

Yeshiva University
Undergraduate Catalog for Women 2018 2020



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1301 Northern Renaissance Art 3 credits

Northern European painting, sculpture, and graphic arts of the 15th and 16th centuries.

Prerequisite: ARIS 1050 or ARIS 1052

1302 15th Century Italy 3 credits

Italian painting, sculpture, and architecture of the 15th century.

Prerequisite: ARIS 1050 or ARIS 1052

1303 16th Century Italy 3 credits

Italian painting, sculpture, and architecture of the 16th century.

Prerequisite: ARIS 1050 or ARIS 1052

1350 Baroque Art 3 credits

Survey of Baroque painting, sculpture, and architecture of 17th century Europe.

Prerequisite: ARIS 1050 or ARIS 1052

1352 18th Century Art 3 credits

Survey of Rococo and Neoclassical painting, sculpture, and architecture of 18th century Europe.

Prerequisite: ARIS 1050 or ARIS 1052

1431 Early 19th Century Art 3 credits

History of art and architecture from late 18th century to the mid 19th century. Emphasis on Neoclassicism and Romanticism.

Prerequisite: ARIS 1050 or ARIS 1052

1432 Late 19th Century Art 3 credits

History of art and architecture from the middle to the end of the 19th century. Emphasis on Realism, Impressionism, and Post Impressionism.

Prerequisite: ARIS 1050 or ARIS 1052

1451 Early 20th Century Art 3 credits

History of art and architecture from 1900 to the 1940s. Emphasis on Modernism and the historical avant-garde.

Prerequisite: ARIS 1050 or ARIS 1052

1471 Contemporary Art 3 credits

History of art from the 1940s to the present, with emphasis on Modernism, Post Modernism, and the rise of the contemporary art world.

Prerequisite: ARIS 1050 or ARIS 1052

1540 Asian Art 3 credits

Survey of the painting, sculpture, and architecture of China, Japan, India, and Southeast Asia.

Prerequisite: ARIS 1050 or ARIS 1051 or ARIS 1052



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1613 American Art 3 credits

Survey of American painting, sculpture, and architecture from the colonial period until the present.

Prerequisite: ARIS 1050 or ARIS 1052

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.

Prerequisite: ARIS 1050 or ARIS 1052

1635 The New York Skyscraper 3 credits

Discover the evolution of the skyscraper from its roots in 19th Century cast iron lofts to the complex amalgams of today. This is an in depth look at the links between architecture, engineering, planning, zoning, and economics using the towers of Midtown and the Financial District as our classroom in 19



1948 Image of Jerusalem 3 credits

This course explores how artists and architects of Judaism, Christianity, and Islam expressed their reverence for Jerusalem and affected its landscape, and how they created symbols of Jerusalem outside the Land of Israel that evoked the Holy City.

1973 through 1977 Topics in Art History 3 credits

May be repeated, as subject matter varies from term to term. Some courses offered abroad.

1985 Seminar in Art History 3 credits

Students develop research skills employing various methodologies used in the study of art history. Oral and written reports are presented on works of art in New York collections.

Prerequisite: required for seniors; open to others with permission

1990 Senior Thesis 1 credit

Exit paper combining research and original scholarship. The paper normally stems from work done in Seminar in Art History.

ART STUDIO COURSES

2001 The Studio Experience 3 credits

Introduction to several different art media and approaches, for the beginning art student. Drawing, painting, and sculpture projects dealing with various degrees of realism and abstraction. For non-majors only.

2201 Principles of Design 3 credits

Elements and principles of two dimensional visual expression, such as line, space, color, and shape, with emphasis on compositional movement. Studio projects, weekly sketchbook assignments and written art reviews. Foundations level course to be taken



2700 Three Dimensional Design 3 credits

A study in the fundamentals of Three Dimensional composition as used by architects, artists, and designers to successfully create products, objects, spaces and experiences. Introduction of basic three-dimensional processes and materials and development of the students' ability to analyze forward space relationships as well as the various intersections of structure, form and meaning

2701 Sculpture 3 credits

Concepts of modern sculpture explored through specific hands-on projects including Carving modeling casting and assemblage.

2703 Model Making 3 credits

This course focuses on model making and its implementation as a three-dimensional communication tool in application to various design disciplines. Starting with scale drawing as a foundation, and with an emphasis on materials and techniques, the entire design and construction process will be explored from sketch models through finished color renderings.

Prerequisite: ARIS 2700

2831 Creativity and Innovation 3 credits

Series of open ended two and three-dimensional projects utilizing new materials and encouraging innovation, experimentation, and creativity.

2901 Printmaking 3 credits

Introduction to a variety of printmaking techniques including relief, intaglio, monotype and serigraphy with an emphasis on contemporary practices and materials.

2902 Advanced Printmaking 3 credits

Advanced projects in printmaking, exploration of additional media and techniques.

Prerequisite: ARIS 2901.

3009 Introduction to Computer Design 3 credits

Students acquire a basic proficiency in the software programs essential to graphic design and visual communication Adobe Photoshop E Illustrator InDesign, This



Authorship and canonization; Masoretic text; translations of the Bible; survey of medieval exegesis; modern Biblical studies; bibliographical and methodological guidance. For advanced students.

1081; 1082 Introduction to Exegesis 3 credits
Principles of biblical interpretation; survey of classical exegetes.

1083; 1084; 1085; 1086 Topics in Biblical Exegesis 3 credits
Selected biblical texts, primarily from the Pentateuch, examined in light of classical and modern Jewish commentaries.

1087; 1088; 1089; 1090 Biblical Exegetes I; II; III; IV 3 credits
Survey of the major exegetes, classical and modern, analyzing historical background, style, and methodology. First semester: Northern French school; second semester: Spanish school; third semester: Provence and Italy; fourth semester: modern commentators.



1207, 1208 The Book of Genesis 3 credits
Same as 1205, 1206 for upper intermediate students.

1209, 1210 The Book of Genesis 3 credits
Intensive study using classical and modern commentaries. For advanced students.

1211; 1212; 1213; 1214 Topics in Genesis 3 credits

1303, 1304 The Book of Exodus 3 credits
Translation and exposition of the text in accordance with standard commentaries; selected passages from Rashi and other commentators. For lower intermediate students.

1305, 1306 The Book of Exodus 3 credits
Same as 1303, 1304 for intermediate students.

1307, 1308 The Book of Exodus 3 credits
Same as 1303, 1304 for upper intermediate students.

1309, 1310 The Book of Exodus 3 credits
Intensive study using classical and modern commentaries. For advanced students.

1311; 1312; 1313; 1314 Topics in Exodus 3 credits

1405, 1406 The Book of Leviticus 3 credits
For intermediate students.

1407, 1408 The Book of Leviticus 3 credits
Same as 1405, 1406 for upper intermediate students.

1409, 1410 The Book of Leviticus 3 credits
Intensive study using classical and modern commentaries. For advanced students.

1411; 1412 Topics in Leviticus 3 credits

1503, 1504 Book of Numbers 3 credits
Translation and exposition of the text in accordance with standard commentaries; selected passages from Rashi and other commentators. For lower intermediate students.

1505, 1506 The Book of Numbers 3 credits
Translation and exposition of the text in accordance with standard commentaries; selected passages from Rashi and other commentators. For intermediate students.

1507, 1508 The Book of Numbers 3 credits
Same as 1505, 1506 for upper intermediate students.



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2505, 2506 Topics in Isaiah 3 credits

2555, 2556 Jeremiah 3 credits

2605, 2606 Ezekiel 3 credits

2653 Minor Prophets 3 credits

2658 Seven Minor Prophets 3 credits

2805, 2806 Haggai, Zechariah, Malachi 3 credits

3205, 3206 Psalms 3 credits
For lower intermediate students.

3207, 3208 Psalms 3 credits
For upper intermediate students.

3209, 3210 Psalms 3 credits
For advanced students.

3257, 3258 Proverbs 3 credits

3307, 3308 Job 3 credits

3403, 3404 Five Megillot 3 credits
For intermediate students.

3407, 3408 Five Megillot 3 credits
For upper intermediate students.

3409, 3410 Five Megillot 3 credits
For advanced students.

3415, 3416 Song of Songs 3 credits

3450 Ruth 3 credits

3510 Lamentations 3 credits

3659, 3660 Ecclesiastes 3 credits

3707, 3710 Esther 3 credits
Intermediate-Advanced levels.

3711, 3712 Selected Megillot 3 credits



3807 Daniel 3 credits

3857 Ezra-Nehemiah 3 credits

3909 Chronicles 3 credits

4002; 4003 Biblical Narrative 3 credits

Narrative forms in prose and historical books; readings in biblical narratives, especially of the Pentateuch, with accompanying medieval and modern commentaries.

4021; 4022 Biblical Poetry 3 credits

Poetic portions of the Bible, with emphasis on the literary qualities of these passages and the commentaries of the major exegetes.

4901, 4902 Independent Study

See Academic Information and Policies section

4980-4989 Selected Topics in Bible

BIOLOGY (BIOL)

MAJOR: Stem College for Women

The Biology major offers three tracks: the General track; the Molecular and Cellular track; and the Neuroscience track. All three tracks require BIOL 1011C, 1012C (lecture and laboratory); CHEM 1045C, 1046C (lecture and laboratory); two courses chosen from MATH 1410 or 1412, MATH 1413, STAT 1021, and COMP 1001C or 1300C.

Organic Chemistry, Biochemistry/Medical Biochemistry, and Physics are strongly recommended.

The additional specific requirements for each track follow:

General Track: 20-22 BIOL credits: 3207C, 3513C plus two additional 4 credit lecture/laboratory courses and either an additional 4 credit lecture/laboratory course, or two lecture-only courses. Biochemistry may count toward the required biology credits.

Molecular and Cellular Track: 24 BIOL credits including four 4 credit lecture/lab courses with the following distribution: 3207C, 3513C, 3521C. The remaining 12 credits may be selected from 2601, 3230C, 3230R, 3241, 3730, 3750, 4023C and CHEM 1376R-L.

Neuroscience Track: 15-16 BIOL credits and 19 PSYC credits: BIOL 3830R, plus 12 d MOLLIC lect



3221 Nutrition 3 credits

Clinical nutrition, directed to common medical disorders, relevant physiology, nutritional implications, and therapy. Nutrition in gastrointestinal disorders, diabetes, cancer, and AIDS are discussed. Prerequisite: a community college course in nutrition.

This course does not count toward the Biology major.

3230C Immunology 4 credits

Basic principles of immunology, cells, and humoral and cellular immunology. Emphasis on the development, functions and interplay of the various immune cells in health and disease, with particular attention to transplantation, vaccination, allergy, and autoimmunity.

(Lecture: 3 hours; lab: 3 hours) Laboratory fee.

Prerequisites: BIOL 1012p



fertilization, breastfeeding breast and ovarian disorders, infertility, assisted reproductive techniques (e.g. in vitro fertilization).



MADE: HD& d aicore,
See Information and Decision Sciences

BUSINESS LAW (BLW)

BLW2021 Ethical & Legal Environment in Business 3 Credits
Substantive law and practical issues as they relate to business; theories of jurisprudence; business ethics and Halakha as they interface with the law and practical business decisions; the legal process; federal and state court systems; alternative dispute resolution; constitutional law; administrative agencies; criminal law and procedure; torts; products liability; contracts.

BLW2011 Business Law I 3 Credits
Introduction to the legal process; jurisprudence; federal and state court systems; litigation and alternative dispute resolution; constitutional law; administrative law; criminal law and procedure; torts; contracts; agency formation, operation, and termination; types of business organizations, including sole proprietorship, joint venture, franchise, business trust, cooperative, general partnership, limited partnership, limited liability partnership (LLP), and limited liability company (LLC). ical iss BLWri 11 Business Itri



1010C Essentials of General Chemistry 4 credits

Introduces students to the essential theories and principles of general chemistry and their application to modern society. Topics include chemical reactions, atomic and molecular structure, stoichiometry, bonding, the periodic table, acid base theory, equilibrium, properties of gases, liquids and solids, and kinetics. The lecture course emphasizes problem solving techniques while the laboratory portion introduces students to the methods of scientific investigation and basic laboratory techniques. (lecture: 3 hours; lab: 2 hours) Laboratory fee.

1045C, 1046C General Chemistry 4 credits

Lecture and laboratory course for students going into the biological, chemical, health, or physical sciences. Atomic structure and stoichiometry; properties of gases, liquids, and solids; thermochemistry; quantum theory; electronic structures of atoms and molecules; chemical bonding; properties of solutions; thermodynamics; chemical equilibria including acid base and solubility; kinetics; electrochemistry and chemical thermodynamics. Laboratory fee.



(Lab 4 hours) Laboratory fee

Prerequisite: CHEM1213R with a grade of C- or higher:

1376R Biochemistry—Lecture 3 credits

Structure and function of biomolecules; kinetics and mechanism of enzymes; bioenergetics and metabolism; membrane structure and dynamics; signal transduction

Prerequisite: CHEM1213R with a grade of C- or higher: or permission of the instructor:

Corequisite or Prerequisite: CHEM1215L

1377L Biochemistry Lab 2 credits

Laboratory experiments are designed to illustrate methods of purification, separation, and characterization of proteins; acid base titration of amino acids; biomembranes; enzyme kinetics; molecular modeling, computational chemistry, and bioinformatics of biologically relevant molecules.

Prerequisite: CHEM1376R or Co-requisite: CHEM1376R with permission of instructor.

1415R Physical Chemistry—Lecture 3 credits

Thermodynamics, chemical equilibrium, solutions, electrochemistry. Applications to biological and biochemical problems are used to illustrate general principles.





Prerequisite: COMP 1300C.

2314C Applied Linux Programming and Scripting 4 credits

Introduces Linux, with a focus on the operating system features that are accessible from the command line and programming or scripting languages such as Python or Awk. Topics will include software development in a Linux environment, pipes, redirection, process management, and shell programming (lecture: 3 hours; lab: 2 hours)

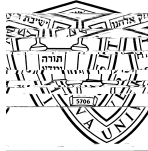
Prerequisite: COMP 1300C.

2545 Algorithms 3 credits

Algorithms complexity and intractability. Combinatorial algorithms (permutations,



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The fundamentals of economic analysis with applications. Microeconomic supply and demand analysis; macroeconomics topics including money, finance, and long term growth

1101 Microeconomic Theory 3 credits

Application of indifference curve analysis to private decision making and public policy



History of the American economy—major trends, institutional developments, and public policies that address key problems in U.S. economic history. Topics include the Colonial era, the Early National era, the Reunification era, the world wars and Great Depression, and the post World War II era

1421 Econometrics 3 credits

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 forms issues, dummy variables, and distribution lag models. Covers problems associated with autocorrelation, system models.

Prerequisites: ECON 1010 or 1101 or 1201, STAT 1021.

1501 Public Finance 3 credits

Role of government in the economy; review of microeconomics; public



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NYSTCE (New York State Teacher Certification Examinations) exams at the level





Exploitation of theoretical models and empirical studies related to the sequential development of language acquisition and literacy. Instructional strategies and classroom environments facilitating success in listening, speaking, reading, and writing. The role of literature in the development of literacy. Formal and informal assessments of learning.



Institute and/or Yeshiva University Museum included Required for Early Childhood Elective for Elementary

2895 Introduction to Museum Education 3 credits

An elective course for the Education major designed to introduce students to the field of museum education. Held at the YU museum, the seminar exposes students to the role of the museum educator; experiential learning practices, and instructional design in alternative contexts.

2980 Senior Seminar in Elementary Education 3 credits

The senior seminar course is the companion course to the full time elementary education student teaching practicum EDUC 2940. Students will have the opportunity to reflect, discuss, analyze and evaluate their immersive student teaching experiences across two placements. Students will receive direction on preparing for certification exams including edIPA, career guidance, and professional feedback from supervisors.
Corequisite: EDUC 2940

2985 Senior Seminar in Early Childhood Education 3 credits

The senior seminar course is the companion course to the full time early childhood education student teacher practicum EDUC 2945. Students will have the opportunity to reflect discuss analyze and evaluate their immersive student teaching experiences across two placements. Students will receive direction on preparing for certification exams including edIPA, career guidance, and professional feedback from supervisors.
Corequisite: EDUC 2945



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Journalism English 1501, 1502, or Advertising English 1600, 1610, or Public Relations: English 1650, 1651 totaling 6 credits; four (4) elective courses in Media Studies totaling 12 credits. A one-credit internship experience is required for media studies majors.

NOTE: ENGL 1100 or 1200 is a prerequisite for all ENGL courses.

Details regarding the distribution of courses for each concentration/track above are available on the Department website and the Department Major Fact Sheet.

MINOR: 18 credits. ENGL 2000 plus five (5) additional ENGL courses chosen from Media Studies, Literature and/or Creative Writing

INTRODUCTORY COURSES

1010 Essentials of Writing 3 credits
Introduction to basic writing skills.

1100 Composition and Rhetoric 3 credits
Introduction to academic argument and the thesis/claim/evidence form of essay writing including thesis development, writing process and revision, analytical and research methods.

1200H Freshman Honors Seminar 3 credits
Introduction to academic argument and the thesis/claim/evidence form of essay writing including thesis development, writing process and revision, analytical and research methods. This course is open only to Distinguished Scholars, who substitute it for Composition and Rhetoric. Three hours of lecture plus conferences.

1300 Advanced Writing Skills 3 credits
Course will reinforce the basic principles and practices of the academic essay presented in Composition and Rhetoric by introducing students to the variety of forms of academic argument, analysis and exposition.

1500 Media Studies 3 credits
This course defines "media" broadly as including oral, print, photographic, broadcast, cinematic, and digital cultural forms and practices. The course looks at the nature of communication, the transformation from consumers into producers, the functions of media, and the institutions that help define media's place in society.

1501 News Writing 0 sch



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3733 The Development of the British Novel III 3 credits

Treats twentieth century experiments in fiction. Authors may include Conrad, Joyce, Lawrence, Woolf, Lessing, Byatt, Coetzee, and Rushdie.

3792 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.

3920/21 Topics in Literature: Advanced Level 3 credits

May be repeated, since the subject matter varies from term to term.

3922/23 Major Authors 3 credits

Works by a maximum of four major authors, usually English, American, or both. This course may be repeated; subject matter varies.

4002 Communications/Media Exit Project 1 credit

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 1



FN 2828 Behavioral Economics (Same as MAN 2828 and MAR 2828)

This course is an introduction to behavioral economics and its applications. The course will focus on the statistical analysis of experimental data using non parametric techniques (no previous statistics coursework required), and the application of experimental methods to identify behavioral regularities related to risk preferences, the endowment effect, overconfidence, framing, probabilistic assessment and other areas of decision making. Students are required to complete a final experimental design project, which will include motivating theory, novel research hypotheses, proposed analytics, and implementation details.

FN 3510 Futures and Options 3 Credits

Comprehensive overview of options and futures and other derivative assets. The market microstructure for derivatives and its evolution, trading applications, exchange operations. Trading mechanics, hedging and speculation, price forecasting, testing and optimizing trading systems, performance spreading and option pricing theory. Students implement futures pricing, hedging and valuation using simulation and real time, Web based database resources.

Prerequisite: (FN 1408 or 2505) required; IDS 1456 recommended

FN 3604 International Finance and Accounting 3 Credits (Same as ACC 3604)

Analysis of special topics in international finance, including international capital flows, international accounting, theories of foreign exchange rate determinations, Eurocurrency and Eurobond markets, and integration of multinational markets.

Prerequisite: ACC 1002, FN 1001.

FN 3720 Fixed Income Securities 3 Credits

Fixed income markets are much more important than equity markets. This course presents basic, non complex, principles of pricing models for fixed income securities as well as public policy issues related to fixed income markets. Securities covered include government securities, municipal debt, corporate and junk bonds as well as some derivatives, mortgage backed and asset backed securities. The impact of the recent crisis on fixed income markets is analyzed.

Prerequisite: FN 1001.

FN 3851 Financial Statement Analysis 3 Credits (Same as ACC 3851)

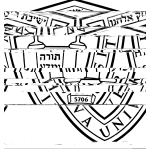
Methods of communicating information about financing and operating activities of corporations, and techniques for analyzing and evaluating information.

Prerequisite: ACC 1002, FN 1001.

FRENCH (FREN)

1101- 1102 Elementary French 3 credits.

Essentials of oral expression, listening comprehension, and basic reading and writing skills. 1101 is for students with no background. 1102 is for students with less than two years of high school French.



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Examines works by some of the major figures of the eighteenth century Enlightenment, such as Voltaire, Diderot, Rousseau, Hume and Kant. Considers the institutional settings in which Enlightenment ideas took shape, the media through which they were disseminated, and the public debates that they provoked.

2128 Origins of Democratic Political Culture 3 credits

Examines the emergence of a democratic political culture in the late eighteenth century, focusing on the three great revolutions of the Atlantic world: the revolt of the American colonies against the British monarchy, the French Revolution, and the Haitian slave rebellion. Emphasis is placed on the contrasts between modern and ancient forms of democratic political life.

2141 The Holocaust 3 credits (Same as JHS 1485)

Fate of European Jewry between 1933 and 1945. Topics include the rise of the Jewish question in 19th Century Europe; World War I and its consequences; causes of the Weimar Republic's collapse; Nazi seizure of power; Nazi Jewish policies; ghettoization in Nazi Europe; conception and implementation of the Nazi Final Solution; life in the ghettos; the Judenrat; and Jewish resistance.

2144 Polish Jewish Relations in Modern Times 3 credits (Same as JHS 1454)

Polish Jewish relations in the period 1764 to the present; viewed within the larger context of the disappearance of Poland from the political map of Europe in the late 18th century, the persistence of Polish statelessness throughout 19th century, and the influence of this development on the lack of Jewish social integration into Polish society. Second part of the course examines the thriving Jewish cultural and spiritual life in the independent Polish state, the Holocaust, post World War II relations, and the current renewal of Jewish life in Poland.

2149 Topics in European History 3 credits

Topics may vary by semester.

2151 Nationalism in Modern European History 3 credits

Rise and spread of national movements in 19th century Europe. Emphasis on the transition from liberal nationalism in the first half of the 19th century to ethnolinguistic nationalism in the final decades prior to World War I.

2154 History of Modern Russia 3 credits

History of Russia from the era of Peter the Great to the death of Stalin after World War II.

2157 Modern Poland: From Subjugation to Independence, 1772-1989 3 credits

History of Poland from the loss of sovereignty at the close of the 18th century to the East European revolutions of 1989. Topics include 19th century attempts to regain independence; the Polish question during World War I; independent Poland between the two world wars; destruction of Poland in World War II; Communist Poland after World War II; and the return to freedom in the tumultuous year of 1989.



2165 Europe Since 1945 3 credits



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2601 Legal History 3 credits

Law is the matrix through which society operates, from the earliest city-states to the nations of today. This course examines in broad terms the development of legal



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little prior exposure to modeling and quantitative analysis, but it is appropriate for all students who wish to strengthen their spreadsheet and quantitative skills. The emphasis is on models that are widely used in diverse industries and functional areas, including finance, operations, and marketing.

Prerequisites: FIN 1001, IDS 1020, IDS 1131, MAR 1001.

IDS 2250 Design & Development of Web Based Systems 3 Credits

It is imperative for practically all types of businesses today to incorporate a digital strategy into their line of business. To that end it is important for even non-technical decision makers to be familiar with the various issues that go into creating and maintaining a digital presence. The course covers a survey of different approaches and components that go into building and maintaining modern websites. The aim of this course is not to make students into software developers but rather to introduce students to the various topics and components that relate to web development so that they can be intelligent and informed about these topics when interacting with more technical members of the team. Students will learn and practice the skills needed to create their own rudimentary but functional websites.

Corequisite: IDS 1020

IDS 2255 E-Commerce 3 Credits (Same as MAR 2255)

This course provides an understanding of e-commerce and its impact on firms, industries and markets. In a few short years, the Web has already had a large impact on how we shop, read, conduct business, learn, and consume information like music and art. The fundamental architecture u S 2255 E o a l l h s k i p a l t a s i c s w i k o



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their customers and potential customers. It discovers information within the data that queries and reports can effectively reveal. This course explains what data mining is, how it can be used, and how it can help a company leapfrog its competition. Internet based. tc° time a enssee la'o sngitba is Q inga aataraii i



two of the following areas: Bible, Hebrew, Jewish history, Jewish philosophy, Judaic studies. No courses may be outside the area or areas of concentration

JEWISH HISTORY (JHS)

MAJOR: Stern College for Women

Jewish studies majors may concentrate in Jewish history. See the description of the Jewish studies major:

1001; 1002 Survey of Jewish History 3 credits

Political, social, economic, and cultural currents in the history of the Jews from the



Jewish settlement in Italy and Franco Germany; Rashi and the Tosafists; law and society; the Crusades and the origins of medieval anti-Semitism; Christian Spain—disputations, conversions, and Expulsion; the Jews in the Renaissance.

1323 Origins of European Jewry 3 credits



1415; 1416 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).

1452 The Jews in Eastern Europe II 3 credits

History of the Jewish people in Eastern Europe since 1795

1471; 1472 Jews in the Modern Arab World 3 credits

Communal, economic, and cultural history of the Jews in Moslem lands in modern times. Prerequisite: JHS 1002

1485 The Holocaust 3 credits (same as HST 214)

Fate of European Jewry between 1933 and 1945. Topics include the rise of the Jewish question in 19th century Europe; World War I and its consequences; causes of the Weimar Republic's collapse; Nazi seizure of power; Nazi Jewish policies; ghettoization in Nazi Europe; conception and implementation of the Nazi Final Solution; life in the ghettos; the Judenrat; and Jewish resistance. Under the Eli and Diana Zborowski Professorial Chair in Interdisciplinary Holocaust Studies.

1486 Holocaust and Rescue 3 credits

The nature of Nazi anti-Semitism; the evolution of the Holocaust to the mass murder of Europe's Jews; Jewish responses and the various rescue attempts, including non-Jews who risked their lives to save Jews.

1501; 1505 History of Palestine 3 credits (same as HST 2303)

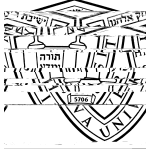
History of modern Jewish settlement in Palestine under the Ottoman rule and the British Mandate, until the establishment of the state in 1948. Topics include: encounters and relations of the yishuv with Palestinian Arabs and the ruling powers; the social, economic and ideological factors that shaped the institutions and the national aspirations of the yishuv and of the Palestinian community.

1511; 1512 Modern Israel 3 credits (same as HST 2304)

Survey of Israeli society, culture and politics from 1948 to the present. Topics: Israel and the Palestinian national movement; global political factors that shaped the Israeli-Palestinian conflict; the social, cultural, and political divisions of Israeli society, and the challenges facing Israel in the twenty-first century.

1575; 1576 American Jewish History 3 credits

The Jewish community in the United States: its development from earliest times; immigration and settlement; social, economic, and communal development; contribution to



American civilization, the modern and contemporary scene. American Jews and the Holocaust, State of Israel, civil rights movement, Russian Jewry, inter-city tensions.

1577 Jewish Religion in America 2 3 credits

1808 Historiography 3 credits

Seminar on the great Jewish historians; their philosophy, method, and works from ancient times to the present.

1811 Messianic Movements in Judaism 3 credits

History of various Messianic movements among the Jewish people from the 1st to the 19th centuries.

1829, 1830, 1831; 1832, 1833, 1834 Jewish Intellectual History 3 credits



The problem and definition of evil as understood in Talmudic literature and medieval and modern Jewish philosophy.

1224 Theories of Prophecy 3 credits

Survey of medieval Jewish sources on the nature and scope of prophecy.

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

1611-1614 Medieval Jewish Philosophy 3 credits





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

1403 Basic Jewish Concepts: Jewish Life Cycle 2-3 credits
For lower/intermediate level students.

1404 Basic Jewish Concepts: Shabbat 2-3 credits
Philosophy of Shabbat for lower/intermediate level students.

1405 Basic Jewish Concepts: Jewish Law 2-3 credits
Introduction to Jewish Oral Law for lower/intermediate level students.

1406 Basic Jewish Concepts: Jewish Holidays 2-3 credits
Rosh haShanah, Yom haKippurim, Sukkot for lower/intermediate level students.

1407 Basic Jewish Concepts: Prayer 2-3 credits
Philosophy of Prayer for lower/intermediate level students.

1410-1420 Women and Jewish Law 2-3 credits

1424 3 credits
Visiting the sick and mourning

1431 3 credits
Kashrut—for elementary level students.

1433 3 credits
Kashrut—for intermediate level students.

1435-1438 3 credits
Kashrut—for advanced students.

1439 3 credits
Home and family—for elementary level students.

1440 3 credits
Home and family—for intermediate level students.

1442-3 credits
Home and family I (Hilhot Niddah); Jewish family purity sources—for intermediate level students. Home and family II (Hilhot Niddah); Jewish family purity sources—for advanced students. Home and family III (Hilhot Niddah); Jewish family purity sources—for advanced students.



Home and Family II (Hilhot Niddah II); Jewish family purity sources—for upper intermediate-advanced students.

145 148 24 credits

Women in Jewish Law—for Upper Intermediate-Advanced level students.

149 145 03 credits

Marriage: issues and laws relating to dating and marriage; divorce—for advanced





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MNOR: Sy Syms School of Business

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

MNOR: For Stem College Students

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

MAN 1020 Managing in the Global Environment 3 Credits

This course focuses on the development of the skills and knowledge required for successful managerial performance in today's global environment. With an emphasis on self-assessment and application, this course provides an in-depth examination and practice of the core managerial competencies. Topics covered include problem solving, communication, empowerment and motivation, managing conflict, power and influence, and performance improvement. A major learning objective is to recognize the relationship between integrated functional business operations and competitive success factors as well as monitoring measurements of organizational performance. Effective managers of the 21st century must understand a wide range of technical and social interrelationships to be successful in the global marketplace. Students will gain analytical and behavioral tools that will equip them to work in complex global work environments.

MAN 2110 Organizational Behavior 3 Credits

This course is directed toward the attainment of three interdependent objectives: 1) to develop an understanding of organization effectiveness as a key element of strategy implementation in complex organizations, 2) to understand how organizational planning, design, control, and human resource decisions are interdependent and critical to building and sustaining successful organizations, and 3) to develop a sensitivity to the 'realities' of organizations in 'real-world' situations. These include how decisions affect individuals in organizations and their consequent commitment to implementation efforts.

Prerequisite: MAN 1020

MAN 2370 Human Resources 3 Credits

Exploration of human resources management as a facilitator of the effective use of personnel to achieve corporate objectives. Covers the link between human resources management and 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

MAN 2510 Turnaround Business Strategy 3 Credits

A turnaround situation refers to those companies whose financial performance indicates that the company will fail in the foreseeable future unless short-term corrective action is taken. A s t care







explored and their application and usability in business are examined. The course discusses the process of developing a marketing plan using social media and also presents measurement techniques for the effectiveness of social media and their ROI using a number of metrics.

Prerequisite: MAR 100L.

MAN 3323 Creative Advertising 3 Credits (Same as MAR 3323)

Explores the relationships between advertising, conceptual thinking, writing, teamwork and design. It utilizes all media including television, print, radio, posters, viral, digital, guerilla and ambient. Focuses on generating engaging and effective communication and provides a glimpse into a career in advertising and its associated areas.

Prerequisites: MAR 100L, MAR 3313

MAN 3500 Fashion Fundamentals 3 Credits (Same as MAR 3500)

Introduces the terminology and principles necessary to be successful in the fashion business through a dynamic lecture and workshop based format. Students study fashion classifications, garment detail and construction, sources of fashion information, and the modern history of fashion. Students will learn the scope and global nature of the fashion business through the use of industry research, case studies and hands-on projects.

MAN 3501 Israeli Business Environment 3 Credits

Introduction to high tech, venture capital in Israel; overview of the Israeli economy; its accounting, business and tax laws, entrepreneurial environment, cultural issues; investing in Israeli start-ups; leading corporations in Israel; job market in Israel.

Prerequisites: MAN 1020, MAR 100L.

MAN 3502 Creative and Innovative Product Development 3 Credits (Same as MAR 3502)

A key element of successful business enterprise is good design. In the world of fashion, Coco Chanel revolutionized the industry with her innovative design elements. Apple has become one of the world's most admired companies because its corporate executives place a premium on beauty and functionality of product design. This course provides an understanding of the product design process and its importance in the business world. Students will learn how to develop the ability to think more creatively about marketplace challenges. This course is targeted to students who want to discover and improve upon their innovative and creative skills in the business environment.

Prerequisites: MAR 100L, MAN (NON NUMBERED) MAR 33504

MAN 3504 Systematic Inventive Thinking 3 Credits (Same as MAR 3504)

In this course students will learn how to be innovative in the way they approach business problems and challenges. This course will concentrate on a method that helps companies develop a culture and practice of firm innovation.

Mfi cor° d



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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
Prerequisites: MAN 1020, MAR 1001.



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MNOR: For Sy Syms School of Business students
Any three upper level marketing courses (beyond MAR 1001).

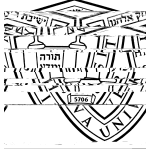
MNOR: For Stem College Students
MAR 1001, 2501, 3318, two additional marketing courses and one business core course.

MAR 1001 Principles of Marketing 3 Credits
An introduction to the basic concepts of market definition, consumer behavior, and the principal marketing functions: product line development, pricing, distribution, promotion, sales-force management, advertising, research, and planning. Cases and examples are utilized to develop problem-solving abilities and provide students with a glimpse into the Marketing world.
Prerequisite: IDS 1001.

MAR 2501 Buyer Behavior 3 Credits
Presents a comprehensive, systematic, and practical conceptual framework for understanding people as consumers—the basic subject matter of all marketing. It draws on the social sciences to evaluate the influence of both individual and ecological factors on market actions. Students discuss relevant psychological and sociological theories and study how they can be used to predict consumers' reactions to strategic marketing decisions. Cases and examples are utilized to enhance the understanding of consumers as social beings in the market place.
Prerequisite: MAR 1001.

MAR 2550 Business Intelligence and Consumers Insights 3 Credits (Same as IDS/MAN 2550)
Data mining is a powerful new technology with great potential to help companies focus on the most important information in the data they have collected about the behavior of their customers and potential customers. It discovers information within the data that queries and reports can't effectively reveal. This course explains what data mining is, how it can be used, and how it can help a company leapfrog its competition. Internet based applications such as social media, website usage, tracking and online reviews as well as a firm's own activities and business processes, are discussed as potential sources of data.
Prerequisite: IDS 1020, IDS 1131, IDS 2080, MAR 1001

MAR 2255 E-Commerce 3 Credits (Same as IDS 2255)
This course provides an understanding of e-commerce and its impact on firms, industries and markets. In a few short years, the Web has already had a large impact on how we shop, read, conduct business, learn, and consume information like music and art. The fundamental architecture of information processing within the firm is changing as new Internet technologies appear. Internet technologies are also having a broad impact on the management of firms. How well firms are able to master these new technologies and business models is having an important impact on their overall success. This course describes the technologies used in electronic commerce;



discusses the resulting changes in organization structure, industry, and societal behavior and seeks to understand the forces that bring about these changes.

Prerequisites: IDS 1020, MAN 1020, MAR 1001.

MAR 2621 Applied Research 3 Credits (Same as MAN 2621)

Provides students with both research and managerial perspectives in the development and application of marketing research tools and procedures. It describes the development of research designs from problem formulation to analysis and submission of the research report. It also covers the analysis of techniques in marketing research, such as focus groups, experimental design, surveys, sampling, statistical analysis, and reporting. Cases are utilized in the development of methods and in specific areas of application. SPSS or an equivalent statistical software is used.

Prerequisites: IDS 1131, MAN 1020, MAR 1001.





Prerequisite: MAR 100L.

MAR 3323 Creative Advertising 3 Credits (Same as MAN 3323)

Explores the relationships between advertising, conceptual thinking, writing, teamwork, and design. It utilizes all media including television, print, radio, posters, viral, digital, guerilla and ambient. Focuses on generating engaging and effective communication and provides a glimpse into a career in advertising and its associated areas.

Prerequisites: MAR 100L.

MAR 3324 Advanced Advertising Copywriting 3 Credits (Same as ENGL 1610)

MAR 3500 Fashion Fundamentals 3 Credits (Same as MAN 3500)

Introduces the terminology and principles necessary to be successful in the fashion business through a dynamic lecture and workshop based format. Students study fashion classifications, garment detail and construction, sources of fashion information, and the modern history of fashion. Students will learn the scope and global nature of the fashion



applicable and related influences such as design, merchandising, marketing and branding in the fashion accessory business

MAR 3720 Marketing Capstone 3 Credits

The course is designed to develop a student's ability to apply marketing skills to practical business situations through a marketing simulation, case analyses, and discussion





**Foundations of History, Philosophy and Social Science: PSYC 1010, SOCI 1001;
Interpreting Literature and the Arts: 9 credits;
Contemporary US and Global Perspectives: 6 credits;
Science and Technology: BIOL 1011C, 1012C;
Quantitative Skills: STAT 1021;
12 credits of electives including PSYC 2414**

**Jewish Studies Requirements:
Four semesters of Coe (a unit of three courses in Jewish studies at Stern College for Women, comprising 89 hours of class time per week) plus 14 additional Jewish Studies credits. Courses are chosen from among Bible, Hebrew language, Jewish philosophy, Jewish history, and Judaic studies.**

Major Requirements

Students meet with an Academic Advisor to discuss a "Shaped Major" that includes courses in biology, anatomy, physiology, and psychology. Additional details are on the "Combined Program in Occupational Therapy Fact Sheet" available online and in the Office of Academic Advisement.

PHILOSOPHY (PHIL)

**MAJOR: Stern College for Women
Thirty c b J**



Concepts of sense perception, memory, knowledge, and belief; principle of verifiability and problems of induction

1400 Philosophy of Science 3 credits

Fundamental conceptions of the empirical and mathematical sciences, such as explanation, law theory, space, determinism, and reduction

1425 Philosophy and New Technologies 3 credits

Philosophical issues—among them, ethics, property rights, and personal identity—raised by biological advances such as cloning, stem cell research, and IVF; digitization of media; and the possibility of uploading memories and extending human capabilities.

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; time; and the philosophical concept of God

1600 Ethics 3 credits

The problems of relativism and subjectivism; utilitarian versus deontological approaches to moral concepts; contemporary moral dilemmas.

1710 Religion and Philosophy 3 credits

Examination of differing conceptions of the role of reason in the religious life and of major philosophic arguments that focus on religious beliefs.

2170 Ancient and Medieval Philosophy. 3 credits



options for approaching ostensible conflicts between science and religion; questions about divine activity, miracles, and related topics; the impact of contemporary science on arguments for religious belief

3100 Theories of Justice 3 credits

Examines the concept of justice and its relation to government from ancient to contemporary times. Principal thinkers discussed are Plato, Aristotle, Hobbes, Locke, Hume, Rawls, and Nozick

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 POLI 2405

3300 Just and Unjust Wars 3 credits

Examination of the criteria for justly initiating war and the limits that must be observed during the fighting through a close reading of Grotius, Walzer, and the Geneva Conventions.

3402 Philosophy of Law 3 credits

The nature and scope of law; arguments for obeying law, civil disobedience, law and morality; constitutional interpretation; and the justification of particular legal practices, such as punishment and paternalism

3500 Medical Ethics 3 credits

Discussion of ten of the main issues in the chronological order in which they appeared in the public arena, including experiments on humans by Nazi doctors, allocation of scarce resources in dialysis, paternalism and patient autonomy, brain death, AIDS and the duty to treat, genetic testing and cloning

3620 Environmental Ethics 3 credits

This course analyzes the ethical bases for the preservation and conservation of non-human and even non-living things (like the Everglades) – not just for human benefit, but also for their inherent value. We will use these philosophical tools to help make sense of global warming, pollution, animal rights etc.

4925, 4926, 4927, 4928, 4929, 4930 Selected Topics 3 credits

Special topics, issues, and movements in philosophy.

Prerequisites: one semester of PHIL and permission of the instructor.

4981, 4982 Seminar 3 credits

Intensive analysis of a philosopher; a philosophic concept, or a set of issues.



PHYSICS (PHS)

MAJOR: Stem College for Women

50-51 credits. PHS 1051C, 1052C, 2051, 2052, 1221, 1321, 1340, 1510, 1621; MATH 1412, 1413, 1510, 2105; and one elective from PHS 1222, 1322, 1401, 1810 and one elective from COMP 1300C, MATH 2651, PHS 1140

***MATH 1413 and 2105 may count toward the General Education "Elective" category. MATH 2601 is highly recommended, but not required**

MINOR: Stem College for Women

17 credits. PHS 1051C, 1052C, 2051, 2052, and one elective from PHS 1140, 1221, 1321, 1340, 1510, 1810



Transmission and Reflection at a Barrier; Tunneling Potential Wells; Harmonic Oscillator; Free Particle. Schrodinger's Equation in Three Dimensions; Hydrogen Atom Angular Momentum and Spin Perturbation Theory. Introduction to Quantum Information
Prerequisites: PHS 1221, MATH2105 or permission of instructor.

1810 Intermediate Experimental Physics 3 credits

Nonlinear oscillations, diffraction of waves, interferometry, measurement of electron charge/mass ratio, RC filters, propagation of electromagnetic waves. (lecture: 1 hour; lab: 3 hours).

Prerequisite: PHS 1052C.

2051 Intermediate Physics I 3 credits

This course examines wave phenomena with an emphasis on light and offers an introduction to thermal physics. Topics covered include mechanical waves, sound, light as an electromagnetic wave, geometrical optics, interference, diffraction, temperature, heat and the laws of thermodynamics.

Prerequisites: PHS 1052C, MATH1413 **Corequisite:** MATH1510

2052 Intermediate Physics II 3 credits

This course introduces the main ideas of modern physics as they were historically developed during the great revolution that took place in Physics between 1880 and 1930 which shaped our current ideas in relativity, quantum mechanics and statistical physics. It presents in a historical context how those ideas were generated, which were the great experiments that led to their development, and the theoretical underpinnings on which they rest.

Prerequisite: PHS 2051.

4901, 4902 Independent Study

See Academic Information and Policies section

4981-4985 Topics in Physics (1-3 credits)

POLITICAL SCIENCE (POL)

MAJOR: Stern College for Women

Thirty-three credits. Three courses chosen from POLI 1101, 1201, 1301, 1401, 1501 (9 credits); plus one course from each of the four subfields listed below (12 credits). The remaining four courses may be taken in any subfield (12 credits).

MNOR: Stern College for Women

Eighteen credits. Two courses chosen from POLI 1101, 1201, 1301, 1401, 1501 (6 credits); at least one elective course in three of the four subfields (9 credits); remaining course may be taken in any subfield (3 credits).

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; 4xxx are in political theory; and 5xxx 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 4xxx level courses are independent reading or research projects.

American Politics

1101 Introduction to American Politics

1105 Issues in American Public Policy

2100 The American Presidency

2105 Congress and the Legislative Process

2110 Public Administration and Bureaucratic Politics

2115 State and Urban Politics

2120 National Int'l Affairs

110 political papers ; and 1pr len



2260 Democratization

2265 Religion and Politics in Comparative Perspective

2290 through 2299 Topics in Comparative Politics

3205 Seminar: Welfare States in Comparative Perspective

3210 Seminar: Resilience of Authoritarianism in the Middle East

3225 Seminar: Nation and State Building in the Post-Cold War Era

3230 Seminar: European Politics

3275 Seminar: Comparative Politics

4200 Independent Study in Comparative Politics

International Relations

1301 Introduction to International Relations

1305 American Foreign Policy

2310 European Foreign Policy: Trends and Issues

2315 International Law and Organization

2320 Money and Power in International Politics

2325 Intelligence and National Security

2330 Terrorism and Low Intensity Conflict

2335 Civil Wars and Intra-State Conflict

2340 International Relations of the Middle East

2390 through 2399 Topics in International Relations

3300 Seminar: International Security

3305 Seminar: Statecraft Analysis

3310 Seminar: Globalization

3315 Seminar: Humanitarian Intervention

3375 Seminar: International Relations

4300 Independent Study in International Relations

Political Theory

1401 Great Political Thinkers: Introduction to Political Theory

2405 Classical Political Theory

2410 Modern Political Theory

2415 Contemporary Political Theory

2430 American Political Thought

2435 Contemporary Political Ideologies

2490 through 2499 Topics in Political Theory

3475 Seminar: Political Theory

4400 Independent Study in Political Theory

1101 Introduction to American Politics 3 credits

Overview of the formal institutions and functions of the national government (Congress, presidency, courts); their interactions with state and local governments, and with informal institutions of political power (political parties, interest groups, social movements, public opinion, media).

1201 Introduction to Comparative Politics 3 credits





2120 National Institutions 3 credits

In depth examination of the executive, legislature, and judiciary; their development over time; their interactions with each other.

2125 Political Parties and Interest Groups 3 credits

History, evolution, and function of political parties; role of interest groups in national politics and policymaking; relationship between parties and pressure groups, and their separate and joint influence.



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Analysis of how gender shapes the social, economic, and political possibilities for women. Various topics addressed such as education, employment discrimination, violence against women, welfare, reproduction and other current political debates.

2170 Media and Politics 3 credits

Role of the "fourth estate" in American politics and policymaking with special focus on the media.



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Relationship between intelligence and national security policy making with particular focus on the United States.

2330 Terrorism and High Intensity Conflict 3 credits taken place within states rather than between them
Investigates the two distinct but related phenomena of terrorism and guerrilla warfare.

2335 Civil Wars and Intra-State Conflict 3 credits
Since 1945, the vast majority of wars have taken place within states rather than between them. Examine the causes of these wars as well as their international implications.

2340 International Relations of the Middle East 3 credits
Factors that help us better understand and analyze the intra-state relations of the Middle East and North Africa, including impact of colonialism, the Arab Spring, and the Israeli-Palestinian conflict.



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 religion, slavery, ethnicity, and racism; antidemocratic thought in America

2435 Contemporary Political Ideologies 3 credits

Rise of ideology with mass politics and its political function; mass revolutionary movements like communism and fascism; democratic 'New Politics'; religious political ideology; Left and Right in contemporary America and other democracies.

2440 Israeli Political Thought 3 credits

Can Israel be both a Jewish State and a democratic state? This course focuses on historical and contemporary debates within Israel on the meaning of a Jewish democratic state. It also includes relevant Israeli and Palestinian Arab literature and commentary.

2490 through 2499 Topics in Political Theory 3 credits

Selected issues in political theory.

2505 Topics in Political Science 3 credits

Selected issues in the discipline of political science.

3110 Seminar: American Political Development 3 credits

Examination of durable patterns of institutional development and reallocations of institutional power discernible over the long sweep of American history.

3115 Seminar: Dynamics of American Politics 3 credits

Intensive survey of current research on American politics and political behavior including voting, elections, media effects, legislative politics, democratic theory, and political manipulation.

3175 Seminar: American Politics 3 credits

Seminar on issues in American politics.

3205 Seminar: Welfare States in Comparative Perspective 3 credits

Rise (and decline?) of the provision of social welfare benefits by states across the globe.

3210 Seminar: Resilience of Authoritarianism in the Middle East 3 credits

Contending approaches to explaining the democratic deficit in the Middle East.

3225 Seminar: Nation and State Building in the Post-Cold War Era 3 credits

American foreign policy; the democratic peace proposition and nation state building; problems associated with democratizing transitional states emerging from collapsed authoritarian regimes; historical precedents for nation state building; the military as state builder.

3230 Seminar: European Politics 3 credits



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Seminar on current issues in European politics.

3275 Seminar: European Politics 3 credits
Seminar on issues in contemporary politics.

3300 Seminar: International Security 3 credits
Major theories, concepts, and research programs associated with the study of international security. Addresses such topics as grand strategy, military strategy and statecraft, war termination, alliance politics, civil military relations.

2 " E N ME ~ 4 G iccs.

3305 Seminar: Statecraft Analysis 3 credits
When and why policymakers use different tech

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Sixteen credits in psychology, including PSYC 1010, 1100 or 1107, 2100C, 3105, 2150 or 3800. STAT 1021 is also required.

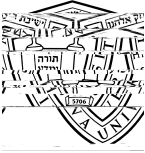
1010 Introductory Psychology 3 credits

One-semester survey of topics in experimental methodology, biological basis of behavior; sensation, perception, learning, cognition, development, personality, assessment, and abnormal and social psychology. This course is a prerequisite for all upper-level psychology courses.

1100 Theories of Human Development 3 credits

Course will include the study of grand theories, e.g. Psychoanalytic, Social Learning, Cognitive Developmental, Biological/Epigenetic, as well as area-specific theories like Attachment Theory, theories of Moral Development, and theories of Language Development. Attention will be given to the notion of theory, specifically of developmental theory, to theory in guiding research and to the synergistic relation between data and theory.

110g Developmental



Theory and method of measuring human behavior; construction and evaluation of tests of abilities, aptitudes, achievement, attitudes, and adjustment; ethical issues in testing
Prerequisite: PSYC 2100C.

2100C Experimental Psychology 4 credits

Theory and practice of research methodology and evaluation of experimental research in psychology. Students perform individual experiments, prepare reports of results, and are introduced to the literature of experimental psychology. This course is a prerequisite for most upper level psychology courses. (lecture: 3 hours; lab: 2 hours).

Prerequisite: PSYC 1010, **Prerequisite or corequisite:** STAT 1021.

2140 Learning 3 credits

Study of the factors that govern behavior change. Analysis of empirical data and comparison of the behavioral, cognitive, and biological approaches to understanding the process of learning. Discussion of practical applications of learning theory to areas such as therapy, education, and parenting.

Prerequisite: PSYC 2100C.

2150C Cognitive Psychology 3 credits

Analysis of empirical literature and theories relating to topics of size, distance, motion and form perception, attention, memory, language, and problem solving.

Prerequisite: PSYC 2100C.

2153 Mind, Language, and Consciousness 3 credits

An exploration of the nature of consciousness. 2 e fe



3400 Educational Psychology 3 credits

(Same as EDUC 1210)

Application of principles of learning, motivation and measurement to education.

Prerequisite: PSYC 1107.

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.

Prerequisites: PSYC 2100C, 3800 and either PSYC 1301 or 2414 or 2430

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.

3601 Health Psychology 3 credits

An examination of 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: PSYC 1010

3610 Public Health 3 credits

This course provides an introduction to fundamental concepts in public health including epidemiology, psychological and sociocultural contexts of health, health promotion and health disparities, the U.S. healthcare system, public health interventions, and ethical issues in public health research and practice.

Prerequisites: PSYC 1010, either experimental psychology or a science course with a lab, and junior status.

3712 Special Education Methods: Applied Behavioral Analysis 3 credits (Same as EDUC 4061)

This course includes a comprehensive and critical presentation of the theory, research, and methodology of applied behavior analysis. Controversial issues such as symptom substitution and extrinsic vs. intrinsic motivation are addressed and discussed. Although the application of Applied Behavior to children with special needs is presented, the course emphasizes the value and applicability of this approach for improving learning, attention, and social behavior in all children (and adults).

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: PSYC 1010



Mind and body: the nervous system and endocrine glands in relation to psychological processes; physiological basis of perception, motivation, emotions, and learning
Prerequisite: PSYC 2100C.

3810 Behavioral Neuroendocrinology 3 credits

This course will examine the hormonal effects on the brain and behavior. We will discuss the role of hormones in sex differences, parental behavior, learning and memory, and affective disorders. Both human and animal models will be considered
Prerequisite: PSYC 3804 or BIOL 3830 or BIOL 3728C

3815 Cognitive Neuroscience 3 credits

Cognitive Neuroscience is an investigation into the neurobiological underpinnings of cognitive functioning. The course will focus on neural pathways, clinical studies and contemporary research in the cognitive domains of object perception and form



3221 Nutrition 3 credits

Clinical nutrition, directed to common medical disorders, relevant physiology, nutritional implications, and therapy. Nutrition in gastrointestinal disorders, diabetes, cancer, and AIDS are discussed

This course does not count toward the Biology major.

3610 Public Health 3 credits

This course provides an introduction to fundamental concepts in public health including epidemiology, psychological and sociocultural contexts of health, health promotion and health disparities, the U.S. healthcare system, public health interventions, and ethical issues in public health research and practice.

Prerequisites: PSYC 1010, either experimental psychology or a science course with a lab, and junior status.

SCIENCE (SCIE)

1050 Science: Fundamentals and Application 3 credits

This course will examine science as it relates to the world around us in our everyday





Does the State of Israel unite or divide World Jewry? Does being Jewish unite or divide Israelis? Exploration of socio historical forces, the diversity of immigrant and indigenous cultures, conflicting religions and ideologies within the geographical space we call Israel

1211 Archaeology of Israel 3 credits

Through the lens of archaeology, this course probes the history of the Land of Israel from the earliest farmers to the end of the Roman/Byzantine era

1212 Archaeology of Israel Fieldwork 3 credits

Academic and practical experience in the recovery and analysis of the material remains of an ancient culture. Dig and survey the site, wash and read pottery at the base camp and learn about the archaeology of Israel and archaeological methodology.

1215 Sociology of Religion 3 credits

**Study of the reciprocal relationship between religion and the rest of society; how people interact and gain their self-identity within religious settings; uses 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
Prerequisite: SOCI 100L**

1232 Sociology of Health 3 credits

**Distribution of disease among and within populations; trends in medical practice; politicization of healthcare; contemporary social and ethical issues in healthcare; genetic engineering, right to die, living wills, and consumer movements in healthcare.
Prerequisite: SOCI 100L**

1233 Introduction to Public Health 3 credits

This course provides an introduction to fundamental concepts in public health including epidemiology, psychological and sociocultural contexts of health, health promotion and health disparities, the U.S. healthcare system, public health interventions, and ethical issues in public health research and practice.

Prerequisites: PSYC 1010 either experimental psychology or a science course with a lab, junior status or permission of instructor

1236 Epidemiology 3 credits

Epidemiology is the study of the distribution and determinants of health and disease in human populations. In recent years, the epidemiological approach has been used to address a wide range of problems, including infectious diseases, genetic risk, environmental threats, social stratification patterns, substance use, violence prevention, and even the spread of knowledge and innovation through social networks.



3112 Phonetics 3 credits

Analysis of American English speech sounds and their variations; articulatory and physiological aspects of phonetics; acoustic phonetics and perceptual phonetics; phonetic transcription using the International Phonetic Alphabet

3320 Aural Rehabilitation 3 credits

Types and application of amplification, auditory training and other communication tools matWml



publicity, role interpretation and acting theatrical and dramatic analysis of selected plays. Practical experience is met through participation in Dramatics Society Production

STATISTICS (STAT)

1021 Introduction to Statistics 3 credits

Sources of data; descriptive statistics: data display, univariate measures of location and variability; basic probability, normal curve and its applications; correlation and regression Sampling distributions. Inferential procedures in one- and two sample problems: estimation, hypothesis testing Chi square.
See MATH 1320 and 1460 for Mathematical Statistics and Probability Theory.

TAX (TAX)

See Accounting

WRITING (WRIT)

MINOR: Stern College for Women

The Writing minor (15 credits) is open to all majors and offers students the opportunity to develop and practice a variety of writing skills.

Students may choose from among courses in Journalism, TV writing, screenwriting, academic essay writing, blogging, courses in creative writing, business writing and Advanced Writing Skills.

English majors may count one of the Writing Minor courses toward the English major.

WOMEN'S STUDIES (WMNS)

MINOR: Stern College for Women

Fifteen credits. The women's studies minor offers students the opportunity to take an inter-disciplinary approach to the study of women and society. Following the required introductory course, ENGL 2901, students may choose from among designated courses in the departments of art, English, history, Jewish studies, psychology, and sociology. Specific courses counting toward the minor are listed in the course schedule for each semester:

1020 Introduction to Women's Studies: Theory and Practice 3 credits

This course introduces some of the issues and debates that characterize "Women's Studies." Women's Studies itself is an academic discipline that grew out of the 20th century women's movement. It draws on many different disciplines in the humanities and the sciences in its efforts to describe and understand women's lives. (Maybe taught by faculty in other departments; required for the minor in Women's Studies).



4920-4925 Topics in Women's Studies 2-3 credits

Topics course involving analysis of topics of contemporary interest in the interdisciplinary field of Women's Studies. May be repeated since the subject matter varies term to term.