. In addition, alumni associations regularly sponsor lecture series as well as

award presentations and other activities on campus, throughout the United States, and in Israel.

All graduates receive the *Yeshiva University Review* as well as other newsletters and program announcements. In addition, the new YU Online Alumni Community allows graduates to locate and communicate with one another.

The Office of University Alumni Affairs, at the Wilf Campus, coordinates programs, events, and organizational efforts for all graduates. Staff members are available to assist individual alumni with information about the University and alumni activities, and to serve as liaisons among associations.

Alumni around the world may contact the Office of University Alumni Affairs, Yeshiva University, 723 Belfer Hall, 500 West 185th Street, New York, NY 10033-3201; phone: 212-960-5373; fax: 212-960-5336; e-mail: [alumdesk@ymail.yu.edu](mailto:alumdesk@ymail.yu.edu).



# Program Codes, Titles, and Degrees

HEGIS Code	Program Number	Program Title	School(s)*	Degree**
0502	80225	Accounting	SSSB	BS
1111	11081	Bible (Hebrew Lang.)	IBC	BS
0401	11026	Biology	YC, SCW	BA
0506	86133	Business & Management***	SSSB	BS
1905	11115	Chemistry	YC, SCW	BA
1101	11063	Classical Languages	YC	BA
0701	11048	Computer Sciences	YC, SCW	BA
2204	11126	Economics	YC, SCW	BA
1111	11075	Education (Hebrew Lang.)	IBC	BA
0802	11050	Elementary Education***	SCW	BA
1501	11099	English***	YC, SCW	BA
1102	11065	French	YC	BA
1111	11089	Hebrew	YC	BA
1111	11095	Hebrew	IBC	BS
5611	11068	Hebrew Lang., Lit. & Cult.	JSS, IBC, SCW	AA
5611	77409	Hebrew Teacher	IBC, SCW	HTD
2205	11128	History	YC, SCW	BA
1111	11080	Jewish History (Hebrew Lang.)	IBC	BS
1111	11085	Jewish Philos. (Hebrew Lang.)	IBC	BS
1111	11090	Jewish Studies (Hebrew Lang.)	YC, SCW	BA
1701	11105	Mathematics***	YC, SCW	BA
1005	11062	Music	YC	BA
1509	11102	Philosophy	YC, SCW	BA
1902	11111	Physics	YC	BA
2207	11129	Political Science	YC, SCW	BA
1901	11108	Pre-Engineering	YC, SCW	BA
4902	09122	Psychology	YC, SCW	BA
1111	11087	Sephardic Studies	IBC	BS
4999	11135	Shaped Major	SCW	BA
2208	11131	Sociology	YC, SCW	BA
1506	11100	Speech and Drama***	YC	BA
1220	21769	Speech Pathology/Audiology	SCW	BA
1111	11088	Talmud	IBC	BS

\* The school(s) of the University at which the programs are offered are designated as follows:

IBC—Isaac Breuer College of Hebraic Studies; JSS—James Striar School of General Jewish Studies; SCW—Stern College for Women; SSSB—Sy Syms School of Business; YC—Yeshiva College.

\*\* Degrees and diplomas are abbreviated as follows: AA—associate in arts; BA—bachelor of arts; BS—bachelor of science; HTD—Hebrew teacher's diploma.

\*\*\* Two or more elective concentrations are available in this program.

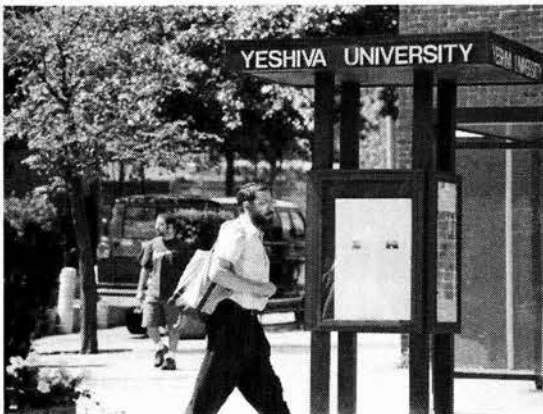


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## WHERE TO SECURE INFORMATION

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Yeshiva Program/Mazer School  
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Irving I. Stone Beit Midrash  
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Sy Syms School of Business  
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Ferkauf Graduate School  
of Psychology  
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### **Affiliate Wilf Campus**

Rabbi Isaac Elchanan  
Theological Seminary  
Office of the Dean  
212-960-5344

**Admission, Catalogs,  
Applications**  
Undergraduate Schools:  
OFFICE OF ADMISSIONS  
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yuadmit@ymail.yu.edu

Graduate schools:  
Contact individual school

Rabbi Isaac Elchanan  
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**Student Financial Aid,  
Scholarships, Loans**  
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**Billing and Payments**  
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**Records, Transcripts, Calendar**  
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