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ACC 3201 Advanced Accounting 3 Credi ts

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

Prerequisites: ACC 1102, ACC 2403.

ACC 3851 Financial Statement Analysis 3 Credits (Cross -listed with FIN 3851) Methods of communicating information about financing and operating activities of corporations, and techniques for analyzing and evaluating information. Prerequisites: ACC 1002, FIN 1001.

ACC 3601 Principles of Auditing 3 Credits

Auditing standards and procedures, auditor's reports, the nature of evidence in the audit, evaluation of internal controls, audit sampling, auditing computerized systems, code of professional conduct.

Prerequisite: ACC 3201.

TAX 6124 Federal Income Taxation 3 Credits (formerly TAX 2501)

Analysis of the basic principles of federal income taxation as they apply to individuals, and other selected entities.

Prerequisite: ACC 1102, and Senior status.

TAX 6125 Advanced Federal Income Taxation 3 Credits (formerly TAX 2502) Federal income tax law and regulation, with emphasis on corporations, partnerships, trusts, and estates; tools and methods of tax research; review of the practice requirements of the Internal Revenue Service.

Prerequisite: TAX 6124.

ART (ARTS)

MAJOR: Stern College for Wom en

Students may elect a Shaped Major with emphasis on art history, or art therapy. See section on Shaped Major.

MINOR: Stern College for Women

Fifteen credits. Art History minors must take all 15 credits in Art his tory as follows: Either ARTS 1050 plus 4 advanced Art History courses or ARTS 1051 and 1052 plus 3 advanced Art History courses. Art Studio minors must take ARTS 1050 or 1051 or 1052 plus 12 additional credits in Studio Art.

1050 Introduction to Art 3 credits

A study of selected masterpieces of Western civilization in painting, sculpture, and architecture, from antiquity to the 20th century.

1051; 1052 History of Art 3 credit

Introduction to the history of art and architecture of the West. First semester: ancient

historical avant-gardes.

Prerequisite: ARTS 1050 or ARTS 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: ARTS 1050 or ARTS 1052.

1540 Asian Art 3 credits

Survey of the painting, sculpture, and architecture of China, Japan, India, and Southeast Asia. Prerequisite: ARTS 1050 or ARTS 1051 or ARTS 1052.

1613 American Art 3 credits

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

Prerequisite: ARTS 1050 or ARTS 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: ARTS 1050 or ARTS 1052.

1637 NYC Architecture and Urban Design 3 credits

The architecture of New York, its building types, and various styles. Site visits and study in light of the history of the city, significant social and economic events, and patrons responsible for commissions.

Prerequisite: ARTS 1050 or ARTS 1052 and permission of the instructor.

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.

1645 History of Photography

Survey of the history of photography from its origins to the present. Topics covered may include photography as technology, its use in mass media, and its legitimization as an art. Special focus on the theory and history of the medium of photography and its rise to prominence in contemporary artistic practice.

Prerequisite: ARTS 1050 or 1052

1750 Philosophy and Criticism of Art 3 credits

This course examines key philosophical issues in the history of art, together with influential critical approaches to art, its meaning and reception in society. Important texts from classical antiquity to contemporary culture develop students' critical skills in

analysis of art and its surrounding issues.

Prerequisite: ARTS 1050, 1051 or 1052; or Philosophy course

1850 Women in Art 3 credits

This course explores women's diverse roles as creators, muses, and patrons in the history of art. It covers a wide range of historical periods and critical perspectives highlighting the significance of feminist art history in the development of the discipline. Prerequisite: Arts 1050 or 1051 or 1052.

1924 Jewish Art 3 credits

Selected topics in the history of Jewish art from antiquity to the present.

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 th

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: Linocut, lithograph and silkscreen.

2902 Advanced Printmaking 3 credits

Advanced projects in printmaking; exploration of additional media and techniques. Prerequisite: ARTS 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, Illustrator and InDesign. This course is the prerequisite for several intermediate level design courses and should be taken early in the Studio Art sequence.

3012 Digital Photography 3 credits

An introduction to the fundamentals of digital photography. Basic camera operation, editing images, lighting and composition will be covered. Adobe Photoshop, Lightroom and other software are utilized to explore possibilities for image correction, manipulation and output.

3013 Intermediate Design 3 credits

Extensive study of graphic design principles with a concentration on research, process and experimentation. Focusing on visual communication, students will familiarize themselves with the graphic design process through a range of projects for both print-based media and the screen. Emphasis on applying the appropriate software and tools to more complex and comprehensive design challenges.

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1015; 1016 Introduction to the Bible 3 credits

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.

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Survey of td BTs

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;

1605; 1606 The Book of Deuteronomy 3 credits

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

1607; 1608 The Book of Deuteronomy 3 credits

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

1609; 1610 The Book of Deuteronomy 3 credits

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

1611; 1612 Topics in Deuteronomy 3 credits

2049; 2050 The Haftarot 3 credits

Those portions of the Prophets used as synagogue lessons. For advanced students.

2107; 2108 Early Prophets 3 credits

The Books of Joshua, Judges, Samuel, and Kings. Textual study with classical and modern commentaries.

2109; 2110 Early Prophets 3 credits

Selections from the Early Prophets, with classical commentaries. First semester: conquest of Canaan and early Judges; second semester: later Judges and the establishment of the Monarchy. For advanced students.

2114 through 2365 Early Prophet 3 credits

Specific portions of the text, with classical and modern commentaries.

2115, 2116 Joshua 3 credits

For intermediate students.

2117; 2118 Joshua 3 credits For upper intermediate students. 2119; 2120 Joshua 3 credits

For advanced students.

2121 Judges 3 credits
For intermediate students.

2122; 2123 Judges 3 credits For upper intermediate students.

2125; 2126 Judges 3 credits For advanced students.

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 Megillo t 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

3750 Selected Hagiographa 3 credits

Texts of the Ketuvim studied with classical and modern commentaries; literary analysis; historical backgrounds and themes.

3807 Daniel 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.

4901, 4902 Independent Study See Academic Information and Policies section.

4930-4939 Selected Topics in Bible

BIOLOGY (BIOL)

MAJOR: Stern 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 1412, MATH 1413, STAT 1021

1011C, 1012C Principles of Biology 4 credits

For majors. Introductory analysis of the various biological concepts at the molecular, cellular, and organismal levels. First semester: biochemistry of molecules, enzyme kinetics, cellular anatomy and physiology, cellular energetics and metabolism, cellular signaling; second semester: cellular reproduction, genetics, molecular biology, population biology, evolution, and comparative human physiology. Laboratory work, including dissections, complements the lectures. (lecture: 3 hours; lab: 3 hours)

2206C Invertebrate Zoology 4 credits

An evolutionary approach to the study of form and function in invertebrate animals. Laboratory provides a survey of phyla, utilizing living and preserved specimens as selected representative species. Includes dissection and behavioral studies. (lecture: 2 hours; lab: 4 hours) Laboratory fee.

Prerequisite: BIOL 1012C.

2206R Invertebrate Zoology 2 credits
The lecture-only portion of BIOL 2206C

2601 Human Development 2 credits

Focus on normal human embryonic and fetal development, as well as on congenital anomalies and birth defects. Fetal physiology and maternal-fetal interactions are presented, as well as other related topics, such as assisted reproduc

3130R Animal Diversity 3 credits
The lecture-only portion of BIOL 3130C

3135C Human Histology: Cells to Tissues 4 credits

This course covers the composition of the human body at the subcellular, cellular, tissue, and organ levels with an emphasis on relationships between structure and function. Clinical significance and applications and disease mechanisms are emphasized.

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

Prerequisite: BIOL 1012C.

3207C Cell Biology 4 credits

Prerequisite: BIOL 1012C. Recommended corequisite: BIOL 3513C or permission of the instructor.

3513C Genetics 4 credits

Course spans Mendelian genetics, chromosomal morphology, cell divisions, linkage, gene mapping, DNA replication, chromosome morphology, gene mutation, chromosomal aberrations, gene regulation, extranuclear genetics, behavioral genetics, epigenetics, and basic principles of biotechnology. Laboratory exercises complement lectures. (lecture: 3 hours; lab: 3 hours) Laboratory fee. Prerequisite: BIOL 1012C.

3521C Molecular Biology 4 credits

A comprehensive study of the gene in prokaryotic and eukaryotic systems. Analysis of the molecular structure of DNA and the chromosome, RNA structure and transcription, RNA processing, translation into proteins, structure and organization of the genes and their regulatory regions, protein-DNA interactions, gene expression mechanisms, Laboratory introduces DNA and protein analysis, and recombinant DNA techniques. (lecture: 3 hours; lab: 3 hours) Laboratory fee.

Prerequisite: BIOL 3207C or BIOL 3513C or CHEM 1376.

3728C Human Physiology 4 credits

Physicochemical principles involved in life processes. Lectures and laboratory illustrate these principles in the physiological systems of humans. (lecture: 3 hours; lab: 3 hours) Laboratory fee.

Prerequisite: BIOL 1012C.

3730 Reproductive Biology 2 credits

The course focuses on different aspects of human reproduction and reproductive health. Topics include spermatogenesis, oogenesis, menstrual cycle, fertile window and fertilization, breastfeeding, breast and ovarian disorders, infertility, assisted reproductive techniques (e. g. in vitro fertilization). Prerequisite: BIOL 1012C.

3735 Biology of Women's Health 2 credits

Biology of conditions affecting women's health. Topics covered include reproduction, cardiovascular disease, osteoporosis, cancer, and autoimmune diseases. Articles from medical journals and clinical trial data are discussed.

Prerequisite: 1005C or 1012C.

3750 Medical Biochemistry 3 credits

Reviews major human metabolic pathways with focus on biochemical alterations that accompany a wide range of human diseases and conditions. Emphasis on advanced methods of molecular medicine for diagnosis and treatment of genetic and metabolic disorders.

Prerequisite: BIOL 1012C; Pre- or corequisite: CHEM 1213C.

3801 Endocrinology 2 credits

Structure and function of the hormone-producing endocrine glands. Emphasis on the

nature of hormones structure, mechanisms of action, and physiologic effects. The interaction and integration of the endocrine system with other organ systems is demonstrated. Disease state and clinical case studies reinforce basic principles. Prerequisite: BIOL 1012. Recommended: BIOL 3728.

3830C Neurobiology 4 credits

Nerve cells and their organization into complex nervous systems; major concepts in neurobiology, including impulse conduction, synaptic transmission, sensory processing, motor function, and memory. Lab includes basic experimental methods and approaches in the neurosciences with a focus on the analysis of functional neuroanatomy, molecular markers, and behavior. (lecture: 3 hours; lab: 3 hours) Laboratory fee. Prerequisite: BIOL 1012C

4023C Microbiology 4 credits

Topics include prokaryotic cell structure and function, microbial nutrition, growth and control, microbial metabolism, bacteriophages, and microbial genetics. Laboratory exercises complement lectures. (lecture: 3 hours; lab: 3 hours) Laboratory fee. Prerequisite: BIOL 1012C. Corequisite: CHEM 1046C.

4901, 4902 Independent Study

See Academic Information and Policies section. Laboratory fee on an individual basis.

4930; 4931 Current Topics in Biology 2 credits

Selected subjects from current developments in a variety of biological disciplines, such as animal behavior, environmental issues, and molecular genetics. Prerequisites: BIOL 1012C and permission of the instructor.

4933; 4934; 4935; 4936 Topics in Biology 1- 2 credits

4947, 4948 Research Internship - Credits depend on number of hours devoted Research project at an approved laboratory in New York under the joint guidance of the head of the laboratory and a faculty member at Stern College for Women. Prerequisites: BIOL 1012C and permission of the instructor.

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: finance, information and decision sciences, 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 Stern College Students

18 credits: BUS 1001, plus three additional Sy Syms core courses and any two Sy Syms non-core courses.

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MINOR: Stern College for Women

CHEM 1045C, 1046C; CHEM 1125C or 1415R; CHEM 1213C, 1214C; and one

additional CHEM course.

MAJOR: Stern College for Women

BIOCHEM: CHEM 1045C, 1046C; 1213C, 1214C; 1415R or 1416R; 1376R; 1377L; BIOL 1011C, 1012C; MATH 1412, 1413; PHYS 1031C, 1032C or 1041C, 1042C; two courses selected from BIOL 3207C; 3230C; 3513C; 3521C; CHEM 1386 + 4901. Recommended: Second semester of Physical Chemistry CHEM 1415R or 1416R.

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; nuclear chemistry. Laboratory experiments enhance understanding of principles taught in lectures. Emphasis on quantitative techniques; computer interfacing and spreadsheet applications. Second semester includes semimicro qualitative analysis. (lecture: 3 hours; recitation: 1 hour; lab: 3 hours) Laboratory fee.

1125C Analytical Chemistry 4 credits

Theory and practice of classical and modern analytical chemistry. Laboratory applications of volumetric, gravimetric, and instrumental methods including potentiometry, spectrophotometry, and chromatography. One laboratory hour is a conference hour. (lecture: 2 hours; lab: 5 hours) Laboratory fee. Prerequisite: CHEM 1046C.

1213C, 1214C Organic Chemistry 5 credits

The structure, properties, synthesis, and reactions of the main classes of organic compounds, including compounds of biological importance. Principles of stereo-chemistry, reaction mechanisms, and spectroscopy. Laboratory experiments are designed to illustrate methods of separation, purification, identification, and synthesis of organic compounds. Spectroscopic measurements and molecular modeling are included. (lecture: 3 hours; recitation: 1 hour; lab: 4 hours) Laboratory fee. Prerequisite: CHEM 1046C.

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: CHEM 1214C or permission of the instructor.

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: CHEM 1376R.

ECONOMICS (ECON)

MAJOR: Stern College for Women

ECON 1031, 1041, 1101, 1201, 1421; STAT 1021; 15 additional credits in ECON courses. Up to 6 credits in Finance or Accounting courses in the Sy Syms School (or 3 credits plus Math 2901) may count toward the major. Sy Syms courses in other areas such as Marketing or Management do not count toward the major.

NOTE: Students considering graduate study in economics are advised to take MATH 1412, 1413, and at least two 1500-level or higher Mathematics classes. Two 1500-level or higher Mathematics classes will count as three credits toward the Economics elective requirements.

MINOR: Stern College for Women

Eighteen credits. ECON 1031, 1041 plus an additional 12 credits in Economics.

1001 Survey of Economics 3 credits

The American economy; rudiments of supply and demand; role of private markets and government policy as related to big business and competition, Social Security, poverty, education, taxation, unemployment, and inflation; monetary and fiscal policies; the global economy; the development of economic ideas. Students who take ECON 1001 and then decide to major in economics should seek departmental guidance.

1031 Introductory Economics I: Microeconomics 3 credits

Introduction to microeconomic analysis: supply and demand, the behavior of firms and consumers; how markets work; market failures; policy issues such as taxation regulation, and redistribution of income.

1041 Introductory Economics II: Macroeconomics 3 credits

Introduction to macroeconomic analysis: General equilibrium, business cycles, inflation, unemployment; national income accounting; monetary policy and the financial system, fiscal policy and social insurance; theories of international trade; long-term growth. This course fulfills a requirement for both economics majors and Syms students who formerly took ECO 1051.

Prerequisite: ECON 1031

1101 Intermediate Microeconomics 3 credits

Application of indifference curve analysis to private decision making and public policy issues; consumer choice; production and cost; economic efficiency under perfect and imperfect competition; input market, game theory, public goods, and externalities. Prerequisite: ECON 1031; Prerequisite or corequisite: MATH 1010 (or higher) or STAT 1021 or STB 1131.

1170 Contemporary Microeconomic Issues 3 credits

Use of economic tools to explore issues of public policy and private decision making. Topics vary by term but may include uncertainty and information in economics, crime,

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2701 Managerial Economics 3 credits

How managers make decisions about strategic variables that affect firms' profits: prices, quantity and quality of final products, technology, spending on research and development, advertising, mergers and acquisitions. Also how these decisions differ under various market structures (e.g. competition, monopoly) and how they can affect these structures.

3006 Economics and Ethical Issues 3 credits

Comparison of the economic efficiency and Jewish law approaches to business ethics, advertising and promotional activities, business pricing policies, labor relations, fair competition, government regulation of the economy, social welfare, speculation.

3501 Economics of the Middle East 3 credits

Economic growth of Israel until the Yom Kippur War; stagnancy and inflation since 1974; new economic policies since 1985; Middle East oil, OPEC, and the economies of Saudi Arabia, Egypt, Jordan, and Syria.

Prerequisite: ECON 1001 or 1041.

4901, 4902 Independent Study See Academic Information and Policies section.

4930 Topics in Macroeconomics 3 credits

4931 Topics in Microeconomics 3 credits

EDUCATION (EDUC)

MAJOR: Students may choose from two tracks: Elementary (Childhood) Education (grades 1–6) and Early Childhood (birth-grade 2). Each track leads to Initial Teacher Certification in New York State. In addition to meeting specific course and fieldwork requirements for certification, students attend two-hour seminars on the identification and reporting of child abuse and school violence, and must meet minimum proficiency standards on the New York State Teacher Certification Test Battery (TPA, EAS, ASLT, and CST-multi-subject).

During spring semester of the sophomore year, students apply for formal admission to the teacher education programs. Prospective education majors must demonstrate the intellectual, communication, and interpersonal skills necessary for success as a teacher. The following specific requirements are required for admission to either the Early Childhood Education or Elementary Education Program:

- 1. Successful completion of PSYC 1010 with a minimum grade of C+ and EDUC 2130, Foundations of Early Childhood Education; or EDUC 2300, Introduction to Elementary (Childhood) Education, with a minimum grade of B-.
- 2. Submission of an essay stating personal aims and aspirations as a teacher.

- 3. Recommendation of instructor of either Foundations of Early Childhood Education or Introduction to Elementary (Childhood) Education.
- 4. Successful interview with a member of the education faculty other than the instructors of the courses in #3 above.
- 5. Successful completion of ENGL 1100, Composition and Rhetoric.

Specific course sequences and permissible electives are to be decided in consultation with an adviser. Students majori7dTd[(n)1e(i)3-91(r)-

2201 Classroom Instruction and Management 3 credits
An introduction to models and methods of classroom instruction and management for diverse educational settings. Required for Education minors and Jewish education concentrators. EDUC elective for majors.

2300 Introduction to Elementary (Childhood) Education 3 credits
Survey of learning, teaching, and schooling for children (grades 1–6) from historical,
philosophical, sociological, cultural, and political perspectives. Analysis of conceptions of
teachers, schools, and learning based on students' own experiences as learners and as
represented in educational scholarship. Includes 30 hours of classroom observation.
Required of all prospective elementary education majors.

2301 Language and Literacy in Elementary (Childhood) Education I 3 credits Exploration 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.

Four to six additional hours of fieldwork. Prerequisite: MATH 1010.

2305 Senior Fieldwork and Seminar in Elementary Education (Grades1— 6) 3 credits Supervised one-on-one and small-group instructional contact, three hours per week. Placements include a high-needs school. Weekly discussion seminar addresses issues relating to the field experience, including mathematics and literacy methodology, observation and documentation techniques, classroom management, student diversity, lesson planning and curriculum design, and assessment. Students begin preparing professional portfolios documenting their development as teachers. Substance abuse, child abuse, and school violence prevention workshops included.

2307 Teaching Science in Elementary Schools 3 credits
Basic concepts in contemporary science curricula. Examination of NYS Learning
Standards in Science for grades 1-6. Instructional techniques, materials, hands-on
activities, technological applications, and curriculum design for diverse student
populations. Eight hours of fieldwork in local scho1.152 Td 2 W 1

violence prevention workshops are included.

Corequisite: EDUC 2945.

2940 Elementary/Childhood Student Teaching 6 credits

Fulltime student teaching (400+ hours) under the supervision of a certified teacher and a faculty supervisor. Students plan and implement whole class instruction, spending the first half of the semester in a classroom in grades 1–3 and the second half in grades 4–6. Corequisite: EDUC 2930.

2945 Early Childhood Student Teaching 6 credits

Fulltime, active involvement in two early childhood classrooms (pre-K to K and grades 1–2). Students plan and implement developmentally appropriate lessons. A minimum of 300 clock hours of satisfactory service under the supervision of the classroom teacher and faculty supervisor.

Corequisite: EDUC 2935.

3020 Assessment of Students in the Classroom 3 credits

Pupil assessment: rubrics, goals, procedures, interpretation. Performance assessments, portfolios, formal and informal tests, conferences, and other strategies.

3035 Educational Leader ship and Supervision 3 credits

Introduces students to fundamental concepts and theories of educational leadership and supervision. Topics include models of leadership, characteristics of educational organizations, women and leadership, decision making, change theory, community building, and communication practices.

3045 Play: Life and Learning 3 credits

Explores the power of play and its impact on social, emotional and cognitive development across the lifespan. Through the review of current research, observations and participation in play, students will study essential elements of play in life and in learning.

3052 Psychology of Academic Achievement 3 credits

Focuses on factors impacting academic achievement. Processes in learning and instruction, such as strategy use, self-regulatory skills, and cultural differences, are explored to gain an understanding of what is termed "under" and "over" achievement.

4001 Society and Populations with Special Needs 3 credits

This course focuses on the changing role of special-needs populations and their relationship to society. The concept of disability, historical treatment of people with special needs, the growth of the special education movement, and personal/cultural perspectives are covered.

4003 Education of Exc eptional Children 3 credits

Introduction to the education of children with special developmental and learning needs; concepts of cognitive modifiability; survey of prevailing and preferred educational practices for children significantly handicapped by physical, sensory, neurological,

intellectual, and affective problems. Workshop on assistive technology; field observation in a self-contained special education facility.

Prerequisite: either PSYC 1010, a minimum of 6 credits in EDUC, or permission of the instructor.

4004 Evaluation for the Exceptional Child 3 credits

Emphasis on the educator's role as observer and evaluator of status and change in school behavior and achievement; concepts of process and product; normative and criterion measures of perceptual, motor, cognitive, and social-affective performance; application to the Individual Education Program required by Public Law 94–142. Field experience in a special-education setting.

Prerequisite: a minimum of 6 credits in EDUC or permission of the instructor.

4025 Problems in Special Education 3 credits

Addresses problems of definition, diagnosis, and questionable therapies in special education. Topics include ADHD, Asperger's syndrome, vision therapy, and reading disabilities. Students learn to recognize these problems and research them.

4061 Special Education Methods: Applied Behavioral Analysis 3 credits
A comprehensive and critical presentation of the theory, research, and methodology of
Applied Behavior Analysis, with emphasis on improving learning, attention, and social
behavior of children with special needs. Field observation in a special education facility.

4210 Curriculum Analysis and Adaptation 3 credits

An examination of curriculum with particular emphasis on the purpose of curriculum and pedagogy in the 21st century. Issues relate to globalization, media literacy, knowledge generation, multiculturalism, and the habits of mind necessary to prepare students and teachers for the future. Course is appropriate for those interested in both Jewish and general education.

4901, 4902 Independent Study See Academic Information and Policies section.

4930, 4931 Selected topics in Education 3 credits

4935, 4936 Topics in Special Education 3 credits

ENGLISH (ENGL)

MAJOR: Stern College for Women

English Literature Concentration: 34 credits: ENGL 2000, 1300, 4000 at least two (2) advanced level literature courses, seven (7) additional ENGL courses. Creative Writing Concentration: 34 credits. ENGL 1800, 2000, 4001, at least one (1) advanced level literature course, three (3) ENGL writing courses, plus five (5) additional ENGL courses.

Media Studies Concentration: 34 credits. ENGL 1500, 2000, 4002; three (3) English literature courses totaling 9 credits; two (2) courses in a Media Emphasis selected from 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 totaling12 credits. A 1-credit internship experience is required for media studies majors.

<u>NOTE</u>: ENGL 1100 or 1200H 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

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 Exposition 3 credits

Course will build on 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. This course is a prerequisite for ENGL 4000.

1400 Technical Writing and Editing 3 credits

This course focuses on how to write and edit different types of technical documents for clarity, consistency, cohesiveness, and correctness.

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 and Reporting 3 credits

Fundamentals of journalism, featuring news writing skills and reporting techniques

1502 Feature Writing 3 credits
Focuses on the skills and techniques to write articles or stories for newspapers,
magazines or news websites.

1503 Columns and Editorials 3 credits

1790-98 Internships 1- 3 credits depending on hours devoted Apprenticeships in media and communications, under supervision, in recognized professional offices: graphic arts; editing; audiovisual media technology; photography; public relations; advertising; newspapers; magazines; radio programming and continuity;

network and cable television; book publishing. May not replace a course. 100 hours per credit up to three credits. See Chair for details.

1800 Introduction to Creative Writing 3 credits

A creative writing course that introduces students to multiple genres. Presupposes no prior experience with college-level creative writing. Students are encouraged to take this course prior to other creative writing classes, and they are required to take it before taking an advanced creative writing class. Open to all, though individual professors may alter the class and its requirements for students in the creative writing concentration.

1801 Writing Fiction 3 credits

A creative writing course introducing students to the writing of fiction. Students read examples from short stories and novels, learn about the elements of plot, character development and setting, and write and revise their own stories. Set up as a writing workshop, the course enables students to regularly share their work with their teacher and her a2 TD [(and s)-2(ho(ul)3(ar)5(l)3(y)9(1hBa/2(c>(ng Fu)11(tT(ul)3(ar)1De)8(09 -1.141 Td ()Tj EMC

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1812 Screenwriting 3 credit s

The course teaches the process of learning to apply one's vision to a cinematic medium within a specific story genre. Topics: dramatic subject matter; developing the scene; plot construction; creating and developing characters; dialogue; writing subtext and subplots; how to market and sell a script.

1815 Writing Women's Lives 3 credits

A seminar in memoir writing, developing narrative techniques that convey how the self is reinvented and refined through experience. Topics include the self and its roots, the self and community, growth, and coming of age.

1920 Topics in Creative Writing 3 credits Topics vary. May be repeated for credit.

1930 Advanced Creative Writing Tutorial 1- 3 credits

Weekly one-to-one meetings for advanced creative writing students with demonstrated ability to work on writing independently. Reading and writing assignments designed around student interests. Genres vary.

1932 One Week Creative Writing Seminar 1 credits

A week long creative-writing seminar with a visiting professor. Genres vary. May be repeated for credit.

2000 Gateway to Reading 3 credits

Who decides what texts mean? Are some interpretations better than others? Does the author's intention matter? How does language work? In this foundational course, we will study texts of the cultures around us, as well as literature. Required for the English Major and Minor.

2001 Culture and Power: From Classical Troy to the Renaissance 3 credits Follows the theme of the 'transfer of learning,' and hence, of power from classical Greece and Rome to the Middle Ages and the Renaissance. Authors may include Virgil, Chrétien de Troyes, Dante, Shakespeare, Spenser, and Ariosto—all available in translation.

2003 Survey of British Literature I 3 credits

History of British literature and culture focusing on major works from the earliest literature through Donne.

2004 Survey of British Literature II 3 credits

History of British literature and culture focusing on major works from Milton through 1870.

2005 Survey of British Literature III 3 credit s

History of British literature and culture from 1879 to the present.

2006 Survey of American Literature I 3 credits Development of American literature through 1870.

2520 Literature and Culture of the Roaring Twenties (then and now) 3 credits A detailed examination of the cultural history of American in the 1920s. Explores concepts such as the "Jazz Age," "The Lost Generation," and the idea of modernity in relation to a variety of media, including film, novels, poetry, history, and music.

2580 American Jewish Literature 3 credits

Literature by Jewish writers in the United States from the late nineteenth century to the present. Focuses on how these authors describe immigration and Americanization, explore the conflicts between tradition and modernity, portray the Jewish family, deal with the legacy of the Holocaust, conceive of Jewish self-identity, and negotiate Jewish stereotypes. Authors include Abraham Cahan, Anzia Yezierska, Henry Roth, Isaac Bashevis Singer, Philip Roth, Bernard Malamud, Saul Bellow, Tillie Olsen, Grace Paley, Woody Allen, and Wendy Wasserstein

2590 African American Literature 3 credits

The course offers an overview of literature written by African Americans from the mid-19th century to the present. Readings include works of autobiography, fiction, poetry, and non-fiction by: Harriet Jacobs, Booker T. Washington, W.E.B. DuBois, Zora Neale Hurston, Langston Hughes, Richard Wright, Ralph Ellison, Martin Luther King Jr, Rita Dove, and Toni Morrison.

2600-2602 Topics in Historical Approaches to Literature 3 credits May be repeated since the subject matter varies from term to term.

2642 Narrative Poetry: Life, Death, and other Stories 3 credits Introduces fundamentals of narrative and poetic analysis through three units: poems that use narrative to explore the tension between life and art; Holocaust and "confessional" poems that represent traumatic suffering; and narrative poems examining the myth and reality of America.

2653 Romantic and Victorian Poetry 3 credits

The course addresses the formal innovations of Romantic and Victorian poetry in Nineteenth-Century England and pays special attention to the construction of the Lyric "I".

2654 Victorian Literature and Culture 3 credits

Poets, essayists, and novelists of the 1830-1880's in relation to the social and intellectual milieu, including Dickens, Eliot, Browning, Tennyson, Ruskin, the Pre-Raphaelites, and less well-known writers.

2670 Introduction to Drama 3 credits

This course will introduce students to basic elements of dramatic form such as plot, character, dialogue, and thought, and to various aspects of theatrical performance. Students will read examples of different types of plays from several time periods and countries.

2679 Restoration and Eighteenth -Century British Drama 3 credits
An introduction to various modes of drama popular from the Restoration through the late eighteenth century.

2700 Introduction to Film 3 credits

Studies how meaning is produced in cinema and teaches how to analyze a diverse range of filmmaking practices. Covers key concepts and theories of cinema as an aesthetic medium and as a social practice.

2740 Classic Modern Novels 3 credits

Intensive study of five landmark novels, some in translation, by authors who have explored new territory in modern fiction.

2770 Introduction to the Essay 3 credits

This course treats a range of essay forms and considers some of the standard rhetorical devices used in writing nonfiction: persuasion, comparison and narration. We begin by reading classic essays by Montaigne, Daniel Defoe, and Samuel Johnson and end with a selection of literary non-fiction works by writers like Joan Didion, Annie Dillard, Tom Wolfe and John McPhee. In the course, you will be expected to write several short imitation essays in the style of an author we read. Your final project will be to craft, in several drafts, a long essay of your own.

2779 Fact and Fiction: American Literary Nonfiction 3 credits

The development since World War II of alternative forms of journalism in America literary nonfiction, new journalism, personal journalism, the nonfiction novel. Considers why some journalists in the 20th century intentionally have departed from standard practices valued by mainstream journalists, forgoing the objective stance to include their own involvement in the stor

2795 Magic Realism and Literature of the Uncanny 3 credits							

2901 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. (May be taught by
faculty in other departments; required for the minor in Women's Studies).

2902 Women and Literature 3 credits

Writings by and about women from 1800 to the present; novels, stories, poems, and nonfictional prose discussing changing attitudes toward women's roles in education, marriage, society, etc. May be offered in various forms: eg. American Women Writers; British Women Writers. May include works by Jane Austen, George Eliot, Virginia Woolf, Doris Lessing, and contemporary writers.

2903 Women Poets and Their Tradition 3 credits

May be offered in various forms: eg. American Women Poets; British Women Poets; Multicultural Women Poets, etc. The nature and development of British and American women poets. The specific tradition of women's poetry is addressed. Major works from the Renaissance through the 20th century.

2910 Women and Education in Britain, 1750 -1920 3 credits
A look at the issues of women and education in 18th- and 19th-century Britain. Focuses on the interrelationship between debates about women's nature and roles and fictional representation of women's education (in all its guises).

2920- Topics in Literature: Intr

3731 The Development of the British Novel I 3 credits

Traces the emergence of the novel as a literary form and provides an introduction to Defoe, Richardson, Fielding, Sterne, Burney, and Austen; the novel of sentiment, the novel of sensibility, the gothic novel, and the novel of manners.

3732 The Development of the British Novel II 3 credits

Focuses on the English novel in the 19th century and may include work by the Brontës, Dickens, Eliot, Trollope, and novels of sensation by writers like Collins and Braddon.

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.

3790 The Art of Fiction 3 credits

How great writers of fiction shape their audience's responses through traditional and experimental strategies

3791 The American Short Story 3 credits

Traces the development of the American Short Story, early nineteenth century to the present. Authors may include Nathanial Hawthorne, Edgar Allen Poe, Herman Melville, Charles Chestnut, Katherine Anne Porter, F. Scott Fitzgerald, William Faulkner, Shirley Jackson, Philip Roth, Bernard Malamud, Raymond Carver, Dorothy Parker, Joyce Carol Oates, Leslie Silko.

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 water in the most of the mo

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Yeshiva University

of high school French may enter 1202 with permission of the instructor.

2101; 2102 Masterpieces of French Literature 3 credits.

Great works of French prose, poetry, and drama of the various periods.

Prerequisite: four years of high school French or FREN 1202.

2125; 2126; 2127; 2128 Survey of French Literature 3 credits .

students.

2657 Modern Hebrew Prose 3 credits
The Hebrew short story and novel from 1880 to the present.

2669 The Hebrew Short Story of the 20 th Century 3 credits
Detailed examination of the short story genre, its main characteristics, motifs, themes, and techniques as reflected in the works of various 20th century writers.

2679 Modern Hebrew Poetry 3 credits
Major poems of modern masters from 1880 to the present.

2687 Foundations of Renaissance Literature 3 credits The works of Ahad Ha'am, Bialik, and Mendele.

2697; 2698 Contemporary Hebrew Literature 3 credits Hebrew prose and poetry since 1948; literary analysis of selected readings of the major authors.

2709; 2710; 2719; 2720 Topics in Modern Hebrew Literature 3 credits

Each semester examines a specific area, such as literature of the Holocaust, war and
peace in contemporary Israeli literature, pt ik(f)-7(t)-7(he)11(m)5(aad Hat)-7(bm)5(a c)-2(l)9(m)-6aeli literature)

1303 through 1396 Hebraic Studies 3— 6 credits each

Block credits transferred to the BA/BS transcript for courses taken in this department. This block of courses consisting of three courses which total at least 8 credits is referred to as CORE.

S. Daniel Abraham Israel Program of Yeshiva University

1400 through 1499 Hebraic Studies

Block credits transferred to the BA/BS transcript for courses taken in the University's S. Daniel Abraham Israel Program. Up to 27 credits per year are granted at Stern College for Women or Sy Syms School of Business.

HISTORY (HIST)

MAJOR: Stern College for Women

Thirty-three credits: HIST 1101, 1102 plus 27 additional HIST credits, of which 6 must be in American History and 3 in non-Western history. Courses that cover both the U.S. and the non-Western world may be counted either as U.S. or as non-Western history, but not as both. With the permission of the senior professor, up to 6 credits in Jewish history (in excess of those used to meet the Jewish studies requirement) may be counted toward the major.

Exit requirement: either a 25-page paper, which counts as a 3-credit course toward the major (HIST 4001), or successful completion of one or another of the two capstone courses (HIST 3001, 3002), which will be offered in alternate years. Those wishing to write a senior paper should consult with a faculty advisor.

Majors are encouraged to master at least one language in addition to English and Hebrew. Knowledge of the relevant language is essential for senior thesis research on many topics in the history of Europe of the non-western world and for M.A. and PhD programs in History.

MINOR: Stern College for Women

Eighteen credits: HIST 1101, 1102, plus 12 additional HIST credits, of which 3 credits must be in American History. Up to 3 credits in Jewish history (in excess of those used to meet the Jewish studies requirement) may be counted toward the minor.

1101 The Emergence of Europe 3 credits

Major themes in the cultural, political, and social evolution of the West from antiquity to the Reformation.

1102 The Transformations of Europe 3 cred its

Survey of European history from the age of absolutism to the European Union of today.

1201; 1202 Survey of United States History 3 credits

Aspects of American history that have contributed to the shaping of American culture; evaluation of political, social, and economic trends in the light of changing ideals. First semester: colonial times to 1877; second semester: 1877 to the present.

1301; 1302 The Middle East I, II 3 credits

Provides the background for understanding current Middle East politics, the relationship between the West and the Middle East, and the resurgence of religion in the region. First semester: the emergence and the development of Islamic society; political, social, religious, and economic history of the Middle East from the 7th through the 17th century. Second semester: history, culture, and politics of the modern Middle East from the end of the 17th century to the present.

1401 History of East Asia 3 credits

Introduction to the history and culture of the major civilizations of East Asia, with particular focus on China and Japan. The development of traditional society and the growth and transformation of Confucian ideas and institutions. Covers the differing responses of China and Japan to the challenge of Western imperialism, impact of World War II on East Asia, and the Chinese Revolution.

1501 The Contemporary World: Main Currents in Global History Since World War II 3 credits

Focuses on the dominant military, economic, and cultural role of the United States in international affairs. Topics include World War II, the Grand Alliance and its dissolution;

Mussolini. Explores how ancient discussions about slaves, images of rulers, and debates about female rulers such as Cleopatra and her successors affected their more modern counterparts.

2124 History of the Book: From Gutenberg to Google 3 credits

Focuses on some of the major themes in the history of the book during the age of the wooden hand press (1460 to ca. 1800): the transition from manuscript to print and the changing physical appearance of books, publishing and the book trade, copyright and censorship, and the history of reading. The final section of the course examines the world of books in the age of Google, comparing the internet revolution of today with the Gutenberg revolution of the early-modern period.

2127 The European Enlightenment 3 credits

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.

2141 The Holocaust 3 credits (Same as JHIS 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 JHIS 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.

2201 American Colonial History 3 credits

Origins and development of the English North American colonies from the early 17th century to the eve of the American Revolution. Contacts between Europeans and American Indians; Puritanism; slavery; economic growth; urbanization; relations with England.

2204 The United States: 1850- 1877 3 credits

Sectionalism, Civil War, and Reconstruction. Impact of slavery on American society. The "irrepressible" conflict. Military campaigns. The home front—North and South. The attempt to restructure Southern society and its failure.

2207 The New Deal and The Great Depression 3 credits

Examination of the American economy of the 1920s and its weaknesses; the Depression

religious and ethnic minorities, focusing on Christians and Jews, and the effects of modernization, European colonialism, and nationalism on the minorities in the region.

2501 History and Ethnography 3 credits

Examines the idea that historically, writers within the Western tradition have often defined themselves in relations to others. By looking at texts and images that purport to show others, the course considers what they say about Europeans' ideas of themselves in their historical context, and if it is possible to write about other cultures "objectively." Also explores how historians have used cultural difference and ethnological description as causal forces.

2511 The Crusades 3 credits

Examines the Crusades in the Middle Ages, focusing on religious, economic, and social origins; the nature of Christian and Muslim relations; the character of the Crusader kingdom; and the legacy of the crusading idea in Western culture.

2514 Imperialism and the Middle East 3 credits

Analyzes European political, economic and cultural imperialism in the Middle East during the 19th and 20th centuries and the impact of colonial rule on peoples of the Middle East.

2517 US Engagement with the Middle East: Power, Faith and Fantasy 3 credits (Same as POLI 4930.) Traces the interaction between religion, popular culture and American policy toward the Middle East.

2520 Atlantic World 3 credits

Before they became "the United States," the American colonies belonged to a broader, multinational and heterogeneous collection of colonies which historians term "the Atlantic World." This course will consider the transatlantic connections that defined this "world": economic, social, political, and how it transformed over the seventeenth and eighteenth centuries.

2531 The History of the Cold War 3 credits

The Soviet-American conflict after World War II, with attention to Soviet expansion into

centrality of trade, what they consider "criminal," and how they wish to be perceived by other states. Whether as "enemies of the human race" or useful adjutants to navies, perceptions of piracy have often defined how a state regards itself.

2607 International Crimes: Atrocity and State Response in the 20 th Century 3 credits

Explores the emergence and incidence of genocide and other crimes against humanity in the 20th century. Emphasis will be placed on how the international community has responded, the use of the trial and other forms of retributive justice, and the emergence of international law after the Second World War.

2610 Dissent and Repression in the United States 3 credits

Political repression from the colonial period to the present, including the Alien and Sedition Acts, antiabolitionism, Civil War, repression of labor unions, World War I, Red Scare, Japanese American internment, McCarthyism, and the war on terrorism

2613 Law and Dispute Settlement in Pre -Modern Europe 3 credits

Examines the development of legal systems and the methods used to settle disputes in pre-modern Europe, by comparing the various ways in which laws were made in Europe from the Greeks to the sixteenth century, and reading a variety of records to see how disagreements were settled in practice in this period.

2701 Topics in the History of Modern Science 3 credits

Introduces students to the historical development of the modern physical and life sciences, as well as introducing them to the social and historical analysis of science. Explores how science has come to enjoy the enormous prestige and support it has in modern western society, and how science takes place as an activity embedded in and drawing upon broader culture.

2801 Greek Civilization 3 credits

Political, social, and cultural history of Greek civilization from its origins in the second millennium BCE to the period of Roman domination. The rise and fall of nations and leaders; daily life in ancient Greece; development of Greek literature, art, and philosophy; interaction of Greeks with other peoples of the ancient Mediterranean world (especially the Phoenicians, Persians, Jews, and Romans).

2811 Roman Civilization 3 credits

Social, political, cultural, religious, and economic history of Rome from the city's foundation in the 8th century BCE to the fall of the Western Roman Empire in the 5th century CE. Particular emphasis on the late Republic and Early Empire. Examination of different types of evidence available for the study of ancient Rome (literary, archaeological, numismatic, papyrological, epigraphic, and artistic) and current resources and problems in the field of Roman history.

2821 Archaeology 3 credits

An introduction to world pre-history, with an emphasis on the rise and fall of social and

political complexity. Topics range from cave paintings and early farmers to the first civilizations in Mesopotamia, Egypt, China, and Central and South America.

2901 The Civilizing Process in the West 3 credits

Examines the civilizing process in the West across roughly five-hundred years, from the Renaissance to the early 20th century. Topics include: shifting standards of polite behavior, especially as regards table manners; the "olfactory revolution" and the elevation of visual over other modes of sensory experience; instinctual renunciation and curbs on aggression; western critics of the civilizing process such as Rousseau and Nietzsche; and how the ideas of "civility" and "civilized" have been used as markers of social distinction, both within western societies and between western and non-western societies.

2904 Women, Culture, and Society in the Modern World 3 credits Interdisciplinary course examining the changing historical, cultural, and literary concepts of the subject of women, focusing on Europe and America in the 19th and 20th centuries. A topical approach is used to explore women's lives through important literary sources, historical documents, and scholarly materials.

2907 Modernity 3 credits

Interdisciplinary course on change and how individuals and societies respond to it. Topics may include traditional society; revolution, identity, and the state; technology; modernity and city life; globalization and the Third World.

2910 Creating the State 3 credits

This course examines the growth and the evolution of the state as both a social and philosophical construct from antiquity to the modern era.

2913 Immigration Nations: US and Israel 3 creditsA comparative survey of immigrant, ethnic, and racial experience in the 20th and 21st centuries with particular attention to patterns of similarities and differences of the diverse groups within each society.

3001 Ideas of History: Antiquity to Renaissance 3 credits
Examines a selection of historians from antiquity to the Renaissance—such as
Herodotus, Josephus, Geoffrey of Monmouth, and Machiavelli—in order to set them in
their intellectual context and to ask questions about the nature of history.
Prerequisite: HIST 1101 or permission of the instructor.

4901; 4902 Independent Study See Academic Information and Policies section.

INFORMATION AND DECISION SCIENCES (IDS)

CONCENTRATION of BUSINESS MAJOR: Sy Syms School of Business IDS 1030, 2822, 3000, 3530, 3560, and four upper level Sy Syms courses.

MINOR: For Sy Syms School of Business students
Three upper level Information and Decision Sciences courses.

MINOR: For Stern College Students

IDS 1020, two other non-IDS core courses, three upper level IDS courses.

IDS 0001 Pre-Statistics for Business 0 credit

This course provides a review of computational and problem-solving skills. Included is a presentation of a broad scope of fundamental mathematical concepts in applied mathematics relevant to accounting, finance, management, and marketing, with examples drawn from different business disciplines.

IDS 1020 Introduction to Information Systems 3 Credits

This course provides the background necessary to make decisions about computer-based information systems and to be an end-user. The course includes hands-on experience with personal computers and information systems management. Groups and individual computer assignments expose students to electronic spreadsheet analysis and database management on a personal computer. Management aspects focus on understanding computer technology, systems analysis and design, and control of

optimization, integration, and applications of these techniques as they relate to business. Part 2: Linear Regression Analysis: Topics include the simple linear regression model, inference in regression analysis, sensitivity analysis, multiple regression analysis, and introduction to time series analysis. Prerequisite: IDS 1131.

IDS 1601 Operations Management 3 Credits Introduction to the study of operations:Operations management studies the systematic planning, design, execution, control and improvement of the various procurement, production, storage, and shipping processes involved from the time a product or service is designed until its delivery totionandtemvat 0 1 90 63 esYe 1dous.098 0 Td ()dene-2(y)9(s)-6f(y)9(sjs)-2i3

IDS 2255 E-Commerce 3 Credits (Cross -listed with 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 of information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume information processing within the firm is chawitc.457 0 Td [(c)-2(o)11(m) or consume i

IDS 3560 Database Management 3 Credits

This course focuses on the analysis of the data needs on an organization and the design and development of database systems to meet those needs. Topics include but are not limited to: conceptual data modeling, normalizing of a database schema, Structured Query Language (SQL), views, stored procedures and triggers, distributed databases, data warehousing, physical database design, database transactions, backup and recovery strategies, data security and integrity and the integration of databases with software development programming languages.

Prerequisites: IDS 1020 and IDS 1030.

IDS 3600 Strategic Information Technology Management 3 Credits This course explores information technologies to enhance strategic goals of the organization. It examines the relationship between broad strategic goals and organizational mission, and specific tactical IT responses. It also considers strategic importance of ERP, CRM, corporate intelligence, and knowledge sharing. Prerequisites: IDS 1020, ACC 1001, ACC 1002, MAN 1001, MAN 1020, MAR 1001, BLW 2021/2111, IDS 1601, FIN 1001, IDS 1131.

JEWISH EDUCATION (JE DU)

MAJOR: Stern College for Women

The Jewish Education concentration is a track within the Jewish Studies major. Interested students must meet with the Program Director and be accepted into the track. 38-39 credits above the Jewish Studies requirement: 15 credits of Jewish Studies with at least 9 credits in BIBL and the remaining 6 credits in either JHIS or JPHI or JUDS; EDUC 2807; JEDU 2312 (2-3 credits), 2319;, 3215-3218, 3225, 3226: Teaching Bible (3 credits-AGS);

The following courses, which may apply toward the General Education Requirements, are also required: EDUC 2201, and an Education elective; plus PSYC 1010, 1107, 3400. Some of the above courses may be taken in the Azrieli Graduate School (AGS). Proficiency in Hebrew is required.

Details of the Jewish Education track are available from the Program Director.

A joint bachelor's-master's program in Jewish education is offered together with Azrieli Graduate School of Jewish Education and Administration. Interested students should consult the Office of the Registrar. Courses in Jewish education are not part of a program designed for the preparation of teachers in the public schools and are, therefore, not applicable to certification by the New York State Education Department.

2312 through 2320 Methods and Materials in Teaching Specific Subjects 2 -3 credits

2312 Teaching Hebrew 2- 3 credits

2314 Teaching Bible 3 credits

Yeshiva University

1231 The Apocrypha 3 credits

Survey of the Apocrypha, with intensive analysis of one or more of those books; historical and literary aspects.

1233 Early Jewish Movements 3 credits

Systematic survey of the Sadducees, Essenes, Dead Sea Sect, Sicarii, Zealots, and other movements during the period of the Second Commonwealth; their relationship to biblical, Apocryphal, and rabbinic Judaism as well as other movements, notably Christianity.

1235 The Dead Sea Scrolls 3 credits

Archaeological, historical, and literary aspects of the scrolls; their place in the development of the Hebrew language and Jewish thought.

1300 Medieval Jewish History 3 credits

The Jewish people from the Gaonic period (500 CE) to the end of the Thirty Years' War (1650).

1301; 1302 Medieval Jewish History 3 credits

The Jewish people from the Gaonic period (500 CE) to the Expulsion from Spain (1500).

1321 Jews in Medieval Christendom 3 credits

Jewish settlement in Italy and FrancoGermany; Rashi and the Tosafists; law and society; the Crusades and the origins of medieval antiSemitism; Christian Spain— disputations, conversions, and Expulsion; the Jews in the Renaissance.

1323 Origins of European Jewry 3 credits

Origins of Ashkenazic and Sephardic Jewry.

1325 Responsa Literature as a Source of Jewish History 3 credits

Social and economic life of the Jews in Germanym -30.902e21(G)-7Tc 0 s;66onomo3(hr)- (f)-7(u1(t)-7(he) G(u)1g6 A()-6(500)11()11(os)9(k54-1)-7(g[(a

1335 The Jews of Medieval Spain 3 credits

The Jews in Christian and Moslem Spain; the Golden Age; the Expulsion.

1344 Jewish Christian Polemics 3 credits

The debates between Christians and Jews in the Middle Ages based on differences in philosophy and biblical exegesis; their role in shaping and reflecting social and legal relationships.

1371; 1372 Jews in the Medieval Moslem World 3 credits

Judaism and Islam; the protected minority; Gaonate and Exilarchate; Karaism and false Messianism; Saadiah Gaon and medieval Jewish philosophy; the flowering of Jewish culture in Moslem Spain; the migration to Provence.

1400 Modern Jewish History 3 credits

One semester survey of the material covered in Modern Jewish History I; II.

1401; 1402 Modern Jewish History I; II 3 credits

Rise and flowering of the Eastern European Jewish communities; Hasidism; the Enlightenment; the Emancipation and development of Western European Jewry; American Jewry; new religious currents; modern antiSemitism and the Holocaust; Zionism and the founding of the State of Israel. First semester: 1600–1900; second semester: 1900–1948.

1403 Destruction of Polish Jewry 3 credits

Seminar analyzing the destruction of Polish Jewry during World War II.

1415; 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 Easte rn 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: JHIS 1002.

1485The Holocaust 3 credits

(same as HIST 2141.)

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

Immigration and settlements; relations with ruling powers; rise of independence. First semester: under the Turks, 1880–1918; second semester: under the British, 1919–1948.

1511; 1512 Modern Israel 3 credits

Comprehensive survey of the history of Israel from 1948 to the present; political, economic, and social developments; current problems.

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, inner-city tensions.

JEWISH PHILOSOPHY (JPHI)

MAJOR: Stern College for Women

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

1131; 1132 Introduction to Jewish Philosophy 3 credits

Philosophical foundations of Judaism; readings from classical and contemporary writers; major religious and national issues and philosophical concepts. First semester: basic beliefs; second semester: contemporary issues. For beginning, elementary, and intermediate level Jewish studies students.

1135, 1136 Survey of Jewish Philosophy 3 credits

Survey of Jewish thought on selected present day religious, moral, and ethical issues; discussion and analysis based on traditional and contemporary writings.

1203; 1204 Jewish Ethics 3 credits

The moral philosophy of Judaism; individual and social problems in light of Jewish ethical norms and values; readings from selected texts, both medieval and modern.

1214 Theories of Evil 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-6(P) 0 Tc 6.663 -106r-7(udea7.06rso-7(ex)936(s)-2(-.06rso-7(ex)936

religion, Jewish history, the people of Israel, and preeminence of the Land of Israel; HaLevi's philosophy and its relevance to contemporary Jewish life and thought. For intermediate and advanced students in Jewish studies.

1650 Philosophy of Maimonides 3 credits

Selections from the philosophical works of Maimonides: Sefer HaMada of Mishneh Torah, the Eight Chapters, the Guide for the Perplexed.

1651; 1652; 1653; 1654 Philosophy of Maimonides 3 credits More detailed studies of the material covered in JPHI 1650.

1801, 1802 Jewish Thinkers of the 18 th Century 3 credits

1803; 1804 Jewish Thinkers of the 19th Century 3 credits Leading exponents of Jewish thought in the 19th century, with emphasis on the works of Moses Mendelssohn, N. H. Wessely, S. D. Luzzatto, and S. R. Hirsch.

1813; 1814 Modern Jewish Thought 3 credits Introduction to the philosophical works of the great Jewish thinkers of the past two centuries. Selected readings.

1815; 1816 East European Jewish Thought 3 credits

Selections of representative religious thought from the writings of the Tanya, the Gaon of Vilna, R. Hayyim of Volozhin, R. Israel Salanter and the Mussar Movement, the Hazon Ish. Ray Kook.

1817; 1818 Philosophy of Zionism 3 credits

Major idea, approaches and texts during the 19th and 20th centuries.

1843; 1844 Contemporary Jewish Philosophy 3 credits

History and development of major currents in contemporary Jewish thought, including Orthodoxy, Reform, Conservatism, Reconstructionism, and neoHasidism.

1845; 1846 Philosophy of Rav Soloveitchik 2 3 credits

Readings in Rabbi J. B. Soloveitchik's writings. The lecture supplies background material and contrast in general and Jewish philosophical reflection.

1853, 1854 Modern Jewish Problems 3 credits

Basic legal concepts, attitudes, and opinions relative to contemporary society that emerge from the Talmud, Commentaries, and Responsa literature.

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1905 Philosophy of Prayer 3 credits

Analysis of the philosophy of prayer and of the Jewish prayer book.

1907, 1908 Philosophy of Biblical Laws 3 credits

Examination of classical and modern sources for their conception of selected mitzvot relative to the Halakhah, their biblical origins, and their root meanings in Jewish philosophy. For intermediate and advanced students in Jewish studies.

1917; 1918 Topics in Jewish Philosophy 3 credits

Selected topics including faith and doubt, dogma, free will, Providence, the Holocaust, State of Israel.

1921; 1922 Judaism and Culture 3 credits

Analysis of the concept of Torah im Derekh Eretz and comparison to other views on the

1201; 1202 Jewish Liturgy 3 credits
History, order, and structure of the prayer book. For intermediate students.

1203; 1204 Jewish Liturgy 3 credits Same as 1201; 1202. For advanced students.

1440 3 credits

Home and family—for intermediate-level students.

1443 2-3 credits

Home and family I (Hilkhot Niddah I); Jewish family purity sources—for upper intermediate-advanced students.

1444 2-3 credits

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

1449, 1450 3 credits

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

1451

The Sabbath—for elementary-level students.

1453, 1454

The Sabbath—for intermediate-level students.

1455; 1456; 1457; 1458; 1459; 1460 The Sabbath—for advanced students.

1461, 1462

The Festivals—for elementary-level students.

1463, 1464

The Festivals—for intermediate-level students.

1465; 1466; 1467; 1468

The Festivals—for advanced students.

1470S through 1479S Sephardic Laws and Customs

Laws and customs of major Sephardic communities as compared to those of Ashkenazic communities.

1431502016015007 Tw]TJ0h—-Origins and history of Sephardic minhagim.

1483; 1484 3 credits

The Jewish life cycle: laws and customs of major ritual observances and ceremonies in Jewish life.

1485; 1486; 1487; 1488 3 credits

Daily life in the home and synagogue: the laws and customs of Tefillin, Kriat Hatorah Betsibbur, Berakhot Rishonot, Berakhot Aharonot.

1489; 1490; 1491; 1492 3 credits

Interpersonal relationships (such as ethics, charity, slander, revenge, usury).

1493; 1494 3 credits

Ideological issues—for intermediate-level students.

1495: 1496 3 credits

Ideological issues—for advanced students.

1497; 1498 3 credits

The Land.

1499 3 credits

The structure of the Seudah.

1501; 1502; 1503; 1504 Topics in Jewish Ethics 3 credits

For advanced students.

1507; 1508 Topics in Jewish Law 3 credits

1510 Development of Jewish Law 3 credits

One-semester survey of the material covered in 1511, 1512.

1511; 1512 Development of Jewish Law 3 credits

The halakhic process and the formulation of halakhic literature: from biblical literature through the Mishnah and Talmud; codification and Responsa; survey of post-Talmudic literature.

1531; 1532; 1533; 1534 Readings in Maimonides 3 credits

Selections from the legal codes and commentaries of Maimonides; analysis of the legal methodology and philosophy of law emerging from his works. For advanced students in Jewish studies.

1561; 1562 Mishnah Berurah 3 credits

Selections from the Shulhan Arukh, with Mishnah Berurah commentary.

1571 through 1576 The Individual in Society 3 credits

Contemporary social and political problems such as ecology, poverty, welfare, and self-incrimination; emphasis on Jewish legal sources directly applicable to these issues.

Yeshiva University

1843; 1844 Intermediate Talmud 3 credits

Selected Talmudic texts with medieval and modern commentaries; emphasis on methodology. For advanced students in Jewish studies.

1845; 1846; 1847; 1848 Advanced Talmud 3— 5 credits Selected Talmudic texts with medieval and modern commentaries; emphasis on methodology; beit midrash method of small-group study supplements lectures. For advanced students in Jewish studies.

1851; 1852; 1853; 1854 Selected Rabbinic Literature 2— 3 credits Selections from fundamental rabbinic texts of the medieval and early modern periods.

1861; 1862; 1863; 1864 Modern Rabbinic Personalities 3 credits Leading rabbinic figures during the 19th and 20th centuries.

1871; 1872; 1873; 1874 Selections from Midrash 3 credits Readings from aggadic literature. For advanced students in Jewish studies.

4901, 4902 Independent Study See Academic Information and Policies section.

4930-4939 Topics in Jewi sh Law 3 credits

MANAGEMENT (MAN)

Students who wish to concentrate in Management can choose between the following two tracks:

I. Entrepeneurship Track:

CONCENTRATION of BUSINESS MAJOR: Sy Syms School of Business ENT 3720, 3780, 3786, 3796, 4931, and any four Sy Syms electives.

MINOR: Sy Syms School of Business Three upper level Entrepeneurship courses.

II. Human Resources & Organizational Studies Track: CONCENTRATION of BUSINESS MAJOR: Sy Syms School of Business MAN 2110, 2370, 2621, 3720, 4931, and any four Sy Syms electives.

MINOR: Sy Syms School of Business

Any three Management courses that are not cross-listed as ENT courses.

MINOR in Management: Stern College Students MAN 1020, BUS 1001, one other Sy Syms core course; plus MAN 2370, two additional Management courses.

MAN 2621 Applied Marketing Management Research 3 Credits (Cross-listed with ENT/MAR 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: MAR 1001 (or MAN 1020), IDS 1131.

MAN 2711 Venture Capital, Financing & Investments 3 Credits (Cross listed with FIN 2711)

Past, current and future state of venture capital. Presents the fundamentals of entrepreneurship while maintaining a strong emphasis on the current state of affairs. Active participation by guest speakers who are prospero

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behaviors of effective leaders, the use of vision, power and influence strategies, dealing with multiple stakeholders, organizational politics, and ethics.

Prerequisites: BUS 1001, MAN 1020.

MAN 3315 Social E ntrepreneurship 3 Credits (Cross-listed with ENT/MAR 3315) Social entrepreneurship is a business field in which business and nonprofit leaders design, grow, and lead mission-driven enterprises. Elements of: social science, business, law, management theory, knowledge from practice, and features of private and public entities will be discussed. Hybrid business models that serve both social needs and financial needs, and new tools for measuring social impact and change will be covered.

Prerequisite: MAR 1001, MAN 1020.

MAN 3318 Social Media Marketing 3 Credits (Cross-listed with ENT/MAR 3318) Discusses the development of a social media strategy and defines what social media is. Social media tools such as Twitter, LinkedIn, Facebook, YouTube, Yelp, Google, etc. are 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 1001.

MAN 3323 Creative Advertising 3 Credits (Cross-listed with ENT/MAR 3323) Explores the relationships between advertising, conceptual thinking, writing, teamwork and design. It utilizes all media including television, print, radio, posters, viral, digital, guerrilla and ambient. Focuses on generating engaging and effective communication and provides a glimpse into a career in advertising and its associated areas. Prerequisites: MAR 1001, MAR 3313.

MAN/ENT 3500 Fashion Fundamentals 3 Credits (Cross-listed with ENT/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/ENT 3501 Israeli Business Environment 3 Credits (Cross listed with ENT 3501) 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: BUS 1001, MAN 1020, MAR 1001.

MAN 3601 International Business 3 Credits

The environment of international business. Problems, policies, and operations of multinational corporations, with a focus on global logistics and production planning, alternative forms of ownership, and methods of control.

Yeshiva University

MAN/ENT 3796 Franchising, Licens ing, and Distributorships 3 Credits (Cross-listed with ENT/MAR 3796)

Essential elements of franchising from the viewpoint of both franchiser and franchisee. Explores franchising opportunities and their planning and implementation. Discussion of licensing and distributorship as viable business ventures.

Prerequisites: BUS 1001, MAN 1020, MAR 1001.

MAN 4001 Principles of Success 3 Credits (Cross-listed with ENT 4001) We all have different interests and goals in life. However we all share the desire to succeed in what we set ourselves to accomplish. Regardless of the path we choose to accomplish our goals, spirituality in one's pursuit of life success always plays a role. By developing critical thinking and decision making skills students learn how to make a decision in a systematic way; develop effective written and oral communication skills; and understand how to achieve success in multiple areas of life, even if such areas appear mutually exclusive.

MAN 4931 Seminar: Contemporary Problems in Business 3 Credits (Cross-listed with ENT 4931)

Today's business environment requires imaginative leadership to deal with the turbulent global marketplace. Top executives from leading multinational corporations present a general overview and discuss the corporate culture of their organizations, outline the competitive climate in their industries, and share their views of the ingredients needed to survive in today's rapidly changing economic environments. Prerequisite: Upper-class status or permission of Sy Syms Dean.

MARKETING (MAR)

CONCENTRATION of BUSINESS MAJOR: Sy Syms School of Business MAR 2501, 2621, 3313, 3341, 3720, and any four Sy Syms business electives.

MINOR: For Sy Syms School of Business students Any three upper level Marketing electives.

MINOR: For Stern College Students

MAR 1001, BUS 1001, one non-Marketing Sy Syms core course, MAR 3341, two

additional Marketing courses.

MAR 1001 Principles of Marketing

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.

MAR 2501 Buyer Behavior Presents a comprehensive, systematic, and practical conceptual framework for

MAR 2941 Sports Marketing Management (Cross-listed with ENT/MAN 2941) Provides an overview of sports marketing as a component of a fully integrated marketing communication strategy. Students study the history and contemporary application of sports marketing as a method to achieve goals. The curriculum addresses corporate as well as sporting property use of sports marketing strategies to achieve business objectives. The course examines strategies that address critical business constituencies, consumers, trade factors, employees, and the financial community. Also covered are sports marketing within the context of special sporting event sponsorships, professional sports teams as well as governing organizations, sports media (broadcast, print, and Internet), licensing, and hospitality.

Prerequisite: MAR 1001.

MAR 3313 Advertising Management

Provides students with a comprehensive framework and tools to understand the advertising process and to appreciate managerial and theoretical perspectives in advertising. It tackles the stages in developing an advertising plan- from analyzing the situation and defining clear advertising objectives to execution. Coursework involves a comprehensive group project that utilizes learning in all functional areas of advertising, while simulating the development of an advertising campaign.

Prerequisite: MAR 1001.

MAR 3315 Social Entrepreneurship (Cross -listed with ENT/MAN 3315) Social entrepreneurship is a business field in which business and nonprofit leaders design, grow, and lead mission-driven enterprises. Elements of: social science, business, law, management theory, knowledge from practice, and features of private and public entities will be discussed. Hybrid business models that serve both social needs and financial needs, and new tools for measuring social impact and change will be covered.

Prerequisites: MAR 1001, MAN 1020.

MAR 3318 Social Media Marketing (Cross-listed with ENT/MAN 3318) Discusses the development of a social media strategy and defines what social media is. Social media tools such as Twitter, LinkedIn, Facebook, YouTube, Yelp, Google, etc. are 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 1001.

MAR 3321 Brand Management

Focuses on the development of brand and marketing strategy, and the programming of the strategy and implementation of the marketing programs. It draws on the social sciences to evaluate the influence of both individual and ecological factors on market actions and brand decisions. The unifying framework for these activities is the brand audit. Thus, the course simulates the brand manager's job through the development and implementation of a companywide brand audit.

Prerequisite: MAR 1001.

MAR 3323 Creative Advertising (Cross-listed with ENT/MAN 3323) Explores the relationships between advertising, conceptual thinking, writing, teamwork and design. It utilizes all media including television, print, radio, posters, viral, digital, guerrilla and ambient. Focuses on generating engaging and effective communication and provides a glimpse into a career in advertising and its associated areas. Prerequisites: MAR 1001, MAR 3313.

MAR 3341 International Marketing

Prerequisites: MAR 1001, MAN 1020.

MATHEMATICAL SCIENCES (Computer Sciences; Mathematics)

COMPUTER SCIENCES (COMP)

MINOR: Stern College for Women

COMP 1300C, 1320C, 1504, and one additional elective in Computer Science; MATH 1412, 1413. With permission of the department, a suitable elective in mathematics may be substituted for the elective in computer science.

1300C Introduction to Computer Science and Programming 4 credits Components of a computer system; machine, assembly, and high-level languages; the JAVA programming language; numerical systems and coding; representation of data

multiprogramming. Operating system concerns for internet and intranet operations, distributed computing, and the handling of critical security issues. Prerequisites: COMP 1320C, 2113C.

3640 Programming Languages 3 credits

Formal language concepts, including basic characteristics of syntax and grammars; regular, context-free, and ambiguous grammars; constructs for specifying and manipulating data types; language features affecting static and dynamic storage management; control structures and data flow; subroutines, procedures, block structures, interrupts, decision tables, recursion; relationship with good programming style; runtime considerations; interpretative languages, lexical analysis and parsing. Prerequisites: COMP 1320C.

3760 Artificial Intelligence 3 cred its

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

Prerequisite: COMP 2545.

3772 Computer Graphics 3 credits

Software, hardware, and mathematical tools for the representation, manipulation, and display of topological and two and three-dimensional objects; display devices; problems and objectives of computer graphics; point, vector, curve, and character generation; interactive versus passive graphics; graphics data structures, graphics packages and graphics languages; two-dimensional graphics: generation, transformation, window clipping, segmented display files and display procedures; interactive graphics: input devices, input techniques, event handling, and input functions; raster graphics fundamentals; three-dimensional graphics: hidden-line problems, windowing, transfor-

1020 Introduction to Finite Mathematics 3 credits

Elements of probability, methods of counting, and combinatorics; linear equations and inequalities; analytic geometry of lines and planes; vectors and matrices; applications to social and management sciences.

Prerequisite: two years of high school mathematics.

1160 Introduction to Elementary Functions 4 credits

Number systems, functions, equations, and inequalities; algebra of polynomials, exponentials, and logarithms; analytic geometry of lines and circles; vectors, trigonometry, and complex numbers. (lecture: 3 hours; recitation: 2 hours). Prerequisites: two years of high school mathematics and placement by examination.

1412, 1413 Calculus I, II 4 credits

First semester: limits, derivatives, and integrals; continuous and differentiable functions, mean value theorem, chain rule, implicit differentiation. Applications: curve sketching, maxima and minima, related rates, motion, area. Trigonometric, inverse trigonometric, logarithmic and exponential functions. Second semester: methods of integration, area, moments, volume. Indeterminate forms, improper integrals, sequences and series.

1540, 1541 Functions of a Complex Variable I, II 3 credits

Analytic functions, CauchyRiemann equations, Cauchy integral formula, residue theory, conformal mappings.

Prerequisite: MATH 1520 or permission of the instructor.

2105 Linear Al gebra 3 credits

Systems of linear equations, Gaussian elimination, matrices, matrix algebra; vector spaces, linear transformations, similarity; inner product spaces; determinants; eigenvalues and eigenvectors, diagonalization; quadratic forms; canonical forms; spectral theory; applications.

Prerequisite: MATH 1412.

2168 Elementary Number Theory 3 credits gebr I, lheedits c c ofongebricsystona-ss

gravitational potential, method of characteristics, separation of variables, Laplace and Fourier tansforms,

Prerequisites: MATH 1510, 2601.

2651 Numerical Analysis 3 credits

Finite difference calculus; numerical solution of differential equations and linear systems of equations; iterative methods; computation of eigenvalues and eigenvectors. Advanced elective.

Prerequisite: MATH 1413.

2901 Mathematics of Finance 3 credits

Discrete models for options, pricing derivatives, continuous stock price models, Brownian motion, the Black-Scholes formula, the Black-Scholes differential equation, hedging options, dynamic programming, bond price models, yield curves, forwards and futures, Keynes interest rate parity formula,

Prerequisite: familiarity with differential equations.

3301, 3302, 3303, 3304 Topics in Modern Mathematics 3 credits.

Selected subjects in analysis, algebra, geometry, actuarial, and applied mathematics. Students may register for up to four semesters with permission of the Department Chair. Prerequisites: junior status and permission of the instructor.

MUSIC (MUSI)

MAJOR: Stern College for Women

Thirty -two credits including MUSI 1111, 1350, 1351, 2105, 2111, 2111L, 2112, 2112L, 2120. The remaining ten credits must include participation in a chamber ensemble and/or the chorus. Choral Ensemble, Chamber Ensemble and Applied Musical Studies are graded on an A/P/N basis.

MINOR: Stern College for Women

Twenty credits including MUSI 1111, 2105, 2111, 2111L, 2112, 2112L. The remaining seven credits must include at least one history course and participation in a chamber ensemble and/or the chorus.

1111 The Sense of Music 3 credits

Developing insight into the art of music through guided listening experiences that aim to develop aural perception, historical perspective, an awareness of the formal processes of music, and some critical bases for esthetic discrimination; emphasis on the cultivation of helpful listening habits. No previous training in music is required.

1341 Music of the Middle Ages and the Renaissance 3 credits

Evolution of the forms and practices of Western music during the medieval and Renaissance eras; the development of forms and practices during the Baroque era,

emphasizing the works of Machaut, Dufay, Josquin, Ockeghem, and Monteverdi. Prerequisite: MUSI 1111.

1350 Music in the Baroque and Classical Eras 3 credits The development of triadic music, tonality, and its forms in the Baroque era and continuing through the classical era. The growth of opera, concerto, fugue, sonata, and symphony; Western music from Monteverdi to Beethoven. Prerequisite: MUSI 1111.

1351 Music in the Romantic and Moder n Eras 3 credits

Musical practices in the 19th and 20th centuries, beginning with Beethoven's monumental and universal works and their influence on later generations; the increase in chromaticism through the romantic era, the breakdown of tonality, and the harmonic/contrapuntal tech [(ha4(c)-2(ont)4(r)-6(9xtnt)43 T0 Tw 37.011 0 Td ()Tj EMC /PC /Plru(;)-7(t)-m

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playing, writing and analysis of melodies, as well as to the writing and playing of simple chordal accompaniments and of four-part chorales; introduction to counterpoint. Some musical experience is desirable.

Prerequisite: MUSI 2105. Corequisites: 2111L, 2112L.

2111L, 2112L Elementary Ear Training and Keyboard Skills I, II 1 credit Laboratory course designed to help students master the skills covered in Diatonic Harmony and Counterpoint. Emphasis on the development of relative pitch memory and recognition of interval, chord, and chord inversion. Students learn sight singing from simple melodies and counterpoints, and practice elementary skills of chordal accompaniment at the keyboard.

Corequisite: MUSI 2111, 2112.

2113, 2114 Chromatic Harmony I, II 3 credits

Continuation of Diatonic Harmony and Counterpoint. Principles of chromatic voice-leading and chromatic harmony, exploring those topics through model composition and analysis. The second semester also offers an introduction to post-tonal theory and analysis.

Prerequisite: MUSI 2112.

2113L Intermediate Ear Training 1 credit

Corequisite: MUSI 2113

2120, 2121 Introduction to Composition I, II 3 credits

Basic techniques involved in writing music. Issues of musical structure and expression are explored in traditional and contemporary repertory via composition as well as the analysis of selected works.

Prerequisite: MUSI 2112 or permission of the instructor.

3301; 3302; 3303; 3304 Choral Ensemble 1 credit

Introduction to the vocal art and to the craft of ensemble singing through explorations in standard choral repertory. Primary objectives are free vocal production and attainment of a refined ensemble sound. Students will do physical and vocal exercises as well as basic work in musical notation, part-singing skills, and training of the ear for the special requirements of ensemble singing.

3461 through 3484 Instrumental Music Ensembles 1 -2 credits

Introduction to the craft and discipline of small ensemble rehearsal and performance. Emphasis placed on basic musicianship skills, including formal and rhythmic analysis, sight reading, and score reading, as well as on tonal beauty, accurate intonation, and expressivity.

Prerequisites: Ability to play a musical instrument or sing, ability to read music, and permission of the instructor.

4001 Introduction to Music Pedagogy 2- 3 credits

A survey of intermediate piano repertory and other printed and internet resources; basic vocal production and conducting, learning theory, teaching methods, organizational and

communication skills. Designed to prepare students for future work with private pupils, ensembles and general music classes.

Prerequisite: Ability to play an instrument and ability to read music, or permission of instructor.

4111; 4112; 4113; 4114 Applied Musical Studies 1- 2 credits

Vocal or instrumental work arranged by the music staff; literature, material, techniques. A maximum of nine (9) credits may be taken in such courses. Fee: minimum \$225 per semester on an individual basis, dependent on extent and nature of services provided. Prerequisite: permission of the senior professor.

4930 Selected Topics in Music 3 credits

OCCUPATIONAL THERAPY

Stern College for Women offers a B.A./M.S. combined program in occupational therapy in conjunction with Columbia University's College of Physicians and Surgeons. Three years of study at Stern College are followed by two years at Columbia University. The five-year program leads to a B.A. degree from Stern College and a master's degree from Columbia University. Yeshiva University confers the B.A. degree upon the successful completion of the fourth year of study, and Columbia University confers the master's degree upon completion of the entire program.

Pre-professional segment: The pre-professional segment of the program provides a thorough foundation in the humanities and social sciences, intensive Jewish studies, and the opportunity for in-depth study in the sciences to prepare the student for the professional component.

Required Courses

General Education Requirements: Modes of Expression: ENGL 1100, SPEE 1010; 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; and 12 credits of electives including PSYC 2414. Jewish studies: Four semesters of Core (a unit of three courses in Jewish studies at Stern College for Women, comprising 8-9 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

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.

3100 Theories of Justice 3	3 credits		

COMP 1300. Additional requirement: one semester of physics colloquium (1 credit). Exit requirement: Physics exit exam.

MINOR: Stern College for Women

19 credits. PHYS 1041C, 1042C, 1120, 1510, and one elective from PHYS 1140, 1221, 1321, 1340, 1810.

1031C, 1032C Introductory Physics 4 credits

Two-semester, algebra-based course, taken by students who intend to major in biology, chemistry, and the health professions. Topics covered: kinematics and dynamics of the particle and rigid bodies, conservation laws, momentum, energy and angular momentum, oscillations, waves, fluids, thermodynamics, optics, electromagnetism, modern physics. Laboratory experiments are designed to help students master the principles covered in lecture. (lecture: 3 hours; recitation: 1 hour; lab: 2 hours). Laboratory fee.

1041C, 1042C General Physics 5 credits

Two-semester, calculus-based course for Physics, Physical Sciences and Pre-Engineering majors. Topics covered: kinematics and dynamics of the particle and rigid bodies, conservation laws, momentum, energy and angular momentum, oscillations, waves, fluids, electromagnetism and optics. Laboratory experiments are designed to help students master the principles covered in lecture. Lecture: 4 hours; recitation: 1 hour; lab: 2 hours 45 minutes. Laboratory fee.

Prerequisite for PHYS 1041C: MATH 1412 or more advanced or instructors permission. Prerequisite or co-requisite for PHYS 1042C, MATH 1413.

1120 Introduction to Modern Physics 3 credits

Elementary aspects of special and general relativity; introduction to quantum mechanics; atomic, nuclear, and particle physics; radioactivity; astrophysics and cosmology. Prerequisites: PHYS 1042C.

1140 Mathematical Physics 3 credits

One-semester course covering the mathematical foundations of modern physics. Topics: functions of complex variables, multiple integrals, Fourier series, special

1222 Classical Mechanics II 3 credits

Lagrangian mechanics. Constraints. Variational calculus and Hamilton's equations. Rotations of rigid bodies in two and three dimensions. Eulers equations. Tensor analysis. Small coupled oscillations and normal coordinates. Classical waves: the wave equation, dispersion, interference, polarization. Fresnel and Fraunhofer diffraction. Prerequisite PHYS 1221.

1321 Electromagnetic Theory I 3 credits

Vector calculus, Maxwell's equations in integral and differential form; electrostatics, Poisson's equation; magnetostatics; time-varying fields

Prerequisites: PHYS 1042C, MATH 1510.

1322 Electromagnetic Theory II 3 credits

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1101 Introduction to American Politics (formerly POLI 1040) 1105 Issues in American Public Policy (formerly POLI 1245) 2100 The American Presidency (formerly POLI 1460) 2105 Congress and the Legislative Process (formerly POLI 1200) 2110 Public Administration and Bureaucratic Politics (formerly POLI 1900) 2115 State and Urban Politics (formerly POLI 1250 and 1260) 2120 National Institutions

- 2125 Political Parties and Interest Groups
- 2130 Public Opinion and Political Behavior
- 2135 Voting and Elections
- 2140 Law and Politics

American Politics

- 2145 American Constitutional Law (formerly POLI 1600)
- 2150 Civil Liberties (formerly POLI 1650)
- 2155 Politics of Criminal Justice
- 2156 Women and the Law
- 2160 American Social Movements
- 2165 Women and Politics
- 2170 Media and Politics (formerly POLI 1210)
- 2175 Race and Religion in American Politics
- 2180 The American Welfare State
- 2190 through 2199 Topics in American Politics
- 3110 Seminar: American Political Development
- 3115 Seminar: Dynamics of American Politics
- 3175 Seminar: American Politics
- 4100 Independent Study in American Politics

Comparative Politics

- 1201 Introduction to Comparative Politics
- 2200 Politics of Advanced Democracies
- 2201 European Political Development (formerly POLI 1310)
- 2205 African Politics
- 2210 East Asian Politics
- 2215 Latin American Politics
- 2220 Middle East Politics (formerly POLI 1340)
- 2225 Politics of Countries in Transition from Communism (formerly POLI 1370)
- 2235 Israeli Politics
- 2240 Escaping Poverty, Oppression, and Violence: Problems of Development (formerly
- 2245 Race, Nation, and Ethnicity in a Global World
- 2250 Social fro 1320) Socethnic1ssion,

1201 Introduction to Comparative Politics 3 credits

Why are some countries rich and others poor? What is the relationship between human rights and economic development? How can we explain differences and similarities in the domestic politics of countries throughout the world? These and other questions are explored through an examination of countries representative of different regions, political systems, and levels of development.

1301 Introduction to International Relations 3 credits
Nation-state system since World War I (national power, national interest, foreign policy
formulation); development of international relations from the League of Nations to the
United Nations and present regional systems; impact of modern weaponry; war and
peace; globalization and the post-cold war world order.

1305 American Foreign Policy 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 policy making; relationship between parties and pressure groups, and their separate and joint influence.

2130 Public Opinion and Political Behavior 3 credits

Methods for measuring and evaluating public opinion across a range of issues, and the role opinion plays in politics and policy making.

2135 Voting and Elections 3credits

Methods by which American elections are conducted; means of voter mobilization; explaining levels of voter participation.

2140 Law and Politics 3 credits Politics 34ele-0Tj E Tc 0[i

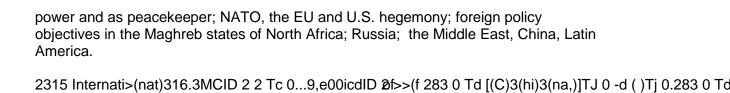
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2220 Middle East Politics 3 credits

Major issues confronting the Middle East; religion and politics; challenges to economic development and democratization.

2225 Politics of Countries in Transition from Communism 3 credits Rise and fall of the Soviet



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 Authoritarian ism 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 nationstate 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 Seminar on current issues in European politics.

3275 Seminar: Comparative Politics 3 credits Seminar on issues in comparative politics.

Prerequisites: PSYC 1100 or 1107, 2100C.

1140 Adult Development and Aging 3 credits

A multidimensional perspective on the reciprocal influences of biology and behavior, psychosocial influences, and psychological and physical functioning in the aged. Demographics of the aging population, physiological changes, theories of successful aging, social issues, life transitions, mental health and dementia, death and dying. Prerequisites: PSYC 1100 or 1107, 2100C.

1220 Psychology of Exceptional Children 3 credits

Experience and behavior of exceptional children, including the gifted as well as the intellectually, emotionally, and physically challenged.

Prerequisite: PSYC 2100C.

1224 Psychology of Learning Disabilities 3 credits

Learning problems of schoolchildren and their underlying cognitive processes. Psychological, educational, and medical aspects; diagnostic and remedial practices. Prerequisite: PSYC 2100C.

1301 Psychological Tests and Measurements 3 credits
Theory and method of measuring human behavior; construction and evaluation of tests

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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 recognition, memory, attention, and language. Some classes will be devoted to lab activities including reading an MRI, dissecting a brain, and using behavioral measures to investigate brain functioning.

Prerequisite: PSYC 2150

3820 Neuropsychology 3 credits

Clinical and research issues in neurological psychology and behavioral neurology. Topics include neuroanatomy, diagnostic measures, traumatic brain injury, stroke, memory dysfunction, and pediatric and developmental neuropsychology.

3847 Psychosocial Problems in the Organized Jewish Community 3 credits Explores the research (psychological as well as sociological, and both epidemiological and etiological) done Jewish communities and in the wider community with an eye to its applicability to the Jewish community. Topics include dropouts, drugs, spousal abuse, child abuse, and eating disorders. Research questions are formulated to guide further questioning, research, and thinking on these problems.

4920 Psychology of Aggression 3 credits

A study of normative as well as pathological manifestations of aggressive behavior, with a focus on the psychological differences between aggressive and nonaggressive individuals. An examination of factors that contribute to individuals' aggression (e.g., murder, cannibalism) as well as aggressive behavior on a group level (e.g., war, genocide).

Prerequisites: PSYC 2100C, 3800.

4930; 4931; 4932 Special Topics in Psychology 3 credits

Seminar for majors involving extensive reading, discussion of several topics, and preparation of original papers. Topics are selected from among diverse areas in psychology—including personality, developmental, social, clinical, applied, cognition, psychobiology, language, and learning— and vary from semester to semester. Prerequisite: senior status or permission of the instructor.

SEMITIC LANGUAGES (SEMI)

5111, 5112 Elementary Arabic 3 credits

Introduction to the grammar and syntax of classical and modern literary Arabic. 5121, 5122 Intermediate Arabic 3 credits.

Selections from classical texts, with continued study of elements of Arabic grammar.

5312 Biblical Aramaic 3 credits.

Linguistic analysis of the Aramaic texts in the Bible.

5331, 5332 Aramaic of the Babylonian Talmud 3 credits.

The idiom of the Talmud Bavli.

SHAPED MAJOR

Students may structure an individual major to meet specialized academic goals. Interested students should design a major with an academic adviser early in their academic career. They should submit the Shaped Major allocation chart to the Office of the Registrar for review and approval of the dean. Students wishing to undertake a combined plan in occupational therapy with Columbia University or a program in one of a variety of areas in art and fashion at the Fashion Institute of Technology should develop a Shaped Major to accommodate the special requirements of these programs.

SOCIOLOGY (SOCI)

MAJOR: Stern College for Women
Thirty credits. SOCI 1001, 1504, 1640, and an additional 21 credits in SOCI courses.
PSYC 3105 may count toward the major. STAT 1021 is highly recommended.

1205 Introduction to Anthropology 3 credits

Introduction to the reconstruction of human evolution through the study of fossils and other evidence; primate behavior and ecology in the field; the comparative study of human cultural and social variation and similarity; archaeology; anthropological linguistics. Insights promote useful social policies.

1206 Introduction to Archaeology 3 credits

An introduction to world prehistory, with an emphasis on the rise and fall of social and political complexity. Topics range from cave paintings and early farmers to the first

1236 Epidemiology 3 credits

Distribution of disease and determinants of its frequency; history of epidemiological thinking, concept of cause, sources of data, design of epidemiological studies. Prerequisite: SOCI 1001.

1283 Sociology of Education 3 credits

An exploration of the social organization of educational institutions, utilizing various sociological perspectives to offer views on equality/inequality, organization, curriculum, and achievement.

Prerequisite: SOCI 1001.

1294 Society and Populations with Special Needs 3 credits

This course focuses on the changing role of special needs populations in society. Issues covered include the history, the rights of people with disabilities, relationship of special education placement to social class and cross-cultural analysis.

1311 Urban Sociology 3 credits

Focuses on contemporary city life. Methods of studying the city, ranging from community studies to detailed observation of daily interaction; growth of the city, suburb, and metropolis; political and economic issues such as gentrification, race relations, and relationship among city, state, and federal government; critical evaluation of classical theorists; contemporary problems of the city.

images of women, Jews, and other groups; analysis of content of TV programming and production, how media influence politics and public opinion; dynamics and role of the pollster; mass media and consumerism.

Prerequisite: SOCI 1001.

2110 Demography 3 credits

Population trends in relation to resources; changes in birth and death rates; span of life and morbidity; social and other causes and effects of these changes; immigration; population policies and theories; collection, analysis, and interpretation of demographic data.

Prerequisite: SOCI 1001.

2210 The Family 3 credits

Analysis of the family in historical context: popular myths of the family; changes in gender roles and family relationships; divorce rate and the family; the idealized family. Prerequisite: SOCI 1001.

2220 Sociology of Children 3 credits

A look at changes in society's ideas about children and how these reflect social economic circumstances. The history of children in America, focusing on contemporary childhood, and an examination of the impact of social phenomena such as divorce, the media, and changing family roles.

Prerequisite: SOCI 1001.

2230 Sociology of Death and Dying 3 credits

Current knowledge on a wide variety of death-related topics: attitudes toward death; medical-care systems; grief; living wills; medical ethics; definitions of death; social psychology of aging; death in popular culture; and how life and death affect all socio-cultural processes, values, and events.

Prerequisite: SOCI 1001.

4901, 4902 Independent Study

See Academic Information and Policies section.

4925; 4926 Topics in Sociology 3 credits

Varies by semester. May include such topics as Race, Class, and Gender...

4931 Seminar in Sociology 3 credits

Seminar for majors. Extensive reading, discussion of current issues and problems in sociology, and preparation of papers.

Prerequisite: senior status.

SPANISH (SPAN)

1101-1102 Elementary Spanish 3 credits

Essentials of grammar, conversation, comprehension, reading, and translation. Spanish

and performance and auditory function. Theories of hearing, acoustics, and psychoacoustics with consideration of underlying concepts and implications to function.

3015 Introduction to Speech Science 3 credits

Acoustical components of speech and their physiological correlates; information-bearing elements in the speech signal and their acoustic/auditory perceptual processing; theories of voice production; speech spectrography and other instrumentation as analysis tools.

Prerequisites: SPAU 3001, SPAU 3112.

3024 Communication Disorders in Adults 3 credits

Language and speech disorders of adults; normal development; organic, neurological, and psychological conditions underlying disorders; diagnostic and treatment methods; field trips.

Prerequisites: SPAU 3001, SPAU 3025.

3025 Communication Disorders in Children 3 credits

Etiologies and treatment of developmental language disorders, language-learning disabilities; phonological, articulation, and motor-speech disorders; disfluency, hearing loss, syndromes (including cleft palate); association of developmental disabilities (autism, cerebral palsy, and mental retardation) with speech-language delay and disorder. Prerequisites: SPAU 3001, SPAU 3012.

3033 Audiology I 3 credits

Basic audiologic procedures, including pure tone, speech audiometry; masking; physiologic testing I—impedance/admittance, otoacoustic emission; basic etiologies and differential diagnoses for disorders of hearing; special populations including pediatric and functional testing.

Prerequisite: SPAU 3012.

3034 Audiology II 3 credits

Diagnostic aspects of audiology, stressing site-of-lesion testing, evaluation of vestibular function, advanced speech audiometry, central testing, non-organic hearing loss; evoked potential procedures, industrial audiology.

Prerequisite: SPAU 3033.

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

3331; 3332 American Sign Language I, II 2 credits

Basic instruction and practice in sign language as used by the hearing-impaired and as an augmentative system to facilitate communication for other communicatively challenged individuals.

3940 Clinical Observation in Communication Disorders 2 credits

Students observe speech and language and audiological evaluations. Therapy sessions at community speech and hearing clinics. (lecture: 1 hour; observation: 30 hours) Laboratory fee: \$75.

Prerequisites: SPAU 3024, SPAU 3033

SPEECH AND DRAMA (SPEE)

MINOR: Stern College for Women

SPEE 1010 and 12 elective credits of which no more than 2 credits may be for significant involvement in an SCW theater production. With permission of the senior professor, 6 elective relevant credits in ENGL may be used to meet the requirement.

1010 Speech Communication 3 credits

Effective informal and formal public speaking focusing on the informative and persuasive purposes. Focuses on logical organization; psychological motivation; research of topics; precise vocabulary; clear and pleasant vocal patterns; and application of sound rhetoric to the communication of ideas.

2090 Play Production 3 credits

Technical areas of play production; function of theater technicians and management; use of stage through lig

preparation and rehearsal of a theatrical production to evoke the ideas, themes, and values of the playwright; working rehearsals in class to clarify acting, stagecraft, lighting, costuming, makeup, music, and movement for the stage.

4001, 4002 Oral Interpretation of Literature 3 credits

Development of improved vocal and interpretation skills for the oral communication of literature; analysis and performance of prose, poetry, and drama selections.