



SYRACUSE UNIVERSITY

The College of Arts and Sciences

LIBERAL ARTS CORE GUIDE

2010- 2011



SYRACUSE UNIVERSITY

COLLEGE OF ARTS & SCIENCES
OFFICE OF THE DEAN

Welcome to the Liberal Arts Core!

The Liberal Arts Core is the part of your degree requirements that ensures, whatever majors you ultimately choose, you will experience a liberal education.

A liberal education:

- develops your intellectual capacities to the greatest possible extent
- helps you achieve an informed understanding of yourself
- increases your appreciation of the diverse interests, needs, and perspectives of the varied cultures of the world, and
- develops your understanding of the natural universe.

The skills and knowledge you acquire in pursuing these goals extend your intellectual reach and depth, and refine your critical abilities. In inventing your own liberal arts curriculum, you also learn to connect knowledge from disparate disciplines and learn varied methods for acquiring information. Liberally educated students with these skills and approaches meet the needs of an increasingly global society and are in high demand in the rapidly evolving e-world.

In selecting courses, you will study some subjects you expected to pursue, others that are new to you, and perhaps even some you had hoped to avoid! In making these decisions, you may have many questions. Your faculty advisor, your Freshman Forum leader, and the Dean's Office will assist you in planning a program that will work well for you. Get advice from other students, too. Seek challenges, choose difficult things to do, and strive to do them well.

Sample the rich variety of learning opportunities that the Liberal Arts Core offers you, and hold yourself to high aspirations and standards of performance. Do that, and you win. Be passive or complacent, and you lose. The stakes are high.

George M. Langford
Dean

THE LIBERAL ARTS CORE GUIDEBOOK

2010 - 2011

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LIBERAL ARTS CORE CURRICULUM
COLLEGE OF ARTS AND SCIENCES

I. LIBERAL SKILLS REQUIREMENT

Writing Skills		3 Courses (8 to 10 credits)
<p style="text-align: center;"><i>Studio 1: Practices of Academic Writing</i></p> <p style="text-align: center;">WRT 105 WRT 109</p> <p style="text-align: center;"><i>or</i></p> <p style="text-align: center;"><i>First Year Seminar</i></p> <p style="text-align: center;">CAS 100</p> <p style="text-align: center;"><i>or</i></p> <p style="text-align: center;"><i>ENL 211 Composition for Non-Native Speakers of English</i></p>	<p><i>A Writing-Intensive Course</i></p> <p>An approved course in any subject (which may simultaneously satisfy other requirements)</p>	<p style="text-align: center;"><i>Studio 2: Critical Research and Writing</i></p> <p style="text-align: center;">WRT 205 WRT 209</p> <p style="text-align: center;"><i>or</i></p> <p style="text-align: center;"><i>ENL 213 Advanced Academic Writing and Research for Non-Native Speakers of English</i></p>

and either

Language Skills	1-3 Courses
(4-12 credits)	
Up through courses numbered 201	

Or

Quantitative Skills	2 Courses
(6 to 8 credits)	
Second course may simultaneously satisfy other requirements	

II. DIVISIONAL PERSPECTIVES REQUIREMENT

Humanities	4 Courses (12 credits)
At least four courses from the list for the Division including a 2-Course Sequence	

and

Natural Sciences and Mathematics	4 Courses (12 to 16 credits)
At least four courses from the list for the Division including a 2-Course Sequence and one lab course	

and

Social Sciences	4 Courses (12 credits)
At least four courses from the list for the Division including a 2-Course Sequence	

III. CRITICAL REFLECTIONS ON ETHICAL AND SOCIAL ISSUES REQUIREMENT

Two courses approved for this purpose in any subject	(6 to 8 credits)
These courses may also satisfy Writing-Intensive, Divisional and/or Major or Minor Requirements	

THE LIBERAL ARTS CORE

A. LIBERAL ARTS EDUCATION

An education in the liberal arts should do at least two essential things:

- help students to reach a university-level mastery in the most fundamental intellectual skills needed both to explore the world and for effective communication and expression: the use of language and the use of quantitative methods.
- help students to develop broad and integrating perspectives on the world and human experience, perspectives that draw upon the best of scholarship and research from across the fields of liberal learning. This is done by introducing students to a variety of important parts of the universe of learning and helping them to draw upon and become members of the universal community of learners.

B. THE PARTS OF THE CORE

The Liberal Arts Core is a set of principles that guides students in the selection of courses and serves to define the common core of a liberal arts education at Syracuse. It was devised and adopted by the faculty of the College of Arts and Sciences to assure that each student's course of study includes the most important features of an education in the liberal arts. There are three fundamental parts to the Liberal Arts Core:

I. The Liberal Skills Requirement

II. The Divisional Perspectives Requirement

III. The Critical Reflections on Ethical and Social Issues Requirement

The **Liberal Skills Requirement** assures that each student further develops the fundamental intellectual skill of effective writing and gives the student a choice of whether to satisfy a competency requirement in quantitative skills or a second language.

The **Divisional Perspectives Requirement** introduces students to something of the great range of liberal fields of inquiry. A liberal education is essentially an education from a diversity of viewpoints. An education is not "free" if it confines students to one or two viewpoints, one field of study, or focuses narrowly on a single professional objective. The disciplines and interdisciplinary studies that constitute the universe of the liberal arts and sciences both complement and compete with each other in the effort to gain the most informed, balanced, and integrating perspectives on the world and human experience. Students need to get a sense of the range and power of liberal studies, and of the controversies and uncertainties that remain a challenge for these studies. In the course of surveying something of this range, they will also be put in a better position to make an informed choice regarding their majors and minors.

The **Critical Reflections on Ethical and Social Issues Requirement** is designed to assure that students reflect upon the relevance of the liberal arts and sciences to ethical and social issues. Every liberal field of study has great ethical and social significance. The courses that satisfy this requirement build on that fundamental fact in order to highlight that significance and to develop in students critical and self-critical intellectual habits of thought.

FIRST YEAR FORUM AND THE FIRST YEAR LECTURE

The **First Year Forum** and the **First Year Lecture** give students entering the College of Arts and Sciences an innovative, common introduction to the College and to studies in the Liberal Arts.

The **First Year Forum**, CAS 101, is a one-credit seminar required of all First Year Students who are not in the Honors Program, designed to orient students to the university and to studies in the College of Arts and Sciences. A Forum is led by a regular member of the faculty who has volunteered to lead a seminar of 15 students. Frequently the faculty member is also the student's academic advisor. Faculty members meet with their Forum once a week for the first 8 to 9 weeks of the semester for discussions that range from important intellectual issues to significant problems of adjustment to the university. The content of each Forum varies from section to section and is determined by each Forum Leader, who may involve the students in some of the choices of topics and activities. There are, however, common elements across the Forum seminars. Forum Leaders take their students to dinner and together they attend some local cultural event -- the symphony, a play, a museum exhibit. Forum sections will attend the First Year Lecture together and incorporate discussion of it in their seminar meetings. Among the major purposes of the Forum is to make sure students get to know a faculty member personally and in some context other than that of an academically specialized course. Another major purpose is to see that faculty members are getting to know first year students in a deeper way than is usually possible in regular courses. All first year students in the College are required to participate in a First Year Forum.

The **Milton First Year Lecture** was established in the College of Arts and Sciences to provide a unique focal point for the introduction of students to the College. The lectureship brings a nationally prominent speaker to campus early each fall to address the first year students of the College of Arts and Sciences at the beginning of their university studies. The lecture provides an opportunity to bring our students together to highlight the importance of their common undertaking as students in the Liberal Arts and stimulates them to academic achievement. The topic of the First Year Lecture will provide a common intellectual theme for discussion in the Forum seminars -- a theme of particular importance to students and scholars in the Liberal Arts.

DIVERSITY AND THE LIBERAL ARTS CURRICULUM

DIVERSITY is one of the University's five core values. In a college curriculum a commitment to diversity means a commitment to studies that help students to understand the variety of peoples, social groups and cultures that surround, affect, challenge and enrich them. It also seeks to help each student gain an informed and critical understanding of her or his own social and cultural background by setting it in the context of the backgrounds of others. Liberal education has always promoted the understanding of people of other kinds, times and cultures, but it is only in recent times that the full implications of that ideal have been recognized. Traditionally, a limited selection of social groups and cultures other than those dominant in a society were considered in a liberal course of study, but not a sufficiently rich array was included to allow an adequate, critical understanding of human diversity.

Several **departments** of the College have explicit missions to provide studies of women, ethnic minorities of the United States, and cultures other than those of Great Britain and Anglo-America. These departments include:

- African American Studies
- Anthropology
- Languages, Literatures and Linguistics (including Arabic, Chinese, French, German, Greek, Hebrew, Hindi, Italian, Japanese, Kiswahili, Korean, Latin, Persian, Polish, Russian, Spanish, Turkish)
- Geography
- History
- Political Science
- Religion
- Sociology
- Women's and Gender Studies

In addition to these departments, the College of Arts and Sciences is the home of several **interdisciplinary programs** offering majors or minors that bring specific focus on groups and cultures that expand our understanding of human diversity:

- Asian / Asian American
- Forensic Science
- Global Political Economy
- International Relations
- Judaic Studies
- Latino-Latin American Studies
- Lesbian, Gay, Bisexual, and Transgender Studies
- Middle Eastern Studies
- Native American Studies
- Religion and Society
- South Asian Studies

These departments and programs, along with others, offer over 50 undergraduate courses on US ethnic minorities, over 45 courses on women's issues and over 200 courses on cultures and societies outside of Great Britain and Anglo-America. We encourage students to take full advantage of this rich diversity within the curriculum.

A special feature of the Liberal Arts Core called the Critical Reflections on Ethical and Social Issues Requirement also directs students to courses in which issues and topics concerning human diversity are studied (see the section on this requirement later in this Guidebook).

SPECIAL NOTE FOR STUDENTS WITH ADVANCED PLACEMENT CREDIT

If you have received the score required on one of these C.E.E.B. Advanced Placement examinations, you will receive credit for the appropriate Syracuse University course(s) and may apply those credits earned toward completing the Liberal Arts core according to this chart.

Note: A maximum of 30 semester hours of credit may be accepted from all forms of extra-institutional and experiential learning, and examination programs (including Syracuse University Advanced Credit Examinations).

ADVANCED PLACEMENT COURSE	SCORE REQUIRED	EQUIVALENT LIBERAL ARTS CORE COURSE	No. of Credits
Art History	3	HOA 105-106 in HUMANITIES	6
Biology	4	BIO 200 ¹ and counts as a sequence in NATURAL SCIENCES AND MATHEMATICS	6
Chemistry	3	CHE 103 in NATURAL SCIENCES AND MATHEMATICS	3
English Language and Composition	3	WRT 105-205	6
English Literature and Composition	4	ETS 151 or 152 or 153 or 117 or 118 ² and WRT 105	6
Environmental Science	3	EAR 200 in NATURAL SCIENCES AND MATHEMATICS	3
Human Geography	4	GEO 105 or GEO 171 in SOCIAL SCIENCES	3
European History	4	HST 111-112 in HUMANITIES	6
United States History	4	HST 101-102 in SOCIAL SCIENCES	6
World History	4	HST 200 and counts as a sequence in SOCIAL SCIENCES	6
Economics: Microeconomics	4	ECN 101 in SOCIAL SCIENCES	3
Economics: Macroeconomics	4	ECN 102 in SOCIAL SCIENCES	3
Mathematics: Calculus AB³	3	Exemption from QUANTITATIVE SKILLS and substitute for MAT 285 in NATURAL SCIENCES AND MATHEMATICS	3
	4	Exemption from QUANTITATIVE SKILLS and substitute for MAT 285 & 286 or MAT 295 in NATURAL SCIENCES AND MATHEMATICS	6 or 4

¹ **Biology** – Students may petition to the Chair of Biology for an additional two credits of laboratory with documentation that the grade on the Advanced Placement course was an A or B. The total of eight credits of Biology with lab will substitute for BIO 121,123 & 124 in Natural Sciences and Mathematics if the course grade was an A or B.

² **English: Literature and Composition** –If you score a 4 or better on the examination in Literature and Composition, you will receive three credits for ETS 151. Should you subsequently elect to take ETS 151, you will be able to transfer the credit to one of the following: ETS 152, 153, 117 or 118. In addition you will also receive three credits for WRT 105 for a total of six credits.

³ Students cannot be awarded credit for both MAT 295 and for MAT 285-286. While MAT 295 is usually the most appropriate choice, speak to your faculty/academic advisor about which is appropriate for your program.

Mathematics: Calculus BC⁴	4	Exemption from QUANTITATIVE SKILLS and substitute for MAT 295-296 in NATURAL SCIENCES AND MATHEMATICS	8
Mathematics: Calculus AB Sub score Grade – BC Exam⁴	3	Exemption from QUANTITATIVE SKILLS and substitute for MAT 285 in NATURAL SCIENCES AND MATHEMATICS	3
	4	Exemption from QUANTITATIVE SKILLS and substitute for MAT 285 & 286 or MAT 295 in NATURAL SCIENCES AND MATHEMATICS	6 or 4
Mathematics: Level II (Exams Taken in Puerto Rico)	4	MAT 194 in QUANTITATIVE SKILLS	3
Music Theory	3	One HOM course in HUMANITIES and one ELECTIVE	6
Physics B	3	PHY 101-102 in NATURAL SCIENCES AND MATHEMATICS	8
Physics C (Mechanics)	3	Exemption from QUANTITATIVE SKILLS, and Substitute for PHY 101 or PHY 211 (221) in NATURAL SCIENCES AND MATHEMATICS	4
Physics C (Electricity and Magnetism)	3	Exemption from QUANTITATIVE SKILLS, and Substitute for PHY 102 or PHY 212 (222) in NATURAL SCIENCES AND MATHEMATICS	4
Psychology	4	PSY 205 in SOCIAL SCIENCES	3
Statistics	3	MAT 121 or 221, or STT 101 in QUANTITATIVE SKILLS	3
United States Government and Politics	3	PSC 121 in SOCIAL SCIENCES	3
Comparative Government and Politics	3	PSC 123 in SOCIAL SCIENCES	3
Languages:			
Chinese Language and Culture	3	CHI 102 in LANGUAGE SKILLS	4
	4	CHI 201 in LANGUAGE SKILLS	4
French Language	3	FRE 102 in LANGUAGE SKILLS	4
French Literature	3	FRE 102 in LANGUAGE SKILLS	4
	4	FRE 201 in LANGUAGE SKILLS	4
German Language	3	GER 102 in LANGUAGE SKILLS	4
Italian Language and Culture	3	ITA 102 in LANGUAGE SKILLS	4
Japanese Language and Culture	3	JPS 102 in LANGUAGE SKILLS	4
	4	JPS 201 in LANGUAGE SKILLS	4
Latin: Vergil	3	LAT 102 in LANGUAGE SKILLS	4
Latin: Literature	3	LAT 102 in LANGUAGE SKILLS	4
Spanish Language	3	SPA 102 in LANGUAGE SKILLS	4
Spanish Literature	3	SPA 102 in LANGUAGE SKILLS	4
	4	SPA 201 in LANGUAGE SKILLS	4

If you decide to take the equivalent Syracuse University course for which you have been awarded Advanced Placement or Transfer Credit, the AP or Transfer Credit WILL BE DELETED and you will lose the credit. If you have questions, contact your College Recorder in 329 Hall of Languages.

^{3,4} Students cannot be awarded credit for both MAT 295 and for MAT 285-286. While MAT 295 is usually the most appropriate choice, speak to your faculty/academic advisor about which is appropriate for your program.

SPECIAL NOTE FOR TRANSFER STUDENTS

Students who have attended college or a comparable institution before enrolling in Syracuse University, and students who were in an S.U. school or college that did not require the Liberal Arts Core, should make sure that their transcripts are evaluated by their College Dean's Office and that their previous work is evaluated in the context of the Liberal Arts Core.

The following applies to students in the College of Arts and Sciences and students dually enrolled in the College of Arts and Sciences and in another school or college at Syracuse University. Students in the College of Human Services and Health Professions and the School of Education should contact their Undergraduate Recorder.

In evaluating a transfer student's prior credits as they apply toward the Liberal Arts Core requirements, the College will group the transfer student's records into three categories and handle them as follows:

1. General Education Requirements Completed Elsewhere

Students transferring to Syracuse from other fully accredited liberal arts colleges, or comparable institutions, at which they completed 45 or more credits of liberal arts course work transferable to Syracuse, and at which they satisfied all lower-division requirements (sometimes called core, distribution, or general education requirements); or earned an Associate of Arts (A.A.) or Associate of Science (A.S.) degree shall be required to complete the Liberal Skills and Critical Reflections Requirements of the Liberal Arts Core. Based upon prior course work such students are required to complete at least four courses in one division and two courses in the other two divisions.

2. General Education Requirements Not Completed Elsewhere

Students transferring to the College of Arts and Sciences from another College at the University or from another institution, entering the College with sophomore or higher class standing but not having completed an A.A. or A.S. degree or the lower-division requirements of another fully accredited liberal arts college, shall be required:

- (a) to complete Liberal Skills Requirement;
- (b) to complete, through a combination of transfer credits and College courses approved for the Divisional Requirement, four courses in each of the three divisions, including course work from at least two departments in each division, and two of these courses must constitute an approved sequence
- (c) to complete or to show prior completion of at least one course that offers laboratory, or fieldwork
- (d) to complete the Critical Reflections on Ethical and Social Issues Requirement.

3. Transfers With Less Than Sophomore Standing

Students transferring to the College of Arts and Sciences with less than sophomore standing shall be required to complete all particulars of the Liberal Arts Core, or to demonstrate prior completion of equivalent courses.

Arts and Science students who have completed courses in the International Baccalaureate Program should contact the Student Records Office, regarding credit toward completing the Liberal Arts Core.

Note: Transfer credit is not accepted for Writing Intensive and Critical Reflections requirements except when defined in articulation agreements.

PART I

THE LIBERAL SKILLS REQUIREMENT

Quantitative skill and skill in the use of languages are indispensable elements in liberal and general education. The importance of these skills does not diminish after graduation. They are abilities that are in constant need throughout our lives - for professional success, for effective and informed citizenship, and to enable us to enjoy and to contribute to the cultural and intellectual riches that depend upon them.

To satisfy the Liberal Skills Requirement of the Liberal Arts Core, students are required to achieve proficiency in writing by successfully taking either WRT 105 or CAS 100; and WRT 205, and a special writing-intensive course prior to taking WRT 205.

The remainder of the requirement gives students the option of demonstrating a university-level competence in either

- a language other than English, or
- the use of quantitative methods to understand and solve problems.

SECTION A

THE WRITING SKILLS REQUIREMENT

Students satisfy the Liberal Skills Requirement in Writing by successfully completing three courses.

The first of these courses is chosen from **Writing Studio 1: Practices of Academic Writing (WRT 105)** or **First Year Seminar (CAS 100)** or **ENL 211 Composition for Non-Native Speakers of English**. During the second year, students will take the higher level **Writing Studio 2: Critical Research and Writing (WRT 205)** or **Advanced Academic Writing and Research for Non-Native Speakers of English (ENL 213)**. Before WRT 205 or ENL 213 is taken, students will take a **Writing-Intensive course** in a subject matter other than writing — a course that has been specially designed to give attention to developing writing ability while studying another subject matter. The list of approved, Writing-Intensive courses will be found in the next section.

1. WRITING COURSES

CAS 100, WRT 105 and 205 introduce students to the kinds of writing, reading, and critical thinking that are practiced in a university and expected throughout the curriculum. Students write frequently, in varied forms, for varied purposes of inquiry and instruction. Students whose native language is not English satisfy the requirement by completing ENL 211, and 213. Remedial work may be necessary for a student prior to entering ENL 207.

Students will take WRT 105 or CAS 100 in the fall or spring of their first year and WRT 205 in the spring of their sophomore year. WRT 109, CAS 100/HNR, and WRT 209 are intensive versions of the three writing courses for students in the Honors Program. ENL 211 and 213 satisfy the requirement for students whose native language is not English. Exemptions and other alternatives are listed below.

CAS 100 First Year Seminar (3 CREDITS) Interdisciplinary courses on a designated topic providing an in-depth writing experience supported by an academic context. Covers rhetorical strategies, practices, and conventions of writing in the academy, alongside critical reading and research practices.

WRT 105 Studio 1: Practices of Academic Writing (3 CREDITS) Study and practice of writing processes, including critical reading, collaboration, revision, editing, and the use of technologies. Focuses on the aims, strategies, and conventions of academic prose, especially analysis and argumentation.

WRT 205 Studio 2: Critical Research and Writing (3 CREDITS) Study and practice of critical, research-based writing, including research methods, presentation genres, source evaluation, audience analysis, and library/online research. Students complete at least one sustained research project.

WRT 109, 209 Studio 1 and 2 (HONORS) (3 CREDITS EACH) These courses are honors versions of WRT 105 and 205 for students of demonstrated exceptional ability. WRT 109 is a prerequisite for WRT 209.

ENL 211 Composition for Non-Native Speakers of English (3 CREDITS) Expository writing and reading. Students develop an awareness of the cultural and discourse expectations in written English, through reading and responding to articles on a variety of topics and writing essays of increasing complexity.

ENL 213 Advanced Academic Writing and Research for Non-Native Speakers of English (3 CREDITS) Development of critical reading and thinking skills used in scholarly research in a variety of disciplines. Students learn to summarize, synthesize, critique, and document, and use library resources effectively.

EXEMPTIONS AND ALTERNATIVES

Advanced Placement. Students who achieve a grade of 4 or 5 on their CEEB Advanced Placement Exam in *Literature and Composition* may register for WRT 205. Students who achieve a grade of 3 or higher on the CEEB Advanced Placement Exam in *Language and Composition* are not required to complete WRT 105 or WRT 205.

Project Advance. Students who have completed WRT 105 and English and Textual Studies (ETS) 141 through Syracuse University's Project Advance have earned 6 credit hours. To complete the LIBERAL SKILLS in Writing requirement, these students should take WRT 205 in their sophomore year.

Transfer Credit. Course work completed at another college or university will be evaluated in a manner consistent with information provided in the Transfer Student section of this *Guidebook* (see page 8).

2. THE WRITING INTENSIVE REQUIREMENT

Students will take a Writing-Intensive course as a prerequisite to taking WRT 205 in their fourth semester. The courses approved for satisfying this requirement are listed below. Transfer and other credit are not accepted for the Writing Intensive Requirement except when defined in articulation agreements.

AFRICAN AMERICAN STUDIES

AAS 138	Writing About Black Culture
AAS 233	The Caribbean Novel
AAS 234	African Fiction
AAS 235	African American Drama
AAS/WGS 303	Black Women Writers
AAS 305	African Orature
AAS 312	Pan Africanism
AAS 338	Creative Writing Workshop

ART AND MUSIC HISTORIES

HOA 106	Honors Arts and Ideas II	HOA 412	The Gothic Spell
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ANTHROPOLOGY

ANT/HST 145	Introduction to Historical Archaeology
ANT 185	Global Encounters: Comparing World Views & Values Cross-Culturally
ANT/ WGS 201	Transnational Feminist Studies
ANT/SAS/WGS 324	Modern South Asian Cultures
ANT/GEO/WGS 367	Gender in a Globalizing World

EARTH SCIENCES

EAR 325	Introduction to Paleobiology
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ENGLISH AND TEXTUAL STUDIES

ETS 113	Survey of British Literature, Beginnings to 1789
ETS 114	Survey of British Literature, 1789 to Present
ETS 115	Topics in British Literary History
ETS 117	Survey of American Literature, Beginnings to 1865
ETS 118	Survey of American Literature, 1865 to Present
ETS 119	Topics in US Literary History
ETS 121	Introduction to Shakespeare
ETS 142	Narratives of Culture: Introduction to Issues of Critical Reading
ETS 151	Interpretation of Poetry
ETS 152	Interpretation of Drama
ETS 153	Interpretation of Fiction
ETS 154	Interpretation of Film
ETS 181	Class and Literary Texts
ETS 182	Race and Literary Texts
ETS 184	Ethnicity and Literary Texts
ETS/WGS 192	Gender and Literary Texts
ETS 235	Classics of World Literature I
ETS 236	Classics of World Literature II

GEOGRAPHY

GEO 155 (honors only)	The Natural Environment
GEO 171	Human Geographies
GEO 219	American Diversity and Unity (Honors)
GEO 272	World Cultures
GEO 273	World Political Economy
GEO 353	Geographies of Environmental Justice
GEO/ANT/WGS 367	Gender in a Globalizing World

HISTORY

HST 101, HST 102	American History to 1865; American History Since 1865
HST 109	American Political Culture (Honors)
HST 111	Early Modern Europe, 1350-1815

HST 112	Modern Europe: Napoleon to the Present
HST/ANT 145	Introduction to Historical Archeology
HST 201	Research Seminar in History
HST 210	The Ancient World
HST 211	Medieval and Renaissance Europe
HST 212	Religion in Medieval & Reformation Europe
HST 310	Early Middle Ages
HST/MES 318	Introduction to Modern Middle East
HST/WGS 349	U.S. Women's History Since the Civil War
HST 398	Saints and Sinners in the Middle Ages
HST 399	Early Monasticism

JUDAIC STUDIES PROGRAM

JSP/LIT/REL 333	Yiddish Literature in Translation
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LITERATURE IN TRANSLATION

LIT/REL/JSP 333	Yiddish Literature in Translation
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MAXWELL SCHOOL OF CITIZENSHIP AND PUBLIC AFFAIRS

MAX 123	Critical Issues for the United States	MAX 132	Global Community
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MIDDLE EASTERN STUDIES

MES/HST 318	Introduction to Modern Middle East
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PHILOSOPHY

PHI 107	Theories of Knowledge and Reality
PHI 109	Introduction to Philosophy (Honors)
PHI 111	Plato's <i>Republic</i>
PHI 172	Making Decisions
PHI 197	Human Nature
PHI/WGS 297	Philosophy of Feminism

RELIGION

REL/SAS 123	Religious Auto/Biography	REL/LIT/JSP 333	Yiddish Literature in Translation
REL/SAS 283	India's Religious Worlds		

SOUTH ASIAN STUDIES

SAS/REL 123	Religious Auto/Biography
SAS/REL 283	India's Religious Worlds
SAS/ANT/WGS 324	Modern South Asian Cultures

SPANISH

SPA 465	Literature and Popular Culture in Latin America
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WOMEN'S AND GENDER STUDIES

WGS 101	Introduction to Women's and Gender Studies
WGS/ETS 192	Gender and Literary Texts
WGS/ANT 201	Transnational Feminist Studies
WGS/PHI 297	Philosophy of Feminism
WGS/AAS 303	Black Women Writers
WGS/ANT/SAS 324	Modern South Asian Cultures
WGS/SWK 328	Human Diversity in Social Contexts
WGS/ANT/GEO 367	Gender in a Globalizing World

OTHER SCHOOLS AND COLLEGES

SUNY COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY

CLL 390	Introduction to the Literature of Nature &	CLL 490	Literature of Nature
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COLLEGE OF HUMAN ECOLOGY	SWK/WGS 328	Human Diversity in Social Contexts
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Notes: Transfer and other credit are not accepted for the Writing Intensive Requirement. • These courses may not be used to satisfy the Writing Intensive Requirement if taken prior to Fall 1995. •

SECTION B

THE LANGUAGE SKILLS REQUIREMENT

Students satisfy the Language Skills option of the Liberal Skills Requirement by demonstrating that they have achieved a certain level of competence in a language other than English by either:

1. completing a 4-credit language course numbered 201, or a 3- or 4-credit language course numbered 202 or higher (see Advanced Language Work under Exemptions and Alternatives on page 14); or
2. satisfying one of the requirements listed on the next page under "Exemptions and Alternatives."

Beginners can complete the language requirement with a sequence of three 4-credit courses numbered 101, 102, and 201. Each of these courses includes four hours of class and two hours of independent laboratory work in a computer or audio/visual cluster weekly.

Courses numbered 101, 102, and 201 are available on a regular basis in Ancient Greek, Arabic, Bengali, Chinese, French, German, Hebrew, Hindi/Urdu, Italian, Japanese, Kiswahili, Korean, Latin, Persian, Polish, Portuguese, Russian, Spanish, Tamil and Turkish.

IN THE SEMESTER IN WHICH STUDENTS TAKE ONE OF THESE LANGUAGE COURSES THEY MAY TAKE THREE OR FOUR OTHER COURSES TO REACH A STANDARD LOAD (15-17 CREDITS).

GENERIC COURSE DESCRIPTIONS

(Catalog descriptions may vary slightly from the following, depending on the language; see entries under specific languages. The frequency of offering also may vary for different languages.)

XXX (e.g., SPA) 101 LANGUAGE I (e.g., SPANISH I) (4 credits) (only offered in the fall)

Introductory proficiency-based course that prepares students to understand, speak, read and write in culturally authentic contexts. Activities are conducted in the language (e.g., Spanish). Prerequisite: No prior experience, or admission by placement testing.

XXX 102 LANGUAGE II (4 Credits) (offered in the spring; some languages offered in the fall)

Continuing proficiency-based course that develops communicative abilities in speaking, listening, reading and writing in culturally authentic contexts. Activities are conducted in the languages. Prerequisite: Successful completion of XXX 101 or admission by placement testing.

XXX 201 LANGUAGE III (4 Credits) (offered in the spring; some languages offered in the fall)

Refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in the language. Prerequisite: Successful completion of XXX 102 or admission by placement testing.

EXEMPTIONS AND ALTERNATIVES

The following options are also available to fulfill the requirement or to receive an exemption.

Advanced Placement. Students who receive 4 credits in French or Spanish Literature by the CEEB Advanced Placement examination thereby demonstrate a competency equivalent to Syracuse University language courses numbered 201. Such students thereby satisfy the Language Skills Requirement.

Demonstrated Competence. Students who successfully complete an approved examination testing aural, reading, and composition skills meet the requirement. Petitions for an examination should be submitted to the language coordinator.

Advanced Language Work. One may be exempted from the requirement by completing with a grade of C or better any 3- or 4-credit course taught in a language other than English numbered 202 or above offered by the Department of Languages, Literatures, and Linguistics.

International Students. Students whose native language is not English may petition to have the language requirement fulfilled by their knowledge of their natural language.

Study Abroad. Programs of Syracuse University Abroad (SUA) in Chile, China, France, India, Italy, and Spain offer the same courses that are available on campus for satisfying the language requirement.

Transfer Credit. Course work completed at another college or university will be evaluated in a manner consistent with information contained in the section of this booklet addressed to Transfer Students. (See p. 8).

SECTION C

THE QUANTITATIVE SKILLS REQUIREMENT

A student may satisfy the Quantitative Skills option of the Liberal Skills Requirement by successfully completing a **First Course** and a different **Second Course** drawn from the lists below. When planning a program, be aware that many courses in the second course list have prerequisite courses. Some courses appear on both lists.

Any student who completes a calculus course numbered 284 or higher with a grade of C or better is thereby exempt from the need to take an additional course to complete the Quantitative Skills Requirement. Calculus courses numbered 285 or higher may simultaneously be used to partially satisfy the Natural Sciences and Mathematics Divisional Requirement.

Consult the course descriptions in the back of the book for information on when credit for certain mathematic courses is disallowed.

First Course:

MAT 121	Probability and Statistics for the Liberal Arts I
MAT 183	Elements of Modern Mathematics
MAT 194	Precalculus
MAT 221	Elementary Probability and Statistics I
MAT 285	Life Sciences Calculus I, <i>or</i>
MAT 295	Calculus I
STT 101	Introduction to Statistics

Second Course: (Note: Some of these courses have prerequisites)

GEO 386	Quantitative Geographical Analysis
MAT 122	Probability and Statistics for the Liberal Arts II
MAT 222	Elementary Probability and Statistics II
MAT 284	Business Calculus
MAT 285	Life Sciences Calculus I, <i>or</i>
MAT 295	Calculus I
MAT 286	Life Sciences Calculus II, <i>or</i>
MAT 296	Calculus II
MAX 201	Quantitative Methods for the Social Sciences
PSY 252	Statistical Methods II
*SWK 361	Foundations of Social Work Research

*Apply as Non-Arts & Sciences credit

Many students will satisfy the Quantitative Skills Requirement by taking a pair of statistics courses. Both MAT 121 and STT 101 provide introductions to statistics with emphasis on the analysis of real data sets. They do not assume any prerequisite mathematical preparation, although in MAT 121 it is desirable that students have a reasonable level of competence in high school. Students who complete MAT 121 may satisfy the Quantitative Skills Requirement by choosing from among MAT 122 (the continuation of MAT 121), MAX 201 (an introduction to quantitative analysis in the study of public affairs), and SWK 361 (an introduction to quantitative methods in social work). Note that MAT 121 is a prerequisite for MAT 122.

Only students who have mastered high school algebra should contemplate any of the remaining options for satisfying the quantitative skills requirement.

FOR STUDENTS NOT MAJORING IN SCIENCES The sequence MAT 221-222, Elementary Probability and Statistics, is designed for non-science majors and introduces basic concepts of probability and statistics and their applications. It is more mathematically rigorous than MAT 121-122.

FOR STUDENTS INTERESTED IN BUSINESS AND MANAGEMENT Students who are interested in business and management should consider the sequence consisting of MAT 183 and 284. This introduces both discrete and continuous mathematics, and includes such topics as vectors, matrices, linear programming, probability and basic concepts of calculus.

FOR STUDENTS WITH STRONG MATHEMATICS BACKGROUNDS Students with strong mathematics backgrounds should consider taking calculus. MAT 285 is designed for students planning to major in the social or life sciences, whereas MAT 295 is designed for engineering students and science and mathematics majors. Students with a weak background in trigonometry and analytic geometry should take one of the sequences MAT 194-285 or MAT 194-295.

EXEMPTIONS AND ALTERNATIVES

Advanced Placement. Any student who received 4-6 credits of calculus on the basis of the CEEB Advanced Placement examination satisfies the QUANTITATIVE SKILLS requirement.

Calculus. Any student who completes with a grade of C or better any one calculus course numbered 284 or above is exempt from the QUANTITATIVE SKILLS requirement.

Advanced Credit Exam. Any student receiving 3 or more credits in calculus by advanced credit exam satisfies the QUANTITATIVE SKILLS requirement.

Transfer Credit. Courses transferred to Syracuse need not be retaken for the purposes of the QUANTITATIVE SKILLS requirement. In very exceptional circumstances, e.g. courses completed at a non-accredited institution, students may petition to take a competency examination in any of the courses offered by the Mathematics Department. Students who pass such an examination are deemed to have passed the corresponding course for the purposes of the requirement. Petitions for such examinations should be submitted to the chair of the Mathematics Department.

PLACEMENT

To determine the appropriate course for you:

1. Take the Mathematics Placement Test, administered through Mail Registration and during Opening Weekend.
2. Consult the descriptions of mathematics courses and discuss your objectives with your advisor.
3. Follow the placement advice of the Mathematics Department on the basis of your placement test.

Transfer Students: If you are planning to take any mathematics course numbered 121 or above and have not been granted transfer credit for any such course, you should take the Mathematics Placement Test and consult with your advisor.

PART II

THE DIVISIONAL PERSPECTIVES REQUIREMENT

The requirement that students take four courses in each of the three curricular divisions of the College — the Humanities, Social Science and Natural Science and Mathematics divisions — is designed to promote goals fundamental to a liberal education.

- * To enable students to develop broad perspectives informed by the best of scholarship and research from across the fields of liberal inquiry.
- * To provide a critical understanding of various modes of intellectual inquiry and of how they differ, complement and compete with each other.
- * To enable students to explore the opportunities for upper division studies — including fields in which they might major or minor — so that their subsequent choices will be informed ones.

To satisfy the Divisional Perspectives Requirement:

1. A student must take **four**, 3- or 4-credit courses in each of the three curricular divisions of the College of Arts and Sciences — that is, in the Humanities, the Natural Sciences and Mathematics, and the Social Sciences divisions.
2. In each division, two of the courses must constitute an approved sequence. Courses in a sequence may be taken in either order unless one is prerequisite to the other.*
3. Of the twelve courses used to satisfy the divisional requirement, no more than three courses may be taken from a single department or program (even if the courses of the department or program are in more than one division).
4. In each division, no more than one course may be selected from schools and colleges outside the College of Arts and Sciences.
5. In the Natural Science and Mathematics Division, at least one laboratory course must be included.

* In the lists that follow, courses connected by a hyphen ("-") or otherwise stated constitute a sequence.
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SECTION A

THE HUMANITIES DIVISION

--- 4 courses needed ---

The Humanities Division encompasses the history, theory, analysis and criticism of language, literature and other texts, religion, art, and music; and the examination of fundamental questions arising in the human search for values, knowledge, purpose, and meaning. These are central concerns of the departments or programs of African American Studies; English; Languages, Literatures and Linguistics; Fine Arts; Philosophy; Religion and Women's Studies. Hence, most courses satisfying the Humanities Division requirements come from these departments and programs.

THE HUMANITIES LIST

Students must take at least four courses from the following list, including a two-course sequence (indicated by hyphens), to complete the requirement for four courses in this division. No more than three courses may be taken from a single department or program (even if the courses of the department or program are in more than one division).

AFRICAN AMERICAN STUDIES

AAS 138	Writing About Black Culture
AAS 206-207	Introduction to African American Music; Survey of African Music
AAS 231-232	African American Literature to 1900; African American Literature: 20 th and 21 st C
AAS 233-234	The Caribbean Novel; African Fiction
AAS 235	African American Drama
AAS 241/REL 281- -AAS/REL 345	African Religions: An Introduction; African American Religious History
AAS 302	Contemporary African American Theater
AAS/WGS 303	Black Women Writers
AAS 304	Workshop in African American Theater
AAS 305	African Orature
AAS 331	The African American Novel: Twentieth and Twenty-First Centuries
AAS 338	Creative Writing Workshop
AAS 361/ HOA 386	Art of the Black World
AAS/WGS 403	African/Caribbean Women Writers
AAS 408	Masters of Black Music
AAS 409	History of Jazz, 1940 to Present
AAS 433	The Harlem Renaissance: Literature and Ideology
AAS 465	The Image of Blacks in Art and Film
AAS 470	Internship in African American Studies (when appropriate, by petition)
AAS 490	Independent Study (when appropriate, by petition)
AAS 540	Seminar in African American Studies (when appropriate, by petition)
AAS/REL 543	Religious Cultures of the American South

ANTHROPOLOGY

ANT 185	Global Encounters: Comparing World Views and Values Cross Culturally
ANT/LIN 202	Languages of the World
ANT 273/REL /NAT 244	Indigenous Religions
ANT326/WGS 327	Africa Through the Novel
ANT 376	Folklore

ART AND MUSIC HISTORIES

All HOA & HOM courses.

The following are Art and Music Histories sequences:

HOA 105-106	Arts and Ideas I, II
HOM 165-166	Understanding Music I, II
HOM 195	Performance Live -and one other HOM course in the 390s or 490s (with exception of 395, 396, and 496).
HOM 285	Introduction to World Music – and one other HOM music course in the 380s or 480s.

Any two HOA or HOM courses in the 260s, 360s, and 460s.
Any two HOA or HOM courses in the 370s and 470s.

COGNITIVE SCIENCE

COG courses may be accepted by petition.

COMMUNICATION SCIENCES AND DISORDER

CSD 316 Introduction to Applied Phonetics

ENGLISH AND TEXTUAL STUDIES

All ETS courses.

A sequence can be made up of two courses chosen from any 100 level ETS course, 200 level ETS course, or the combination of ETS 242 and ETS 305

HISTORY

HST 111-112	Early Modern Europe, 1350-1815; Modern Europe: Napoleon to the Present
HST 210-211	The Ancient World; Medieval & Renaissance Europe
HST 210-212	The Ancient World; Religion in Medieval & Reformation Europe
HST 211-212	Medieval & Renaissance Europe; Religion in Medieval & Reformation Europe
HST 310	The Early Middle Ages
HST 311	Medieval Civilization
HST 312	Reformation of the Sixteenth Century
HST 320	Traditional China
HST 321	Modern China
HST 346	The Idea of Opportunity in America, 1890-1940
HST 354	Decline and Fall of the Roman Empire
HST 355	The Italian Renaissance
HST 357	Culture and Politics in Early Modern England: From Henry VIII to Elizabeth I
HST 358	Revolution and Reaction in Seventeenth Century England

HONORS

HNR 240, 340, 440 Honors Humanities Courses

HUMANITIES

All HUM courses.

JUDAIC STUDIES

All JSP courses

LANGUAGES

ARABIC All ARB courses 202 and above.

BENGALI BNG courses 202 and above.

CHINESE All CHI courses 202 and above.

FRENCH AND FRANCOPHONE STUDIES

FRE 305-FRE 306 Evolution and Revolution through the Centuries; From Romanticism to Postmodernism

FRE 315-FRE 316 French Civilization; Contemporary French Culture

All FRE courses 202 and above

GERMAN All GER courses 202 and above

GREEK All GRE courses 202 and above.

HEBREW All HEB courses 202 and above.

HINDI/URDU All HIN courses 202 and above.

ITALIAN All ITA courses 202 and above.

JAPANESE All JPS courses 202 and above

KISWAHILI All SWA courses 202 and above.

KOREAN All KOR courses 202 and above.

LATIN All LAT courses 202 and above

PERSIAN All PRS courses 202 and above.

POLISH All POL courses 202 and above

PORTUGUESE All POR courses 202 and above.

RUSSIAN

RUS/LIT 331-LIT 226 Russian Culture Through Fiction and Film; Dostoevsky and Tolstoy;
 RUS/LIT 331-LIT 227 Russian Culture Through Fiction and Film; Pasternak and Solzhenitsyn
 All RUS courses 202 and above.

SPANISH

SPA 301-321 Approaches to Reading Texts; Introduction to Spanish Literature
 SPA 301-322 Approaches to Reading Texts; Introduction to Latin American Literature
 SPA 321-322 Introduction to Spanish Literature; Introduction to Latin American Literature
 All SPA courses 202 and above.

TAMIL All TML courses 202 and above

TURKISH All TRK courses 202 and above.

LATINO-LATIN AMERICAN STUDIES

LAS 302/SPA 322 Introduction to Latin American Literature
 LAS /SPA 326 Beyond the Screen: Latin American and Spanish Film
 LAS/SPA 402 Hispanic Journalistic Practices
 LAS/PHI 425 Post-colonialism and Philosophy
 LAS/SPA 433 Business Spanish
 LAS/SPA 461 Nobel Prize Writers of the Spanish-Speaking World
 LAS/SPA 463 Contemporary Latin American Theater
 LAS/SPA 465 Literature and Popular Culture
 LAS/SPA 467 Film and Literature
 LAS/SPA 471 Contemporary Latin American Literature
 LAS/SPA/WGS 475 Women, Myth and Nation in Latin American Literature
 LAS/SPA 479 Perspectives on Mexico and Central America: Literature, Art, Film
 LAS/SPA 481 The Literature of Latinos in the United States
 LAS/SPA 489 Hispanic Caribbean Narrative
 LAS/SPA 493 Afro-Hispanic Topics in Caribbean Literature
 LAS/SPA 495 Marginal Culture in Hispanic Caribbean Literature
 LAS/SPA 497 Text and Context in Cuban Revolutionary Literature

LESBIAN, GAY, BISEXUAL AND TRANSGENDER STUDIES

QSX 112 Sexualities, Genders, Bodies

LINGUISTICS

LIN 201 The Nature and Study of Language
 -LIN/ANT 202 Languages of the World
 LIN 201-LIN 251 The Nature and Study of Language; English Words
 All LIN courses.

LITERATURE IN TRANSLATION

LIT 101-102 Introduction to Classical Literature
 LIT 101-203 Introduction to Classical Literature; Greek & Roman Epic in English Translation
 LIT 101-211 Introduction to Classical Literature; Greek & Roman Drama in English Translation
 LIT 102-203 Introduction to Classical Literature; Greek & Roman Epic in English Translation
 LIT 102-211 Introduction to Classical Literature; Greek & Roman Drama in English Translation
 LIT 203-211 Greek & Roman Epic in English Translation; Greek & Roman Drama in English Translation
 LIT 226-227 Dostoevsky and Tolstoy; Pasternak and Solzhenitsyn
 LIT 226-RUS/LIT 331 Dostoevsky and Tolstoy; Russian Culture Through Fiction and Film
 LIT 227-RUS/LIT 331 Pasternak and Solzhenitsyn; Russian Culture Through Fiction and Film
 LIT 241-242 Dante and the Medieval World; Petrarch and the Renaissance World
 All LIT courses.

MIDDLE EASTERN STUDIES

MES/LIT 336 Arabic Cultures

NATIVE AMERICAN STUDIES

NAT/REL 142 Native American Religion
 NAT/REL 244/ANT 273 Indigenous Religions
 NAT 346 /HOA 387 Native North American Art
 NAT/REL 347 Religion and the Conquest of America
 NAT/REL 348 Religion and American Consumerism

PHILOSOPHY

All PHI courses.

Any two courses chosen from among the 100-level and 200-level PHI courses constitute a sequence with the following exception: the combination of PHI 171 and PHI 172 does not constitute a sequence.

RELIGION

All REL courses.

The following constitute a sequence: any two 100 level REL courses; any 100 level REL course and any of the following 200 level (205, 206, 244, 246, 281, 283, 291, 294) courses; and any two of the following 200 level (205, 206, 244, 246, 281, 283, 291, 294) courses

SOUTH ASIAN STUDIES

SAS/REL 123	Religious Auto/Biography
SAS/REL 165	Islam
SAS/REL 185	Hinduism
SAS/REL 186	Buddhism
SAS/REL 283	India's Religious Worlds
SAS/REL 367	Islamic Arts and Aesthetics
SAS/REL/WGS 384	Goddesses, Women, and Power in Hinduism
SAS/WGS/REL 465	Gender, Politics and Islamic Societies

WOMEN'S AND GENDER STUDIES

WGS 101-WGS/PHI 297 Introduction to Women's and Gender Studies; Philosophy of Feminism

All WGS courses cross-listed with ETS, HOA, HOM, PHI, & REL in addition to the following:

WGS 301	Feminist Theories
WGS/AAS 303	Black Women Writers
WGS 310	Feminist Inquiries (when appropriate, by petition)
WGS 327/ANT 326	Africa Through the Novel
WGS /SAS/REL 384	Goddesses, Women, and Power in Hinduism
WGS 400	Selected Topics (when appropriate, by petition)
WGS/AAS 403	African/Caribbean Women Writers
WGS 410	Advanced Studies in Feminist Thought (when appropriate, by petition)
WGS /SAS/REL 465	Gender, Politics and Islamic Societies
WGS 490	Independent Study (when appropriate, by petition)

WRITING PROGRAM

WRT 114	Writing Culture
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OTHER SCHOOLS AND COLLEGES

SUNY COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY

CLL 390	Introduction to the Literature of Nature	CLL 490	Literature of Nature
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INTERDEPARTMENTAL SEQUENCES IN THE HUMANITIES

LIN 201-PHI 251	The Nature and Study of Languages; Logic
ANT 185- -WGS 101	Global Encounters: Comparing World Views and Values Cross Culturally; Introduction to Women's and Gender Studies

SECTION B

THE NATURAL SCIENCES AND MATHEMATICS DIVISION

--- 4 courses needed ---

The Natural Sciences and Mathematics Division encompasses the investigation of natural phenomena, including the development of predictive explanatory systems, and includes the study of numerical and other abstract structures and relations. These are central concerns of the departments of Biology, Chemistry, Earth Sciences (Geology), Physics, and Mathematics. Hence most courses satisfying the Natural Sciences and Mathematics Division requirements come from these departments.

THE NATURAL SCIENCES AND MATHEMATICS LIST

Students must take at least four courses from this list, including a 2-course sequence (indicated by hyphens) and a course with a laboratory (indicated by course numbers in bold print) to complete the requirement for four courses in this division. No more than three courses may be taken from a single department or program (even if the courses of the department or program are in more than one division).

ANTHROPOLOGY

ANT 131 Introduction to Biological Anthropology
ANT 431 Human Variation
ANT 432 Disease & Human Evolution
ANT 433 Human Skeletal Anatomy

ASTRONOMY

AST **101** Our Corner of the Universe
AST **104** Stars, Galaxies, and the Universe
All AST courses.
Any two 100 level or 200 level PHY or AST courses constitute a sequence.

BIOLOGY

BIO **121-123 (124)** General Biology I & II
All BIO courses.

CHEMISTRY

CHE **103-113** Chemistry in the Modern World; Forensic Science
CHE 106 (**107**)-116 (**117**) General Chemistry
CHE 109 (**129**)-119 (**139**) General Chemistry (Honors and Majors)
Credit is given for CHE 106-116 or CHE 109-119, but not for both.
All CHE courses.

COGNITIVE SCIENCE

COG courses may be accepted by petition.

COMMUNICATION SCIENCES AND DISORDERS

CSD 212 - CSD 315 Introduction to Communication Sciences and Disorders: Anatomy and Physiology of Speech and Hearing
CSD 212 - CSD 325 Introduction to Communication Sciences and Disorders: Fundamentals of Hearing Science
CSD 345 Fundamentals of Speech Science
CSD 409 Cognitive Neuroscience of Speech and Language

EARTH SCIENCES

First course in sequence:

EAR **101** Dynamic Earth *or* EAR 105 Earth Science – credit will be given for one, not both.

Second course in sequence:

EAR **102** History of Earth and Life, *or* EAR 106 Environmental Geology, *or* EAR 111 Climate Change Past and Present, *or* EAR 117 Oceanography, *or* EAR **203** Earth System Science, *or* EAR 225 Volcanoes and Earthquakes.

Courses can be taken in any order except for EAR 102, which requires a prerequisite of either EAR 101 or 105. Prospective Earth Science majors are encouraged to take the EAR 101-102 sequence.

Any of the above courses will count toward the natural sciences and mathematics divisional requirement.

GEOGRAPHY

GEO 155 - GEO 215	The Natural Environment; Global Environmental Change
GEO 155 - GEO 316	The Natural Environment; River Environments
GEO 155 - GEO 326	The Natural Environment; The Geography of Climate and Weather
GEO 482	Environmental Remote Sensing
GEO 555	Biogeography
GEO 583	Environmental Geographical Information Systems

HONORS

HNR 250, 350, 450	Honors Natural Sciences & Mathematics Courses
HNR 255, 355, 455	Topics in Science with Laboratory Component

MATHEMATICS

MAT 285-286	Life Sciences Calculus I, II
MAT 295-296	Calculus I, II
All MAT courses above 230.	

PHYSICS

PHY 101	Major Concepts of Physics I
PHY 102	Major Concepts of Physics II
PHY 211 (221)	General Physics I
PHY 212 (222)	General Physics II
All PHY courses.	
Any two 100 level or 200 level PHY or AST courses constitute a sequence.	

PSYCHOLOGY

PSY 223	Introduction to Biopsychology
PSY 323	Brain and Behavior
PSY 324	Developmental Biopsychology
PSY 334	Laboratory in Developmental Biopsychology

SCIENCE TEACHING

All SCI courses.

SCIENCE, TECHNOLOGY, AND SOCIETY

STS course may be accepted by petition.

OTHER SCHOOLS AND COLLEGES

*Apply as Non-Arts & Sciences credit

COLLEGE OF HUMAN ECOLOGY

*NSD 225 Nutrition in Health

SECTION C

THE SOCIAL SCIENCES DIVISION

--- 4 courses needed ---

The Social Sciences Division encompasses the history, theory, and investigation of societies, systems, regions, groups and individuals. These are central concerns of the departments of African American Studies, Anthropology, Economics, Geography, History, Political Science, Public Affairs, Psychology, Sociology, International Relations and Women's Studies. Hence most courses satisfying the Social Sciences Division requirements come from these departments.

THE SOCIAL SCIENCES LIST

Students must take at least four courses from the following list, including a 2-course sequence (indicated by hyphens) to complete the requirement for four courses in this division. No more than three courses may be taken from a single department or program (even if the courses of the department or program are in more than one division).

AFRICAN AMERICAN STUDIES

AAS/ANT 112-AAS 202	Introduction to African American Studies in Social Sciences; Caribbean Society Since Independence
AAS/ANT 112-AAS/SOC 254	Introduction to African American Studies in Social Sciences; Comparative Study of American Ethnic Communities
AAS/PSC 306-AAS/PSC 341	African American Politics; Politics of Africa
AAS 312	Pan Africanism
AAS/HST 332	African American History
AAS/HST 333	African American History
AAS/PSC 341	Politics of Africa
AAS 352	Research in African American Community Programs
AAS/SOC 353	Sociology of the African American Experience
AAS/HST 402	Slavery and Abolition
AAS/SOC 410	Seminar on Social Change
AAS 470	Internship in African American Studies (when appropriate, by petition)
AAS 490	Independent Study (when appropriate, by petition)
AAS 501	African American Sociological Practice, 1900-1945
AAS 512	African American Women's History
AAS 525	Research Methods in African American Studies
AAS 540	Seminar in African American Studies (when appropriate, by petition)

ANTHROPOLOGY

ANT 141-ANT/HST 145 Introduction to Archaeology and Prehistory; Introduction to Historical Archaeology
All ANT courses except ANT 131, 185, 202, 273, 326, 376, 431, 432 & 433.

COGNITIVE SCIENCE COG courses may be accepted by petition.

COMMUNICATION, SCIENCES & DISORDERS

CSD 303	Communication in the Classroom
CSD 422	Normal Development of Speech and Language
CSD 427	Articulation Disorders

ECONOMICS

ECN 101-102	Introductory Microeconomics; Introductory Macroeconomics
ECN 203-301	Economic Ideas and Issues; Intermediate Microeconomics
ECN 203-302	Economic Ideas and Issues; Intermediate Macroeconomics
ECN 203-311	Economic Ideas and Issues: Intermediate Mathematical Microeconomics
All ECN courses.	

GEOGRAPHY

GEO 103-203	America and the Global Environment; Society and the Politics of Nature
GEO 103-317	America and the Global Environment – Geography of Mountain Environments

GEO 103 -353 America and the Global Environment; Geographies of Environmental Justice
 GEO 103 - 354/ HST 384 America and the Global Environment; American Environmental History and Geography
 GEO 103 - 356 America and the Global Environment – Environmental Ideas and Policy
 GEO 105-273 World Geography; World Political Economy
 GEO 171–272 Human Geographies; World Cultures
 GEO 171–273 Human Geographies; World Political Economy
 GEO 272-273 World Cultures; World Political Economy
 All GEO courses except GEO 155, 315, 316, 326, 483, 555, & 583.

HISTORY

HST 101-102 American History to 1865; American History Since 1865
 All HST courses except HST 111, 112, 210, 211, 212, 310, 311, 312, 320, 321, 346, 354, 355, 357, & 358

HONORS

HNR 260, 360, 460 Honors Social Sciences Courses

INTERNATIONAL RELATIONS

All IRP courses

LATINO-LATIN AMERICAN STUDIES

LAS 313/HST 323 Modern Latin America
 LAS 318/ ANT 322 South American Cultures
 LAS/GEO 321 Latin American Development
 LAS/HST 322 Colonial Latin America
 LAS/GEO 323 Latino USA
 LAS/HST 324 Recent Latin American History
 LAS 329/ GEO 322 Globalization and Environment in Latin America
 LAS/PSC 333 Politics of Latin America
 LAS/PSC 358 Inter-American Relations
 LAS/HST/WGS 371 Gender in Latin American History
 LAS/HST/NAT 372 Race in Latin America

LESBIAN, GAY, BISEXUAL, TRANSGENDER STUDIES

Q SX 111 Queer Histories, Communities, and Politics

MAXWELL

MAX 123-132 Critical Issues for the United States; Global Community
- These courses constitute a sequence and may be taken in any order.
 All MAX courses except MAX 201.

MIDDLE EASTERN STUDIES

MES/HST 318 - Introduction to the Middle East; Politics of the Middle East
 MES/PSC 344
 MES/HST 319 The Middle East in the 20th Century
 MES/PSC 345 Islam and Politics in Asia
 MES/PSC 349 Politics of Iran
 MES/PSC 366 Representations of the Middle East
 MES/PSC 367 Oil, Water, and War
 MES/HST/PSC 368 Islam and the West (taught in London only)
 MES/ANT/HTW 382 Health in the Middle East
 MES/ANT/IRP 468 Middle East in Anthropological Perspective

NATIVE AMERICAN STUDIES

NAT 105 Introduction to Native American Studies
 NAT/ANT 323 Peoples and Cultures of North America
 NAT/HST/LAS 372 Race in Latin America
 NAT/SOC 441 Federal Indian Policy and Native American Identity
 NAT/SOC 444 Contemporary Native American Movements
 NAT/ANT 445 Public Policy and Archaeology
 NAT/ANT 447 Archaeology of North America

NAT/ANT 456 Representations of Indigenous Peoples in Popular Culture
NAT/ANT 459 Contemporary Native North American Issues
NAT/ANT 461 Museums and Native Americans

PUBLIC AFFAIRS

All PAF courses.

POLITICAL SCIENCE

All PSC courses

Any two of the following PSC courses constitute a sequence.

PSC 121 (129)	American National Government and Politics (or Honors)
PSC 122	American State and Local Government and Politics
PSC 123	Comparative Government and Politics
PSC 124 (139)	International Relations (or Honors)
PSC 125	Political Theory
PSC/AAS 306	African American Politics
PSC/AAS 341	Politics of Africa

PSYCHOLOGY

All PSY courses except PSY 223, 252, 323, 324, 334

PSY 205 (or 209), Foundations of Human Behavior (or Honors) and PSY 274 Social Psychology constitute a sequence.

PSY 205 (or 209) and PSY 335 or PSY 336 or PSY 337, also constitute a sequence.

SOCIOLOGY

SOC 101-102	Introduction to Sociology; Social Problems
SOC 101-SOC/WGS 248	Introduction to Sociology; Ethnic Inequalities and Intergroup Relations
SOC 101-SOC/WGS 281	Introduction to Sociology; Sociology of Families

All SOC courses.

SOCIAL SCIENCE

All SOS courses.

SOUTH ASIAN STUDIES

SAS/ANT/WGS 324	Modern South Asian Cultures
SAS/HST 328	Ancient and Medieval India
SAS/HST 329	Making of Modern India
SAS/HST 375	British Empire

WOMEN'S AND GENDERS STUDIES

All WGS courses cross-listed with ANT, ECN, GEO, HST, PSC, PSY, & SOC in addition to the following:

WGS 310	Feminist Inquiries (when appropriate, by petition)
WGS/SWK 326 -WGS/SWK 328	Persons in Social Contexts; Human Diversity in Social Contexts
WGS/CFE 362	Youth, School and Popular Culture
WGS 400	Selected Topics (when appropriate, by petition)
WGS 410	Advanced Studies in Feminist Thought (when appropriate, by petition)
WGS/CRS 414	Gender & Communication
WGS/CFE 444	Schooling & Diversity
WGS 490	Independent Study (when appropriate, by petition)

OTHER SCHOOLS AND COLLEGES

*Apply as Non-Arts & Sciences credit

SCHOOL OF EDUCATION

CFE/HST 221	Social History of American Education (Honors)
*EDU 203	Study of Elementary & Special Education Teaching
*PPE 435	Introduction to Sports Psychology
*SPE 311	Perspectives on Disabilities

MARTIN J. WHITMAN SCHOOL OF MANAGEMENT

*LPP 255	Introduction to the Legal System
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COLLEGE OF HUMAN ECOLOGY

*SWK 314-315	Social Welfare Policy and Services I, II
SWK/WGS 326 -WGS/SWK 328	Persons in Social Contexts; Human Diversity in Social Contexts

SUNY COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY

EST 390	Social Processes and the Environment
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INTERDEPARTMENTAL SEQUENCES IN THE SOCIAL SCIENCES

In addition to the departmental sequences indicated on previous pages, the following interdepartmental sequences may also be used to fulfill the requirement for a sequence in the Social Sciences.

AAS/ANT 112-AAS 202	Intro to African Amer Stud in Social Sciences; Caribbean Society Since independence
AAS/ANT 112- AAS/SOC 254	Introduction to African American Studies in Social Sciences; Comparative Study of American Ethnic Communities
ANT 111-WGS 201	Introduction to Cultural Anthropology; Transnational Feminist Studies
ANT 121-GEO 272	Peoples and Cultures of the World; World Cultures
ANT 121-WGS 201	Peoples and Cultures of the World; Transnational Feminist Studies
ANT 141-ANT/HST 145	Introduction to Archaeology and Prehistory; Introduction to Historical Archaeology
ECN 101-MAX 123	Introductory Microeconomics; Critical Issues for the United States
ECN 203-MAX 123	Economic Ideas & Issues; Critical Issues for the US
ECN 203-MAX 132	Economic Ideas & Issues; Global Community
GEO 171-MAX 132	Introduction to Human Geography; Global Community
GEO 272-MAX 132	World Cultures; Global Community
GEO 273-MAX 132	World Political Economy; Global Community
HST 101-MAX 123	American History to 1865; Critical Issues for the United States
HST 102-MAX 123	American History Since 1865; Critical Issues for the United States
HST/MES 318 – MES/PSC 344	Introduction to the Middle East: Politics of the Middle East
MES/HST 318 – MES/PSC 344	Introduction to the Middle East: Politics of the Middle East
PAF 101-ECN/WGS 258	Introduction to the Analysis of Public Policy; Poverty & Discrimination in America
PAF 101-GEO 203	An Introduction to the Analysis of Public Policy; Environmental Problems and Policy
PAF 101-MAX 123	Introduction to Analysis of Public Policy; Critical Issue for U.S.
PAF 101-PSC 121(129)	An Introto the Analysis of Public Policy; Amer Nat'l Govt and Politics (or Honors)
PAF 101-ECN 203	An Introduction to the Analysis of Public Policy; Economic Ideas and Issues
PAF 101-HST 102	An Introduction to the Analysis of Public Policy; American History Since 1865
PSC 121(129)-HST 101	American National Government & Politics (or Honors); American History to 1865
PSC 121(129)-HST 102	American National Government & Politics (or Honors); American History Since 1865
PSC 121(129)-HST 109	American National Government & Politics (or Honors); Amer. Political Culture (Honors)
PSC 121(129)-MAX 123	American National Government & Politics (or Honors); Critical Issues for the U.S.
PSC 123-ANT 121	Comparative Government and Politics; Peoples and Cultures of the World
PSC 123-GEO 105	Comparative Government and Politics; World Geography
PSC 123-GEO 272	Comparative Government and Politics; World Cultures
PSC 123-HST 316	Comparative Government and Politics; Europe Since the Second World War
PSC 123-MAX 132	Comparative Government and Politics; Global Community
PSC 124(139)-ANT 121	International Relations (or Honors); Peoples and Cultures of the World
PSC 124(139)-GEO 272	International Relations (or Honors); World Cultures
PSC 124(139)-GEO 273	International Relations (or Honors); World Political Economy
PSC 124(139)-MAX 132	International Relations (or Honors); Global Community
PSC 124(139)-WGS 201	International Relations (or Honors); Transnational Feminist Studies
PSC 125-ECN 203	Political Theory; Economic Ideas & Issues
PSC 129-GEO 219	American Natl Government & Politics (Honors); Amer. Diversity & Unity (Honors)
PSC/MES 344- HST/MES 318	Politics of the Middle East: Introduction to the Middle East:
SOC 101-AAS/ANT 112	Intro to Sociology; Introduction to African American Studies in Social Sciences
SOC 101-SOC/AAS 254	Introduction to Sociology; Comparative Study of American Ethnic Communities
SOC 101-MAX 123	Introduction to Sociology; Critical Issues for the United States
SOC 101-MAX 132	Introduction to Sociology; Global Community

PART III

THE CRITICAL REFLECTIONS ON ETHICAL AND SOCIAL ISSUES REQUIREMENT

Students are required to take two courses from the approved list that follows. These courses are designed to encourage students to think critically about social and ethical issues that are relevant to contemporary life. They are from a variety of departments and programs and will demonstrate the relevance of study in the liberal arts to gaining critical perspectives on aspects of contemporary society. Many of these courses may simultaneously be used to partially satisfy other Liberal Arts Core requirements.

Most of the courses that satisfy the Critical Reflections on Ethical and Social Issues Requirement promote the University's core value of *diversity*. They help students to reflect on the diversity of peoples, social groups and cultures that surround them in contemporary life. Many other courses in the Liberal Arts Curriculum outside those on the list of Critical Reflections courses also serve this goal.

COURSES FOR THE CRITICAL REFLECTIONS REQUIREMENT

AFRICAN AMERICAN STUDIES

AAS/ANT 112	Introduction to African American Studies in Social Sciences
AAS 202	Caribbean Society Since Independence
AAS 231	African American Literature to 1900: An Introduction
AAS 232	African American Literature: Twentieth and Twenty-First Centuries
AAS 233	The Caribbean Novel
AAS 234	African Fiction
AAS 235	African American Drama
AAS/SOC 254	Comparative Study of American Ethnic Communities
AAS/WGS 303	Black Women Writers
AAS 305	African Orature
AAS/PSC 306	African American Politics
AAS 312	Pan Africanism
AAS 331	The African American Novel: Twentieth and Twenty-First Centuries
AAS/HST 333	African American History After 19 th Century
AAS 338	Creative Writing Workshop
AAS/PSC 341	Politics of Africa
AAS/SOC 353	Sociology of the African American Experience
AAS/WGS 403	African/Caribbean Women Writers
AAS/SOC 410	Seminar on Social Change
AAS 433	The Harlem Renaissance: Literature & Ideology
AAS 501	African American Sociological Practice, 1900-1945

ANTHROPOLOGY

ANT/AAS 112	Introduction to African American Studies in Social Sciences
ANT 185	Global Encounters: Comparing World Views and Values Cross Culturally
ANT/WGS 201	Feminisms in an International Context
ANT/GEO/WGS 367	Gender in a Globalizing World
ANT 431	Human Variation
ANT/WGS 455	Culture and AIDS
ANT 477	Culture and Conflict

ART AND MUSIC HISTORIES

HOM 382	Music in Multicultural America
HOM 419	Music and the Media
HOA 360	Art and Identity
HOM 482	Rise of Global Pop
HOM/WGS 494	Music and Gender

EARTH SCIENCES

EAR 111	Climate change: Past & Future
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ECONOMICS

ECN/WGS 258	Poverty and Discrimination in America
ECN/WGS 325	Economics and Gender

ENGLISH AND TEXTUAL STUDIES

ETS 145	Reading Popular Culture
ETS 181	Class and Literary Texts
ETS 182	Race and Literary Texts
ETS 184	Ethnicity and Literary Texts
ETS/WSG 192	Gender and Literary Texts

FRENCH AND FRANCOPHONE STUDIES

FRE 407	French Libertine Fictions
FRE 409	French Culture and Revolution
FRE 412	French Women Writers
FRE 417	“Impressions d’Afrique”: Caribbean Gazes
FRE 421	Francophone African Criticism

GEOGRAPHY

GEO 171	Human Geographies
GEO 272	World Cultures
GEO 273	World Political Economy
GEO/LAS 323	Latino USA
GEO 353	Geographies of Environmental Justices
GEO 363	Cities of North America
GEO/ANT/WGS 367	Gender in a Globalizing World
GEO 372	Political Geography
GEO 440	Race and Space
GEO 558	Development and Sustainability
GEO 563	The Urban Condition

HISTORY

HST/CFE 221	Social History of American Education (Honors)
HST/MES 319	The Middle East in the Twentieth Century
HST/WGS 331	Women in American History
HST/AAS 333	African American History After 19 th Century
HST 341/PSC 329	The Modern American Presidency
HST 342/PSC 327	Modern American Political Thought
HST 347/AMS 305	20 th Century U.S. Politics Through Fiction
HST/WGS 349	U.S. Women's History Since the Civil War
HST/LAS/WGS 371	Gender in Latin America
HST/LAS/NAT 372	Race in Latin America
HST/WGS 379	Gender and Colonialism
HST 383/PSC 326	Foundations of American Political Thought

JUDAIC STUDIES PROGRAM

JSP/REL 337	Shoah: Responding to the Holocaust
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LATINO-LATIN AMERICAN STUDIES PROGRAM

LAS/GEO 323	Latino USA
LAS/ HST/ WGS 371	Gender in Latin America
LAS/SPA 463	Contemporary Latin American Theater
LAS/SPA/WGS 475	Women, Myth, Nation in Latin American Literature
LAS/SPA 481	Literature of Latinos in U.S.

LESBIAN, GAY, BISEXUAL, TRANSGENDER STUDIES

QSX 111	Queer Histories, Communities and Politics
QSX 112	Sexualities, Genders, Bodies

LINGUISTICS

LIN 201	The Nature and Study of Language
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LITERATURE IN TRANSLATION

LIT/RUS 331	Russian Culture Through Fiction and Film
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MAXWELL SCHOOL OF CITIZENSHIP AND PUBLIC AFFAIRS

MAX 123	Critical Issues for the United States
MAX 132	Global Community

MIDDLE EASTERN STUDIES

MES/HST 319	The Middle East in the Twentieth Century
MES/PSC 366	Representations of the Middle East

NATIVE AMERICAN STUDIES

NAT/REL 142	Native American Religion
NAT/REL 347	Religion and the Conquest of America
NAT/REL 348	Religion and American Consumerism
NAT /HST/LAS 372	Race in Latin America

PHILOSOPHY

PHI 171	Critical Thinking
PHI 172	Making Decisions
PHI 191	Ethics & Contemporary Issues
PHI 209	Introduction to Moral Philosophy (Honors)
PHI/WGS 297	Philosophy of Feminism
PHI 343	Philosophy of Education
PHI/PSC 363	Ethics & International Relations
PHI 411	Philosophies of Race and Identity
PHI 493	Contemporary Ethical Issues
PHI 593/REL 551	Ethics and Health Professions

POLITICAL SCIENCE

PSC/AAS 306	African American Politics
PSC 314	Public Opinion and Electoral Behavior
PSC/WGS 319	Gender and Politics
PSC 326/HST 383	Foundations of American Political Thought
PSC 327/HST 342	Modern American Political Thought
PSC 329/HST 341	The Modern American Presidency
PSC 339	Contemporary Political Transitions
PSC/AAS 341	Politics of Africa
PSC 352	International Law
PSC/PHI 363	Ethics & International Relations
PSC/MES 366	Representations of the Middle East
PSC 371	Democratic Theory and Politics
PSC/WGS 374	Law and Society

PSYCHOLOGY

PSY/WGS 329	Perspectives on Women's Health
PSY 379	The Social Psychology of Stigma

PUBLIC AFFAIRS

PAF 101	An Introduction to the Analysis of Public Policy
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RELIGION

REL/NAT 142	Native American Religion
REL 252	Religious Ethics and Social Issues
REL/SAS 283	India's Religious Worlds
REL 324	Religion and Storytelling
REL 326	Religion and Film
REL/JSP 337	Shoah: Responding to the Holocaust
REL/NAT 347	Religion and the Conquest of America
REL/NAT 348	Religion and American Consumerism
REL/WGS/SAS 384	Goddesses, Women, and Power in Hinduism
REL 395	Religions and the Natural Environment
REL 551/PHI 593	Ethics and the Health Professions

RUSSIAN

RUS/LIT 331	Russian Culture Through Fiction and Film
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SOCIOLOGY

SOC 102	Social Problems
SOC/WGS 230	Intergroup Dialogue
SOC/WGS 248	Ethnic Inequalities and Intergroup Relations
SOC/AAS 254	Comparative Study of American Ethnic Communities
SOC/WGS 281	Sociology of Families
SOC/AAS 353	Sociology of the African American Experience
SOC/AAS 410	Seminar on Social Change

SOUTH ASIAN STUDIES

SAS/REL 283	India's Religious Worlds
SAS/REL/WGS 384	Goddesses, Women, and Power in Hinduism

SPANISH

SPA 453	Spanish Literature (20 th Century)
SPA 457	Narrative in Spain after 1940
SPA/LAS 463	Contemporary Latin American Theater
SPA 465	Literature and Popular Culture in Latin America
SPA/WGS/LAS 475	Women, Myth, Nation in Latin American Literature
SPA/LAS 481	Literature of the Latinos in U.S.

WOMEN'S AND GENDER STUDIES

WGS 101	Introduction to Women's Studies
WGS/ETS 192	Gender and Literary Texts
WGS 201	Transnational Feminist Studies
WGS/SOC 230	Intergroup Dialogue
WGS/SOC 248	Ethnic Inequalities and Intergroup Relations
WGS/ECN 258	Poverty and Discrimination in America
WGS/SOC 281	Sociology of Families
WGS/PHI 297	Philosophy of Feminism
WGS/AAS 303	Black Women Writers
WGS/PSC 319	Gender and Politics
WGS/ECN 325	Economics and Gender
WGS/SWK 326	Persons in Social Context
WGS/SWK 328	Human Diversity in Social Contexts
WGS/PSY 329	Biophysical Perspectives on Women's Health
WGS/HST 331	Women in American History
WGS/HST 349	U.S. Women's History Since the Civil War
WGS 354	Gender, Militarism and War
WGS/CFE 362	Youth, Schooling & Popular Culture
WGS/ANT/GEO 367	Gender in a Globalizing World
WGS/LAS/ANT 371	Gender in Latin America
WGS/PSC 374	Law and Society
WGS/ SAS/REL 384	Goddesses, Women, and Power in Hinduism
WGS 395	Gender and Popular culture
WGS/AAS 403	African/Caribbean Women Writers
WGS/CFE 444	Schooling & Diversity
WGS 452	Feminism and Postcolonial Studies
WGS/ANT 455	Culture and Aids
WGS/LAS/SPA 475	Women, Myth, Nation in Latin American Literature
WGS/HOM 494	Music and Gender
WGS/AAS 512	African American Women's History

OTHER SCHOOLS AND COLLEGES *Apply as Non-Arts & Sciences Credit**SCHOOL OF EDUCATION**

CFE/HST 221	Social History of American Education (Honors)
*EDU 310/610	The American School
*SED 522	Study of Social Studies

COLLEGE OF HUMAN ECOLOGY

*CFS 367	Child and Family in Cross-Cultural Perspectives
*HSH 425	Ethics in the Workplace
*SWK 314	Social Welfare Policy and Services I
*SWK 315	Social Welfare Policy and Services II
SWK/WGS 326	Persons in Social Context
SWK/WGS 328	Human Diversity in Social Contexts

SCHOOL OF INFORMATION STUDIES

*IST 443	Critique of the Information Age
*IST 456	Information Policy and Decision Making

MARTIN J. WHITMAN SCHOOL OF MANAGEMENT

*LPP 467/767	Management and Ethics
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Note: Transfer and other credit are not accepted for the Critical Reflections Requirement except when defined in articulation agreements.

COURSE DESCRIPTIONS

On the following pages you will find course descriptions for the courses that may be used to satisfy the following Liberal Arts Core requirements:

- Writing Intensive Requirement
- Language Skills Requirements
- Quantitative Skills Requirements
- Lower Division Courses that meet the Divisional Perspectives Requirements
- Critical Reflections on Ethical and Social Issues Requirement

Descriptions of the upper division courses on the Divisional Perspectives List will be found in the *Undergraduate Course Catalog*.

GUIDE TO READING DESCRIPTIONS

Numbers following course titles indicate the number of credits the course carries.

The following codes are used to indicate the frequency with which the course is given:

- S** - offered every semester
- Y** - offered at least once every academic year (i.e., every fall or spring)
- E** - offered every other year, when fall semester is an even year (e.g., 2006-2007)
- O** - offered every other year, when fall semester is an odd year (e.g., 2005-2006)
- SI** - offered upon sufficient student interest
- IR** - offered irregularly

- WI** - Course on the Writing Intensive List
- CR** - Course on the Critical Reflections List

AFRICAN AMERICAN STUDIES

AAS/ANT 112 INTRODUCTION TO AFRICAN AMERICAN STUDIES IN SOCIAL SCIENCES 3 S CR

Historical and sociopolitical materials. Approaches to studying the African American experience, antecedents from African past, and special problems.

AAS 138 WRITING ABOUT BLACK CULTURE 3 S WI

Expository writing based on cogent analysis of African American literature, art, music and history idea.

AAS 202 CARIBBEAN SOCIETY SINCE INDEPENDENCE 3 Y CR

Issues of self determination and emancipation in region. From the period of the invasions of explorers after the European renaissance to the present.

AAS 206 INTRODUCTION TO AFRICAN AMERICAN MUSIC (3) Y

Introduces students to the contributions and transformations made in the music that the enslaved African brought to the western hemisphere.

AAS 207 A SURVEY OF AFRICAN MUSIC (3)Y

Survey music from Morocco to South Africa using diverse media to illuminate this vast area. The concentration will be on the lifestyle of the people who create music.

AAS 231 AFRICAN AMERICAN LITERATURE TO 1900: AN INTRODUCTION 3 Y CR

African American literature and folklore from colonial days to 1900. Autobiographies, fiction, and poetry, including works by Wheatley, Douglass, Jacobs, Brown, Webb, Hopkins, Dunbar, Chesnutt, Dubois, Johnson, Washington..

AAS 232 AFRICAN AMERICAN LITERATURE: 20TH & 21ST CENTURIES 3 Y CR

Survey of 20th and 21st Century African American literature (U.S. terrain). Emphasis on aesthetics, culture and politics of Black writers and writing: 1920's to present. Literary and cultural frameworks of analysis. Baldwin, Dandicat, Hurston, Morrison, Sanchez, Wilson and Wright.

AAS 233 THE CARIBBEAN NOVEL 3 Y WI CR

Fiction in English and translation by writers from Caribbean areas, and Brazil. Historical, social, and cultural factors. Representations and concepts of gender, home, and migration. Barrett, Conde, Hodge, James, Lamming, Marshall, Roumain.

AAS 234 AFRICAN FICTION 3 Y WI CR

Fiction in English and translation by contemporary novelists from Africa. Thematic and conceptual approaches underscore the literary force of language and creativity. Social and literary dynamics of books and related films. Achebe, Adichie, Aidoo, Ba, Dadie, Diop, Head, Ngugi, Sembene.

AAS 235 AFRICAN AMERICAN DRAMA 3 Y WI CR

African American drama from inception to present. Includes the works of playwrights such as Brown, Grimke, Hughes, Hansberry, Baldwin, Baraka, Ward, Fuller, and Wilson.

AAS 241/REL 281 AFRICAN RELIGIONS: AN INTRODUCTION 3 O

Historical and comparative study of religious practice in Africa. Diversity of "traditional" beliefs, developments in Christianity and Islam, and political significance of religious identity and practice. African influence on western religious practices.

AAS/SOC 254 COMPARATIVE STUDY OF AMERICAN ETHNIC COMMUNITIES 3 O CR

Variety of ethnic communities in American society. Comparative analysis of similarities and uniqueness. Issues of group conflict, diversity, and unity.

AAS/WGS 303 BLACK WOMEN WRITERS 3Y WI CR

Literature and scholarship by Black women writers. Analytical reading, writing and discussion of various topics, stylistic questions, strategies generated in autobiography, fiction, drama, poetry, speeches and scholarship: 1960's to present, and earlier times. Bambara, Davis, Hurston, Jones, Lorde, Morrison, Williams.

AAS 305 AFRICAN ORATURE 3 E WI CR

Theory and practice of African Orature. Exploration of ethics and aesthetics through study of main genres, selected texts, and film. Discourse on application and linkages with Caribbean and African American Orature forms.

AAS/PSC 306 AFRICAN AMERICAN POLITICS 3 Y CR

Introduction to the African American experience in the American political system, from the colonial period to the present. Organization/leadership, federal institutions/relations, sociopolitical move-ments, and electoral politics.

AAS 312 PAN AFRICANISM 3 WI CR

Impact of Pan African thought and action in the 20th century. Focus on social movements and ideas reflected in the Pan African movement in the continent and the African Diaspora.

AAS 331 THE AFRICAN AMERICAN NOVEL: TWENTIETH AND TWENTY-FIRST CENTURIES 3 Y CR

Novelists such as Hughes, Larsen, Hurston, Toomer, Wright, Baldwin, Ellison, Gaines, Morrison, Walker, Briscoe, and Clarke will be included. The place of these authors in African American fiction in particular and American fiction in general will be analyzed.

AAS/HST 333 AFRICAN AMERICAN HISTORY 3 Y CR

Charts and examines the political, economic, cultural, and social history of African Americans from the turbulent Reconstruction period following the U.S. Civil War to the present.

AAS 338 CREATIVE WRITING WORKSHOP 3 E WI CR

Poetry and prose workshop. Students exposed to techniques of craftsmanship, use of meditation to expand the visionary experience, and aesthetic sensibilities that involve African American culture. Prerequisite: permission of instructor.

AAS/PSC 341 POLITICS OF AFRICA 3 Y CR

Historical foundations of the move towards political freedom, democracy and self rule in Africa. Dynamics of the political process.

AAS/SOC 353 SOCIOLOGY OF THE AFRICAN AMERICAN EXPERIENCE 3 E CR

Theory and research of African American sociologists in the historical, social, and political context of African American experience and its reception and impact in the public policy arena.

AAS/WGS 403 AFRICAN/CARIBBEAN WOMEN WRITERS 3 CR

Comparative approaches and trans-Atlantic analysis of literature by women writers from Africa and the Caribbean. Representations and constructions of social, political, and cultural life in colonial, neo-colonial, and contemporary contexts. Writers such as Ba, Brodber, Dangaremba, Marshall, Head, Dandicat, Nwapa.

AAS/SOC 410 SEMINAR ON SOCIAL CHANGE 3 IR CR

Changes in African American communities or in the circumstances of African Americans within a particular institutional arena. Movements to promote change and obstacles to change. Substantive focus varies.

AAS 433 THE HARLEM RENAISSANCE: LITERATURE & IDEOLOGY 3 E CR

Literature, politics, and social transformations during the Harlem Renaissance and New Negro Movements. Selected writers, intellectuals and activists in relation to national and international spheres of history, creativity, influence, and experience in the U.S., Europe, African, and the Caribbean. Writers such as Ida B. Wells, DuBois, Damas, Garvey, Hughes, Nadal, West.

AAS 501 AFRICAN AMERICAN SOCIOLOGICAL PRACTICE, 1900-1945 3 IR CR

Intellectual traditions and histories of African American sociologists between 1900 and 1945. Understanding the nature of their contributions to various strands of American and Pan African social thought. Impacts on public policy.

ANTHROPOLOGY

ANT 111 INTRODUCTION TO CULTURAL ANTHROPOLOGY 3 S

Economics, politics, religion, symbolism, rites of passage, developmental cycle and expressive culture. Required for Anthropology majors.

ANT/AAS 112 INTRODUCTION TO AFRICAN AMERICAN STUDIES IN SOCIAL SCIENCES 3 S CR

Historical and sociopolitical materials. Approaches to studying the African American experience, antecedents from African past, and special problems.

ANT 121 PEOPLES AND CULTURES OF THE WORLD 3 S

Case studies of global cultural diversity. Exploration of daily life, rites of passage, marriage, family, work, politics, social life, religion, ritual, and art among foraging, agricultural, and industrial societies.

ANT 131 INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY 3 Y

Biological anthropology subfields; anthropology's relationship to history of science. Evolutionary theory, mechanisms of evolution; survey of the non-human primates; humans ancestral to modern Homo sapiens; and modern human variation. Required for Anthropology majors.

ANT 141 INTRODUCTION TO ARCHAEOLOGY AND PREHISTORY 3 Y

Survey of the prehistoric past spanning the origins of humankind through the rise of complex societies. Class activities and field trips provide a hands-on introduction to archaeological interpretation.

ANT/HST 145 INTRODUCTION TO HISTORICAL ARCHAEOLOGY 3 Y WI

Role of history and archaeology in our understanding of 17th- to 19th century Europe, Africa, and America. Historical archeology as a mechanism to critique perceptions of the past. Firsthand record of ethnic groups and cultural settings not recorded in writing.

ANT 185 GLOBAL ENCOUNTERS: COMPARING WORLD VIEWS AND VALUES CROSS-CULTURALLY 3 Y WI CR

Predominant views of reality and values in the cultures of Asia, Africa, and the Americas. Humanistic study of cultures and nature of cross-cultural understanding.

ANT/WGS 201 TRANSNATIONAL FEMINIST STUDIES 3 Y WI Comparative study of women's lives, experiences, histories, and struggles across national and regional borders. Focuses on questions of theory, methodology and politics of knowledge involved in cross-cultural feminist studies

ANT/LIN 202 LANGUAGES OF THE WORLD 3 Y Introduction to Universal Grammar. Similarities and differences in structures of human languages. Syntax and morphology. Theory development. Prereq: LIN 201 or permission of instructor.

ANT 273/REL/NAT 244 INDIGENOUS RELIGIONS 3 E
The connections between material life and religious life in cultures throughout the world. The diverse ways that various cultures inhabit their landscapes.

ANT/SAS/WGS 324 MODERN SOUTH ASIAN CULTURES 3 O WI
Societies of India, Pakistan, Bangladesh, and Sri Lanka. Social organization, economic and political structures, religions and world view, survey of languages, the arts. Transition and modernization, rural and urban problems.

ANT/GEO/WGS 367 GENDER IN A GLOBALIZING WORLD 3 IR WI CR
Economic and cultural processes of globalization as they affect different groups of men, women and households; including gender and work, gender and the media, and redefinitions of masculinity and femininity across the globe.

ANT 431 HUMAN VARIATION 3 IR CR
Genetics as applied by anthropologists to humans. Description of the genetic systems most commonly studied. Descriptions of polygenic, polymorphic variations and the methods by which they are gathered.

ANT/WGS 455/655 CULTURE AND AIDS 3 IR CR
Relationship between AIDS and cultures in which it spreads. Cultural practices and sexuality and social effects of widespread AIDS, including healthcare in Asia, Africa, Latin America, and USA. Additional work required of graduate students.

ANT 477/677 CULTURE AND CONFLICT 3 IR CR
An overview of conflict in cross-cultural perspective. Covers a variety of approaches to using cultural analysis in the study of conflict and reviews case studies of specific conflicts. Additional work required of graduate students. Prerequisite: permission of instructor.

ARABIC

ARB 101 ARABIC I 4 Y
Proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Arabic. No prior experience or admission by placement testing.

ARB 102 ARABIC II 4 Y
Continuing proficiency-based course, which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Arabic. Prereq: ARB 101 or admission by placement testing.

ARB 201 ARABIC III 4 Y
Continuing proficiency-based course, which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Arabic. Prereq: ARB 102 or admission by placement testing.

ARB 202 ARABIC IV 4 Y
Continuing proficiency-based course, which further refines and expands linguistic skills in culturally authentic contexts. Activities are conducted in Arabic. Prereq: ARB 102 or admission by placement testing.

ART AND MUSIC HISTORIES

HOA 105 ARTS AND IDEAS 3 EACH Y
The history of painting, sculpture, and architecture from ancient times through the Renaissance. The relevance of art works to the character of the societies for which they were produced.

HOA 106 ARTS AND IDEAS 3 Y
The history of painting, sculpture, and architecture in the West from the Baroque to the 20th century. Changes in the concept of art and artist under different historical conditions.

HOA 115 THE VISUAL ARTS IN NORTH AMERICA 3Y
The visual arts in North America (U.S., Canada, Mexico) from 1492 to the present, emphasizing diversity of makers and media as well as exchanges among cultural traditions.

HOM/MTC 125,126 INTRODUCTORY MUSIC THEORY 3 each Y
Elementary harmony, form and counterpoint through writing and listening. For non-majors and music theatre majors only.

HOM 165 UNDERSTANDING MUSIC I 3 Y

Elements fundamental to the understanding of music, beginning with some essential technical matters and proceeding to a consideration of musical styles throughout history. Explores tone color, notation for pitch and rhythm, harmony, and the ways music achieves coherent formal structure. A chronological survey of music in Western history, from the theoretical concepts of ancient Greece to the polyphonic ideal (Mass, motet, chanson, and madrigal in the Renaissance). HOM 165–166 are conceived as a unit to be taken sequentially over an academic year or in the summer sessions. Assumes no prior musical knowledge.

HOM 166 UNDERSTANDING MUSIC II 3 Y

The invention of music drama around 1600. A consideration of the styles of Baroque, Classic, Romantic, and twentieth century music. The distinctive cultural conditions from which musical styles sprang, and the interaction of music with literature, drama, dance, and the visual arts. Assumes no prior musical knowledge.

HOM 195 PERFORMANCE LIVE 3 Y

The art and meaning of music/dance performance through dialogue with performers in the classroom and experience of performances in local settings, emphasizing both western and non-western traditions. No musical experience necessary.

HOM 266 HISTORY OF EUROPEAN MUSIC BEFORE 1750 3 Y

European music before 1750 in the cultural and philosophical contexts. Extensive listening. Analytical focus on selected composers and works. Presupposes familiarity with musical notation, terms, and contexts. Prerequisite: HOM 165 or 166, or 265; MHL 165 or permission. Of instructor.

HOM 267 HISTORY OF EUROPEAN MUSIC FROM 1750-1945 3 Y

European music from 1750 to 1945 in its cultural and philosophical contexts. Extensive listening. Analytical focus on selected composers and works. Presupposes familiarity with musical notation, terms and concepts. Prerequisite: HOM 165 or 166, or 265 or 266; MHL 165 or 166 or 265 or 266 or permission of instructor.

HOM 268 EUROPEAN AND AMERICAN MUSIC SINCE 1945 3 Y

Major trends and figures in music in the United States and Europe since 1945. Topics include nationalism, neoclassicism, serialism, indeterminacy and minimalism. Assumes basic knowledge of music. Prerequisite: HOM165 or equivalent.

HOM 285/MHL 185 INTRODUCTION TO WORLD MUSIC 3 Y

Introduction to world music; in its social, political and cultural contexts with an emphasis on building, listening, and analytical skills. Intended primarily for Music and Music History and Culture majors.

HOM 382 MUSIC IN MULTICULTURAL AMERICA 3 IR CR

Issues, concepts and processes that have shaped ethnic musical subcultures in the U.S., with case studies such as the power-wow, gospel blues, conjunto, klezmer, and South Asian bhangra musics.

HOM 419 MUSIC AND THE MEDIA 3 O CR

The presence and dynamics of music in print; on radio, television, and film; and in cyberspace from the advent of these technologies to the present day.

HOA 360 ART AND IDENTITY 3 IR CR

Social and ethical dimension of art in our times and since the nineteenth century; art and the state, avant-garde traditions, public art battles, museum politics, representing gender, outsider art, ethnic expression.

HOM 482 THE ROOTS OF GLOBAL POP 3 IR CR

The development of world popular music throughout the 20th century in the contexts of colonization, modernization, resistance, nationalism, and globalizations. The sounds and production values of global fusions and issues of authenticity, identity, and appropriation.

HOM/WGS 494 MUSIC AND GENDER 3 E CR

The impact of gender ideology and behavior on the performing arts and role of performance in maintaining and subverting gender identities and relations.

ASTRONOMY**AST 101 OUR CORNER OF THE UNIVERSE 4 Y**

Historical and modern understanding of the nature of the solar system. Includes laboratory with observations. May be taken with AST 104 in either order, or independently. Credit may not be given for both AST 101 and AST 301

AST 104 STARS, GALAXIES, AND THE UNIVERSE 4 Y

Historical and modern understanding of the nature of the universe beyond our solar system. Elementary description of big bang cosmology and the early universe. Includes laboratory with observations. May be taken with AST 101 in either order, or independently. Credit may not be given for both AST 104 and AST 304.

BENGALI**BNG 101 BENGALI I 4 Y**

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Bengali. No prior experience or admission by placement test.

BNG 102 BENGALI II 4 Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Bengali. Preq: BNG 101 or admission by placement testing.

BNG 201 BENGALI III 4 Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Bengali. Preq: BNG 102 or admission by placement testing.

BNG 202 BENGALI IV 4 Y

Continuing proficiency-based course which further refines and expands previously acquired linguistic skills in culturally authentic contexts. Incorporates reading, discussing and analyzing texts as a basis for the expression and interpretation of meaning. Activities are conducted in Bengali. Preq: BNG 201 or admission by placement testing.

BIOLOGY

BIO 115 ECOLOGICAL PROBLEMS & SOCIETY 3 Y

Current and anticipated ecological problems of societal importance and the basic scientific principles required for informed understanding and assessment of these issues by the non-scientist.

BIO 121 GENERAL BIOLOGY I 4 Y

First course in a survey of biological concepts ranging from the molecular level to global ecology. Units include the nature of science, life chemistry, cell structure and function, photosynthesis and respiration, genetics, and evolution..

BIO 123 GENERAL BIOLOGY II 3 Y

Second course in a survey of major biological concepts ranging from the molecular level to global ecology. Units include biodiversity, plant structure and function, human and comparative animal anatomy and function, ecology, and evolution.

BIO 124 GENERAL BIOLOGY II Laboratory 1 Y

Laboratory course associated with BIO 123. Includes inquiry-based exploration and practical application of concepts discussed in BIO 123. One laboratory session per week. Co-Requisite: BIO 123

BIO 200 (6 credits)

This general, non-specific course is a substitute for the basic list sequence in the NATURAL SCIENCES AND MATHEMATICS – will not fulfill laboratory requirement.

BIO 211 INTRODUCTION TO NEUROSCIENCE 3 Y

Foundations of neurobiology beginning with cellular neurobiology, moving on to integrative systems and ending with higher brain functions. Emphasizes understanding of nervous system operation. Lectures, discussions and demonstrations. Intended for non-BEN majors. Prerequisite: High school biology and chemistry.

BIO 216 ANATOMY AND PHYSIOLOGY I 4 Y

Lecture and laboratory course relating form and function. Structure and function of tissues, bones, joints, muscle, nervous system, and special senses. Biology majors may not receive credit toward the major. Preq: BIO 121,123 or equivalent.

BIO 217 ANATOMY AND PHYSIOLOGY II 4 Y

Lecture and laboratory course, continuation of BIO 216, relating form and function. Structure and function of urinary, digestive, endocrine, reproductive, and cardiovascular systems. Biology majors may not receive credit toward the major. Preq: BIO 121,123 or equivalent.

BIO 220 BIOLOGY ABROAD 1-6 SI

Examination of specific biological problems offered in, or with a specific focus on, a particular international setting. Combination of lectures and appropriate laboratory and field exercises.

CHEMISTRY

CHE 103 CHEMISTRY IN THE MODERN WORLD 3 Y

Basic concepts and principles of chemistry. Applications of chemistry to problems in the modern world. Laboratory included. Will not satisfy prerequisite requirements for advanced courses in chemistry.

CHE 106, 116 GENERAL CHEMISTRY LECTURE 3 each Y

Fundamental principles and laws underlying chemical action, states of matter, atomic and molecular structure, chemical bonding, stoichiometry, properties of solutions, chemical equilibrium, and introductory thermodynamics. Descriptive chemistry in relation to theoretical principles.

CHE 107, 117 GENERAL CHEMISTRY LABORATORY 1 each Y

Experimental study of basic principles and techniques of chemistry. States of matter, determination of formulas and molecular weights, simple volumetric and gravimetric analysis, heats of reaction. Equilibrium, rates of reactions, and qualitative analysis.

CHE 109, 119 GENERAL CHEMISTRY (HONORS AND MAJORS) 3 EACH Y

General chemistry for students in the Honors Program, chemistry majors, and others with strong science interests. Quantitative, physical and inorganic chemistry; applications in current research.

CHE 113 FORENSIC SCIENCE 4 Y

Introduction to Forensic Science with focus upon the application of scientific methods and techniques to criminal justice and law. Methods specifically relevant to crime detection and analysis will be presented. Laboratory included. No mathematics or science prerequisite.

Note: The two-semester sequence, CHE 103 and CHE 113, includes a lab each semester and is designed for non-science majors who desire to gain an appreciation of chemistry and its impact on society.

CHE 129, 139 GENERAL CHEMISTRY LABORATORY (HONORS) 1 each Y

Introduction to chemical laboratory techniques. Preparation for individual research. Applications of modern chemical apparatus and experiments relevant to environmental chemistry.

CHE 275,325 ORGANIC CHEMISTRY LECTURES 3 each Y

Principle types of organic compounds (nomenclature, reactions, preparation, mechanisms). Prereq for CHE 275: CHE 116 or 119; for 325: CHE 275.

CHE 276,326 ORGANIC CHEMISTRY LABORATORY 2 each Y

Laboratory to accompany CHE 275 and 325 Experiments illustrate principles of organic reactions and structure discussed in lecture. Courses must be taken concurrently with CHE 275 and 325 unless permission is given by the instructor. Prereq for CHE 276: CHE 117 or 139; for CHE 326: CHE 276. Coreq for CHE 276: CHE 275; for CHE 326: CHE 325.

CHINESE**CHI 101 CHINESE I 4 Y**

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Chinese. No prior experience or admission by placement testing.

CHI 102 CHINESE II 4 Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Chinese. Prerequisite: CHI 101 or admission by placement testing.

CHI 201 CHINESE III 4 Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Chinese. Prerequisite: CHI 102 or admission by placement testing.

COMMUNICATION SCIENCES AND DISORDERS**CSD 212 INTRODUCTION TO COMMUNICATION SCIENCES AND DISORDERS 3S**

Overview of biological, psychological, and social bases of human communication. Nature of deviations from/disruptions to normal speech, language, hearing. Basic principles of diagnosis, intervention, prevention. For human service providers, helping professionals, school administrators. Cannot receive credit for both CSD 212 and CSD 303.

EARTH SCIENCES**EAR 101 DYNAMIC EARTH 4 Y**

Chemical, physical, and biological processes and principles affecting the history and development of the earth. Lectures, laboratory, and field trips. Students may not receive credit for both EAR 101 and 105.

EAR102 HISTORY OF EARTH AND LIFE 3 S

Physical and biological dimensions of Earth history. The focus is on the physical processes (largely related to plate tectonics) that have produced an ever-changing distribution of continents, oceans, shallow seas, and mountains, and on the evolution of ancient and modern organisms. Prerequisite EAR 101 or 203

EAR 105 EARTH SCIENCE 3 S

Scientific study of our planet, its history, and the processes that shape it and affect humans. Emphasis includes tectonics, continental surfaces, and climate. Lecture and recitation, no laboratory; no prerequisite. Intended for non-majors. Students may receive credit for either EAR 101 or 105 but not both.

EAR 106 ENVIRONMENTAL GEOLOGY 3 Y A

A basic introduction to the study of the earth, its internal mechanisms and the way these mechanisms affect humans. Natural hazards and the potential dangers of volcanoes, earthquakes, floods, and related events. Components of the physical environment, as related to people, and the distribution of resources, particularly energy and minerals. Prerequisite: EAR 101 or EAR 105

EAR 111 CLIMATE CHANGE – AN IMPENDING CRISIS? (3) Y

Introduction to the science of climate change from the geological record and the last century. Major drivers of global climate, measuring change, and forecasting future climate. Role of human activities in present climate.

EAR 117 OCEANOGRAPHY 3 Y

A comprehensive introduction to the geology, physics, chemistry, and biology of the world ocean and its impact on global climate and environmental concerns. Prereq: EAR 101 or 203

EAR 200 (3 credits)

This general non-specific course is a substitute for one course from the general list in NATURAL SCIENCES AND MATHEMATICS

EAR 203 EARTH SYSTEM SCIENCE 4 Y

An integrated view of interactions among earth's systems (lithosphere, biosphere, hydrosphere, atmosphere) and the timescales over which they operate. Topics covered in this course include: plate tectonics, atmospheric circulation, oceanic circulation, the greenhouse effect, the carbon cycle, the origin of the earth and life, and climate.

EAR 225 VOLCANOES AND EARTHQUAKES 3 Y

Examination of the geologic nature of volcanoes and earthquakes as they are related to plate tectonic activity in the earth. Discussion of related societal hazards. Prereq: EAR 101, 105, or an equivalent EAR course.

EAR 325 INTRODUCTION TO PALEOBIOLOGY 4 Y WI

Patterns and processes of evolution as expressed in the fossil record. Paleocology, taxonomy, and evolutionary history of major invertebrate phyla.

ECONOMICS

ECN 101 INTRODUCTORY MICROECONOMICS 3 IR

Introduction to microeconomics. Consumer demand, theory of production, markets and prices, social welfare, and related topics. Credit is given for either ECN 101 and 102 or ECN 203.

ECN 102 INTRODUCTORY MACROECONOMICS 3 IR

Introduction to concepts and methods of economic analysis. Emphasis on such macroeconomic topics as gross domestic product, unemployment, money, and theory of national income. Credit is given for either ECN 101 and 102 or ECN 203.

ECN 203 ECONOMIC IDEAS AND ISSUES 3 S

Foundation of modern Western economic thought. An introduction to microeconomics and macroeconomics. Application to current issues facing consumers, firms, and society. Credit is given for either ECN 203 or ECN 101 and 102.

ECN/WGS 258 POVERTY AND DISCRIMINATION IN AMERICA 3 IR CR

Nature and causes of inequality, poverty, and discrimination in rural and urban America. Income maintenance, employment, training, education, and other anti-poverty programs; anti-discrimination and equal opportunity policies. Students may not receive credit for both ECN/WGS 258 and ECN/WGS 358.

ECN 301 INTERMEDIATE MICROECONOMICS 3 S

Concepts and tools for the analysis of the behavior of consumers and firms, consumption decisions, market structures, and general equilibrium. Pricing, production, purchasing, and employment policies. Both ECN 301 and ECN 311 cannot be counted towards the major/minor. Credit cannot be given for ECN 301 after completing ECN 311. Prereq: ECN 203; quantitative skills requirement of the liberal arts core recommended.

ECN 302 INTERMEDIATE MACROECONOMICS 3 S

National product and income concepts, measurements, and relationships; interrelationships of the major segments of the national economy; forces affecting the general level of economic activity. Prereq: ECN 203; quantitative skills requirement of the liberal arts core recommended.

ECN 311 INTERMEDIATE MATHEMATICAL MICROECONOMICS 3 Y

This course covers the same materials as covered in ECN 301, but the presentation is more mathematical. Both ECN 301 and ECN 311 cannot be counted towards the major/minor. Credit cannot be given for ECN 301 after completing ECN 311. Prereq: ECN 203 and MAT 284 or 285 or 295; or permission of instructor.

ECN/WGS 325 ECONOMICS AND GENDER 3 Y CR

Economic issues examined within a gender sensitive context. Includes the economics of family, the economics of marriage, and labor market discrimination and segregation.

ENGLISH AND TEXTUAL STUDIES

ETS 107 LIVING WRITERS 3 S

Introduction to visiting writers and their work. Lectures and small group sections emphasize dynamic and plastic nature of writing. Opportunity to question the authors directly on content, influences, and technique.

ETS 113 SURVEY OF BRITISH LITERATURE BEGINNINGS TO 1789 3 Y WI

Survey of British Literature before 1789.

ETS 114 SURVEY OF BRITISH LITERATURE 1789 TO PRESENT 3 Y WI

Survey of British Literature after 1789.

ETS 115 TOPICS IN BRITISH LITERARY HISTORY 3 Y WI

Literary and cultural texts from Great Britain and the Commonwealth studied in the context of British history, culture, and politics. Readings may be focused by historical or thematic issues.

ETS 117 SURVEY OF AMERICAN LITERATURE BEGINNING TO 1865 3 Y WI

American writing before 1865, mainly from the United States.

ETS 118 SURVEY OF AMERICAN LITERATURE, 1865 TO PRESENT 3 Y WI

American writing since 1865, mainly from the United States.

ETS 119 TOPICS IN US LITERARY HISTORY 3 Y WI

United States literary and cultural texts studied in the context of American history, culture, and politics. Readings may be focused by historical period or thematic issues.

ETS 121 INTRODUCTION TO SHAKESPEARE 3 Y WI

Selected plays of Shakespeare read in conjunction with performances on video and DVD.

ETS 142 NARRATIVES OF CULTURE: INTRODUCTION TO ISSUES OF CRITICAL READING 3 IR WI

Exploration of complexities of contemporary reading and interpretation of varied texts of culture. Concepts such as authorship, the book, readers, textuality, and contexts.

ETS 145 READING POPULAR CULTURE 3 S CR

Semiotic analysis of American culture and its artifacts. Topics of analysis may include consumerism, advertising, film, music, TV, video, language, gender/race/class, mythic characters, cultural outlaws, virtual culture.

ETS 151 INTERPRETATION OF POETRY 3 S WI

Critical study of poetry from various historical periods. Formal, theoretical, and interpretive issues are discussed.

ETS 152 INTERPRETATION OF DRAMA 3 S WI

Critical study of drama from various historical periods. Formal, theoretical, and interpretive issues are discussed.

ETS 153 INTERPRETATION OF FICTION 3 S WI

Critical study of fiction from more than one historical period. Formal, theoretical, and interpretive issues.

ETS 154 INTERPRETATION OF FILM 3 S WI

Critical study of film from various historical periods. Formal, theoretical, and interpretive issues.

ETS 181 CLASS AND LITERARY TEXTS 3 Y WI,CR

Construction and representation of "class," especially as it affects the production and reception of literary and other cultural texts.

ETS 182 RACE AND LITERARY TEXTS 3 Y WI, CR

Construction and representation of "race," especially as it affects the production and reception of literary and other cultural texts.

ETS 184 ETHNICITY AND LITERARY TEXTS 3 Y WI, CR

Ethnicity in literary and theoretical texts. Emphasizing conceptual paradigms, social issues, and aesthetic considerations in the practice of reading texts from ethnically differentiated literary traditions.

ETS/WGS 192 GENDER AND LITERARY TEXTS 3 S WI,CR

Construction and representation of "gender," especially as it affects the production and reception of literary and other cultural texts.

ETS 200 SELECTED TOPICS IN ENGLISH 1-3 IR

Exploration of a topic not covered by the standard curriculum but of interest to faculty and students in a particular semester.

ETS 215 INTRODUCTORY POETRY WORKSHOP 3 S

Practice in writing poetry.

ETS 217 INTRODUCTORY FICTION WORKSHOP 3 S

Practice in writing fiction.

ETS 230 ETHNIC LITERARY TRADITIONS 3 IR

Studies in an ethnic literary tradition such as Latino, Irish, or Judaic literature. May be repeated for credit when topics vary.

ETS 235 CLASSICS OF WORLD LITERATURE I 3 IR, WI

Readings from ancient Mesopotamia, Egypt, China, India, Greece, Israel, Rome, and Arabia investigate notions of literary merit, and their social, religious, and political ramifications in relations to historical context (ca. 2500 BCE-1000 CE).

ETS 236 CLASSICS OF WORLD LITERATURE II 3 IR, WI

Readings from great women writers of Japan; and from Dante, Cervantes, and Shakespeare, and from world oral and written traditions that investigate notions of literary merit and their ramifications in historical context (ca. 1000 CE-present).

ETS 242 READING AND INTERPRETATION 3 S

Introduction to questions of textuality and representation, making use of some theoretical material. Multiple ways of reading, with some emphasis on techniques of close textual analysis

FRENCH

FRE 101 FRENCH I 4 Y

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in French. No prior experience or admission by placement testing.

FRE 102 FRENCH II 4 S

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in French. Prerequisite: FRE 101 or admission by placement testing.

FRE 201 FRENCH III 4 S

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in French. Prerequisite: FRE 102 or admission by placement testing.

FRE 202 FRENCH IV 4 S

Continuing proficiency-based course which focuses on reading, discussing, and analyzing authentic texts as a basis for the expression and interpretation of meaning. Conducted in French. Prerequisite: FRE 201 or admission by placement testing.

FRE 407 FRENCH LIBERTINE FICTIONS 3 E CR

Analysis of seventeenth- and eighteenth- century French libertine texts and their relation to philosophy, art, religion and society. Conducted in French. Must have completed two 300 level FRE courses.

FRE 409 FRENCH CULTURE AND REVOLTUION 3 O CR

French Enlightenment literature and culture considered within the context of the French Revolution. Conducted in French. Must have completed two 300 level FRE courses.

FRE 412 FRENCH WOMEN WRITERS 3 E CR

Trends in French feminine and feminist writing from the early modern period to the present. Conducted in French. Must have completed two 300 level FRE courses.

**FRE 417 “IMPRESSIONS D’AFRIQUE”:
CARIBBEAN GAZES 3 O CR**

A survey of African issues through the eyes of Francophone Caribbean writers and their texts. Conducted in French. Conducted in French. Must have completed two 300 level FRE courses.

FRE 421 FRANCOPHONE AFRICAN CRITICISM 3 E CR

Major trends in Francophone African literary criticism. Conducted in French. Additional work required of graduate students.

GEOGRAPHY

GEO 103 AMERICA AND THE GLOBAL ENVIRONMENT 3 Y

Relationship between peoples and their environments. Population change, natural resource use sustainability. Associated environmental problems. Historical developments and future possibilities.

GEO 105 WORLD GEOGRAPHY 3 IR

World patterns of physical environment, economic activity, and cultural development are considered in terms of their character, origin, and interrelationships. The significance of world population distribution, the division of the world into contending camps, and the growth of world interdependence.

**GEO 155 THE NATURAL ENVIRONMENT 3S
(WI Honors Only)**

Patterns of the physical phenomena at and near the surface of the earth. Surface configuration, climate, vegetation, and soil and their areal interrelationships.

GEO 171 HUMAN GEOGRAPHIES 3 S

An integrative overview to human geography. Topics include human-environmental relations, demographic change, cultural landscape; urban and agricultural land use and economic restructuring.

GEO 203 SOCIETY AND THE POLITICS OF NATURE 3 Y

Bio-physical and social contexts of environmental problems and decision making. US and international issues considered, linking local, regional, and global scales of analysis. Case examples include water management, energy policy, global warming, sustainable development.

GEO 219 AMERICAN DIVERSITY AND UNITY (HONORS) 3 Y WI

A study of varying tensions between the dynamics of regional differences and pressures for national unity and conformity. The diversity of peoples and concepts of the American people. The creation of communities and subsequent alterations and additions. The emergence of major regional cultures and the changing relationships among these and American culture.

GEO 272 WORLD CULTURES 3 Y WI CR

The globalization of culture and the persistence of local cultures around the world. Case studies from different regions of the world geographical examine processes that shape ways of life.

GEO 273 WORLD POLITICAL ECONOMY 3Y WI CR

The emergence of an integrated global political economy from the sixteenth century to the present. The penetration of European and American interests into Latin America, Asia, Eastern Europe, Russia, and Africa and the creation of the *developed* and *underdeveloped* worlds. Patterns of reaction to this dependency. The rise of international corporations and capital markets.

GEO/LAS 323 LATINO USA 3 Y CR

Multidisciplinary view of development and characteristics of Latino communities in the USA. Emphasis on variations among distinctive national groups as reflected in cultural, political, social, and economic experiences.

GEO 326 THE GEOGRAPHY OF CLIMATE AND WEATHER 3 Y

Atmospheric dynamics emphasizing spatial distributions of energy and moisture at several scales. Weather phenomena, regional climates, and human-induced perturbations and modifications of climate systems. Land-use change, climate change, climate change and urban climatologies. Prereq GEO 155 or GEO 101 or permission of instructor.

GEO 353 GEOGRAPHIES OF ENVIRONMENTAL JUSTICE 3 CR WI

The relationship between environmental quality and social justice. Spatial aspects of unequal distribution of environmental risks and benefits. Case studies drawn from urban rural examples in both US and Third World.

GEO 363 CITIES OF NORTH AMERICA 3 Y CR

Urban images and sense of place. Urbanization and urban growth. Urban functions and form. Social patterns, change, and transformations of urban landscapes. Housing, neighborhood, and land-use change.

GEO/ANT/WGS 367 GENDER IN A GLOBALIZING WORLD 3 E WI CR

Economic and cultural processes of globalization as they affect different groups of men, women and households; including gender and work, gender and the media, and redefinitions of masculinity and femininity across the globe.

GEO 372 POLITICAL GEOGRAPHY 3 Y CR

Geographic analysis of the political process at a variety of spatial scales – international, intra-national, and urban. Origins of territorial organization and conflicts over access to and use of space.

GEO 440 RACE AND SPACE 3 CR

Critical geographic study of race and racism as formative aspects of sociocultural, economic and political processes. Focus on race/racism's operations across scales, with particular attention to gender, class, culture, colonialism, citizenship, power, and resistance..

GEO 558 DEVELOPMENT AND SUSTAINABILITY 3 Y CR

Critical analysis of international development and sustainability. Focuses on the complex political, economic, cultural and ecological processes involved in development discourse and practice. Readings and case studies drawn from Latin America, Africa and Asia.

GEO 563 THE URBAN CONDITION 3 Y CR

Contemporary cities. Economic growth and decline. Social polarization. Construction of the built environment. Case studies from around the world.

GERMAN**GER 101 GERMAN I 4 Y**

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in German. No prior experience or admission by placement testing.

GER 102 GERMAN II 4 Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in German. Prerequisite: GER 101 or admission by placement testing.

GER 201 GERMAN III 4 Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in German. Prerequisite: GER 102 or admission by placement testing.

GREEK**GRE 101 ANCIENT GREEK I 4 Y**

Introductory course which prepares students to acquire a reading knowledge of Classical Attic Greek, focusing on morphology and syntax, and its role in the culture and literature of ancient Greek society. No prior experience or admission by placement testing.

GRE 102 ANCIENT GREEK II 4 Y

Continuing course with emphasis on morphology and syntax. Introduction to examples of unsimplified Ancient Greek prose of the classical period, read and interpreted within the cultural context of ancient Greek society. Prerequisite: GRE 101 or admission by placement testing.

GRE 201 ANCIENT GREEK III 4 Y

Continuing course with review of morphology and syntax and further study of idioms, rhetorical figures, and syntactic peculiarities. Reading and study of representative prose authors. Prerequisite: GRE 102 or admission by placement testing.

HEBREW

HEB 101 HEBREW I 4 Y

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Hebrew. No prior experience or admission by placement testing.

HEB 102 HEBREW II 4 Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Hebrew. Prerequisite: HEB 101 or admission by placement testing.

HEB 201 HEBREW III 4 Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Hebrew. Prerequisite: HEB 102 or admission by placement testing.

HINDI/URDU

HIN/SAS 101 HINDI/URDU I 4 Y

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Hindi. No prior experience or admission by placement testing.

HIN/SAS 102 HINDI/URDU II 4 Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Hindi. Prerequisite: HIN 101 or admission by Placement testing.

HIN/SAS 201 HINDI/URDU III 4 Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Hindi. Prerequisite: HIN 102 or admission by placement testing.

HISTORY

HST 101 AMERICAN HISTORY TO 1865 3 Y WI

Founding and development of institutions. The Revolution and the new nation. Problems of growth and sectionalism. Challenge to the union.

HST 102 AMERICAN HISTORY SINCE 1865 3 Y WI

Reconstruction. Industrialization and its effects. Emergence as a world power. Economic and social problems, reforms. Global war and global responsibilities.

HST 109 AMERICAN POLITICAL CULTURE (HONORS) 3 IR WI

Shaping of American politics and political institutions by economic, social, demographic, and diplomatic factors: 1607 to 1789, Americanization of European institutions; 1789 to 1898, democratization and the challenge of urbanization and industrialization; 1898 to present, toward a postindustrial order.

HST 111 EARLY MODERN EUROPE, 1350-1815 3 Y WI

Major characteristics of European political, social, and cultural life from Middle Ages to advent of democratic revolutions.

HST 112 MODERN EUROPE: NAPOLEON TO THE PRESENT 3 Y WI

European lives and experiences in the age of industrialization, urbanization, and mass politics. World wars, fascism, the Russian Revolution, empires, Europe in the post-World War II era.

HST/ANT 145 INTRODUCTION TO HISTORICAL ARCHAEOLOGY 3 Y WI

Role of history and archaeology in our understanding of 17th- to 19th-century Europe, Africa, and America. Historical archeology as a mechanism to critique perceptions of the past. Firsthand record of ethnic groups and cultural settings not recorded in writing..

HST 200 (6 credits)

This general, non-specific course is a substitute for one general list course in SOCIAL SCIENCES and one elective.

HST 201 RESEARCH SEMINAR IN HISTORY 3 Y WI

Introduction to the excitement and techniques of original research. Each seminar begins with introductory readings in a particular area of history; each student researches a question in original sources and presents the results in one or more essays. Limited to freshmen and sophomores.

HST 210 THE ANCIENT WORLD 3 Y WI

The Ancient Mediterranean emphasizing major political, cultural, religious, and social developments. The Near East, Classical Greece, Hellenistic Civilization, Roman Republic, Roman Empire up to the fourth century A.D. May not be repeated for credit.

HST 211 MEDIEVAL AND RENAISSANCE EUROPE 3 Y WI

From the fall of the Roman Empire to the early 17th century. The revivals of classical culture, feudalism and the rise of the central state, the growth of urban culture, intellectual foundations of the Renaissance and modernism, and the relationship between the individual, the family, and society at large.

HST 212 RELIGION IN MEDIEVAL AND REFORMATION EUROPE 3 Y WI

From early Christianity to the Protestant and Catholic Reformations of the sixteenth century. The development and transformation of institutionalized Christianity and the recurring attempts to reform, transcend, or reject official religious institutions and dogmas. Ideals of the primitive church, the crusades, monasticism, the papacy, heresy, popular piety, magic and witchcraft, and Protestantism.

HST 215 MODERN BUSINESS HISTORY 3 IR

History of the modern business firm in America, Europe, and Asia. General trends and specific firm histories from railroads, to automobiles, to big business in wartime, to computers.

HST/CFE 221 SOCIAL HISTORY OF AMERICAN EDUCATION (HONORS) 3 IR CR

History of educational goals, methods, and institutions throughout changes in populations, economy, and social order. Social and economic consequences of American's educational choices. .

HST 231 ENGLISH HISTORY 3 IR

Britain from the Roman occupation through the Revolution of 1688.

HST 232 ENGLISH HISTORY 3 IR

Continuation of HST 231 from 1688.

HST/MES 318 INTRODUCTION TO MODERN MIDDLE EAST 3 WI

Beginning with the rise and spread of Islam through the reform era of the nineteenth century, this course focuses on the social and cultural history of the Ottoman Empire.

HST/WGS 331 WOMEN IN AMERICAN HISTORY 3 IR CR

Women's economic and social roles from colonial times to the present. Politically oriented women's rights movements and recurring feminism.

HST/AAS 333 AFRICAN AMERICAN HISTORY 3 Y CR

Charts and examines the political, economic, cultural, and social history of African Americans from the turbulent Reconstruction period following the U.S. Civil War to the present.

HST 341/PSC 329 THE MODERN AMERICAN PRESIDENCY 3 Y CR

Evolution, operation, and perceptions of the American presidency during the last quarter-century. Modern chief executives and factors contributing to their success or failure.

HST 342/PSC 327 MODERN AMERICAN POLITICAL THOUGHT 3 IR CR American political thought from impact of Darwinian science to present. Basic thought patterns of twentieth-century public life and philosophical foundations of contemporary political movements.

HST 347/AMS 305 TWENTIETH-CENTURY U.S. POLITICS IN FICTION 3 IR CR The political culture of the 20th-century U.S. through the medium of popular fiction. Writing-intensive and discussion-based class, with enrollment limited to 20 students.

HST/WGS 349 WOMEN IN AMERICA: CIVIL WAR TO PRESENT 3 CR Focus on significant social and political transformation, activism, and individuals.

HST/LAS/WGS 371 GENDER IN LATIN AMERICAN HISTORY 3 Y CR

History of women and gender relations from colonial period to the present. Influence of race, class, ethnicity on gender. Relation of gender to labor, family, sexuality, and politics.

HST/LAS/NAT 372 RACE IN LATIN AMER 3 CR

Race relations in Latin America from the late colonial era to present. Indigenous, immigrant, and Afro-Latin American experiences and how they have changed over time. Relations of race to national identity.

HST/WGS 379 GENDER & COLONIALISM 3 CR

Explores the intersection of gender and race in colonial ideologies, imperial practices and anti-colonial nationalist movements, in the 18th and 19th centuries

HST 383/PSC 326 FOUNDATIONS OF AMERICAN POLITICAL THOUGHT 3 IR CR

American political thought from the Puritans to Lincoln. American Revolution, establishment of the Constitution, Jeffersonian and Hamiltonian systems.

HONORS PROGRAM

HNR 240, 340, 440 TOPICS IN THE HUMANITIES (HONORS) 3

Selected topics in the Humanities. Honors student or permission of instructor.

HNR 250, 350, 450 TOPICS IN THE NATURAL SCIENCES AND MATHEMATICS (HONORS) 3

Selected topics in the Natural Sciences and Mathematics. Honors student or permission of instructor.

HNR 255, 355, 455 TOPICS IN THE SCIENCES WITH LABORATORY COMPONENT 3

Selected topics in the Sciences, with laboratory component. Topics will vary. Honors student or permission of instructor.

HNR 260, 360, 460 TOPICS IN THE SOCIAL SCI (HONORS) 3 Selected topics in the Social Sciences. Honors student or permission of instructor.

ITALIAN

ITA 101 ITALIAN I 4 Y

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Italian. No prior experience or admission by placement testing.

ITA 102 ITALIAN II 4 Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Italian. Prerequisite: ITA 101 or admission by placement testing.

ITA 201 ITALIAN III 4 Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Italian. Prerequisite: ITA 102 or admission by placement testing.

ITA 202 ITALIAN IV 4 Y

Continuing proficiency-based course which focuses on reading, discussing, and analyzing authentic texts as a basis for the expression and interpretation of meaning. Conducted in Italian. Prerequisite: ITA 201 or admission by placement testing.

JAPANESE

JPS 101 JAPANESE I 4 Y

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Japanese. No prior experience or admission by placement testing.

JPS 102 JAPANESE II 4 Y Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Japanese. Prerequisite: JPS 101 or admission by placement testing.

JPS 201 JAPANESE III 4 Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Japanese. Prerequisite: JPS 102 or admission by placement testing.

JPS 202 JAPANESE IV 4 Y Continuing proficiency-based course which further refines and expands linguistic skills in culturally authentic contexts. Incorporates reading, discussing, and analyzing texts as a basis for the expression and interpretation of meaning. Conducted in Japanese. Prereq: JPS 201 or admission by placement testing.

JUDAIC STUDIES PROGRAM

JSP/REL 114 THE BIBLE 3 Y

Jewish and Christian scriptures in their ancient Near Eastern and Hellenistic contexts, with particular attention to their literary forms, the history of their composition, and their role in the development of Western religions and cultures. Credit cannot be given for REL/JSP 114 and either REL/JSP 215 or REL 217.

JSP/REL/LIT 131 GREAT JEWISH WRITERS 3 IR

Introduction to fiction by Jewish authors. Topics include modernization, rebellion against authority, alienation, childhood, superstition, and the Holocaust. Some films included.

JSP/REL 135 JUDAISM 3 Y

Survey of Judaic ideas, values, and cultural expressions as found in biblical, talmudic, medieval, mystical and modern texts.

JSP/REL 215 THE HEBREW BIBLE 3 O

The Hebrew Bible (often called Old Testament) in English translation, with particular attention to its literary form, its cultural context in the ancient Near East, the history of its development, and its role in Western religions and cultures. Credit cannot be given for REL/JSP 114 and either REL/JSP 215 or REL 217.

JSP/REL/LIT 231 JUDAIC LITERATURE 3 Y

Survey of major works in the Judaic tradition, including Hebrew and Yiddish prose in translation. Themes include nature, culture, exile, humor, satire, and talking takhlis.

JSP/LIT/REL 333 YIDDISH LITERATURE IN TRANSLATION 3 Y WI

Survey of Yiddish literature, with special attention to the classic Yiddish authors, Yiddish theater, modernism, and Yiddish women writers. Themes of minority culture, class struggle, Hasidism, and the decline of the Shtetl.

JSP/REL 337 SHOAH: RESPONDING TO THE HOLOCAUST 3 IR CR

Historical, literary, and philosophical representations of, and responses to, the Nazi genocide. Philosophical, theological, and ethical challenges raised by the Holocaust.

KISWAHILI

SWA 101 Kiswahili I 4 Y

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Kiswahili. No prior experience or admission by placement testing.

SWA 102 Kiswahili II 4 Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Kiswahili.

SWA 201 Kiswahili III 4 Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Kiswahili.

KOREAN

KOR 101 Korean I 4 Y

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Korean. No prior experience or admission by placement testing.

KOR 102 Korean II 4 Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Korean.

KOR 201 Korean III 4 Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Korean.

LATIN

LAT 101 LATIN I 4 Y

Introductory course which prepares students to acquire a reading knowledge of classical Latin, focusing on morphology and syntax, and its role in the culture and literature of ancient Roman society. No prior experience or admission by placement exam.

LAT 102 LATIN II 4 Y

Continuing course with emphasis on morphology and syntax. Introduction to examples of unsimplified Latin prose of the Republic and Empire, read and interpreted within the cultural context of Greco-Roman society. Prerequisite: LAT 101 or admission by placement exam.

LAT 201 LATIN III 4 Y

Continuing course with review of morphology and syntax and further study of idioms, rhetorical figures, and syntactic peculiarities. Reading and study of representative prose authors. Prerequisite: LAT 102 or admission by placement testing.

LATINO-LATIN AMERICAN STUDIES

LAS/GEO 323 LATINO USA 3 Y CR

Multidisciplinary view of development and characteristics of Latino communities in the USA. Emphasis on variations among distinctive national groups as reflected in cultural, political, social, and economic experiences.

LAS/HST/WGS 371 GENDER IN LATIN AMERICAN HISTORY 3 Y CR

History of women and gender relations from colonial period to the present. Influence of race, class, ethnicity on gender. Relation of gender to labor, family, sexuality, and politics.

LAS/HST/NAT 372 RACE IN LATIN AMER 3 CR

Race relations in Latin America from the late colonial era to present. Indigenous, immigrant, and Afro-Latin American experiences and how they have changed over time. Relations of race to national identity.

LAS/SPA 463 CONTEMPORARY LATIN AMERICAN THEATER 3 CR

Introduction to major theater works and movements in 20th century Latin America. Prereq. SPA 301

LAS/SPA/WGS 475 WOMEN, MYTH AND NATION IN LATIN AMERICAN LITERATURE 3 CR

Myths about women and nation. Modern interpretations and reconstructions of these myths in contemporary literature by Latin American women writers. Literary texts with theories on myth. Representation and “real” constructions of feminine and national identities in different regions of Latin America. Prereq: SPA 301

LAS/SPA 481 THE LITERATURE OF LATINOS IN THE UNITED STATES 3 CR

Short stories of poetry written in Spanish by Latinos. Themes such as identity, language, and culture. Political, social and cultural readings. Prereq: SPA 301

LESBIAN, GAY, BISEXUAL AND TRANSGENDER

QSX 111 QUEER HISTORIES, COMMUNITIES, AND POLITICS 3 Y CR

Explores and analyzes lesbian, gay, bisexual, and transgender histories, communities and politics from the ancient past to the contemporary, global present through an interdisciplinary reading of research, theory, memoir, biography, fiction, and documentary film.

.QSX 112 SEXUALITIES, GENDERS, BODIES 3 Y CR

Explores how sexuality, gender, and embodiment are understood across communities and through time, an interdisciplinary analysis of literature, film, mass media, websites, research, and theory.

LINGUISTICS

LIN 201 THE NATURE AND STUDY OF LANGUAGE 3 Y CR

Topics include the origin of language, language and the brain, the structure of language, child language acquisition, linguistic universals, language change, the function of language in society, meaning, and writing systems.

LIN/ANT 202 LANGUAGES OF THE WORLD 3 Y

Introduction to Universal Grammar. Similarities and differences in structures of human languages. Syntax and morphology. Theory development. Prerequisite: LIN 201 or permission of instructor.

LIN 251 ENGLISH WORDS 3

An analysis of English words, their structure, history, meaning and formation from a theoretically informed linguistic perspective. The course is primarily concerned with the words borrowed from the classical languages.

LITERATURE IN TRANSLATION

LIT 101 INTRODUCTION TO CLASSICAL LITERATURE: GREECE 3 EACH E

Ancient Greek literature and civilization from the *Iliad and Odyssey* of Homer to the tragedies of Sophocles and dialogues of Plato. The major genres of classical literature such as lyric poetry, tragedy, and philosophy within the context of an evolving Greek culture. A focus on Classical Athens (fifth and fourth centuries B.C.)

LIT 102 INTRODUCTION TO CLASSICAL LITERATURE: ROME 3 EACH E

Literature and civilization of Rome from early Republic to reign of emperor Marcus Aurelius. Comedies of Plautus, speeches of Cicero, erotic poems of Ovid, and novel *EARden Ass* of Apuleius. Development of Latin literary tradition with roots in archaic, classical, and Hellenistic Greek models, against a background of the evolving international Roman culture and Roman Empire.

LIT/JSP/REL 131 GREAT JEWISH WRITERS 3

Introduction to fiction by Jewish authors. Topics include modernization, rebellion against authority, alienation, childhood, superstition, and the Holocaust. Some films included.

LIT 203 GREEK AND ROMAN EPIC IN ENGLISH TRANSLATION 3 O

Major Greek and Roman epics will be studied both for dramatic and poetic methods as well as for historical, political, and philosophical importance.

LIT 211 GREEK AND ROMAN DRAMA IN ENGLISH TRANSLATION 3 O

Some of the major tragedies and comedies of ancient Greece and Rome in English translation. Focus on the dramatic works of Aeschylus, Sophocles, Euripides, Aristophanes, Menander, Plautus, and Terence. Topics include the origin and nature of Greek tragedy, the comic spirit of Greek society, the role of myth in Greek tragedy, Menander and Hellenistic drama, Rome's creative borrowings, and adaptations of Greek originals.

LIT 226 DOSTOEVSKY AND TOLSTOY 3 Y

Great works of Tolstoy and Dostoevsky: *The Death of Ivan Ilych*, *Notes from Underground*, and *Brothers Karamazov*. Also selected works covering literary background, influences on the authors, and philosophical themes.

LIT 227 PASTERNAK AND SOLZHENITSYN 3 Y

Pasternak's *Doctor Zhivago* and Solzhenitsyn's *First Circle* focus attention on Russian twentieth-century search for the meaning of existence. Universal truths that surround the eternal struggle for integrity and understanding in the socialist political environment of twentieth-century Russia.

LIT/REL/JSP 231 JUDAIC LITERATURE 3

Survey of major works in the Judaic tradition, including Hebrew and Yiddish prose in translation. Themes include nature, culture, exile, humor, satire, and talking takhlis.

LIT 241 DANTE AND THE MEDIEVAL WORLD 3 IR

Passages from *Divine Comedy* as an encyclopedic work illuminating vital historical, intellectual, and cultural forces in the medieval world.

LIT 242 PETRARCH & THE RENAISSANCE WORLD 3 IR

This course is a sequel to LIT 241. Petrarch's poetry and prose will provide the point of departure for an examination of issues and problems in the Renaissance

LIT 245 FLORENCE AND RENAISSANCE CIVILIZATION 3 IR

Florence as the linguistic, literary, and cultural center of early medieval and modern Italian civilization.

LIT 255 CERVANTES IN ENGLISH 3 E

Analysis and interpretation of *Don Quixote* and selected shorter works. Not recommended for Spanish majors.

LIT 257 ITALIAN CINEMA AND CULTURE SINCE WORLD WAR II -3

Selected films of DeSica, Fellini, Visconti, and others as significant documents of Italian life in the post-war period and beyond.

LIT/RUS 331 RUSSIAN CULTURE THROUGH FICTION AND FILM 3 O CR

Documentary films and readings of short fiction. Elements of Russian culture and provides an understanding of Russian national identity as it has developed from kievian Russian to the present day. Prereq: for RUS 331, RUS 202; none for LIT 331.

LIT/REL/JSP 333 YIDDISH LITERATURE IN TRANSLATION 3 Y WI

Survey of Yiddish literature, special attention to classic Yiddish authors, Yiddish theater, modernism, and Yiddish women writers. Themes of minority culture, class struggle, Hasidism, and decline of the Shtetl.

MATHEMATICS

MAT 121 PROBABILITY AND STATISTICS FOR THE LIBERAL ARTS I 3 S

First in a two course sequence. Teaches probability and statistics by focusing on data and reasoning. Includes displaying data, probability models and distributions. NOTE: A student cannot receive credit for MAT 121 after completing STT 101 or any MAT course numbered above 180 with a grade of C or better.

MAT 122 PROBABILITY AND STATISTICS FOR THE LIBERAL ARTS II 3 S

Second in a 2-course sequence. Probability and statistics focusing on data and reasoning. Includes displaying data, probability models, and distributions. NOTE: A student cannot receive credit for MAT 122 after completing any MAT course number above 180 with a grade of C or better. Prerequisite: MAT 121.

MAT 183 ELEMENTS OF MODERN MATH 3 S

Linear equations, matrices, and linear programming. Introduction to mathematics of finance. Discrete probability theory. For students interested in management, finance, economics, or related areas.

MAT 194 PRECALCULUS 3 S

Polynomial, rational, exponential, logarithmic functions. Analytical trigonometry and trigonometric functions. A student cannot receive credit for MAT 194 after receiving a grade of C or better in any calculus course.

MAT 221 ELEMENTARY PROBABILITY AND STATISTICS I 3 S

First of a 2-course sequence. For students in fields that emphasize quantitative methods. Probability, design of experiments, sampling theory, introduction of computers for data management, evaluation of models, and estimation of parameters. Credit not given for both MAT 221 and MAT 321.

MAT 222 ELEMENTARY PROBABILITY AND STATISTICS II 3 S

Continuation of MAT 221. Further methods of statistical reasoning and data analysis using statistical software. Basic concepts of hypothesis testing, estimation and confidence intervals, t-tests and chi-square tests, linear regression, analysis of variance. Credit will not be given for MAT 222 after completing MAT 321 with a grade of C or better. Prerequisite: MAT 221.

MAT 284 BUSINESS CALCULUS 3 S

One-variable differential and integral calculus. Applications to business and economics. MAT284 may not be taken for credit after successful completion of MAT 285 or MAT 295.

MAT 285 LIFE SCIENCES CALCULUS I 3 S

Functions and their graphs, derivatives and their applications, differentiation techniques, exponential and logarithmic functions, multivariable differential calculus including constrained optimization. MAT 285 may not be taken for credit after successful completion of MAT 284 or MAT 295. Must have a C- or better in MAT 194 or equivalent.

MAT 286 LIFE SCIENCES CALCULUS II 3 Y

Antidifferentiation; the definite integral and applications; first order differential equations with applications. Cannot be taken for credit after successfully completing MAT 296. Prereq: MAT 285.

MAT 295 CALCULUS I 4 S

Analytic geometry, limits, derivatives, maxima-minima, related rates, graphs, differentials, exponential and logarithmic functions, mean-value theorem, integration. For science majors. MAT 295 may not be taken for credit after successful completion of MAT 286. Preq: C- or better in MAT 194 or equivalent.

MAT 296 CALCULUS II 2-4 S

Integration: the definite integral and applications, trigonometric functions, methods of integration, improper integrals, L'Hospital's rule, infinite series, elementary differential equations, parametric equations, polar coordinates. Prerequisite: C- or better in MAT 295 or equivalent.

MAXWELL SCHOOL OF CITIZENSHIP AND PUBLIC AFFAIRS

MAX 123 CRITICAL ISSUES FOR THE UNITED STATES 3 S WI CR

Interdisciplinary focus on critical issues facing the USA. Perspectives of social science disciplines on the meaning of the American Dream, its past and its future. Freshmen and sophomores only.

MAX 132 GLOBAL COMMUNITY 3 S WI CR

Dynamics of worldwide society and its cultures. Global economy and political order. Tensions within these realms. Attempts by different communities to either participate in or to hold themselves aloof from "global culture". Freshmen and sophomores only.

MAX 201 QUANTITATIVE METHODS FOR THE SOCIAL SCIENCES 3 S

Skills necessary to analyze data and evaluate research: research design, sampling design, descriptive and inferential statistics, data sources for social science, constructing data sets, reading and constructing tables and charts. Prerequisite: An introductory statistics course, 100-level or higher.

MIDDLE EASTERN STUDIES

MES/HST 318 INTRODUCTION TO MODERN MIDDLE EAST 3 WI

Beginning with the rise and spread of Islam through the reform era of the nineteenth century, this course focuses on the social and cultural history of the Ottoman Empire.

MES/HST 319 THE MIDDLE EAST IN THE TWENTIETH CENTURY 3 CR

Social and cultural history of the Middle East in the twentieth century, including themes such as colonialism, anti-colonial nationalism, modernity, social movements, women and gender, and contemporary issues.

MES /PSC 366 REPRESENTATIONS OF THE MIDDLE EAST 3 CR

To examine the politics of "gazing" and cultural imagination through critical analysis of how the mass media articulates, transmits, promotes and legitimizes knowledge and information about the Middle East.

NATIVE AMERICAN STUDIES

NAT 105 INTRODUCTION TO NATIVE AMERICAN STUDIES 3

Overview of critical issues in Native American Studies: colonization, religious freedom, environment, sovereignty, and politics of identity, interdisciplinary, comparative, and indigenous perspectives in relation to histories, societies, and cultures.

NAT/REL 142 NATIVE AMERICAN RELIGION 3 Y

Religious beliefs and practices of native Americans; the diversity as well as similarity of religious expression.

REL/NAT 244/ANT 273/ INDIGENOUS RELIGIONS 3

E The connections between material life and religious life in cultures throughout the world. The diverse ways that various cultures inhabit their landscapes.

NAT/REL 347 RELIGION AND THE CONQUEST OF AMERICA 3 IR CR

The development of America through the contact between indigenous and colonial people's divergent religious understandings of land.

NAT/REL 348 RELIGION AND AMERICAN CONSUMERISM 3 IR CR

Interrogates the relationship of religion and consumerism in the context of American material life during the 19th and 20th centuries.

NAT/HST/LAS 372 RACE IN LATIN AMERICA 3 CR

Race relations in Latin America from the late colonial era to present. Indigenous, immigrant, and Afro-Latin American experiences and how they have changed over time. Relations of race to national identity.

PERSIAN

PRS 101 Persian I 4 Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Persian. No prior experience or admission by placement testing.

PRS 102 Persian II 4 Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Persian.

PRS 201 Persian III 4 Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Persian.

PHILOSOPHY

PHI 107 THEORIES OF KNOWLEDGE AND REALITY 3 S WI Knowledge versus belief. Skepticism. Necessary truth. Universals. Rationalism versus empiricism. The mind-body problem. Idealism, materialism and realism. Recommended for freshman and sophomores. Note: Credit will not be given for both PHI 107 and PHI 109.

PHI 109 INTRO TO PHILOSOPHY(Honors)3 S WI Fundamental philosophical problems. Works of major philosophers. Open to freshmen in the Honors Program. Note: Credit will not be given for both PHI 109 and PHI 107.

PHI 111 PLATO'S REPUBLIC 3 IR WI A study of Platonic dialogues, focusing on the most famous and influential of these, the *Republic*. Plato's view of human nature, the character of the state, and the foundations of morality are explored.

PHI 171 CRITICAL THINKING 3 Y CR Presentation and evaluation of reasoning, including arguments, explanations, and the justification of decisions. Topics of current social and ethical interest will serve as examples, with one topic selected for extended study.

PHI 172 MAKING DECISIONS 3 IR WI CR An introductory exploration of decision making: "What is the difference between decisions made well and decisions made badly?" Selected readings from various disciplines.

PHI 175 SOCIAL & POLITICAL PHILOSOPHY 3 Classical and contemporary readings on basic topics in social and political philosophy; political obligation and authority, justice and basic rights, liberty and equality, the justification of democracy.

PHI 191 ETHICS AND CONTEMPORARY ISSUES 3S CR Ethical reflection on some basic moral quandaries of daily life. Ideas of Plato, Aristotle, Kant applied to topics such as self respect and decency in a technological world, abortion, honesty, friendship, moral courage, self-respect. Note: Credit will not be given for both PHI 191 and PHI 209.

PHI 192 INTRODUCTION TO MORAL THEORY 3 Major philosophical theories about moral rightness, virtue, and the good life, such as utilitarian, Kantian, and Aristotelian theories. Historical and contemporary sources. Credit cannot be received for both PHI 192 and PHI 209.

PHI 197 HUMAN NATURE 3 Y WI Metaphysical claims, as well as the social and ethical consequences, of various theories of human nature. The notions of the human as a free agent and as a determined being.

PHI 209 INTRODUCTION TO MORAL PHILOSOPHY (HONORS) 3 Y CR

Selected topics in moral philosophy. Note: Credit will not be given for both PHI 209 and PHI 191.

PHI 251 LOGIC 3 S Focuses primarily on deductive justification. What constitutes a reason for accepting a conclusion? The symbolic techniques of modern logic, the principles of deductive inference, and the analysis of the structure of English arguments.

PHI 252 LOGIC AND LANGUAGE 3 IR Logic as a formal language, as a component of natural language, and as a basis of a programming language. Varieties of logical systems and techniques. Syntax, semantics and pragmatics. Prerequisite: PHI 251.

PHI 296 FRIENDSHIP 3 Reflections on the nature, varieties, rewards, and hazards of friendship. Contrast and comparison with romantic and/or sexual relationships. The role of character, trust, and mutual respect in friendship.

PHI/WGS 297 PHILOSOPHY OF FEMINISM 3Y WI CR Philosophical analysis of feminist theory from Simone de Beauvoir to present. Feminist theories about human nature, gender, relations between gender, race and class, and causes of and remedy for women's subordinate status.

PHI 343 PHILOSOPHY OF EDUCATION 3 IR CR Application of philosophical methodology and various positions in epistemology, metaphysics, and value theory to conceptual issues in education. Goals and appropriate means of education.

PHI/PSC 363 ETHICS & INTERNATIONAL RELATIONS 3 Y CR The role of ethical concerns, imperatives and restraints in international relations. Includes realism, just war theory, the ethics of nuclear deterrence, and other topics at the discretion of the instructor.

PHI 411 PHILOSOPHIES OF RACE AND IDENTITY 3 E CR Explores concepts of race and racial identity, their history, various meanings, and whether they should continue to be used. Political effects of racial identities, racism, integrationism, mixed race identity, and multiculturalism.

PHI 493 CONTEMPORARY ETHICAL ISSUES 3 Y CR Philosophical study of a selection of contemporary ethical issues, such as racism, sexism, inequality, violence, and poverty. Junior or senior standing. Prerequisite: 2 courses in philosophy or permission of instructor.

PHI 593/REL 551 ETHICS AND THE HEALTH PROFESSIONS 3 Y CR

Ethical theories in professional, organizational, and political-economic fields in health care. Specific issues: assisted suicide, professional codes, ethics of “cost-cutting” and justice with respect to care.

PHYSICS

PHY 101 MAJOR CONCEPTS OF PHYSICS I 4Y

Explores the fundamental laws which govern the universe. Presents overview of basic ideas and contemporary research in physics. Knowledge of elementary algebra required. Laboratory included.

PHY 102 MAJOR CONCEPTS OF PHYSICS II 4Y

Continues PHY 101’s exploration of the fundamental laws which govern the universe. Presents overview of basic ideas and contemporary research in physics. Knowledge of elementary algebra required. Includes laboratory. Preq: PHY 101

PHY 207 SEEING LIGHT 3 Y

Introduction to the physics of light, color, vision and applications of light in science and technology. The history of theories of light and what light tells us about space-time studied. Lab activities.

PHY 211 GENERAL PHYSICS I 3 S

First half of a two semester introduction to classical physics including mechanics and thermal physics. Uses calculus. Knowledge of plane trigonometry. Cannot receive credit for both PHY 211 and PHY 215. Coreq: PHY 221; MAT 285 or MAT 295.

PHY 212 GENERAL PHYSICS II 3 S

Second half of a two semester introduction to classical physics including electricity, magnetism, and light. Cannot receive credit for both PHY 212 and PHY 216. Preq: PHY 211, 221. Coreq: PHY 222, MAT 286 or MAT 296.

PHY 221 GENERAL PHYSICS LAB I 1 S

An introduction to experimental techniques in physics. Provides lab demonstrations of the principles of mechanics, thermodynamics, and wave motion. Among the topics covered are random processes and analysis of random errors, graphical methods of comparing theory and experimental findings, static friction, and conservation of energy. Corequisite: PHY 211 or PHY 215.

PHY 222 GENERAL PHYSICS LAB II 1 S

This is a continuation of PHY 221 and uses experimental techniques and lab demonstrations to study several topics, including electrostatic fields, electric charges, DC circuits, the reflection of light, the electric deflection of electrons, and diffraction grating. Co-requisite: PHY 212 or PHY 216.

POLISH

POL 101 POLISH I (4) Y

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Polish. No prior experience or admission by placement testing.

POL 102 POLISH II (4) Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Polish. Preq: POL 101 or admission by placement testing.

POL 201 POLISH III (4) Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Polish. Preq: POL 102 or admission by placement testing.

POLITICAL SCIENCE

PSC 121 AMERICAN NATIONAL GOVERNMENT AND POLITICS 3 S

American political institutions. Basic principles embedded in structure and practices of American government. Practical consequences of this political system for the citizen. Credit is given for either PSC 121 or PSC 129, but not both.

PSC 122 AMERICAN STATE AND LOCAL GOVERNMENT AND POLITICS 3 IR

Role of state and local politics in American politics. Changing notions of proper political process and governance. Nature of the political process. State and local interactions. Politics and policy pursuance.

PSC 123 COMPARATIVE GOVERNMENT AND POLITICS 3 Y

Comparison of selected governmental institutions, individual and collective political actors, and issues across the industrialized and developing world. Particular attention to dynamics of socioeconomic and political change.

PSC 124 INTERNATIONAL RELATIONS 3 S

Foreign policy, decision making, comparative foreign policy, international transactions, and the international system. Credit is given for either PSC 124 or PSC 139, but not both.

PSC 125 POLITICAL THEORY 3 Y

Introduction to theories of major modern political philosophers (Locke, Rousseau, Hume, J.S. Mill, Marx). Contemporary theories of liberty, justice and equality.

PSC 129 AMERICAN NATIONAL GOVERNMENT AND POLITICS (HONORS) 3 IR

American political institutions and their founding. The public role in a democratic regime. Ability of contemporary arrangements to meet the demands of the modern world. Credit is given for either PSC 121 or PSC 129, but not both.

PSC 139 INTERNATIONAL RELATIONS (HONORS) 3 Y

Major world views which comprise contemporary international relations. Lectures, readings, journal writing, and small group discussion. Credit is given for either PSC 124 or PSC 139, but not both.

PSC 202 INTRODUCTION TO POLITICAL ANALYSIS 3 S

Introduction to important political science concepts; basics of political argumentation and reasoning; and basic quantitative research and analysis techniques.

PSC/AAS 306 AFRICAN AMERICAN POLITICS 3 Y CR

Introduction to the African American experience in the American political system, from the colonial period to the present. Organization/leadership, federal institutions/relations, sociopolitical movements, and electoral politics.

PSC 314 PUBLIC OPINION AND ELECTORAL BEHAVIOR 3 IR CR

American mass public; origins, nature, effects of its political beliefs, and patterns of its voting behavior.

PSC/WGS 319 GENDER AND POLITICS 3 Y CR

Relationships between gender and American political institutions, law, and policy-making processes. How social movements based on gender, prevailing gender ideologies, and gender relations have shaped American politics. Exploring how the American state has shaped the political meanings and relative positions of power associated with men and women.

PSC 326/HST 383 FOUNDATIONS OF AMERICAN POLITICAL THOUGHT 3 IR CR

American political thought from the Puritans to Lincoln. American Revolution, establishment of the Constitution, and Jeffersonian and Hamiltonian systems.

PSC 327/HST 342 MODERN AMERICAN POLITICAL THOUGHT 3 IR CR

American political thought from the impact of Darwinian science to the present. Basic thought patterns of twentieth-century public life and philosophical foundations of contemporary political movements.

PSC 329/HST 341 THE MODERN AMERICAN PRESIDENCY 3 Y CR

Evolution, operation, and perceptions of the American presidency during the last quarter-century. Modern chief executives and factors contributing to their success or failure.

PSC 339 CONTEMPORARY POLITICAL TRANSITIONS 3 IR CR

The underlying forces and processes of political regime change in the modern world.

PSC/AAS 341 POLITICS OF AFRICA 3 Y CR

Historical foundations of the move towards political freedom, democracy, and self rule in Africa. Dynamics of the political process.

PSC 352 INTERNATIONAL LAW 3 IR CR

Fundamental principles and recognized rules that make up international law concerning conduct of nations. Protection of nationals abroad, jurisdiction in territorial waters and on high seas, rights and duties of diplomats and consuls, and the law of treaties.

PSC/PHI 363 ETHICS & INTERNATIONAL RELATIONS 3 O CR

The role of ethical concerns, imperatives and restraints in international relations. Includes realism, just war theory, the ethics of nuclear deterrence, and other topics at the discretion of the instructor.

PSC 371 DEMOCRATIC THEORY AND POLITICS 3 IR CR

Democracy as a political concept and political process, in a comparative context. Some critiques and challenges facing democratic theory and practice.

PSC/WGS 374 LAW AND SOCIETY 3 IR CR

Interaction of law with social values, customs, and organization. Relationship between a society's law and its broader environment.

PORTUGUESE

POR 101 PORTUGUESE I 4 Y

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Portuguese. No prior experience or admission by placement testing.

POR 102 PORTUGUESE II 4 Y

Continued proficiency-based course which develops communicative abilities in speaking, listening, reading and writing in culturally authentic contexts. Activities are conducted in Portuguese. Prerequisite: POR 101 or admission by placement testing.

POR 201 PORTUGUESE III 4 Y

Continued proficiency-based course which refines and expands previously acquired linguistics in culturally authentic contexts. Activities are conducted in Portuguese. Prerequisite: POR 102 or admission by placement testing.

PSYCHOLOGY

Note: PSY 205 (or 209) is a prerequisite for all psychology courses except PSY 252.

PSY 205 FOUNDATIONS OF HUMAN BEHAVIOR 3 S Fundamental principles of mental life and human behavior. Significance of psychology in human relationships and self-understanding.

PSY 209 HONORS SECTION 3 S
Honors section of PSY 205.

PSY 223 INTRO. TO BIOPSYCHOLOGY 3 Y
Neurological, chemical, and hormonal determinants of human and animal behavior. Sensory communication, learning and memory, motivation and memory, motivation and emotion, sleep-behavior genetics, animal behavior, and development topics.

PSY 252 STATISTICAL METHODS II 3 S
Distributions, graphs, exploratory data analysis, and descriptive statistics, sampling and experiments Sampling distributions. Correlation and regression. Confidence intervals and significance tests for measured data and count data. Computer applications.

PSY 274 SOCIAL PSYCHOLOGY 3 S
Introduction to scientific study of the social behavior of individuals; experimental approach. Social influence, conformity, social perception, attitude changes, small groups, and collective behavior. Prerequisite: PSY 205

PSY 379 THE SOCIAL PSYCHOLOGY OF STIGMA 3 CR Current social psychological research on why some groups are devalued, how individuals are affected by and cope with being members of such groups, and interactions between stigmatized and non-stigmatized individuals.

PUBLIC AFFAIRS

PAF 101 AN INTRODUCTION TO THE ANALYSIS OF PUBLIC POLICY 3 S
Students develop research and decision-making skills used to create and influence public policies on a topic of their own choice. This course provides the research skills needed to do well in other courses and the experience to be an effective leader. Through guest speakers, research papers, and competition exercises, students investigate Syracuse University issues and further develop skills on topics such as poverty, crime, education, and unemployment.

PAF 110 PUBLIC SERVICE PRACTICUM 1 S
Students investigate the societal issues affecting members of the Syracuse community by completing a 35 hour community service requirement, attending 4 class meetings to reflect on their experiences, and completing weekly journals and two paper assignments.

PAF 121 LEADERSHIP PRACTICUM 1 S
A six-week practical leadership development class that explores current leadership models. An overnight off-campus retreat is included.

Note: QSX courses are listed under LESBIAN, GAY, BISEXUAL AND TRANSGENDER

RELIGION

REL 101 RELIGIONS OF THE WORLD 3-4 Y
The nature and significance of religion within human culture and existence as evidenced in various religions of the world both past and present.

REL 102 RELIGION TODAY IN A GLOBALIZING WORLD (3) E
Consideration of the globalization of religions and the rise of worldwide trends: spirituality, fundamentalism, new religious movements and major changes in established religions.

REL 103 RELIGION AND SPORTS (3) Y
The religious/ceremonial origins of sports; importance of sports in human culture; issues of identity, gender, race, ethnicity as defined by sports. Special emphasis on lacrosse.

REL 104 RELIGION AND SCIENCE (3) E
Historical and conceptual overview of the relations of religion and science in Christian and Islamic cultures. Engagement with current high profile debates, e.g. evolution and stem cell research.

REL/JSP 107 RELIGION, LITERATURE, FILM 3 IR
Literary and cinematic approaches to religious life, focusing on Jewish and Christian communities. Special attention to the Bible, Yiddish culture, post Holocaust writing, and Israel; topics include land, tradition, humor, science, and violence.

REL/JSP 114 THE BIBLE 3 Y
Christian scriptures in their ancient Near Eastern and Hellenistic contexts, with particular attention to their literary forms, the history of their composition, and their role in the development of Western religions and cultures. Credit is not given for REL/JSP 114 and either REL/JSP 215 or REL 217.

REL/SAS 121 PILGRIMAGE 3 O

A cross-cultural exploration of religious journeys, including pilgrims' travels through different landscapes as well as spiritual quests. Buddhist, Christian, Hindu, Muslim and indigenous traditions are regularly included.

REL/SAS123 RELIGIOUS AUTO/BIOGRAPHY 3 IR WI

A cross-cultural exploration of religious autobiographies. Understanding multiple dimensions of religious life through narratives of the self, the sacred, and society.

REL/LIT/JSP 131 GREAT JEWISH WRITERS 3 Y

Introduction to fiction by Jewish authors. Topics include modernization, rebellion against authority, alienation, childhood, superstition, and the Holocaust. Some films included.

REL/JSP 135 JUDAISM 3 Y

Survey of Judaic ideas, values, and cultural expressions as found in biblical, talmudic, medieval, mystical, and modern texts.

REL/NAT 142 NATIVE AMERICAN RELIGION 3 Y CR

Religious beliefs and practices of native Americans; the diversity as well as similarity of religious expression.

REL 156 CHRISTIANITY 3 Y

Distinctive aspects of Christianity, from its beginnings to the present. Scripture, institutional forms, worship, theology, ethics, and cultural influences.

REL/SAS 165 ISLAM 3 Y

Islam as a world religion: its origins, major beliefs, rituals, and historical development, emphasizing its geographical spread, diversity of interpretation, and cultural expressions.

REL/SAS 185 HINDUISM 3 Y

Religious life of contemporary Hindus in India: gods, goddesses, and other divines; worship; sectarian movements; and rituals in the home, at temples, and at other holy sites.

REL/SAS 186 BUDDHISM 3 Y

Buddhism as a world religion: its origin in India, its spread to other parts of Asia, and consequent changes in doctrine and practice through the ages.

REL 191 RELIGION, MEANING, AND KNOWLEDGE 3 Y

An introduction to thinking about religion and its study. Topics and themes may vary, but this course will focus on interpretations and understandings of the nature of religion itself.

REL 205 ANCIENT GREEK RELIGION 3 Y

Historical and systematic studies of Greek myth and cult (pre-Homeric Chthonic religion through Olympian polytheism to the decline of the polis). Interaction of religion with drama, art, architecture, philosophy, and politics.

REL 206 GRECO-ROMAN RELIGION 3 IR

Various aspects of religious thought and experience in the Greco-Roman world. Variety of ways in which Greco-Roman people expressed the human situation, constructed their world, and viewed salvation through myth, symbol, and ritual.

REL/JSP 215 THE HEBREW BIBLE 3 O

The Hebrew Bible (often called Old Testament) in English translation, with particular attention to its literary form, its cultural context in the ancient Near East, the history of its development, and its role in Western religions and cultures. Credit is not given for REL/JSP 114 and either REL/JSP 215 or REL 217.

REL 217 THE NEW TESTAMENT 3 IR

Historical, literary, theological, and cultural dimensions of selected documents comprising the New Testament. Credit is not given for REL/JSP 114 and either REL/JSP 215 or REL 217.

REL 227 GODS: A CROSS-CULTURAL GALLERY 3 O

Study of Gods in a cross-cultural context accenting forms of Gods perceived and experienced in embodied, visible, concrete form rather than as "transcendent" or "spirit."

REL/LIT/JSP 231 JUDAIC LITERATURE 3 S

Survey of major works in the Judaic tradition, including Hebrew and Yiddish prose in translation. Themes include nature, culture, exile, humor, satire, and talking takhlis.

REL 241 RELIGIOUS DIVERSITY IN AMERICA 3 Y

Emergence of United States as unique, multifaith society, with focus on Christianity, Judaism, Islam, Buddhism, Hinduism, and other faith

REL 242 RELIGIOUS ISSUES IN AMERICAN LIFE 3

How contemporary religious ideas, individual and organizations intersect with major political and cultural issues in the United States.

REL/NAT 244/ANT 273 INDIGENOUS RELIGIONS 3 E

The connections between material life and religious life in cultures throughout the world. The diverse ways that various cultures inhabit their landscapes.

REL 246 RELIGION AND POPULAR CULTURE 3 IR

Examines popular expressions of religion in and through cemeteries, holidays, music, film, media, and sports.

REL 252 RELIGIOUS ETHICS AND SOCIAL ISSUES 3 IR CR

Traditional and contemporary thought in the West. Issues in medical, business, and political ethics.

REL 281/AAS 241 AFRICAN RELIGIONS: AN INTRODUCTION 3 Y

Historical and comparative study of the religions of Africa. Indigenous religious diversity. Christianity, Islam, and the new African-led religious movements. Case studies of myth, ritual, concepts of the divine, and religious change.

REL/SAS 283 INDIA'S RELIGIOUS WORLDS 3 O WI CR

Intersecting religious worlds of Hindus, Muslims, Sikhs, Jains, and Christians in modern India; focus on cosmology and morality in interaction with ritual practices, religious narratives, social life, media and politics.

REL 291 COMPARATIVE THEMES AND ISSUES 3 S

Special introductory thematic studies of religion, or of the study of religion. Themes and issues addressed may vary, but will generally feature the nature of religion itself, or the discipline of religious studies.

REL 294 MYTHOLOGIES 3 IR

Mythologies of the world, ancient and modern, Eastern and Western, Northern and Southern. Issues of nature and function, historical development and diffusion of myth.

REL 295 RELIGION AND ART 3 IR

Relationship between art, religion, and religious thought. May draw on classical religious sources, art history, literature, theology, or philosophy. Emphasis placed on Western religious/artistic traditions (Judaism, Christianity).

REL 324 RELIGIONS AND STORYTELLING 3 IR CR

Religious teachings in narrative form. Traditions include Hindu, Muslim, Jewish, Christian, African, and Native American religions. Topics include saints, miracles, gender, nature, identity resistance, empowerment.

REL 326 RELIGION AND FILM 3 IR CR

Uses readings in religion and film theory to examine how film makers employ, construct, and presume particular understandings of the religious.

REL/LIT/JSP 333 YIDDISH LITERATURE IN TRANSLATION 3 Y WI

Survey of Yiddish literature, with special attention to the classic Yiddish authors, Yiddish theater, modernism, and Yiddish women writers. Themes of minority culture, class struggle, Hasidism, and the decline of the Shtetl.

REL/JSP 337 SHOAH: RESPONDING TO THE HOLOCAUST 3 IR CR

Historical, literary, and philosophical representations of, and responses to, the Nazi genocide. Philosophical, theological, and ethical challenges raised by the Holocaust.

REL 347 RELIGION AND THE CONQUEST OF AMERICA 3 IR CR

The development of America through the contact between indigenous and colonial people's divergent religious understandings of land.

REL/NAT 348 RELIGION AND AMERICAN CONSUMERISM 3 IR CR

Interrogates the relationship of American religious and economic practices as compared with Native American traditions the 19th and 20th centuries.

REL/WGS/SAS 384 GODDESSES, WOMEN, AND POWER IN HINDUISM 3 O CR

Interrelationship of power as female and female power in Hindu cosmology, mythology, and society. Complexities of mythic, domestic, and economic gender hierarchies.

REL 395 RELIGIONS AND THE NATURAL ENVIRONMENT 3 E CR

Interpretations of the natural environment in the mythologies, rituals, and practices of religious traditions, including religious responses to current ecological crises.

REL 551/PHI 593 ETHICS AND THE HEALTH PROFESSIONS 3 Y CR

Ethical theories in professional, organizational, and political-economic fields in health care. Specific issues: assisted suicide, professional codes, ethics of "cost-cutting" and justice with respect to care.

RUSSIAN

RUS 101 RUSSIAN I 4 Y

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Russian. No prior experience or admission by placement testing.

RUS 102 RUSSIAN II 4 Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, in culturally authentic contexts. Activities are conducted in Russian. Prerequisite: RUS 101 or admission by placement testing.

RUS 201 RUSSIAN III 4 Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Russian. Prerequisite: RUS 102 or admission by placement testing.

RUS/LIT 331 RUSSIAN CULTURE THROUGH FICTION AND FILM 3 O CR

Documentary films and readings of short fiction. Elements of Russian culture and provides an understanding of Russian national identity as it has developed from kievian Russian to the present day. Prereq: for RUS 331, RUS 202; none for LIT 331.

SCIENCE, TECHNOLOGY, AND SOCIETY**STS/ECS 203 INTRODUCTION TO TECHNOLOGY 3 Y**

General principles of technology with an emphasis on communications and electric power systems. The capabilities, limitations, and commercial application of these technologies, as well as the historical controversies and safety issues associated with them are discussed. Students will learn some basic electronics and problems of assessing a new technology in order to anticipate its effects on society.

SOCIOLOGY**SOC 101 INTRODUCTION TO SOCIOLOGY 3 S**

Principal concepts, methods, and findings in sociology. Societal structures, processes, institutions, and social roles from both macro- and microanalytic human-behavior perspectives.

SOC 102 SOCIAL PROBLEMS 3 S CR

This course applies the concepts and methods of sociology to the examination of contemporary societal issues and policies. The processes by which social issues are defined and how they are translated into public and policy issues. Population growth, poverty and deprivation, resource and environmental issues, distribution of wealth and power, sexism, and racism.

SOC/WGS 230 INTERGROUP DIALOGUE 3 Y CR

Guided Intergroup communication skills. Cycle of socialization' social identities and social structures that create and maintain inequality; power of dynamics of racism, sexism and other systems of oppression. Students explore conflict and enact collaboration to deepen understanding.

SOC/WGS 248 ETHNIC INEQUALITIES AND INTERGROUP RELATIONS 3 S CR

Identification of individuals and groups by self and others as members of ethnic categories. Consequences of ethnic identifications for individual, group, and societal interaction. Emphasizing ethnic inequalities, group interactions, social movements and change, racism, prejudice, and discrimination.

SOC/AAS 254 COMPARATIVE STUDY OF AMERICAN ETHNIC COMMUNITIES 3 IR CR

Variety of ethnic communities in American society. Comparative analysis of similarities and uniqueness. Issues of group conflict, diversity, and unity.

SOC/WGS 281 SOCIOLOGY OF FAMILIES 3 S CR

Families and their connections to other social and economic institutions. Diversity of family forms and experiences. Formation and dissolution of relationships. Trends and changes.

SOC/AAS 353 SOCIOLOGY OF THE AFRICAN AMERICAN EXPERIENCE 3 E CR

Theory and research of African American sociologists in the historical, social, and political context of African American experience and its reception and impact in the public policy arena.

SOC/AAS 410 SEMINAR ON SOCIAL CHANGE 3 Y CR

Changes in African American communities or in the circumstances of African Americans within a particular institutional arena. Movements to promote change and obstacles to change. Substantive focus varies.

SOUTH ASIAN STUDIES**SAS/HIN 101 HINDI/URDU I 4 Y**

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Hindi. No prior experience or admission by placement testing.

SAS/HIN 102 HINDI/URDU II 4 Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Hindi. Prerequisite: HIN 101 or admission by Placement testing.

SAS 103/TML 101 TAMIL I 4 Y

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Tamil. No prior experience or admission by placement testing.

SAS 104/TML 102 Y TAMIL II 4 Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Tamil. Preq: TML 101 or admission by placement testing.

SAS/REL 123 RELIGIOUS AUTO/BIOGRAPHY 3 WI

A cross-cultural exploration of religious autobiographies. Understanding multiple dimensions of religious life through narratives of the self, the sacred, and society.

SAS/REL 165 ISLAM 3

Islam as a world religion: its origins, major beliefs, rituals, and historical development, emphasizing its geographical spread, diversity of interpretation, and cultural expressions.

SAS/REL 185 HINDUISM 3 Y

Religious life of contemporary Hindus in India: gods, goddesses, and other divines; worship; sectarian movements; and rituals in the home, at temples, and at other holy sites.

SAS/REL 186 BUDDHISM 3 Y

Buddhism as a world religion: its origin in India, its spread to other parts of Asia, and consequent changes in doctrine and practice through the ages.

SAS/HIN 201 HINDI/URDU III 4 Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Hindi. Prerequisite: HIN 102 or admission by placement testing.

SAS 203/TML 201 TAMIL III 4 SI

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Tamil. Preq: TML 102 or admission by placement testing.

SAS/REL 283 INDIA'S RELIGIOUS WORLDS 3 O WI CR

Intersecting religious worlds of Hindus, Muslims, Sikhs, Jains, and Christians in modern India; focus on cosmology and morality in interaction with ritual practices, religious narratives, social life, media and politics.

ANT/SAS/WGS 324 MODERN SOUTH ASIAN CULTURES 3 O WI

Social, political, economic organization of the sub-continent. World views and religious traditions Hindu, Muslim, Jain, Buddhist, and others. Social and cultural change, modernization, and the effect of colonization and post-independence, Western-ization, and urbanization on cultures and societies of India, Pakistan, Sri Lanka, and Bangladesh.

SAS/REL/WGS 384 GODDESSES, WOMEN, AND POWER IN HINDUISM 3 CR

Interrelationship of power as female and female power in Hindu cosmology, mythology, and society. Complexities of mythic, domestic, and economic gender hierarchies.

SPANISH**SPA 101 SPANISH I 4 Y**

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Spanish. No prior experience or admission by placement testing.

SPA 102 SPANISH II 4 S

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Spanish. Prerequisite: SPA 101 or admission by Placement testing.

SPA 201 SPANISH III 4 S

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Spanish. Prerequisite: SPA 102 or admission by placement testing.

SPA 202 SPANISH IV 4 S

Continuing proficiency-based course which focuses on reading, discussing, and analyzing authentic texts as a basis for the expression and interpretation of meaning. Conducted in Spanish. Prerequisite: SPA 201 or admission by placement testing.

SPA 453 SPANISH LITERATURE (20TH CENTURY) 3

Diachronic study of the Spanish short story and poetry. Emphasis on the different modes of neorealism, experimentalism, and the most recent trends. Prereq: SPA 301

SPA 457 NARRATIVE IN SPAIN AFTER 1940 3 CR

Spanish women writers during and after Franco's dictatorship. Literary works will include texts by Laforet, Matute, Martin Gaité, Rodereda, Riera, Tusquets, Montero, and Grandes, among others. Prereq: SPA 301

SPA/LAS 463 CONTEMPORARY LATIN AMERICAN THEATER 3 CR

Introduction to major theater works and movements in 20th-century Latin America. Prereq: SPA 301

SPA 465 LITERATURE AND POPULAR CULTURE IN LATIN AMERICA 3 WI

Mass culture and post modernism. Interactions between mass media culture, art, and politics in Latin America.

SPA/LAS/WGS 475 WOMEN, MYTH, NATION IN LATIN AMERICAN LITERATURE 3 CR

Myths about women and nation. Modern interpretations and reconstructions of these myths in contemporary literature by Latin American women writers. Literary texts with theories on myth. Representation and “real” constructions of feminine and national identities in different regions of Latin America. Prereq: SPA 301

SPA/LAS 481 THE LITERATURE OF LATINOS IN THE UNITED STATES 3 CR

Short stories of poetry written in Spanish by Latinos. Themes such as identity, language, and culture. Political, social and cultural readings. Prereq: SPA 301

STATISTICS

STT 101 INTRODUCTION TO STATISTICS 3

Provides a working knowledge of statistics: descriptive statistics, sampling distributions, data analysis using software. Students cannot receive credit after having received a C or better in MAT 121 or MAT 221.

TAMIL

TML 101/SAS 103 TAMIL I (4)

Introductory proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Tamil. No prior experience or admission by placement testing.

TML 102 /SAS 104 TAMIL II (4)

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Tamil. Prereq: TML 101 or admission by placement testing.

TML 201 TAMIL III (4)

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Tamil. Prereq: TML 102 or admission by placement testing.

TURKISH

TRK 101 TURKISH I (4) Y

Proficiency-based course which prepares students to understand, speak, read, and write in culturally authentic contexts. Activities are conducted in Turkish. No prior experience or admission by placement testing.

TRK 102 TURKISH II (4) Y

Continuing proficiency-based course which develops communicative abilities in speaking, listening, reading, and writing in culturally authentic contexts. Activities are conducted in Turkish. Prereq: TRK 101 or admission by placement testing.

TRK 201 TURKISH III (4) Y

Continuing proficiency-based course which refines and expands previously acquired linguistic skills in culturally authentic contexts. Activities are conducted in Turkish. Prereq: TRK 102 or admission by placement testing.

WOMEN'S AND GENDER STUDIES

WGS 101 INTRODUCTION TO WOMEN'S AND GENDER STUDIES 3 Y CR

Gender as a critical inquiry relating to race, class, and sexuality.

WGS/ETS 192 GENDER AND LITERARY TEXTS 3 WI

Construction and representation of “gender,” especially as it affects the production and reception of literary and other cultural texts. Prerequisite: WRT 105 or WRT 109.

WGS/ANT 201 TRANSNATIONAL FEMINIST STUDIES 3 Y WI CR

Comparative study of women’s lives, experiences, histories, and struggles across national and regional borders. Focuses on questions of theory, methodology and politics of knowledge involved in cross-cultural feminist studies.

WGS/SOC 230 INTERGROUP DIALOGUE 3 Y CR

Guided Intergroup communication skills. Cycle of socialization’ social identities and social structures that create and maintain inequality; power of dynamics of racism, sexism and other systems of oppression. Students explore conflict and enact collaboration to deepen understanding.

WGS/SOC 248 ETHNIC INEQUALITIES AND INTERGROUP RELATIONS 3 S CR

Identification of individuals and groups by self and others as members of ethnic categories. Consequences of ethnic identifications for individual, group, and societal interaction. Emphasizing ethnic inequalities, group interactions, social movements and change, racism, prejudice, and discrimination.

WGS/ECN 258 POVERTY AND DISCRIMINATION IN AMERICA 3 Y CR

Nature and causes of inequality, poverty, and discrimination in rural and urban America. Income maintenance, employment, training, education, and other anti-poverty programs; anti-discrimination and equal opportunity policies. Students may not receive credit for both ECN/WGS 258 and ECN/WGS 358

WGS/SOC 281 SOCIOLOGY OF FAMILIES 3 S CR

Families and their connections to other social and economic institutions. Diversity of family forms and experiences. Formation and dissolution of relationships. Trends and changes.

WGS/PHI 297 PHILOSOPHY OF FEMINISM 3 Y WI CR

Feminist analyses of assertions about women and the reasons for their subordinate social status. Starting with Simone de Beauvoir, feminist debates concerning such issues as androgyny, pornography, the relationship of sexism to racism and class societies, and how women's status can be changed.

WGS/AAS 303 BLACK WOMEN WRITERS 3 Y WI CR

Literature and ideologies of leading black women writers, eighteenth century to the present. Continuities and discontinuities in ideas and literary strategies. Terry, Harper, Hurston, Morrison, Marshall, Naylor, and Walker.

WGS/PSC 319 GENDER AND POLITICS 3 E CR

Relationships between gender and American political institutions, law, and policy-making processes. How social movements based on gender, prevailing gender ideologies, and gender relations have shaped American politics. Exploring how the American state has shaped the political meanings and relative positions of power associated with men and women.

WGS/ANT/SAS 324 MODERN SOUTH ASIAN CULTURES 3 O WI

Social, political, economic organization of the sub-continent. World views and religious traditions Hindu, Muslim, Jain, Buddhist, and others. Social and cultural change, modernization, and the effect of colonization and post-independence, Western-ization, and urbanization on cultures and societies of India, Pakistan, Sri Lanka, and Bangladesh.

WGS/ECN 325 ECONOMICS AND GENDER 3 Y CR

Economic issues examined within a gender sensitive context. Includes the economics of family, the economics of marriage, and labor market discrimination and segregation.

WGS/SWK 326 PERSONS IN SOCIAL CONTEXTS 3 Y CR

Assessment of behavior of diverse individuals, groups, and social systems. Applying concepts from the biological, behavioral, and social sciences in identifying and understanding forms and causes of behavior.

WGS/SWK 328 HUMAN DIVERSITY IN SOCIAL CONTEXTS 3 Y WI CR

Diversity, including race, gender, sexual orientation and selected topics. Examines individual, group, and institutional identity formation. Theories of biopsychosocial development, reference group affiliation, social stratification, oppression, and institutional discrimination. Implications for social work practice.

WGS/HST 331 WOMEN IN AMERICAN HISTORY 3 Y CR

Women's economic and social roles from colonial times to the present. Politically oriented women's rights movements and recurring feminism.

WGS/CFE 362 YOUTH, SCHOOLING AND POPULAR CULTURE 3 CR

Positioned where school, media, and youth cultures intersect. How schools and media represent "good" and "bad" youth, and how youth negotiate schools and popular cultures. Includes theories of popular culture and adolescence.

ANT/GEO/WGS 367 GENDER IN A GLOBALIZING WORLD 3 E WI CR

Economic and cultural processes of globalization as they affect different groups of men, women and households; including gender and work, gender and the media, and redefinitions of masculinity and femininity across the globe.

HST/LAS/WGS 371 GENDER IN LATIN AMERICAN HISTORY 3 Y CR

History of women and gender relations from colonial period to the present. Influence of race, class, ethnicity on gender. Relation of gender to labor, family, sexuality, and politics.

WGS/PSC 374 LAW AND SOCIETY 3 O CR

Interaction of law with social values, customs, and organization. Relationship between a society's law and its broader environment.

WGS/REL/SAS 384 GODDESSES, WOMEN, AND POWER IN HINDUISM 3 IR CR

Interrelationship of power as female and female power in Hindu cosmology, mythology, and society. Complexities of mythic, domestic, and economic gender hierarchies.

WGS/AAS 403 AFRICAN/CARIBBEAN WOMEN WRITERS 3 CR

Comparative literatures and theories by women from Africa and the Caribbean. Textual analysis of representations and constructions of social, political, and cultural life in colonial, neo-colonial, and contemporary contexts. Writers such as Ba, Conde, Dangaremba, Head, Kincaid, and Marshall.

WGS/CFE 444 SCHOOLING & DIVERSITY 3 S CR

Construction of diversity (race, ethnicity, gender, nationality, class, disability, sexual orientation) in schools. Emergence of inequalities based on difference in pedagogy and curriculum. Student resistance in relation to cultural diversity. Teaching for empowerment.

WGS/ANT 455/655 CULTURE AND AIDS 3 IR CR

Relationship between AIDS and cultures in which it spreads. Cultural practices and sexuality and social effects of widespread AIDS, including healthcare in Asia, Africa, Latin America and USA. Additional work required of graduate students.

WGS /SPA/LAS475 WOMEN, MYTH, NATION IN LATIN AMERICAN LITERATURE 3 CR

Myths about women and nation. Modern interpretations and reconstructions of these myths in contemporary literature by Latin American women writers. Literary texts with theories on myth. Representation and “real” constructions of feminine and national identities in different regions of Latin America. Prereq: SPA 301

WGS/AAS 512 AFRICAN AMERICAN WOMEN’S HISTORY 3 CR

The intellectual, political, and social history of African American women from pre-colonial Africa to the re-emergence of black feminism in the late 20th-century United States.

WRITING

WRT 114 WRITING CULTURE 3 Y

Nonacademic writing-creative nonfiction, memoir, the essay. Students write texts experimenting with style, genre, and subject, read contemporary nonfiction texts by varied authors, attend lectures/reading of visiting writers.

OTHER SCHOOLS AND COLLEGES

Note: These courses marked with an “*” will apply toward 24 credit allowed outside Arts & Sciences.

COLLEGE OF HUMAN ECOLOGY

***CFS 367 CHILD AND FAMILY IN CROSS-CULTURAL PERSPECTIVES 3 Y CR**

Introduction to field methods, the study of childhood, sex roles, and family in cross-cultural perspectives.

***NSD 225 NUTRITION IN HEALTH 3 S**

Nutrient requirements, functions, and food sources. Interrelationships and application to food selection for healthy individuals.

***SWK 314 SOCIAL WELFARE POLICY AND SERVICES I 3 Y CR**

Historical and contemporary social welfare policy and programs. Influence of social, political, and economic forces. Implications of prejudice and discrimination. Poverty and income maintenance alternatives.

***SWK 315 SOCIAL WELFARE POLICY AND SERVICES II 3 Y CR**

Structure and organization of public and voluntary income maintenance, health, mental health service delivery system. Cultural racial, ethnic, gender diversity. Policy analysis frameworks. Social work roles, values. Prerequisite: SWK 314 or department consent.

SWK/WGS 326/626 PERSONS IN SOCIAL CONTEXTS 3 Y CR

Assessment of behavior of diverse individuals, groups, and social systems. Applying concepts from the biological, behavioral, and social sciences in identifying and understanding forms and causes of behavior.

SWK/WGS 328/628 HUMAN DIVERSITY IN SOCIAL CONTEXTS 3 Y WI CR

Diversity, including race, gender, sexual orientation and selected topics. Examines individual, group, and institutional identity formation. Theories of biopsychosocial development, reference group affiliation, social stratification, oppression, and institutional discrimination. Implications for social work practice. Prerequisite for SWK 328 only: SWK 326/626.

***SWK 361 FOUNDATIONS OF SOCIAL WORK RESEARCH 3 Y**

Research methods including problem formulation, measurement, sampling, research design, data collection and analysis, and report preparation. Application of research methods to critical analysis of research reports and to issues associated with evaluation of social work practice. Prerequisite: Statistics course.

SCHOOL OF EDUCATION

CFE/HST 221 SOCIAL HISTORY OF AMERICAN EDUCATION (HONORS) 3 Y CR

History of educational goals, methods, and institutions throughout changes in population, economy, and social order. Social and economic consequences of American’s educational choices.

***EDU 203 STUDY OF ELEMENTARY & SPECIAL EDUCATION TEACHING 3 S**

Techniques of inquiry into classroom and school practices. Topics, issues, values related to inclusive education. Application of observation skills in field or laboratory settings. Students may not receive credit for both EDU 203 and the following: EDU 207, SPE 204, SPE 210 & EDU 605.

***EDU 310/610 THE AMERICAN SCHOOL 3 S CR** Issues that impinge on teachers, teaching, and schools in today's society. May not be repeated for credit.

***SED 522 STUDY OF SOCIAL STUDIES 3 Y CR** 3

Culmination of the social studies sequence. Development of the field, persistent issues involved in content, content organization, teaching methods, and teacher preparation. Nature of the content as it influences instructional decisions.

**COLLEGE OF ENGINEERING AND
COMPUTER SCIENCE**

ECS/STS 203 INTRODUCTION TO TECHNOLOGY 3 Y

Basic principles of engineering and problem solving approaches used to create new technologies. For non-specialist. Prereq: Two semesters of natural science.

SCHOOL OF INFORMATION STUDIES

***IST 443 CRITIQUE OF THE INFORMATION AGE 3 S CR**

Effects of information technologies on society: social, cultural and ethical implications. Multidisciplinary critique of changes in society.

***IST 456 INFORMATION POLICY AND DECISION MAKING 3 Y CR**

Current and emerging policy issues, policy formulation and conflict, roles and perspectives of major actors in the policy-making process. Privacy, freedom of information, intellectual-property rights, information dissemination and access, security classification and restriction, computer crime.

**MARTIN J. WHITMAN
SCHOOL OF MANAGEMENT**

***LPP 255 INTRODUCTION TO THE LEGAL SYSTEM 3 S**

The legal system and public policy issues emphasizing the impact of the legal environment on management decision making. Includes ethics and international topics. Development of analytical and communication skills. Sophomore standing.

***LPP 467 MANAGEMENT AND ETHICS Y CR**

Ethical dilemmas encountered by managers of organizations. Individual ethical responsibility versus role responsibility. Pressures within organizations to violate ethical duties. How an organization can be managed so that employees can deal effectively with ethical dilemmas. Extra work required of graduate students.

**SUNY COLLEGE OF ENVIRONMENTAL
SCIENCE AND FORESTRY**

CLL 390 INTRODUCTION TO THE LITERATURE OF NATURE 3 Y WI

Examination of the views of nature and the environment as seen by selected writers, poets and essayists of the nineteenth and twentieth centuries up to Rachel Carson. The readings, discussions and written assignments will explore the aesthetics, the socio-political climate and the prevailing attitudes toward the environment that formed the backdrop for readings. Intended for students who have had the freshman sequence of writing courses. Fall and Spring.

CLL 490 LITERATURE OF NATURE 3 Y WI

Examination of the views of nature and the environment as seen by contemporary nature writers and environmentalists. The readings, discussions and written assignments will explore the aesthetics, the socio-political climate and the prevailing attitudes toward the environment that form the backdrop for readings. Spring.

EST 390 SOCIAL PROCESSES AND THE ENVIRONMENT (3)

Three hours of lecture and discussion. A multidisciplinary social science perspective on the nature of physical environment, particularly as it relates to the creation of human habitat. Human-environment interactions are viewed at three scales: 1) macro-interactions concerning social and economical issues; 2) meso-interactions concerning behavior of groups; 3) micro-interactions concerning perceptions and attitudes of individuals. Disciplines from which material may be drawn include: anthropology, ethology, geography, political science, psychology and sociology. Spring.

