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Programs of Study: Majors and Minors

ACCOUNTING (ACC)

MAJOR: Sy Syms School of Business

CPA TRACK:

ACC 1101, 1102, 2403, 3201, 3601; BLW 2112; TAX 6124, 6125; and any one Sy Syms elective.

NON-CPA TRACK:

ACC 1101, 1102, 2403, 3201, 3601; one additional ACC/TAX course and any three additional Sy Syms electives.

MINOR: For Sy Syms School of Business students

ACC 1101, 1102, and 2403.

MINOR: For Yeshiva College Students

ACC 1001, 1002, FIN 1001, ACC 1101, 1102, and any other Sy Syms business course.

BIBLE (BIB)

CONCENTRATION of JEWISH STUDIES MAJOR: Yeshiva College

While there is no formal major in Bible, Jewish studies majors may concentrate in that field. See the description of the Jewish studies major.

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 1045R–1046R (lecture) and CHE 1047L (laboratory); two courses chosen from MAT 1412, MAT 1413, STA 1021; Plus 1 additional biology elective course.

Although not required, organic chemistry and physics are strongly recommended. These courses are routinely required for pre-health graduate programs.

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 biology minor.



BUSINESS AND MANAGEMENT (BUS)

MAJORS AND MINORS: Sy Syms School of Business

Students majoring or minoring in the Business and Management program select one of the following concentrations: Business Intelligence and Marketing Analytics, Finance, Management, or Marketing. The business core is required for each concentration. Major requirements for Business and Management are found in this publication under each concentration name.

MINOR: For Yeshiva College Students

18 credits: MAN 1020, plus three additional Sy Syms business core courses and any two Sy Syms upper level (non business core) courses.

BUSINESS INTELLIGENCE AND MARKETING ANALYTICS (BIMA)

CONCENTRATION of BUSINESS MAJOR: Sy Syms School of Business

IDS 2030, 2160, 2550, 3000, MAR 2501, one course from IDS 2460, MAR 2621 or 3318 and three additional business electives.

MINOR:

See Information and Decision Sciences

CHEMISTRY (CHE)

MAJOR: Yeshiva College

CHE 1045R–1046R (lecture) and CHE 1047L (laboratory); CHE 1122; CHE 1213R-1214R (lecture) and CHE 1215L (laboratory); CHE 1222; CHE 1415–1416; CHE 1936; CHE 1937 or 1938; MAT 1412, 1413; PHY 1031-1032 or 1051-1052-1061 (lecture and laboratory; 1051-1052-1061 highly recommended); and one additional advanced CHE course.

All prospective Chemistry majors are strongly encouraged to take Introduction to Chemical Research (CHE 1936) during their first year on campus. This course is offered every Spring semester.

MINOR: Yeshiva College

CHE 1045R–1046R (lecture) and CHE 1047L (laboratory); CHE 1122 or 1415; CHE 1213R-1214R (lecture) and CHE 1215L (laboratory); and one additional CHE course.

BIOCHEMISTRY (BC)

MAJOR: Yeshiva College

CHE 1045R–1046R (lecture) and CHE 1047L (laboratory); CHE 1213R-1214R (lecture) and CHE 1215L (laboratory); CHE 1415 OR 1416; CHE 1376R and 1376L (lecture and



laboratory); BIO 1011, 1012 (lecture and laboratory); MAT 1412, 1413; PHY 1031-1032 or 1051-1052-1061 (lecture and laboratory; 1051-1052-1061 highly recommended); plus two courses selected from BIO 3207C; 3230C; 3513C; 3521C; CHE 1379C.

COMPUTER SCIENCES (COM)

MAJOR: Yeshiva College

COM 1300, 1320, 1504, 1621, 2113, 2545, 3610, 3640, 4512 and 6 credits in COM electives; MAT 1412 and 2105.

Note also the computer track of the mathematics major.

MINOR: Yeshiva College

COM 1300, 1320, 1504, 2545, 4512 and 3 additional credits in COM electives; MAT 1412.

As of Fall 2017:

COM 1300, 1320, 1504, 2545 and 3 additional credits in COM electives; MAT 1412, 2105.

CRIMINOLOGY (CRM)

MINOR: See SOC section

ECONOMICS (ECO)

MAJOR: Yeshiva College

BASIC TRACK:

Thirty-four credits: ECO 1010, 1101, 1201, 1421; MAT 1412; STA 1021; 9 additional credits in Economics electives (up to 6 additional credits in Accounting or Finance courses but not more than 3 for Accounting taken at the Sy Syms School may count toward these Economics electives); two advanced Economics electives.

MATHEMATICAL ECONOMICS TRACK:

Thirty-six credits: ECO 1101, 1201; MAT 1412, 1413, 1510; STA 1021 or MAT 2461 or ECON 5202; ECO 1421 or MAT 2462 or ECON 5203. Students must also take one general Economics elective; two advanced Economics electives, and complete a 3-credit capstone course (ECON 5101 or 5103) or Senior Research seminar.

Students who can place out of MAT 1412 must take MAT 2105. Students who can place out of both MAT 1412 and 1413 must take MAT 2105 plus either an additional higher level math class or economics elective.

Advanced Economics electives are those courses that have a prerequisite of ECO 1101 or 1201. All other Economics courses and all Sy Syms Accounting and Finance classes count as general Economics electives.



MINOR: Yeshiva College

ECO 1010, MAT 1412, and four additional Economics courses. STA 1021 may count toward the minor but is not required.

ENGLISH (ENG)

MAJOR: Yeshiva College

Thirty-three credits: ENG 2010 (to be taken within the first two semesters of study for the major); Two ENG literature courses numbered 3000-3999; One advanced writing course; ENG 4001 + 4002 (Capstone Senior Colloquium and Orals - 2 consecutive terms, each earning 2 credits) to be taken in the final two semesters of study for the major; plus six additional ENG courses (of which up to two may be advanced writing courses and one may be a cross-listed Core course).

From all the previous requirements: at least one literature course must focus on the pre-1700 period (Medieval to Early Modern Literature and Culture) and at least one literature course must focus on non-British literature.

Please note that FYWR 1020 is a prerequisite for all other ENG courses.

ENGLISH MINOR: ENG 2010 and 15 additional ENG credits (of which one may be an advanced writing course). All but one course must be taken in residence, and any transfer course must be approved, if possible in advance.

MEDIA STUDIES MINOR; ENG 2010, six additional ENG credits (one approved 1000-level Advanced Writing course and one approved 2000- or 3000- level media-related course), one approved three-credit course from another discipline, and two additional approved courses (which may be Core courses).

WRITING MINOR: 12 credits in advanced writing courses (beyond FYWR and FYSM).

FINANCE (FIN)

CONCENTRATION of BUSINESS MAJOR: Sy Syms School of Business

FIN 1408, 2409, 2505, either 2521 or 3510, two additional finance electives and any three additional business electives.

MINOR: For Sy Syms School of Business students

Any three upper level finance courses (beyond FIN 1001).

MINOR: For Yeshiva College Students

ACC 1001, FIN 1001, IDS 1131* and any two additional finance courses plus one business core course.



*Any student who has taken STA 1021 (and received a grade of C or better) may take IDS 1456. Students who have taken STA 1021 and MAT 1412 may take additional finance elective.

HISTORY (HIS)

MAJOR: Yeshiva College

Thirty-three credits: HIS 1101, 1102, and 24 additional HIS credits (at least 6 credits in American history and 3 in non-Western history), plus one capstone course (HIS 3001 or HIS 3002 or HIS 4001). With the permission of the departmental advisor, up to 6 credits in Jewish history (in excess of those used to meet Jewish studies distribution requirement) may be counted toward the major.

MINOR: Yeshiva College

Eighteen credits: HIS 1101, 1102, and 12 additional HIS credits (at least 3 credits in American history). With the permission of the departmental advisor, up to 3 credits in Jewish history (in excess of those used to meet Jewish studies distribution requirement) may be counted toward the minor.

INFORMATION AND DECISION SCIENCES (IDS)

CONCENTRATION of BUSINESS MAJOR: Sy Syms School of Business

See Business Intelligence and Marketing Analytics.

MINOR: For Sy Syms School of Business students

Any three upper level information and decision sciences courses (beyond IDS 1020).

MINOR: For Yeshiva College Students

IDS 1020, 1131*, 2030, 2160, two additional IDS courses.

*Any student who has taken STA 1021 (and received a grade of C or better) may take IDS 1456. Students who have taken STA 1021 and MAT 1412 may take additional business course.

JEWISH HISTORY (JHI)

CONCENTRATION of JEWISH STUDIES MAJOR: Yeshiva College

While there is no formal major in Jewish history, Jewish studies majors may concentrate in that field. See the description of the Jewish studies major.



JEWISH PHILOSOPHY (JPH)

CONCENTRATION of JEWISH STUDIES MAJOR: Yeshiva College

While there is no formal major in Jewish philosophy, Jewish studies majors may concentrate in that field. See the description of the Jewish studies major.

JEWISH STUDIES (JST)

MAJOR: Yeshiva College

Eight courses in Jewish studies (consisting of at least 22 credits) beyond those taken to satisfy the Jewish studies general education requirements. Five of these courses must be in an area of concentration, consisting of at least 13 credits, defined either in terms of a discipline (BIB, JHI, JPH) or a period (Ancient - JANC, Medieval - JMED, or Modern - JMOD). At least one course in Jewish Philosophy or Thought.

Correlate: Three courses outside of Jewish Studies beyond the Core curriculum, in a discipline or area (generally in the humanities or social sciences) chosen by the student based on his particular area of interest in Jewish Studies and approved by a departmental adviser.

No HES credits for study in Israel, MYP, or SBMP may be counted toward the major. A maximum of two courses taken outside of Yeshiva College (YC) may be applied to the major with the approval of the departmental adviser or chair.

Students who have completed ninety-two credits may apply to the BA/MA Program of Yeshiva College and the Bernard Revel Graduate School. They may take up to four graduate courses that will count toward their undergraduate degree as well as an MA in Revel. Only two BRGS courses can be applied to the undergraduate major in Jewish Studies. Students who are not in the BA/MA program may ask the Jewish Studies professor assigned to make this determination for special permission to enroll in a Revel class. Please note that BA/MA students, whatever their undergraduate major may be, must complete the regular YC requirements for that major.

MINOR: Yeshiva College

Five courses consisting of at least 13 credits beyond those taken to satisfy the Jewish studies general education requirements.

MANAGEMENT (MAN)

CONCENTRATION of BUSINESS MAJOR: Sy Syms School of Business

MAN 2110, 3015, 3720, 3780, two additional management electives and three additional business electives.

MINOR: Sy Syms School of Business

Any three upper level management courses (beyond MAN 1020).



MINOR: For Yeshiva College Students

MAN 1020, 3015, 3780, two additional management courses and one business core course.

MARKETING (MAR)

CONCENTRATION of BUSINESS MAJOR: Sy Syms School of Business

MAR 2501, 2621, 3318, 3720, two additional marketing electives and three additional business electives.

MINOR: For Sy Syms School of Business students

Any three upper level marketing courses (beyond MAR 1001).

MINOR: For Yeshiva College Students

MAR 1001, 2501, 3318, two additional marketing courses and one business core course.

MATHEMATICS (MAT)

MAJOR: Yeshiva College

GENERAL TRACK:

MAT 1412, 1413, 1510, 1520, 1521, 2105, and 12 additional credits in advanced MAT courses (numbered 1500 or higher); also three correlate courses chosen from course offerings in Computer Science, Economics, and Physics (PHY 1051R-1052R-1061L and COM 1300 are strongly recommended).

COMPUTER TRACK:

MAT 1412, 1413, 1510, 2105, and two electives from the following: MAT 1520, 1521, 2215, 2461, 2462, 2651, or any courses numbered 5000 or higher. Also COM 1300, 1320, 1504, 1621, 2113, 2545, and one of COM 3563, 3610, or 3640.

PRE-ACTUARIAL TRACK:

MAT 1412, 1413, 1510, 2105, 2461, 2462, 5256, plus 5257 or 5267, as well as 2 additional courses in advanced MAT courses (numbered 1500 or higher); also four required correlate courses: COM 1300, ECO 1010, 1421 plus an additional elective in Computer Science or Economics. With permission of the department, the courses ECON 5201 and/or ECON 5202 may be substituted for MAT 5256, 5257, or 5267.

MINOR: Yeshiva College

MAT 1412, 1413, 1510, 2105 and 6 additional credits in advanced MAT courses (numbered 1500 or higher).

The normal sequence of courses in the first two years is 1412, 1413, 1510, and 2105. A mathematics placement examination is administered at the beginning of each semester for all students who wish to enroll in MAT 1412 (Calculus I). Students who fail to achieve



a satisfactory grade on the placement examination will be requested to enroll in MAT 1160 (Pre-calculus) instead.

MEDIA STUDIES (MDST)
MINOR: See ENG section

MUSIC (MUS)

MAJOR: Yeshiva College

PHILIP AND SARAH BELZ PROGRAM: Thirty credits including:

Theory (16 credits)

Diatonic Harmony and Counterpoint 1 and 2 (2111 and 2112) and co-requisite Ear Training Lab 1 and 2 (2111L and 2112L)

Chromatic Harmony and Counterpoint 1 and 2 (2113 and 2114) and co-requisite Ear Training Lab 3 and 4 (2113L and 2114L)

History (6 credits)

Baroque and Classical History (1350) and Romantic and Modern History (1351)

Electives (6 + 2 credits)

Two history courses drawn from the College Core (e.g., Aesthetic Revolutions [1018], Music and the World Wars [1013], American Musical Cultures [1014]) and/or courses cross-listed with Psychology (e.g., Music and the Brain [1829], Music Cognition and Analysis [1810])

A minimum of 2 credits taken in one or all of the following performance categories: Chamber Ensemble (3461), Jazz Ensemble (3467), Applied Music (4111); Composition (2121) or Music Fundamentals (2105) may substitute for the preceding performance ensembles (each course is 2 credits)

MINOR: Yeshiva College

Sixteen credits including:

Theory (8 credits)

Diatonic Harmony and Counterpoint 1 and 2 (2111 and 2112) and co-requisite Ear Training Lab 1 and 2 (2111L and 2112L) OR (with instructor permission and passing a placement exam) Chromatic Harmony and Counterpoint 1 and 2 (2113 and 2114) and co-requisite Ear Training Lab 3 and 4 (2113L and 2114L)

History (3 credits)

Baroque and Classical History (1350) OR Romantic and Modern History (1351)

Electives (3 + 2 credits)

One history course drawn from the College Core (e.g., Aesthetic Revolutions [1018], Music and the World Wars [1013], American Musical Cultures [1014]) and/or courses



cross-listed with Psychology (e.g., Music and the Brain [1829], Music Cognition and Analysis [1810])

A minimum of 2 credits taken in one or all of the following performance categories: Chamber Ensemble (3461), Jazz Ensemble (3467), Applied Music (4111); Composition (2121) or Music Fundamentals (2105) may substitute for the preceding performance ensembles (each course is 2 credits)

PHILOSOPHY (PHI)

MAJOR: Yeshiva College

Thirty credits: 1 course chosen from PHI 1600, 3200 or an approved course in Value Theory; 3 courses chosen from PHI 1100, 1220, 1320, 1360, 1400, 1550, or an approved course in Metaphysics and Epistemology; Students must also take PHI 2170, 2420, and 4931 plus 3 additional elective courses.

Up to 6 credits in Jewish philosophy (JPH) may count as electives toward the major with the approval of the departmental advisor.

MINOR: Yeshiva College

Eighteen credits: 1 course chosen from PHI 1600, 3200 or an approved course in Value Theory; 2 courses chosen from PHI 1100, 1220, 1320, 1360, 1400, 1550, or an approved course in Metaphysics and Epistemology; 1 course chosen from PHI 2170 or 2420; plus 2 additional elective courses.

Jewish philosophy (JPH) courses may count as electives toward the minor with the approval of the departmental advisor.

PHYSICS (PHY)

MAJOR: Yeshiva College

PHY 1051R, 1052R, 1061L, 2051R, 2052R, 2061L, 1221, 1321, 1510 (or 1520), 1621, 1810, one semester of Physics Colloquium (PHY 4935), and 6 additional credits in 2 PHY electives. MAT 1412, 1413, 1510 are also required and Mathematical Physics (PHY 4932) is recommended.

MINOR: Yeshiva College

Twenty-two credits in physics courses including PHY 1051R, 1052R, 1061L.

Pre-engineering students who wish to fulfill the requirements for the Physics major may satisfy up to 9 credits with course work at Columbia University School of Engineering and Applied Science. These 9 credits must be chosen with the approval of the Physics department chair at Yeshiva College.



POLITICAL SCIENCE (POL)

MAJOR: Yeshiva College

Thirty-three credits: Four introductory courses covering four fields of Political Science: Introduction to American Politics (POL 1101), Introduction to International Relations (POL 1301), Great Political Thinkers (POL 1401) and Fundamentals of Political Science (POL 1501); four courses in a chosen area of concentration (American Politics, International Affairs, Comparative Politics, or Political Theory); and three elective POL courses.

MINOR: Yeshiva College

Eighteen credits. Fundamentals of Political Science (POL 1501) and one additional introductory course (American Politics -POL 1101, Introduction to International Relations-POL 1301, or Great Political Thinkers-POL 1401); plus four elective POL courses.

Courses in political science are divided into subfields. Those numbered x1xx are courses in American politics; x2xx are in comparative politics; x3xx are in international relations; x4xx are in political theory; and x5xx are general or cross-field courses. Courses numbered 1xxx are introductory-level courses; courses numbered 2xxx are electives, for which the introductory course is generally recommended or required; courses numbered 3xxx are advanced seminars that will usually have particular prerequisites; and courses numbered 4xxx are independent reading or research projects.

PRE-ENGINEERING (PRE)

MAJOR: Yeshiva College

CHE 1045R-1046R and 1047L; COM 1300; ECO 1011, MAT 1412, 1413, 1510, 2105, 2601; PHY 1051R-1052R, 1061L, 2051R-2052R, 2061L; Additional electives in Physics, Math, Chemistry, or Computer Science will be recommended for specific fields in engineering by the Pre-Engineering Advisor. Students interested in the pre-engineering options are urged to discuss their specific course of study with the Pre-Engineering Adviser each semester prior to registration.

For more information please visit: <http://yu.edu/yeshiva-college/ug/pre-engineering/requirements/>

PRE-HEALTH PREPARATION

The Pre-Health Advising Office

Please visit the web pages for Pre-Health Advising at: <http://yu.edu/academic-advising/undergraduate-men/prehealth/>.



PSYCHOLOGY (PSY)

MAJOR: Yeshiva College

BASIC TRACK:

Thirty-seven credits: PSY 1010, 1021*, 1110, 2100C, 2150, 3105, 3804, and 2414 or 3800; plus 12 additional credits in PSY courses.

PSYCHOLOGY AND THE COMMUNITY TRACK:

Thirty eight credits: PSY 1010, 1021*, 1110, 2100C, 2150, 3105, and 2414 or 3800, plus SOC 2305/SWK 6135. In addition, four elective courses in PSY or in a subject related to the major, chosen with written approval of the department advisor.

PSYCHOLOGY AND SOCIAL WORK TRACK (BA-MSW):

Undergraduate courses for the major include: PSY 1010, 1021*, 1110, 1124, 2100C, 2150 and 2414 or 3800. In addition, students must complete the first year requirements of the MSW program at WSSW.

A maximum of 6 independent study or research credits may count toward the major.

*STA 1021 is considered an equivalent of PSY 1021 only for students who were on campus prior to April 2014.

MINOR: Yeshiva College

Eighteen credits in PSY, including PSY 1010 and PSY 1021/STA 1021, plus twelve additional PSY credits.

A maximum of 6 independent study or research credits may count toward the minor.

PUBLIC HEALTH (PUH)

Minor: Yeshiva College

Introduction to Public Health, Epidemiology and three electives approved by the Public Health advisor.

SOCIOLOGY (SOC)

MAJOR: Yeshiva College

Thirty-three credits: SOC 1001, 3002, 3003, 3090 and an additional 21 credits of which 15 credits must be in sociology, 3 credits may be in any social science or history course, and 3 credits may be STA 1021.

No independent study credits may count toward the major.



SOCIOLOGY MINOR:

Eighteen credits: SOC 1001, 3002, 3003, and an additional 9 credits in sociology. STA 1021 may satisfy 3 elective credits.

No independent study credits may count toward the minor.

CRIMINOLOGY MINOR:

Eighteen credits: SOC 1001, 2301; also 2305 or 2306, 3001 or STA 1021 and an additional 6 credits in sociology related to criminology or approved by the Department Chair.

SPANISH (SPA)

MINOR: Yeshiva College

Fifteen credits: SPA 1201, 1202, 1231 (Advanced Grammar and Comp), one Spanish literature course (SPA 2021, 2022, 2101 or 2131) and one elective course at the 2000 level or above in Spanish or a related field with departmental approval.

WRITING (WRI)

MINOR: See ENG section