

# University at Albany

## DEPARTMENT OF LATIN AMERICAN AND CARIBBEAN STUDIES

### Faculty

#### *Distinguished Professor*

Daniel C. Levy, Ph.D.,  
University of North Carolina, Chapel Hill

#### *Distinguished Service Professor*

Edna Acosta-Belén, Ph.D. (Collins Fellow)  
Columbia University

### *Professors*

Christine Bose, Ph.D. (Collins Fellow)

Johns Hopkins University

Ray Bromley, Ph.D.

Cambridge University

Colbert I. Nepaulsingh, Ph.D.

University of Toronto

Carlos E. Santiago, Ph.D.

Cornell University

### *Associate Professors*

Jeanette Altarriba, Ph.D.

Vanderbilt University

Louise Burkhart, Ph.D.

Yale University

José Cruz, Ph.D.

City University of New York

Liliana Goldin, Ph.D.

University at Albany

Max Lifchitz, M.M.

Harvard University

Silvia Nagy-Zekmi, Ph.D.

Eötvös Loránd University (Budapest)

Azara Santiago-Rivera, Ph.D.

Wayne State University

James W. Wessman, Ph.D.

University of Connecticut

### *Assistant Professors*

Ana Margarita Cervantes-Rodriguez, Ph.D.

University of Miami

Fernando Leiva, Ph.D.

University of Massachusetts at Amherst

Blanca Ramos, Ph.D.

University at Albany

Gilbert Valverde, Ph.D.

University of Chicago

### *Adjuncts and Lecturers*

Teresa Carranza, Ph.D.

University at Albany

C. Aida Torres-Horwitt, Ph.D.

University at Albany

Catana Tully, D.A.

University at Albany

### *Adjuncts (estimated): 3*

### *Teaching Assistants (estimated): 5*

The Department of Latin American and Caribbean Studies has a cross-disciplinary faculty prepared to train undergraduates for research, service, and applied careers dealing with the U.S. Hispanic communities and with the Caribbean and Latin American regions.

## Undergraduate Academic Major Offerings

The department offers two undergraduate major options: 1) Latin American studies and 2) Puerto Rican studies.

The interdisciplinary major in Latin American studies has been designed to prepare students for professional and research careers; domestic service with federal and state governmental agencies; careers in the United States foreign service; careers with business and educational organizations, public and private foundations, and other private or public agencies engaged in developing, improving, and promoting trade and the social, political, and economic life of the peoples of Latin America; editing and journalism; and paramedical and paralegal careers.

This major requires interdisciplinary course work with Latin American content and competence in Spanish, Portuguese; or French. Opportunities for study abroad are also available.

The interdisciplinary major in Puerto Rican studies has been designed to provide students with an opportunity for intensive interdisciplinary exploration of the Puerto Rican experience in the Caribbean and in the United States. In addition the program provides an integrated, broadly based knowledge of the islands of the Caribbean, the rest of Latin America, and the United States. Courses deal with aspects of the life of Puerto Ricans: cultural, social, political, and economic processes; language; literature and the arts; and education. In addition, the program provides the opportunity for comparative study of other Hispanic groups in the United States.

Undergraduate students in the department are also provided with opportunities for community-oriented research, community service, and study abroad. Upon completion of the program requirements, students should possess a reading knowledge of Spanish. Most students enrolled in Puerto Rican studies are also encouraged to have a second major in one of the traditional disciplines.

A minor sequence in Latin American and Caribbean studies is also currently offered by the department.

Courses focusing on Latin America are also offered in the Departments of Hispanic and Italian studies, History, Geography and Regional Planning, Anthropology, Sociology, African and Africana Studies, Philosophy, Economics, and Political Science.

## Degree Requirements for the Major in Latin American Studies

General Program B.A.: A minimum of 36 credits, 12 of which must be at or above the 300 level, as follows:

Introduction (3 cr.): A Lcs 100 or 100Z or 145.

Latin America and the Caribbean (3 cr.): A Lcs 102 or 269 or 360 or 405.

Latin America and Puerto Rico (3 cr.): A Lcs 150

or 150Z.

Latin Americans in the United States (3 cr.):

A Lcs 201 or 302.

Social Science Requirements (3 cr.): A Lcs 233 or 250 or 354/354Z or 357 or 361.

Humanities and Fine Arts Requirement (3 cr.):

A Lcs 216L/216E or 230 or 268L or 312 or 315 or 316 or 317 or 318 or 319 or 326 or 327/327Z or 414.

Race, Gender and Ethnicity (3 cr.): A Lcs 240 or 282M or 451.

Interdisciplinary Research Seminar (3 cr.): A Lcs 400.

Electives with Latin American or Caribbean content as advised (12 cr.).

## Reading proficiency in Spanish, Portuguese, or French

The department will administer the proficiency examinations. The intent is to test the student's ability to read and understand research material written in Spanish, French, or Portuguese. The examination will consist of questions about selected passages in the appropriate language.

Students can build proficiency through completion of the appropriate reading courses in Portuguese, Spanish, or French. Students are also encouraged to use appropriate materials and media in the Interactive Media Center in the University Library and/or the Center for Language Learning and Research (C.E.L.L.A.R.) to build their reading skills. To schedule an examination, students should contact the undergraduate program director, Department of Latin American and Caribbean Studies, for more details.

## Degree Requirements for the Major in Puerto Rican Studies

General Program B.A.: A total of 36 credits, 12 of which must be at or above the 300 level, as follows: Core Courses on Puerto Ricans (9 cr.): A Lcs 150 or 150Z, 329 and 429.

Puerto Rico and the Caribbean (9 cr.): A Lcs 102, 269 and 405.

Puerto Rico and Latin America (3 cr.):

A Lcs 100/100Z or 145 or 357 or 361.

Race, Gender and Ethnicity (3 cr.): A Lcs 201 or 240 or 282M or 302 or 451.

Interdisciplinary Research Seminar (3 cr.): A Lcs 400.

Electives with Latin American or Caribbean content as advised (9 cr.)

Reading proficiency in Spanish.

The department will administer the proficiency examinations. The intent is to test the student's ability to read and understand research material about Puerto Rico written in Spanish. The examination will consist of translations of selected passages in Spanish.

Students can build proficiency through completion of the appropriate reading courses in Spanish. Students are also encouraged to use appropriate materials and media in the Interactive Media Center in the University Library and/or the Center for Language Learning and Research (C.E.L.L.A.R.) to build their reading skills. To schedule an examination, students should contact the undergraduate program director, Department of

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Latin American and Caribbean Studies.

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**The BA/MBA Five-Year Latin American and Caribbean Studies/Business Administration Degree Program:**  
**An Early Admission Option Leading to a Masters of Business Administration:** Available for those students who matriculate as Freshmen at the University at Albany in August 1996 and thereafter.

**MODULE A:** DESIGNED FOR STUDENTS WITH ELEMENTARY KNOWLEDGE (EQUIVALENT TO SPN 100, SPN 101) OF SPANISH.

<b>FRESHMAN YEAR</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
Spn 103L	4 crs	Spn 104L	3 crs
Lcs 100	3 crs	Lcs 102	3 crs
Eco 110M	3 crs	Eco 111M	3 crs
Psy 101M	3 crs	Soc 115M	3 crs
Gen Ed "N"	3 crs	Writing Intensive	3 crs
<b>Total Semester Credit</b>	<b>16 crs</b>	<b>Total Semester Credit</b>	<b>15 crs</b>
<b>Total Credits 31</b>			
<b>SOPHOMORE YEAR</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
Spn 206	3 crs	Spn 207	3 crs
Lcs 201-Gen Ed "HD"	3 crs	Lcs/Eco 361	3 crs
Acc 211	3 crs	Acc 222	3 crs
Msi 215	3 crs	Mat 108	3 crs
Gen Ed "N"	3 crs	Lcs 400	3 crs
<b>Total Semester Credit</b>	<b>15 crs</b>	<b>Total Semester Credit</b>	<b>15 crs</b>
<b>Total Credits 30</b>			

At the end of the Sophomore year, the Latin American and Caribbean Studies majors interested in this program apply through the School of Business Office of Student Services, BA 36A. Applicants must have a cumulative University at Albany GPA of at least 3.3 and a minimum grade of "B" in Eco 110M and 111M in order to waive Fin 515. If a final grade of "B" is not received in Eco 110M and 111M, then the student will have to take Fin 515 in the Fall of their fourth year.

will have to take 141-010 in the Fall of their fourth year.

Junior Year Abroad (at he Universidad del Sagrado Corazón, Santurce, Puerto Rico or the University of Costa Rica, San José, Costa Rica)			
Fall Semester		Spring Semester	
Lcs 150L	3 crs	Lcs (Hum. & Fine Arts	3 crs
Lcs (Race, Gender, and Ethnicity)	3 crs	Lcs 300-400 level elective	3 crs
NOTE: Students are encouraged to take at least one 300-level Spanish language or literature course in their first semester. A 3 credit course yielding Cultural and Historical Perspective credit must be completed as well as 15 other Liberal Arts and Sciences credits for a total of 30 credits. Nine of these credits must be electives with Latin American or Caribbean content as advised. Also, there must be an upper-level writing intensive course taken before graduation.			
Total Credits 30			
SENIOR YEAR			
Fall Semester		Spring Semester	
Msi 512 (1st Quarter)	2 crs	Msi 521 (3rd Quarter)	2 crs
Mgt 513a (1st Quarter)	2 crs	Fin 525 (3rd Quarter)	3 crs
Mgt 513b (1st Quarter)	1 crs	Msi 520 (4th Quarter)	3 crs
Msi 511 (2nd Quarter)	2 crs	Bus 524 (4th Quarter)	1 crs
Mgt 514 (2nd Quarter)	3 crs	Mkt 522 (3rd Quarter)	4 crs
Acc 517 (2nd Quarter)	2 crs	Mgt 523 (4th Quarter)	1 crs
Liberal Arts Elective*	3 crs	Mgt 600 (4th Quarter)	1 crs
See note below on waivers. )		<b>Note:</b> You must apply to graduate in January and receive your degree as of May before you can enter the Fifth Year.	
FIFTH YEAR			
Fall Semester		Spring Semester	
Field Project/Practicum	3 crs	Field Project/Practicum	3 crs
Concentration	6 crs	Concentration	6 crs
Electives	3 crs	Electives	3 crs
Strategic Management	3 crs		

## Notes on waiving courses:

Must receive a final grade of at least "B" in Eco 110M and Eco 111M to waive Fin 515.

Must receive a final grade of at least "B" in Acc 211 to waive Acc 516.

Must have familiarity with microcomputer software (specifically spreadsheets) such as LOTUS 1-2-3, EXCEL, QUATRO PRO, and other windows applications to waive Msi 510 (computer skills).

## Notes:

Students must have completed 120 credits by the end of the senior year (90 of which must be in Liberal Arts and Sciences courses) and receive your BA degree by August before entering the fifth year. (Business School courses listed in this program are not Liberal Arts and Sciences courses.) An upper level writing intensive courses and all general education requirements must also be completed by the end of the Senior year.

During the fall of the senior year, students in this program must take the GMAT exam and present an acceptable score (at least 500).

Your cumulative GPA at the end of your senior year must be at least 3.0 to continue in this program.

All School of Business, economics, statistics, computer science courses must be done at the University at Albany after matriculation.

## Honors Program

The Honors Program in the Department of Latin American and Caribbean Studies consists of at least 12 credits of course work designed to enhance and intensify the undergraduate experience for the honors student

To be eligible for admission to the honors program, the student must have declared either the Latin American Studies or the Puerto Rican Studies major. The student must also have completed at least 12 credits of course work within the given major. In addition, the student must have an overall GPA of at least 3.25, and 3.50 in the major, both of which must be maintained in order to graduate with honors.

To be admitted to the Honors Program, majors with the required grade point averages must complete A Lcs 400 Interdisciplinary Research Seminar (3 credits) with a grade of A or A-.

After admission to the Honors Program, the student must complete with a grade of A or A- a specifically designed three-credit junior- or senior-level independent honors project (A Lcs 497) under the direction of an Honors Committee selected by the chair of the department in consultation with a faculty director chosen by the student.

## Courses

### A Lcs 100 Cultures of Latin America (3)

Survey of the diverse pre-Columbian and New World cultures of Spanish and Portuguese America. Focus on the interactions of Indian, European, and Black cultural elements and on the complexities of what is known as Latin American culture. The study of the most distinctive elements of culture such as race, social systems and institutions, folklore and cultural expressions will take precedence over historical events. A Lcs 100Z is the writing intensive version of A Lcs 100; only one may be taken for credit. [BE]

### A Lcs 100Z Cultures of Latin America (3)

A Lcs 100Z is the writing intensive version of A Lcs 100; only one may be taken for credit. [WI] [BE]

### A Lcs 102 (= A His 170) Introduction to Caribbean History (3)

An introduction to the history of culture contact in the Caribbean from the pre-Columbian Arawaks and Caribs, through the infusion of European and African cultures, to the emergence of the leadership of the United States in 1898. Special emphasis on the social and economic development of the plantation system, the intercontinental trade system, slavery, and the struggle for abolition and self-determination. Only one of A Lcs 102 & A His 170 may be taken for credit. [BE]

### A Lcs 115 (= A Por 115) Portuguese and Brazilian Culture and Society (3)

Survey of culture and society in the Portuguese speaking world, including Brazil, Portugal, and Portuguese Africa. Includes the development of typical customs and institutions with special attention to folklore, music, painting, and architecture. Utilizes visual and recorded materials. Conducted in English. Only one of A Lcs 115 & A Por 115 may be taken for credit. May not be offered in 2003-2004.

### A Lcs 145 (= A Ant 145 and A His 145) Continuity and Change in Latin America (3)

Introduction to the historical development of Latin America's diverse cultural heritage and to its contemporary institutions and civilization. Broadly interdisciplinary perspective reflecting diverse approaches and fields. Only one of A Lcs 145, A Ant 145, & A His 145 may be taken for credit.

### A Lcs 150 (= A Ant 146) Puerto Rico: People, History and Culture (3)

Survey of Puerto Rican culture on the island from the pre-Hispanic era to the 20th century. Special emphasis on the change of sovereignty in 1898, the national question, class and culture, and migration. A Lcs 150Z & A Ant 146Z are writing intensive versions of A Lcs 150 & A Ant 146; only one of the four courses may be taken for credit.

### A Lcs 150Z (= A Ant 146Z) Puerto Rico: People, History and Culture (3)

A Lcs 150Z & A Ant 146Z are writing intensive versions of A Lcs 150 & A Ant 146; only one of the four courses may be taken for credit. [WI]

### A Lcs 201 Hispanic Cultures in the United States (3)

Intensive examination of Hispanic American society. Major Hispanic groups (e.g., Puerto Ricans, Mexican-Americans, Cubans) will be studied with emphasis on interaction between these groups and mainstream society, culture and value change in contact situations, and efforts to deal with prejudice and discrimination. [DP]

### A Lcs 201Z Hispanic Cultures in the United States (3)

A Lcs 201Z is the writing intensive version of A Lcs 201; only one may be taken for credit. [DP] [WI]

### A Lcs 216L (= A Mus 216L) Music and Society in Latin America: Past and Present (3)

This course will deal with two basic issues: the evolution of musical thought throughout Latin America from pre-Hispanic times to the present, and the relationship between musical manifestations and the prevailing social order in which those activities took place. A Lcs 216E & A Mus 216E are the writing intensive versions of A Lcs 216L and A Mus 216L; only one of the four courses may be taken for credit. [AR; DP if taken before Fall 2004; HU]

### A Lcs 216E (= A Mus 216E) Music and Society in Latin America: Past and Present (4)

A Lcs 216E & A Mus 216E are the writing intensive versions of A Lcs 216L and A Mus 216L; only one of the four courses may be taken for credit. [AR] [DP] [HU] [WI]

### A Lcs 229 Special Topics in Latin American and Caribbean Studies (3)

The specific topic will be selected by the instructor and will vary from semester to semester as indicated by course subtitle. May be repeated for up to six credits under different subtitles.

### A Lcs 231 Special Topics in Latino Studies (3)

The specific topic will be selected by the instructor and will vary from semester to semester as indicated by course subtitle. May be repeated for up to six credits under different subtitles.

### A Lcs 233 (= A Ant 233) Aztecs, Incas and Mayas (3)

Introductory survey of the archaeology and ethnohistory of the three best-known indigenous civilizations of the New World. Each is presented in terms of prehistoric background and evolution, social organization, politics and economics, religion and art. Consideration is given to the Spanish conquest of these groups and to their modern legacies. Only one of A Lcs 233 & A Ant 233 may be taken for credit. [BE]

### A Lcs 240 (= A Wss 240 & A Aas 240) Classism, Racism, and Sexism: Issues (3)

Analyzes the connections between and among classism, racism, and sexism, their mutually reinforcing nature, and the tensions arising from their interrelations. Particular attention is given to the ideological and personal aspects of these phenomena, as well as to institutional guises in American society. Only one of A Lcs 240, A Wss 240, & A Aas 240 may be taken for credit. [DP]

### A Lcs 250 (= A Gog 250) Geography of Latin America (3)

An introduction to the geographical diversity of Latin America, reviewing the Continent's physical features, natural resources, societies, economies and politics, and relating them to its history and cultural traditions. Particular attention will be given to rural and urban living conditions, social and regional inequalities, population distribution, internal and international migration, and socioeconomic development issues. A Lcs 250Z & A Gog 250Z are writing intensive versions of A Lcs 250 & A Gog 250; only one of the four courses may be taken for credit. May not be offered in 2003-2004.

### A Lcs 250Z (= A Gog 250Z) Geography of Latin America (3)

A Lcs 250Z & A Gog 250Z are writing intensive versions of A Lcs 250 & A Gog 250; only one of the four courses may be taken for credit. May not be offered in 2003-2004. [WI]

**A Lcs 268L (= A Ant 268L) Ethnology of Pre-Columbian Art (3)**

Survey of pre-Hispanic Mesoamerican arts and architecture for the reconstruction of pre-Columbian culture, history, religion, symbolism, and ritual. Stresses interrelationships of New World cultures, art styles, and worldview. and on ethnological techniques for iconographic interpretations. Only one of A Lcs 268L & A Ant 268L may be taken for credit. May not be offered in 2003-2004. [AR HU]

**A Lcs 269 (= A Aas 269 and Ant 269) The Caribbean: Peoples, History, and Culture (3)**

Peoples, history and cultures of the 20th century Caribbean, with special emphasis on responses to colonialism and nationalism. Only one of A Lcs 269, A Aas 269, & A Ant 269 may be taken for credit. [BE]

**A Lcs 282M (= A Soc 282M) Race and Ethnicity (3)**

Study of religion, race, and nationality conflicts in American society. Reactions of minority to majority; changing patterns of minority relationships; efforts to deal with prejudice and discrimination. Only one of A Lcs 282M & A Soc 282M may be taken for credit. Prerequisite(s): A Soc 115M. [DP SS]

**A Lcs 289 (= A Soc 289) Special Topics in Ethnicity (1-3)**

Intensive examination of the culture and lifestyle of a single ethnic group within American society. The specific ethnic group varies from term to term and is indicated by course subtitle: e.g., Ethnicity; Italian Americans. A Lcs 289 and A Soc 289 can be repeated, but the total credits earned may not exceed 6 credits under different subtitles. Departmental permission required for more than 6 credits. Prerequisite(s): A Soc 115M.

**A Lcs 302 (= A Spn 322) Las Culturas Latinas en los Estados Unidos (3)**

Examination of major U.S. Latino groups (Mexican-American, Cuban, Puerto Rican Dominican) with special emphasis on 20<sup>th</sup> century literary works. Students will study demographic, socio-economic, historical and cultural aspects of these groups in the context of their interaction with mainstream society. Course will be given in Spanish. Only one of A Lcs 302 or A Spn 322 may be taken for credit. Prerequisite(s): A Spn 223L or 301 or placement. [DP]

**A Lcs 312 (= A Por 312) Introduction to Brazilian Literature (3)**

Survey of Brazilian literature from the colonial period to the present. Selected readings, discussions, and reports on collateral study. Only one of A Lcs 312 & A Por 312 may be taken for credit. Prerequisite(s): A Por 207 or permission of instructor. May not be offered in 2003-2004.

**A Lcs 314 (= A Spn 318) Topics in Hispanic Film (3)**

A study of Hispanic film as a medium that offers a unique amalgam of diverse musical, pictorial, and literary art forms within a sociopolitical context. The course will focus on such specific topics as peasant movements, human rights, images of women, race, and ethnicity. Only one of A Lcs 314 and A Spn 318 may be taken for credit in any semester. Either may be repeated once for credit, with a change in topic. Consult current schedule of classes for topic. Prerequisite(s): A Spn 223L or permission of instructor. May not be offered in 2003-2004.

**A Lcs 315L (formerly A Lcs 315) Latin America through Film (3)**

Study of culture and society in Latin America as revealed through film. Emphasis on the use of film, especially in the "new cinema" movements, as an instrument for social and political change. History and current trends of cinema in selected countries. Prerequisite(s): A Lcs 100 or 100Z or 145, or permission of instructor. May not be offered in 2003-2004. [AR HU]

**A Lcs 316 (= A Spn 316) Representative Spanish-American Authors (3)**

Survey of literary movements in Spanish America from independence to World War II. Only one of A Lcs 316 & A Spn 316 may be taken for credit. Prerequisite(s): A Spn 223L.

**A Lcs 317 (= A Spn 317) Latin American Civilization (3)**

Study of Spanish-American cultures and institutions from the beginnings of the 20th century. Only one of A Lcs 317 & A Spn 317 may be taken for credit. Prerequisite(s): A Spn 207.

**A Lcs 319 (= A Spn 320) Twentieth-Century Spanish American Literature (3)**

A study of selected works of Spanish American literature from World War II to the present. Works studied will deal with topics of special interest such as the continuing debate with regard to civilization and barbarism, dictatorship and revolution, social justice, and the search for identity. Only one of A Lcs 319 & A Spn 320 may be taken for credit. Prerequisite(s): A Spn 223L.

**A Lcs 321M (= A Eas 321M and A Gog 321M) Exploring the Multicultural City (3)**

This course will explore the human dimensions and implications of ethnic diversity in the United States, focusing on New York City. The course utilizes a variety of methods to introduce students to the multicultural city, beginning in the classroom but ending with fieldwork in a specific New York neighborhood. A Lcs 321M is equivalent in content to A Eas 321M and A Gog 321M; only one of the three courses may be taken for credit. Prerequisite(s): A Gog 102M or 102G; or A Gog 120Z, or 125M; A Gog 160M or 160G; or A Gog 220M; or A Gog 240. [OD SS]

**A Lcs 326 (= A Spn 326) Spanish-American Poetry and Theatre (3)**

Representative Spanish-American plays and selected works in Spanish-American poetry, with emphasis on specific characteristics of the genres. Only one of A Lcs 326 & A Spn 326 may be taken for credit. Prerequisite(s): A Spn 223L.

**A Lcs 327 (formerly A Lcs 275L) Four Caribbean Writers (3-4)**

An introduction to the literature of the Caribbean and to the methods of literary analysis. Writers will be grouped around an essential, universal theme: for example, Claude McKay, Vidia Naipaul, Derek Walcott and Jamaica Kincaid around the theme of homelessness.

**A Lcs 327Z Four Caribbean Writers (4)**

A Lcs 327Z is the writing intensive version of A Lcs 327. Only one may be taken for credit. [WI]

**A Lcs 329 Special Topics in Puerto Rican Studies (3)**

Intensive interdisciplinary examination of a specific aspect on contemporary Puerto Rican Studies. The topic varies from term to term and is indicated every term by the subtitle: e.g. Nineteenth century Agrarian Society or the Political Status Debate or the Migrant Experience. May be repeated for up to 6 credits under different subtitles. Departmental permission required for more than 6 credits. Prerequisite(s): A Lcs 150. 150Z or permission of instructor.

**A Lcs 330 Special Topics in Latin American and the Caribbean (3)**

The specific topic will be selected by the instructor and will vary from semester to semester as indicated by course subtitle. May be repeated for up to six credits under different subtitles.

**A Lcs 331 Special Topics in Latino Studies (3)**

The specific topic will be selected by the instructor and will vary from semester to semester as indicated by course subtitle. May be repeated for up to six credits under different subtitles.

**A Lcs 341M (= A Ant 341M) Ethnology of Mesoamerica (3)**

Survey of the cultures and history of the native peoples of Mexico and Central America. Beginning with the documents created by and about the native peoples around the time of the Spanish invasion, the course follows the experiences of these societies through the colonial period and up to the present. A Ant 341G & A Lcs 341G are the writing intensive versions of A Ant 341M & A Lcs 341M; only one of the four courses may be taken for credit. Prerequisite(s): A Ant 100 or 200M or 200G. Offered spring semester. [BE]

**A Lcs 341G (= A Ant 341G) Ethnology of Mesoamerica (3)**

A Ant 341G & A Lcs 341G are the writing intensive versions of A Ant 341M & A Lcs 341M; only one of the four courses may be taken for credit. Prerequisite(s): A Ant 100 or 200M or 200G. Offered spring semester. [BE WI]

**A Lcs 354 (= A Gog 354) Environment & Development (3)**

A survey of international development issues, focusing on the impact of economic growth, population growth, and increased consumption of natural resources on global and local environments. This course focuses primarily on the poorer countries of the world, and particularly on tropical environments. It discusses issues of deforestation, desertification, and increased vulnerability to man-made and natural hazards. Prerequisite(s): A Gog 101N or 102M or 102G, or permission of instructor.

**A Lcs 354Z (= A Gog 354Z) Caribbean Environment & Development (3)**

Survey and analysis of problems of development and the environment in the Caribbean. Topics covered include the relationship of the region's colonial legacy to present-day underdeveloped and ecological degradation; environmental consequences of various strategies of development; prospects for alternatives such as sustainable development and regional integration. A Lcs 354Z and A Gog 354Z are the writing intensive versions of A Lcs 354 and A Gog 354; only one of the four courses may be taken for credit. Prerequisite(s): A Gog 101N, or A Gog 102M or 102G, or A Gog 250 or A Lcs 250, or A Lcs 102, or A Lcs 269, or permission of instructor. May not be offered in 2003-2004. [WI]

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## **A Lcs 357 Latin American & Caribbean Politics (3)**

The course will examine the current process and societies in the hemisphere. Emphasis will be on Latin America and the Caribbean with implications of globalization for all workers and societies of the Americas. Prerequisite(s): A Lcs 100 or permission of instructor.

## **A Lcs 359 Workers and Globalization in the Americas (3)**

This course explores the following questions: How is "globalization" changing the lives of male and female workers in Latin America and the Caribbean? What links the expansion of global markets and global production networks, to the restructuring of workplaces, households and communities throughout Latin America and the Caribbean? What types of strategies are Latin American workers using to defend living standards and assert their rights in the emerging context of globalization? [GC]

## **A Lcs 360 Political Economy of the Caribbean (3)**

An intensive evaluation of political and economic forces as they have shaped the Caribbean region during the 20th century, particularly the period since World War II. Special attention given to social conflicts and political movements, population growth and migration, urbanization, problems of industry and agriculture, economic planning, education, and superpower confrontations. Prerequisite(s): A Lcs 269. May not be offered in 2003-2004.

## **A Lcs 361 (= A Eco 361) Development of the Latin American Economy (3)**

Economic change in Latin American societies. Comparative study of the growth of various Latin American countries emphasizing the variables associated with development: population, technology, capital formation, output, resources, and income distribution. Only one of A Lcs 361 & A Eco 361 may be taken for credit. Prerequisite(s): A Eco 110M and 111M.

## **A Lcs 369 (= A His 369) Mexico, Central America, and the West Indies since 1810 (3)**

The circum-Caribbean lands and islands in the 19th and 20th centuries; independence; independent nations and colonies; foreign intrusions and interventions; social and economic change; revolutions; comparative Caribbean studies. Only one of A Lcs 369 & A His 369 may be taken for credit. Prerequisite(s): junior or senior class standing, or 3 credits in history. May not be offered in 2003-2004.

## **A Lcs 371 (= A His 371) South America since 1810 (3)**

The political, economic, social, and cultural evolution of the South American nations from the winning of independence to the present, with emphasis on Argentina, Brazil, and Chile. Among topics studied will be dictatorship, democratic government, economic change, modern revolution, and social trends. Only one of A Lcs 371 & A His 371 may be taken for credit. Prerequisite(s): junior or senior class standing, or 3 credits in history.

## **A Lcs 375 (= R Pos 324) Latino Politics in the United States (3)**

This course reviews Mexican, Puerto Rican, and Cuban participation, perspectives and issues on American politics. Each Latino sub-group will be analyzed and comparisons will be made between Latino sub-groups and between Latinos and other groups. The following questions will be examined: What is the context of Latino politics? What characterizes Latino political behavior? What is the place of Latinos in the U.S. political system? What are the political perspectives and values? What issues form the basis of their political mobilization and incorporation? What are their political prospects? We will be concerned with relevant historical, interpretive, and theoretical issues raised by the Latino political experience, with an emphasis on electoral representation, issues of gender, race and ethnicity, education, affirmative action, and radical politics. Only one of A Lcs 375 and R Pos 324 may be taken for credit. [DP]

## **A Lcs 400 Interdisciplinary Research Seminar in Latin American and Caribbean Studies (3)**

An interdisciplinary approach to research in area studies on Latin America and the Caribbean. Special emphasis will be placed on research methods in the Social Sciences and the Humanities and how these methods have been applied by leading Latin American Scholars. Central themes will be selected and the approaches and conclusions of different disciplines will be compared and contrasted. A Lcs 400 is a requirement for all LACS upper division majors.

## **A Lcs 402 Latinos and Health Issues (3)**

This course provides an overview of a broad range of issues related to the health status of Latinos in the United States such as the influence of culture, class, and gender on health care, access to health services, patterns of chronic disease, mental health concerns, family and child health. Prerequisite(s): A Lcs 201

## **A Lcs 403 Special Topics in Latin American Studies (2-3)**

The specific topic will be selected by the instructor and will vary from semester to semester as indicated by course subtitle. May be repeated for up to 6 credits under different subtitles. Prerequisite(s): A Lcs 400 or permission of instructor.

## **A Lcs 405 Special Topics in Caribbean Studies (3)**

An intensive examination of social, economic, political, and cultural issues which affect contemporary Caribbean life and society. Prerequisite(s): A Lcs 400 or permission of instructor.

## **A Lcs 406 Leaders and Societies of the English-Speaking Islands (3)**

An examination of the emergence from an island society of leaders capable of confronting the British legacy of post-colonial island nations. Designed to sharpen research and writing skills. Prerequisite(s): A Lcs 100, 102 or permission of instructor.

## **A Lcs 407 Three Island Revolutions (3)**

An in-depth analysis of the revolutions of Haiti (1791), Cuba (1959), and Grenada (1979). Designed to sharpen research and writing skills. Prerequisite(s): A Lcs 100, 102 or permission of instructor.

## **A Lcs 414 (= A Spn 414) Literature of the Hispanic Caribbean (3)**

Study of selected major writers of Cuba, the Dominican Republic, and Puerto Rico of the 19th and 20th centuries. Special consideration of literature as a reflection of situations and problems peculiar to the Hispanic Caribbean. Conducted in Spanish. Only one of A Lcs 414 & A Spn 414 may be taken for credit. Prerequisite(s): A Spn 223L

## **A Lcs 415 U.S. Latino Literature & Culture (3)**

A study of the development of U.S. Latino literature with special emphasis on the 20th century. Major writings by Mexican, Puerto Rican, Cuban, Dominican, and other groups will be analyzed in reference to the particular experience of each group and its relations to mainstream society. Particular attention will also be given to how gender, race, ethnicity and class interact in the formation of the hybrid cultural experience of U.S. Latinos. Knowledge of Spanish is required. Prerequisite(s): A Lcs 302 (A Spn 322) or permission of the instructor.

## **A Lcs 451 (= A Wss 451) Gender & Class in Latin American Development (3)**

The study of the interplay of cultural, ideological, and structural factors affecting women's lives during the course of Latin America's growing industrialization, from the perspective of gender and class analysis. The topics covered are: household work, paid work, migration, growth of female headed households, and women's political participation. Only one of A Lcs 451 and A Wss 451 may be taken for credit. Prerequisite(s): any course in Latin American Studies and/or Women's Studies. May not be offered in 2003-2004.

## **A Lcs 475 Caribbean Migration (3)**

The focus of the course is post-World War II migration between the Caribbean and the United States—in particular migration from Cuba, the West Indies, the Dominican Republic, and Puerto Rico. The material is interdisciplinary in nature, though highlighting approaches from the fields of economics, sociology, political science, and history. The major topics include (1) Migration theory; (2) U.S. migration policy—its impact on receiving and sending populations; (3) a socio-historical background to post-war Caribbean Migration; and (4) specific migrations from Cuba, the West Indies, the Dominican Republic, and Puerto Rico. Shared resources with A Lcs 575. Prerequisite(s): junior or senior class standing; or permission of instructor.

## **A Lcs 491 (= A Ant 481) Research Projects (3-6)**

Introduction to basic research skills required to answer questions on human behavior, with special emphasis on cross-cultural interaction. Specific research projects provide students with the basic research methods, including data collection, processing, and analysis. Only one of A Lcs 491 & A Ant 481 may be taken for credit. Prerequisite(s): junior or senior class standing or permission of instructor.

## **A Lcs 497 Independent Study (3-6)**

Independent study in an area of special interest to the student under the supervision of the sponsoring faculty member. May be repeated for up to 6 credits. Prerequisite(s): permission of instructor and department chair.

# LINGUISTICS AND COGNITIVE SCIENCE

## Faculty

### *Distinguished Service Professor*

Ernest A. Scatton, Ph.D.

Harvard University

### *Professor Emeritus*

Millicent Lenz, Ph.D.

Northern Illinois University

### *Professors*

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University of California, Berkeley

Laurie Feldman, Ph.D.

University of Connecticut

Francine W. Frank, Ph.D. (Collins Fellow)

University of Illinois

John Justeson, Ph.D.

Stanford University

Istvan Kecskes, Ph.D.

Kossuth University, Hungary

Rose-Marie Weber, Ph.D.

Cornell University

Robert Meyers, Ph.D.

State University of New York at Buffalo

James Neely, Ph.D.

Yale University

Robert Sanders, Ph.D.

University of Iowa

Frank Vellutino, Ph.D.

Catholic University of America

### *Associate Professors*

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George Berg, Ph.D.

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Lee Bickmore, Ph.D.

University of California, Los Angeles

George Broadwell, Ph.D.

University of California, Los Angeles

Cynthia Fox, Ph.D.

Indiana University

Andrew Haas, Ph.D.

University of Rochester

Ronald A. McClamrock, Ph.D.

Massachusetts Institute of Technology

Carla Meskill, Ph.D.

Boston University

Silke Van Ness, Ph.D.

University at Albany

Maurice Westmoreland, Ph.D.

University of Illinois

### *Assistant Professor Emeritus*

George Hastings, Ph.D.

University of Pennsylvania

### *Assistant Professor*

Lotfi Sayahi, Ph.D.

Universidad Complutense Madrid

The linguistics major is designed to provide students with a basic understanding of the nature of human language and the principles and methods of contemporary linguistic theories. The major offers a liberal education that combines the approaches of the humanities, the social sciences and the sciences. It also provides appropriate

preparation for those interested in pursuing graduate work in linguistics or related disciplines. The Program in Linguistics and Cognitive Science and the Department of Educational Theory and Practice offer a combined B.A./M.S. program leading to a bachelor's degree in linguistics and a master's in teaching English to speakers of other languages.

## Careers

Linguistics majors compete favorably with those from other humanities and social science disciplines for entry-level positions in public relations, commerce, publishing and other fields requiring analytical, communication and research skills. Career opportunities for graduates also include computer programming, computer software development, editing, technical writing and dictionary-making.

Students planning to undertake professional study in such fields as law, public administration, public policy, speech pathology and education will find that course work in linguistics provides valuable preparation in analytical skills as well as an understanding of the social implications of language and attitudes toward language. For suggested sequences of courses appropriate to specific areas of advanced study or careers, consult the undergraduate adviser.

## Special Programs or Opportunities

The possibility of studying a foreign language not regularly taught at the University is provided by A Lin 289, Directed Study in Foreign Languages. This course is open to any undergraduate student in the University. For current offerings, consult the undergraduate adviser.

The program also sponsors a minor in Linguistics and Cognitive Science (See Approved Minors section of this bulletin for details).

## Degree Requirements for the Major in Linguistics

General Program B.A.: 36 credits in the major field of study, including: A Lin 220M, 321, 322, 421 or 422, 429; one year of a foreign language (or A Lin 423, Linguistic Structures)\*, as advised; additional credits, as advised, including a minimum of 3 credits at the 300 level or above; these are to be chosen from courses offered by the Program in Linguistics and Cognitive Science and from approved courses in other departments.

\*This language should be of radically different structure from the foreign language chosen for the language proficiency requirement (See below.) Non-Indo-European languages are usually advised. Credits earned in A Lin 289 may be counted toward the 36-credit requirement only if used to fulfill this one-year language requirement.

## Other Degree Requirements

Language Requirement: Majors are required to demonstrate competence in a foreign language equivalent to two years of study of skill courses in a foreign language at the college level. This requirement may be satisfied by course work or the passing of the appropriate examination. Credits earned for the proficiency requirement are additional to the 36-credit requirement described above.

Courses in other departments approved for the linguistics major. (Some of these courses may have prerequisites within the departments offering them.) Consult the undergraduate adviser of the Linguistics and Cognitive Science Program for modifications in this list.

A Ant 424; A Clc 125; A Com 373, 465; A Csi 101N, 201N, 310; A Eng 311L; A Fre 306, 406, 450; A Heb 203; A Phi 210L, 332, 415, 432; A Por 402; A Psy 301, A Psy 365, 381; A Spn 401, 402, 405; one of the following: A Gog 396, A Mat 108, A Psy 210, or A Soc 221.

## Honors Program

Declared majors in linguistics who have completed 12 or more credits of A Lin courses may apply to the program by letter to the director of the Program in Linguistics and Cognitive Science. The requirements are as follows:

1. The major GPA must be at least 3.5, and the overall GPA must be at least 3.25.
2. Students are required to take 39 credit hours. In addition to satisfying all the linguistics major requirements, the 39 hours must include 12 credits of 400 level A Lin courses. Of these 12 credits, seven must come from A Lin 429 Field Methods in Anthropological Linguistics (4 credits) and A Lin 423 Language Structures (3 credits), which constitute a seven credit sequence involving original research projects. Three credits must come from A Lin 495 Honors Thesis (described below). The remaining credits can come from any 400-level Lin course.
3. Students must take A Lin 495 Honors Thesis in which they write a major research paper. The paper can be based on new research or can be a major revision of a paper written for a previous A Lin class or independent study. This course should be taken during the final semester of the student's senior year, under the supervision of an appropriate member of the LINCS faculty. All students in Lin 495 will make an oral presentation of their research before submitting the final written version.

## Combined B.A./M.S. Program

The combined B.A./M.S. program in linguistics and teaching English to speakers of other languages provides an opportunity for students of recognized academic ability and educational

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maturity to fulfill integrated requirements of undergraduate and master's degree programs from the beginning of their junior year. A carefully designed program can permit a student to earn the B.A. and M.S. degrees within nine semesters.

The combined program requires a minimum of 143 credits, of which at least 35 must be graduate credits. In qualifying for the B.A., students must meet all University and college requirements, including the requirements of the undergraduate major described previously, the minor requirement, the minimum 90-credit liberal arts and sciences requirement, general education requirements and residency requirements. In qualifying for the M.S., students must meet all University and college requirements as outlined in the Graduate Bulletin including completion of a minimum of 35 graduate credits and any other conditions such as a research seminar, thesis, comprehensive examination, professional experience and residency requirements. Up to 12 graduate credits may be applied simultaneously to both the B.A. and M.S. programs.

Students are considered undergraduates until completion of 120 graduation credits and satisfactory completion of all B.A. requirements. Upon meeting B.A. requirements, students are automatically considered as graduate students.

Students may apply for admission to the combined degree program at the beginning of their junior year or after the successful completion of 56 credits, but no later than the accumulation of 100 credits. A cumulative grade point average of 3.20 or higher and three supportive letters of recommendation from faculty are required for consideration. Students will be admitted to the combined program upon the recommendation of faculties of the Program in Linguistics and Cognitive Science and the Department of Educational Theory and Practice set up to administer the combined degree program.

## Courses

### A Lin 100M Understanding Language (3)

General introduction to all aspects of the nature and use of language. Language acquisition, language loss, language change, language in society. Films and television documentaries augmented by readings and written exercises. May not be offered in 2003-2004. [IL]

### A Lin 216 (= A Eng 216) Traditional Grammar and Usage (3)

Thorough coverage of traditional grammar and usage with an introduction to the principles of structural and transformational grammar. Brief exploration into recent advances in linguistic thought. Practice in stylistic analysis using such grammatical elements as syntax, voice, subordination and sentence structure.

### A Lin 220M (= A Ant 220M & Eng 217M) Introduction to Linguistics (3)

Introduction to the study of language, including examination of the characteristics and structural principles of natural language. After exploring the basic characteristics of sound, word formation and sentence structure, these principles are applied to such topics as: language variation, language change, psycholinguistics, pragmatics, and animal communication. Only one of A Lin 220M, A Ant 220M, & A Eng 217M may be

taken for credit.

### A Lin 289 Directed Study in Foreign Language (4)

Study of a foreign language not regularly taught at the University; independent work with the guidance of a faculty member using recordings and other material; meetings with native speakers when possible. A limited number of languages may be offered in any one year. May be repeated for a different language or for more advanced study in the same language. Prerequisite(s): permission of undergraduate adviser.

### A Lin 301 (= A Phi 301 & A Psy 301) Introduction to Cognitive Science (3)

Cognitive science investigates the nature of the human mind and cuts across several disciplines (e.g., psychology, computer science, philosophy, linguistics). This course examines the approaches these disciplines use to promote our understanding of various mental phenomena (e.g., perceiving, reasoning, production and comprehension of language, memory.) Only one of A Lin 301, A Phi 301 & A Psy 301 may be taken for credit. May not be offered in 2003-2004.

### A Lin 321 (= A Ant 321) Introduction to Syntax (3)

The human ability to produce and understand an infinite number of different sentences is one of the most remarkable capabilities we have. The study of the structure of sentences is called *syntax*, and this course is an introduction to syntactic theory. The particular approach we will be pursuing is called *generative grammar*, the approach to syntax pioneered by linguists such as Noam Chomsky. Chomsky argues that all humans are born with an unconscious knowledge of Universal Grammar, the basis on which the grammars of all languages are built. Through a detailed examination of English sentence structure, we will investigate the connections between English syntax and Universal Grammar. Only one of A Lin 321 & A Ant 321 may be taken for credit. Prerequisite(s): A Lin 220M or permission of instructor.

### A Lin 322 (= A Ant 322) Introduction to Phonology (3)

Introduction to the description and analysis of human speech sounds and their organization. Introduction to articulatory phonetics and the International Phonetic Alphabet followed by examination and generative phonological analysis of data from English and a wide range of other languages. Only one of A Lin 322 & A Ant 322 may be taken for credit. Prerequisite(s): A Lin 220M or permission of instructor.

### A Lin 325 (= A Ant 325) Sociolinguistics (3)

Introduction to the study of language as a social phenomenon. Includes basic sociolinguistic concepts, interactional sociolinguistics, social dialects, black English, diglossia, bilingualism and bilingual education. Only one of A Lin 325 & A Ant 325 may be taken for credit. Prerequisite(s): A Lin 220M or permission of instructor.

### A Lin 421Z (= A Ant 421Z) Advanced Syntax (3)

This course continues the investigation of the relationship between the grammars of particular languages and Universal Grammar. We will examine the syntax of several languages from around the world asking ourselves the following questions: a.) How do the principles that organize the grammars of other languages around the world compare to English? b.) What grammatical properties are true for all languages? We will discuss the answers to these questions in the light of generative grammar. Only one of A Lin 421Z & A Ant 421Z may be taken for credit. The former A Lin 421 & A Ant 421 do not yield writing intensive credit. Prerequisite(s): A Lin 321 with grade of C or higher. [WI]

### A Lin 422 (= A Ant 422) Advanced Phonology (3)

Advanced studies in generative phonological theory, with a focus on the analysis of prosodic phenomena such as stress, tone, and accent. Discussion of recent theoretical trends in phonology. Only one of A Lin 422 & A Ant 422 may be taken for credit. Prerequisite(s): A Lin 322 with grade of C or higher. May not be offered in 2003-2004.

### A Lin 423 (= A Ant 423) Linguistic Structures (3)

Investigation of the structure of a selected language, language family, or language area; may be repeated for credit when topic differs. Prerequisite(s): A Lin 321 or 322 or consent of instructor. [OD]



**A Lin 425 (= A Ant 425) Comparative and Historical Linguistics (3)**

Language development and change. Language classification, linguistic reconstruction. Prerequisite(s): A Ant 220M or A Lin 220M or consent of instructor. May not be offered in 2003-2004.

**A Lin 429 Field Methods in Anthropological Linguistics (4)**

An introduction to the techniques of collecting and analyzing primary linguistic data from native speakers, taught through intensive examination of a selected language; may be repeated for credit with change in language. Prerequisite(s): A Lin 321 or 322 or permission of instructor.

**A Lin 495 Honors Thesis (3)**

Students in the honors program should enroll in A Lin 495 during one semester of their senior year. Students will write a major paper under the supervision of a faculty member in the Program in Linguistics and Cognitive Science, and deliver an oral presentation of their research. Prerequisite(s): Admission to the honors program in Linguistics.

**A Lin 497 Independent Study in Linguistics (1-6)**

Independent reading or research on a selected topic in linguistics, under the direction of a faculty member. Normally taken for 3 credits, but if the nature of the project warrants it, as many as 6 credits may be earned in one term; may be taken a second time, with approval, for a maximum total of 12 credits. Prerequisite(s): a 300-level course from the list of courses approved for the linguistics major; permission of instructor and director of linguistics program.

**A Lin 499 Seminar on Topics in Linguistics (3)**

Seminar on selected topics in linguistic theory and methodology, chosen on the basis of current interest; may be repeated for credit with change of topic. Prerequisite(s): varies with topic, usually a 300-level linguistics course; permission of instructor.

# University at Albany

## DEPARTMENT OF MATHEMATICS & STATISTICS

### Faculty

#### *Distinguished Teaching Professor*

Edward S. Thomas Jr., Ph.D.  
University of California, Riverside

#### *Distinguished Service Professor*

Timothy L. Lance, Ph.D.  
Princeton University

#### *Distinguished Research Professor*

Charles A. Micchelli, Ph.D.  
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#### *Professors Emeritae/i*

Louis Brickman, Ph.D.  
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Vincent Cowling, Ph.D.

Rice University

Edward D. Davis, Ph.D.

University of Chicago

Nathaniel A. Friedman, Ph.D.

Brown University

Benton N. Jamison, Ph.D.

University of California, Berkeley

Joe W. Jenkins, Ph.D.

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Melvin L. Katz, Ph.D.

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Violet H. Larney, Ph.D.

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Hajimu Ogawa, Ph.D.

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Richard Z. Goldstein, Ph.D.

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Boris Korenblum, Sc.D.

Moscow State University

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University of Chicago

R. Michael Range, Ph.D.

University of California, Los Angeles

Michael I. Stessin, Ph.D.

Moscow State University

Howard H. Stratton, Ph.D.

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Donald R. Wilken, Ph.D.

Tulane University

Kehe Zhu, Ph.D.

State University of New York at Buffalo

#### *Associate Professors Emeritae/i*

Guy D. Allaud, Ph.D.

University of Wisconsin

Herbert I. Brown, Ph.D.

Rutgers University

Lloyd L. Lininger, Ph.D.

University of Iowa

Robert Luippold, M.A.

University of Buffalo

Ricardo Nirenberg, Ph.D.

New York University

Erich Nussbaum, Ph.D.

University of Virginia

John T. Therrien, M.A.

University at Albany

#### *Associate Professors*

Hara Charalambous, Ph.D.

University of Illinois, Urbana-Champaign

William F. Hammond, Ph.D.

Johns Hopkins University

Martin Victor Hildebrand, Ph.D.

Harvard University

Steven Plotnick, Ph.D.

University of Michigan

Karin B. Reinhold-Larsson, Ph.D.

Ohio State University

Carlos C. Rodriguez, Ph.D.

Columbia University

Malcolm J. Sherman, Ph.D.

University of California, Berkeley

Anupam Srivastav, Ph.D.

University of Illinois, Urbana-Champaign

Mark Steinberger, Ph.D.

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#### *Assistant Professors*

Boris Goldfarb, Ph.D.

Cornell University

Cristian Lenart, Ph.D.

University of Cambridge

Jennifer Taback, Ph.D.

University of Chicago

Alexandre Tchernev, Ph.D.

Purdue University

Rongwei Yang, Ph.D.

SUNY Stony Brook

#### *Adjuncts (estimated): 0*

#### *Teaching Assistants (estimated): 30*

The department provides a broad offering of courses from which each student can make a selection designed to satisfy any of a large variety of objectives. In addition to including the standard courses in pure and applied mathematics, our course offerings are unusually strong in statistics and actuarial mathematics. The department offers two majors: the major in mathematics and the major in actuarial and mathematical sciences. A third major, the major in computer science and applied mathematics, is offered jointly with the computer science department.

## Careers

The objective of the department is to serve the needs of students aspiring to careers that require mathematical background: physical, biological, social, and management sciences; statistics, actuarial work, computer science, applied mathematics; secondary school teaching; graduate work; college and university teaching; and research in mathematics. In most cases, training beyond the bachelor's degree is desirable and can often be obtained after the graduate has secured employment. The department also welcomes students who wish to study mathematics as part of a traditional liberal arts education.

## Placement and Proficiency Credit

The University awards up to 8 credits and advanced placement in its sequences of calculus courses based on performance on the advanced placement calculus examinations administered by the College Board. Details concerning the decisions on credit and placement are available from the Admissions Office.

## Admission

Students may not declare a major in either mathematics or actuarial and mathematical science until they have completed at least one of A Mat 113, 119, or 214 with a grade of A, B, C, or S. Transfer credits and grades may be used to satisfy the requirement.

## The Mathematics Major

Students majoring in mathematics may choose to complete the requirements for either the B.A. or B.S. degree. Under any of the four program-degree combinations, a student may apply for admission to the honors program.

Students considering a major in mathematics or actuarial minor are encouraged to visit the department office (ES-110) for advice. Information is also available at the web site <http://math.albany.edu>.

## Degree Requirements for the Major in Mathematics

General Program B.A.: A minimum of 36 credits from the Department of Mathematics and Statistics in courses numbered above 110, including A Mat 214, 220, and a 3-credit course numbered above 300 in each of these four areas: algebra, analysis, geometry/topology, and probability/statistics.

## General Program B.S.:

A minimum of 36 credits from the Department of Mathematics and Statistics in courses numbered above 110, including A Mat 214, 220, and two of the following four options: (1) A Mat 326 and 327, (2) either (a) both A Mat 314 and 315 or (b) any two of 312, 412, 413, or 414, (3) any two of A Mat 342, 441, or 442, (4) any two of A Mat 367, 368, 369, 464, 465, 467, 468. With departmental approval, other 400-level or 500-level courses may be substituted for the courses listed above. In addition, each student must complete: 6 credits in computer science from A Csi 101N, 201N, 203, 204, 205, 310; and a minor in atmospheric science, biology, business, chemistry, computer science, economics, electronics, geology, or physics.

NOTE: The Statistics minor is *not* open to students with a major in mathematics.

## General Program

Students, with suitable advisement, can design programs that will best meet their particular interests and career goals. Note, however, that those who plan to do graduate work in any mathematical field—pure or applied—should obtain as strong an undergraduate background as possible in the basic areas of mathematics: algebra, analysis, and geometry/topology. In particular, they should make every effort to include A Mat 413 and 414 (Advanced Calculus) in their programs.

To guide students in their planning, a number of options, some of a general nature and others to meet specific career objectives, are presented here.

## 1. Liberal Arts (B.A.)

Some professional careers and many jobs require a mathematical background characterized more by breadth than by concentration in any particular area of the mathematical sciences. The purpose of the B.A. program is to assure that the student acquires a broad view of mathematics and statistics. Each B.A. major is required to complete a 3-credit course numbered above 300 in each of these areas: algebra, analysis, geometry/topology, and probability/statistics. The following lists those courses that can be taken to fulfill that requirement:

Algebra: A Mat 326, 326Z, 327, 327Z, 424

Analysis: A Mat 311, 312, 312Z, 314, 409, 412, 412Z, 413, 413Z, 414

Geometry/Topology: A Mat 331, 331Z, 342, 342Z, 432, 432Z, 441, 442

Probability/Statistics: A Mat 367, 367Z, 368, 369, 464, 465, 465Z, 467, 468

Students are urged to explore in greater depth, preferably at the 400 level. Since students will have different goals, it is impossible to provide useful sample programs. Students are encouraged to devise their own plans in consultation with their advisers. However, if a student is to graduate on time, the calculus sequence and linear algebra should be completed during the freshmen and sophomore years.

## 2. Graduate School Preparation

The department offers excellent opportunities for students who plan to go on to graduate work in mathematics and statistics as well as other areas such as computer science, the natural sciences, and the social and behavioral sciences.

Students whose goal is to obtain a graduate degree in mathematics should include in their programs as many of the following core courses as possible in each of the designated areas:

Algebra: A Mat 326, 327, 424

Analysis: A Mat 413, 414

Geometry/Topology: A Mat 342

Probability/Statistics: A Mat 467, 468

Those hoping to do graduate work should also consider entering the honors program.

## 3. Applied Mathematics

Although it is common to classify mathematics as either “pure” or “applied,” the division is often arbitrary. Some extremely abstract mathematics in recent years has turned out to be useful in areas outside mathematics. Students preparing for a career in applied mathematics would be well advised to acquire as strong a background as possible in the pure mathematical areas of analysis, algebra, and geometry/topology. On the other hand, students concentrating in pure mathematics should have some understanding of how to apply mathematical methods to other disciplines.

Listed here are the mathematical subjects that are more commonly applied to problems in other fields along with the corresponding courses in which methodology or applications are treated.

Applied algebra: A Mat 326, 372

Applied analysis: A Mat 311, 314, 315, 409, 412, 416

Numerical Methods: A Mat 313, 401

Probability/Statistics: A Mat 367, 368, 369, 464, 465

## 4. Statistics

Statistics is a widely applied branch of mathematics and the demand for statisticians is high. Preparation for a career or for advanced study in statistics should include one of the following two combinations of courses: (1) probability (A Mat 367 or 367Z, 464) and statistics (A Mat 368 or 368Z, 369 or 369Z, 465 or 465Z), or (2) probability (A Mat 367 or 367Z, 464) and statistics (A Mat 467, 468). Sequence (2) is recommended as the more advanced and thorough treatment. A Mat 424 (advanced linear algebra) is highly recommended. Also useful are A Mat 401, 409, 413 or 413Z, and 414. Because computing is a close adjunct to statistics, students are strongly advised to include A Csi 201N, 205, and 310 as a minimal introduction.

## Honors Program

The honors program is designed for the talented and committed student of mathematics. Successful completion of the program is excellent preparation for graduate work in mathematics.

Students entering the University with strong mathematical backgrounds should consider taking Honors Calculus, A Mat 118 and 119, in place of the standard Calculus, A Mat 112 and 113.

A student may be admitted formally to the honors program at any time after the sophomore year, and then will be formally advised by the Director of the Honors Program. However, any student who is interested in the program should see the Director of the Honors Program as early as possible for informal advisement.

To be admitted, the applicant must have an academic average in all University courses of at least 3.30, and an academic average in all mathematics courses of at least 3.40. Specific course requirements are: A Mat 413 or 413Z, 414, 424, and 9 additional credits from among A Mat 327 or 327Z, 416, 420, 425, 432 or 432Z, 441, 442, 464, 467, 468, 510A, 513A, 520A, 520B, 540A, 557A, 557B, and independent study (maximum of 3 credits).

To be recommended for graduation with honors, the candidate must write an acceptable honors thesis and also maintain an academic average of at least 3.30 in all University courses and at least 3.40 in all mathematics courses numbered 400 or above.

# University at Albany

## The Actuarial Major

The actual major is designed to prepare students for employment in the actuarial field and as preparation for the preliminary actuarial examinations. Past experience suggests that students who pass even one actuarial examination while in college are likely to receive multiple employment offers. Many students have secured employment in the actuarial field before taking or passing any actuarial examinations. The B.S. program in actuarial science exposes students to virtually all the material on the Course 1, 2, 3, and 4 actuarial examinations.

The B.S. in actuarial science was revised in 2002 to reflect recent revisions (jointly made by the Society of Actuaries and by the Casualty Actuarial Society) of the actuarial examinations. The new actuarial major reflects the new examinations' greater emphasis on applied probability, stochastic modeling, economics, and finance.

Actuarial majors who first enrolled at the University at Albany prior to September 2002 may choose to fulfill the requirements of the catalogue in effect at the time of their first enrollment. Or they may decide to fulfill the requirements of the new program. A third option is to modify the old program by making course substitutions – with the written approval of their advisor.

The actuarial exams are interdisciplinary, testing material from several courses. Some of the courses listed below as preparation for an exam are relevant to only a few questions on that exam. Students may reasonably decide to take an exam before taking all the courses listed as relevant.

Course 1 Exam: Mathematical Foundations of Actuarial Science.

Students need A Mat 112, 113, 214, 367, and 368 (continuous probability) before attempting this exam. A Mat 467 and A Eco 110M will also be useful, but only for a few questions.

Course 2 Exam: Interest Theory, Economics, and Finance.

Topics: Interest Theory (A Mat 301/A Eco 351); Microeconomics (A Eco 110M); Macroeconomics (A Eco 111M); Finance (A Eco 466); Interest Theory/Finance (A Mat 301, A Eco 466); Finance/Economics (A Mat 301, A Eco 466).

B Fin 300 may also be useful for the last two topics.

Course 3 Exam: Actuarial models.

Requires A Mat 301, 403A, 464, and 465 (which in turn requires 368).

Course 4 Exam: Actuarial Modeling.

Requires A Mat 464, 465, plus some self-study on topics not normally covered in these course.

Students are encouraged to adhere to the following schedule for required mathematics course.

Year	Fall	Spring
Fresh.	A 112 or 118	113 or 119
Soph.	214	220 & 367(Z)
Junior	301 & 368(Z)	464
Senior	465 & 467	403A and 469 (optional)

Notes: (1) A 469 is an optional one-credit course that drills students on problems from the Course 1 actuarial exam. (2) Actuarial students are encouraged (but not required) to take the honors versions, A Mat 118 and 119 of A Mat 112 and 113.

Students are advised to take A Eco 110M and 111M as freshmen, and in any event, no later than their sophomore year. By doing so, students will not need to take more than one upper division economics course during any single semester.

Most actuarial students will take A Mat 367Z or 368Z (instead of A Mat 367 or 368) in order to meet the University's upper division writing requirement.

## Degree Requirements for the Major in Actuarial and Mathematical Sciences

General Program B.S. A combined major and minor sequence consisting of 63 credits as follows:

36 credits in mathematics: A Mat 112 (or 118), 113 (or 119), 214, 220, 301 (or A Eco 351), 367 (or 367Z), 368 (or 368Z), 403A, 464, 465, and 467.

6 credits: chosen from A Csi 201N, 203, 204, 205, and 310.

6 credits: B Acc 211, B Fin 300.

15 credits in economics: A Eco 110M, 111M, 300, 301, and 466. Note: Actuarial majors automatically fulfill the requirement for a minor in economics (since A Math 301 is equivalent to A Eco 351).

The requirements for graduation with honors for actuarial majors are included under the heading Honors Program.

## Combined B.A./M.A. and B.S./M.A. Programs

The combined B.A./M.A. and B.S./M.A. programs in mathematics provide an opportunity for students of recognized academic ability and educational maturity to fulfill integrated requirements of undergraduate and master's degree programs from the beginning of their junior year. A carefully designed program can permit a student to earn the B.A. or B.S. and the M.A. degrees within nine semesters.

The combined programs require a minimum of 138 credits, of which at least 30 must be graduate credits. In qualifying for the B.A. or B.S., students must meet all University and college requirements, including the requirements of the undergraduate major described previously, the minimum 90- or 60-credit liberal arts and sciences requirement, general education requirements, and residence requirements. In qualifying for the M.A., students must meet all University and college requirements as outlined in the Graduate Bulletin, including completion of a minimum of 30 graduate credits and any other conditions such as a research seminar, thesis, comprehensive examination, professional experience, and residence requirements. Up to 12 graduate credits may be applied simultaneously to both the B.A. and M.A. programs or to both the B.S. and M.A. programs.

Students are considered as undergraduates until completion of 120 graduation credits and satisfactory completion of all B.A. or B.S. requirements. Upon meeting B.A. or B.S. requirements, students are automatically considered as graduate students.

Students may apply to the graduate committee of the department for admission to either combined program in mathematics at the beginning of their junior year or after the successful completion of 56 credits, but no later than the accumulation of 100 credits. A cumulative grade point average of 3.2 or higher and three supportive letters of recommendation from faculty are required for consideration.

## Combined Mathematics and Master of Business Administration Program:

In this program a student is able to obtain a B.S. degree in mathematics and a M.B.A. degree in a total of five years by taking a

coordinated program in mathematics and business administration during the senior year. Application should be made during the second semester of the junior year to the director of the M.B.A. program, School of Business.

### Related Program: Interdisciplinary Major in Computer Science and Applied Mathematics:

This major prepares a student to handle mathematically oriented computer applications in engineering and business. Details of the program are listed under Computer Science.

## Courses

### A Mat 100 Precalculus Mathematics (3)

This course provides a background in those topics that are needed for success in calculus. Topics include graphing techniques, systems of equations, functions, logarithms, and trigonometry. May not be taken for credit by students with credit in any calculus course. Student with credit for the former A Mat 103 (College Algebra) may not take A Mat 100 for credit. Prerequisite(s): three years of high school mathematics or permission of department. May not be offered in 2003-2004.

### A Mat 101 Algebra and Calculus I (3)

An integrated approach to precalculus and calculus. Elements of algebra and analytic geometry necessary to study calculus of one variable. Functions, limits, continuity, differentiation of algebraic functions, applications of differentiation. May not be taken for credit by students with credit for A Mat 100, 106, 112 or 118. Prerequisite(s): three years of high school mathematics or permission of the department. [MS]

### A Mat 102N Mathematics by Visualization (3)

This is a nontraditional course introducing contemporary mathematics primarily by visualization rather than algebra. This will enable the student to learn to see the way mathematicians see. Thus the student will be able to experience creative visualization in mathematics. The content of the course will include fractals; chaos; 4-dimensional geometry; Platonic solids; color maps; Escher tessellations, and impossible figures. A Mat 102F is the writing intensive version of A Mat 102N; only one of these may be taken for credit. Prerequisite(s): three years of high school mathematics or permission of instructor.

### A Mat 102F Mathematics by Visualization (3)

The course is writing intensive and each student will keep a journal (notebook). A Mat 102F is the writing intensive version of A Mat 102N; only one of these may be taken for credit. Prerequisite(s): three years of high school mathematics or permission of instructor. [WI]

### A Mat 105 Finite Mathematics (3)

An introduction to topics of interest to students of the social sciences; sets and logic, partitions and counting, probability, vectors and matrices, theory of games. Prerequisite(s): three years of high school mathematics. [MS]

### A Mat 106 Survey of Calculus (3)

An intuitive approach to differentiation and integration of algebraic and transcendental functions, intended only for students who plan to take no more calculus. Does not yield credit toward the major or minor in mathematics. May not be taken for credit by students with credit for A Mat 111, 112 or 118. Prerequisite(s): A Mat 100 or satisfactory performance on the mathematics placement exam.

[MS]

### A Mat 108 Elementary Statistics (3)

Frequency distributions, measures of central tendency and dispersion, probability and sampling, estimation, testing of hypotheses, linear regression and correlation. Prerequisite(s): three years of high school mathematics. Only one of A Mat 108 and B Msi 220 may be taken for credit. [MS]

### A Mat 109 Applied Matrix Algebra (3)

Matrix algebra as applied to solving systems of linear equations. Markov chains, linear programming. Emphasizes calculations and applications rather than theory. Prerequisite(s): three years of high school mathematics. [MS]

### A Mat 110 Introduction to Maple (2)

A hands-on introduction to the computer algebra system Maple. Basic commands are introduced by way of examples from the areas of algebra, calculus, number theory, graphics, business mathematics, and numerical analysis. Intended for transfer students having no background in Maple. Does not yield credit toward a major in mathematics. Prerequisite(s): A Mat 101 or a semester of calculus.

### A Mat 111 Algebra and Calculus II (4)

The second semester of an integrated approach to precalculus and calculus; serves as a prerequisite to A Mat 113. Applications of differentiation, the definite integral, antiderivatives, logarithms, trigonometry, exponential functions. Only one of A Mat 111, 112 & 118 may be taken for credit. Prerequisite(s): A Mat 101. [MS]

### A Mat 112 Calculus I (4)

Calculus of one variable. Limits, continuity, differentiation of algebraic functions, applications of differentiation, antiderivatives, the definite integral, transcendental functions. Prerequisite(s): A Mat 100 or satisfactory performance on the mathematics placement exam. [MS]

### A Mat 113 Calculus II (4)

Techniques of integration, applications of the definite integral, conics, polar coordinates, improper integrals, infinite series. Prerequisite(s): A Mat 111 or 112.

### A Mat 118 Honors Calculus I (4)

Honors version of first semester calculus. Same topics as A Mat 112, but topics are covered in greater depth. This course is for students with more than average ability and more than average interest in mathematics. Presidential Scholars with a strong interest in mathematics or the physical sciences should consider taking A Mat 118 instead of A Mat 112. A Mat 118 substitutes for A Mat 112 toward the prerequisite in any course. Only one of A Mat 112 & 118 may be taken for credit. Prerequisite(s): three years of secondary school mathematics and permission of the instructor. Offered fall semester only. [MS]

### A Mat 119 Honors Calculus II (4)

Honors version of second semester calculus. Same topics as A Mat 113, but topics are covered in greater depth. This course is for students with more than average ability and more than average interest in mathematics. Presidential Scholars with a strong interest in mathematics or the physical sciences should consider taking A Mat 119 instead of A Mat 113. A Mat 119 substitutes for A Mat 113 toward the prerequisite in any course. Only one of A Mat 113 & 119 may be taken for credit. Prerequisite(s): A Mat 118, a grade of A in A Mat 112, or permission of the instructor. Offered spring semester only.

### A Mat 180 Calculus Seminar (1)

Topics in mathematics that involve calculus and either elaborate concepts from calculus or apply calculus to problems in other areas or disciplines. The seminar is intended for freshmen who have just completed one semester of calculus and wish to enrich their understanding of calculus. Prerequisite(s): one semester of calculus and

permission of instructor.

### A Mat 214 Calculus of Several Variables (4)

Curves and vectors in the plane, geometry of three-dimensional space, vector functions in three-space, partial derivatives, multiple integrals, line and surface integrals. Prerequisite(s): A Mat 113 or 119.

### A Mat 220 Linear Algebra (3)

Linear equations, matrices, determinants, finite dimensional vector spaces, linear transformations Euclidean spaces. Prerequisite(s): A Mat 113 or 119.

### A Mat 221 (= A Csi 221) Introduction to Discrete Mathematics (3)

Topics chosen from sets, relations, induction, binomial theorem, permutations and combinations, counting, and related topics in discrete mathematics. Only one of A Mat 221 & A Csi 221 may be taken for credit. Prerequisite(s) or corequisite(s): A Mat 113 or 119.

### A Mat 301 (= A Eco 351) Theory of Interest (3)

The basic measures of interest, annuities, sinking funds, amortization schedules, bonds, and installment loans. Recommended as partial preparation for Actuarial Society's Course 2 and Course 3 exams.

### A Mat 308 Topics in Statistical Inference (3)

Various statistical techniques such as chi-square tests, multiple regression and correlation; nonparametric statistics, and the analysis of variance as applied to physical, biological, and social sciences. Prerequisite(s): A Mat 108. Offered spring semester only.

### A Mat 311 Ordinary Differential Equations (3)

Linear differential equations, systems of differential equations, series solutions, boundary value problems, existence theorems, applications to the sciences. Prerequisite(s): A Mat 214.

### A Mat 312 Basic Analysis (3)

Theoretical aspects of calculus including construction of the real numbers, differentiation and integration of functions in one variable, continuity, convergence, sequences and series of functions. A Mat 312Z is the writing intensive version of A Mat 312; only one may be taken for credit. Prerequisite(s): A Mat 214.

### A Mat 312Z Basic Analysis (3)

A Mat 312Z is the writing intensive version of A Mat 312; only one may be taken for credit. Prerequisite(s): A Mat 214. [WI]

### A Mat 313 Introduction to Numerical Methods (3)

Introduction to the theory and techniques in the numerical solution of mathematical problems. Topics include solutions of linear and nonlinear equations, interpolation, numerical integration, and numerical solution of differential equations. Only one of A Mat 313 or A Mat 401 may be taken for credit. Prerequisite(s): A Mat 220.

### A Mat 314 Analysis for Applications I (3)

Introduction to topics in mathematical analysis which traditionally have been applied to the physical sciences, including vector analysis, Fourier series, ordinary differential equations, and the calculus of variations. Prerequisite(s): A Mat 214 and 220. Offered fall semester only.

### A Mat 315 Analysis for Applications II (3)

Continuation of A Mat 314. Series solutions of differential equations, partial differential equations, complex variables, and integral transforms. Prerequisite(s): A Mat 314. Offered spring semester only.

### A Mat 326 Classical Algebra (3)

Elementary number theory. Elementary theory of equations over rational, real, and complex fields. A Mat 326Z is the writing intensive version of A Mat 326; only one may be taken for credit. Prerequisite(s): A Mat 113 or 119.

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## A Mat 326Z Classical Algebra (3)

A Mat 326Z is the writing intensive version of A Mat 326; only one may be taken for credit. Prerequisite(s): A Mat 113 or 119. [WI]

## A Mat 327 Elementary Abstract Algebra (3)

Basic concepts of groups, rings, integral domains, fields. A Mat 327Z is the writing intensive version of A Mat 327; only one may be taken for credit. Prerequisite(s): A Mat 220, and either 326 or 326Z.

## A Mat 327Z Elementary Abstract Algebra (3)

A Mat 327Z is the writing intensive version of A Mat 327; only one may be taken for credit. Prerequisite(s): A Mat 220, and either 326 or 326Z. [WI]

## A Mat 331 Transformation Geometry (3)

Classical theorems of Menelaus, Ceva, Desargues, and Pappus. Isometries, similarities, and affine transformations for Euclidean geometry. A Mat 331Z is the writing intensive version of A Mat 331; only one may be taken for credit. Prerequisite(s): A Mat 220. Offered spring semester only.

## A Mat 331Z Transformation Geometry (3)

A Mat 331Z is the writing intensive version of A Mat 331; only one may be taken for credit. Prerequisite(s): A Mat 220. Usually offered spring semester. [WI]

## A Mat 342 Elementary Topology (3)

Networks, map coloring problems, surfaces, topological equivalence, the Euler number, the polygonal Jordan curve theorem, homotopy, the index of a transformation, and the Brouwer Fixed Point Theorem. A Mat 342Z is the writing intensive version of A Mat 342; only one may be taken for credit. Prerequisite(s): A Mat 214 and 220. Offered fall semester only.

## A Mat 342Z Elementary Topology (3)

A Mat 342Z is the writing intensive version of A Mat 342; only one may be taken for credit. Prerequisite(s): A Mat 214 and 220. Usually offered fall semester. [WI]

## A Mat 367 Discrete Probability (3)

Introduction to combinatorial methods and discrete probability models. Binomial, Poisson, hypergeometric, negative binomial distributions. Selected classical problems; e.g., gamblers' ruin. Expected value and variance. Conditional probability. Weak law of large numbers and the central limit theorem. Optional topics; joint probability mass functions, correlations, Markov chains. Mat 367Z is the writing intensive version of Mat 367; only one may be taken for credit. Prerequisite(s): A Mat 113 or 119 plus 6 credits at the 200 level or above in either mathematics or computer science.

## A Mat 367Z Discrete Probability (3)

Writing intensive version of A Mat 367; only one of the two courses may be taken for credit. Prerequisite(s): A Mat 113 or 119 plus 6 credits at the 200 level or above in either mathematics or computer science. Prerequisite(s): A Mat 113 or 119 plus 6 credits at the 200 level or above in either mathematics or computer science. [WI]

## A Mat 368 Statistics and Continuous Probability (3)

Continuous random variables, including the normal, exponential,  $t$ , and chi-square. Maximum likelihood and unbiased estimators. Confidence intervals and hypothesis tests, mainly for normal means and variances, based on one and two samples.  $F$  distribution. Behrens-Fisher problem. May not be taken for credit by students with credit for Mat 362 or Mat 362Z. Mat 368Z is the writing intensive version of Mat 368; only one of Mat 368 and Mat 368Z may be taken for credit. Prerequisite(s): A Mat 214 or A Mat 367 or A Mat 367Z.

## A Mat 368Z Statistics and Continuous Probability (3)

Writing intensive version of A Mat 368; only one may be taken for credit. Mat 368Z may not be taken for credit by students with credit for Mat 362 or Mat 362Z. Prerequisite(s): A Mat 214 or A Mat 367 or A Mat 367Z. [WI]

## A Mat 369 Statistics and Data Analysis (3)

Continuation of Mat 368. Chi-squared tests for goodness-of-fit and for independence. Introduction to regression (cf. A Mat 465). Analysis of variance. Distribution free methods. Robustness, transformations of data. Students will use a statistical computer package (usually Minitab), no prior knowledge of which is assumed. The course will normally be taught in a computer classroom. Normally offered spring semester only. Prerequisite(s): A Mat 368 or A Mat 368Z and A Mat 214.

## A Mat 372 Linear Programming and Game Theory (3)

Operation and theory of the simplex algorithm for solving linear programming problems, duality theory, and matrix games. A Mat 372Z is the writing intensive version of A Mat 372; only one may be taken for credit. Prerequisite(s): A Mat 109 or 220. Usually offered spring semester.

## A Mat 372Z Linear Programming and Game Theory (3)

A Mat 372Z is the writing intensive version of A Mat 372; only one may be taken for credit. Prerequisite(s): A Mat 109 or 220. Usually offered spring semester. [WI]

## A Mat 374 Operations Research (3)

Operations research techniques and applications, linear programming, queuing theory, including birth and death processes, decision theory, network analysis, simulation. Prerequisite(s): A Mat 367 or 367Z or permission of instructor. Offered spring semester only.

## A Mat 401 Numerical Analysis (3)

Error analysis, numerical solution of nonlinear equations, interpolation and polynomial approximation, numerical differentiation and integration, direct methods for solving linear systems. Not more than one of A Mat 313 or A Mat 401 may be taken for credit. Prerequisite(s): A Mat 220. Offered fall semester only.

## A Mat 403A Life Contingencies (3)

Treatment of the contingencies of a single life including: mortality functions, life annuities, life insurance functions, annual premiums, net level premium reserves, the expense factor, and more complex benefits. Prerequisite(s): A Mat 301, 367.

## A Mat 403B Life Contingencies (3)

Expansion of Mat 403A with emphasis on two or more lives in combination and on multiple causes of decrement. Topics include population theory, multi-life statuses, multi-life functions, reversionary annuities, multiple-decrement functions, primary and secondary decrements, and applications of multiple-decrement functions. Prerequisite(s): A Mat 403A.

## A Mat 409 Vector Analysis (3)

Classical vector analysis presented heuristically and in physical terms. Topics include the integral theorems of Gauss, Green, and Stokes. Prerequisite(s): A Mat 214. Offered spring semester only.

## A Mat 412 Complex Variables for Applications (3)

The elementary functions, differentiation, conformal transformations, power series, integral theorems, Taylor's theorems, Taylor's and Laurent's expansions, applications of residues. A Mat 412Z is the writing intensive version of A Mat 412; only one may be taken for credit. Prerequisite(s): A Mat 214. Offered fall semester only.

## A Mat 412Z Complex Variables for Applications (3)

A Mat 412Z is the writing intensive version of A Mat 412; only one may be taken for credit. Prerequisite(s): A Mat 214. Usually offered fall semester. [WI]

## A Mat 413/413Z and 414 Advanced Calculus (3, 3)

A rigorous presentation of the traditional topics in the calculus of several variables and their applications. Topics include the implicit function theorem, Taylor's theorem, Lagrange multipliers, Stieltjes integral, Stokes' theorem, infinite series, Fourier series, special functions, Laplace transforms. A Mat 413Z is the writing intensive version of A Mat 413; only one may be taken for credit. Prerequisite(s): A Mat 312 or 312Z; A Mat 413 or 413Z is a prerequisite for 414. [WI]

## A Mat 416 Partial Differential Equations (3)

The partial differential equations of classical mathematical physics. Separation of variables, eigenvalue problems, Fourier series and other orthogonal expansions. First order equations, Green's functions, Sturm-Liouville theory, and other topics as time permits. Prerequisite(s): a course in Ordinary Differential Equations. Offered fall semester only.

## A Mat 420 Abstract Algebra (3)

Topics in group theory, especially finite group theory, algebraic field extensions, and Galois theory. Prerequisite(s): A Mat 327 or 327Z.

## A Mat 424 Advanced Linear Algebra (3)

Duality, quadratic forms, inner product spaces, and similarity theory of linear transformations. Prerequisite(s): A Mat 220. Offered fall semester only.

## A Mat 425 Number Theory (3)

Divisibility, congruencies, quadratic reciprocity, Diophantine equations, sums of squares, cubes, continued fractions, algebraic integers. Prerequisite(s): A Mat 326 or 326Z. Offered spring semester only.

## A Mat 432 Foundations of Geometry (3)

Axiomatic development of absolute geometry, theory of parallels, introduction to non-Euclidean geometry, isometries of the Bolyai-Lobachevsky plane. A Mat 432Z is the writing intensive version of A Mat 432; only one may be taken for credit. Prerequisite(s): A Mat 220. Offered fall semester only.

## A Mat 432Z Foundations of Geometry (3)

A Mat 432Z is the writing intensive version of A Mat 432; only one may be taken for credit. Prerequisite(s): A Mat 220. Normally only the writing intensive version of this course is offered. [WI]

## A Mat 441 Introduction to Differential Geometry (3)

Differential geometry of curves and surfaces in Euclidean space, frames, isometries, geodesics, curvature, and the Gauss-Bonnet theorem. Prerequisite(s): A Mat 214 and 220. Offered fall semester only.

## A Mat 442 Introduction to Algebraic Topology (3)

Two-dimensional manifolds, the fundamental group and Van Kampen's theorem, covering spaces, graphs, and applications to group theory. Prerequisite(s): A Mat 214 and 220.

## A Mat 452 History of Mathematics (3)

History of the development of mathematics, emphasizing the contributions of outstanding persons and civilizations. A Mat 452Z is the writing intensive version of A Mat 452; only one may be taken for credit. Prerequisite(s): A Mat 214, 326 or 326Z, and either 331 or 331Z or 432 or 432Z. Normally only the writing intensive version of this course is offered.

**A Mat 452Z History of Mathematics (3)**

A Mat 452Z is the writing intensive version of A Mat 452; only one may be taken for credit. Prerequisite(s): A Mat 214, 326 or 326Z, and either 331 or 331Z or 432 or 432Z. Offered fall semester only. [WI]

**A Mat 464 Applied Stochastic Processes (3)**

An overview of various stochastic processes found in practice with particular emphasis on Markov chains. Introduction to queuing theory. Particular attention given to estimation. Examples of applications. Prerequisite(s): A Mat 367 or 367Z or 467. Offered spring semester only.

**A Mat 465 Applied Statistics (3)**

A second or third course in statistics. Central theme is forecasting; i.e., simple and multiple regression and time series. Recommended as partial preparation for Course 3 and Course 4 actuarial exams.

**A Mat 465Z Applied Statistics (3)**

Writing intensive version of A Mat 465; only one of the two courses may be taken for credit. Prerequisite(s): A Mat 220 and either A Mat 368 or A Mat 468. [WI]

**A Mat 467 Continuous Probability and Mathematical Statistics (3)**

One and two dimensional calculus applied to probability. Continuous random variables in one and two dimensions, including the normal, bivariate normal, exponential, gamma (including chi-square) and beta. Density functions of transformations of random variables. Moment generating functions, weak law of large numbers, central limit theorems, convergence of random variables. Maximum likelihood and unbiased estimators. Confidence intervals, mainly for normal means and variances. Recommended as partial preparation for Course 1 actuarial exam. Prerequisite(s): A Mat 367 or Mat 367Z, Mat 214 and Mat 220. Offered fall semester only.

**A Mat 468 Mathematical Statistics (3)**

Neyman-Pearson theory (hypothesis testing), type I and II errors, power functions, generalized likelihood ratio tests. Two-sample confidence intervals and hypothesis tests. Sampling distributions, including the t, chi-square and F, all rigorously defined. Sufficient statistics, Fisher information, minimum variance estimators. Introduction to regression. Prerequisite: A Mat 467. Offered spring semester only.

**A Mat 469 Actuarial Probability and Statistics (1)**

Drill in problem solving for Course 1 exam of The Society of Actuaries. Prerequisite(s): A Mat 467. Offered spring semester only. [S/U graded].

**A Mat 481A and B Senior Seminar (3, 3)**

Study of topics in mathematics, chosen at the discretion of the instructor. Prerequisite(s): permission of instructor.

**A Mat 497 Independent Study in Mathematics (1-3)**

Individual, independent study of selected topics not covered in a regularly scheduled course. Open only to majors in mathematics. May be repeated for credit. Prerequisite(s): junior or senior class standing, and permission of instructor with whom student wishes to study.

**A Mat 499Z Undergraduate Thesis (3)**

Individual, independent study leading to an undergraduate thesis under the direction of faculty chosen by the student. The thesis may be used to fulfill the thesis requirement in the honors program with the approval of the department. Prerequisite(s): permission of instructor. [WI]

## University at Albany

# ***MEDIEVAL AND RENAISSANCE STUDIES PROGRAM***

Director  
Ronald Berger, Ph.D.  
Department of History

The purpose of the Medieval and Renaissance Studies program is to give students a broad, multidisciplinary training in the history and culture of Europe from late antiquity to the early modern period. Both as a major and a minor, the program offers a wide range of courses and a guide for anyone with a special interest in the Middle Ages and the Renaissance. It is especially recommended as a second major for anyone considering going on to graduate study in some aspect of medieval and Renaissance studies.

### **Degree Requirements for the Faculty-Initiated Interdisciplinary Major with a Concentration in Medieval and Renaissance Studies**

General Program B.A.: A minimum of 36 credits: 9 credits of the core history courses, 6 credits in literature and philosophy, 6 credits in art and music, and 15 elective credits chosen from courses approved for the program. If a student applies the credits from one or more of the approved courses of the program to the requirements of a minor (e.g., the 6 credits in literature,) he/she is absolved from fulfilling that particular requirement in the program and may substitute an equal number of credits from any of the elective courses to reach the required minimum of 36 credits.

Majors are required to demonstrate at least an elementary reading ability in Latin either by satisfactory completion of the first year course in this language at the college level or by the completion of two years of instruction in this language in high school or by a test administered at the convenience of the program director. In addition, it is strongly recommended that majors acquire at least an elementary reading ability in one modern Western language other than English.

Courses that conform to the intent and content of the program but are not listed below may be counted towards fulfilling the requirements upon approval of the program director.

### **History Core Courses**

- A His 336 (or 336Z) History of the Early Middle Ages
- A His 337 (or 337Z) The High Middle Ages
- A His 338 (or 338Z) The Italian Renaissance 1300–1530
- A His 339 (or 339Z) Renaissance and Reformation in 16th-Century Europe
- A His 346 The History of England I
- A His 346Z The History of England I
- A His 391 Topics in European History (when appropriate)

### **History Elective Courses**

- A His 235 or 235Z Early and Medieval Christianity
- A Jst 343 or 343Z Issues in Medieval Jewish History
- A Spn 313 Medieval Spain: Christians, Arabs, Jews

### **Literature and Philosophy Courses**

- A Eng 291 The English Literary Tradition I
- A Eng 341 Chaucer
- A Eng 344 Early Works of Shakespeare
- A Eng 345 Later Works of Shakespeare
- A Eng 348 Milton
- A Eng 421 Literature of the Middle Ages
- A Eng 422 Literature of the Earlier - Renaissance
- A Eng 425 Literature of the Restoration and the 18th Century Enlightenment
- A Fre 361 French Literature: Middle Ages to the 17th Century
- A Fre 362 French Literature: 18th to 20th Centuries
- A Ita 421 Dante
- A Ita 441 The Italian Renaissance
- A Jst 430 Maimonides and Spinoza
- A Phi 311 History of Medieval Philosophy
- A Phi 312 Seventeenth- and Eighteenth-Century Philosophy
- A Spn 311 Hispanic Literature through the Golden Age
- A Spn 482 Cervantes

### **Art and Music Courses**

- A Arh 331 Early Medieval & Romanesque Art
- A Arh 332 Gothic Art
- A Arh 341 Renaissance Art of the 15th Century
- A Arh 342 & 342Z Renaissance Art of the 16th Century
- A Mus 205 History of Music I
- A Mus 230L Music History I
- A Mus 287 University Chamber Singers (when appropriate)



# DEPARTMENT OF MUSIC

## Faculty

### Professor Emeritus

Joel A. Chadabe, M.M.

Yale University

### Professor

David M. Janower, D.M.

Indiana University

James R. Morris, D.M.A.

University of Southern California

### Associate Professor Emeritus

Irvin E. Gilman, M.M.

Manhattan School of Music

### Associate Professors

R. Findlay Cockrell, M.S. (Collins Fellow)

Juilliard School of Music

K. Drew Hartzell, Jr., Ph.D.

University of Rochester

Reed J. Hoyt, Ph.D.

University of Pennsylvania

Max Lifchitz, M.M.

Harvard University

Kirk E. Smith, M.A.

University of Denver

### Assistant Professors

Robert J. Gluck, M.F.A.

Rensselaer Polytechnic Institute

### Adjuncts (estimated): 12

The major undergraduate programs offered by the Music Department provide students with the fundamental knowledge and technical capabilities necessary for the pursuit of graduate studies or professional activities. These programs, as well as the minor and the many possibilities for a double major, are also components of a liberal arts education and in that context provide preparation for a variety of careers.

Course offerings include a variety of introductory and advanced lectures and lab courses in composition, history and literature, theory, and performance. Seminars, independent study, and internships are also available for majors. Students intending to pursue graduate study in musicology or theory are urged to enroll in foreign language study.

Opportunities for participation in various performance ensembles are provided for majors and nonmajors. Individualized performance instruction for students not in the Departmental Programs may be available by consent of the instructor and the department chair. The department sponsors concerts by its ensembles, faculty, students, and guest artists each semester.

The facilities include housing for musical instruments, practice rooms, a department library and listening room, an electronic music studio and three concert halls.

## Degree Requirements for the Major in Music

All majors take the following core courses (24 credits): 16 credits in the theory sequence (A Mus 140, 141, 142, 143, 240, 242); 6 credits in music history (A Mus 230L & 231L) and 2 credits (2 semesters) in ensemble (A Mus 185, 186, 187, 287, or 289 [as appropriate]). All students registered for A Mus 140 and 141 must: 1) be able to read music and 2) satisfactorily pass a departmental aptitude examination which will be administered during the first scheduled class in the fall semester. In addition a noncredit competency exam in piano is given at that time. Those deficient in this area will be required to enroll in an appropriate level of A Mus 165/A Mus 166 (Functional Piano). A grade of C- or higher in A Mus 166 will be needed to satisfy this requirement. Credit for A Mus 165 and/or A Mus 166 will not apply toward major or minor requirements.

Each major program also contains electives, allowing students to emphasize individual interests. A balance of study in historical and technical areas is encouraged.

### General Program

B.A.: 36 credits:

**1. Core:** 24 credits to include: A Mus 140, 141, 142, 143, 240, 242; 6 credits in music history (A Mus 230L & 231L) and 2 credits (2 semesters) in ensemble (A Mus 185, 186, 187, 287, or 289 [as appropriate]).

**2. Electives:** 12 credits at the 300-level or above in courses intended for music majors and minors (except A Mus 378, 478, and 479) to include at least 3 credits from A Mus 432Z, 433Z, or 435Z and at least 3 credits from A Mus 320, 350, 352, or 360.

## Departmental Programs in Composition, Music Technology, History, Theory, Conducting, Performance

Admission to these programs requires permission of the appropriate departmental committee.

### Departmental Program,

B.A.: 54 credits minimum:

**1. Core:** 24 credits to include: A Mus 140, 141, 142, 143, 240, 242; 6 credits in music history (A Mus 230L & 231L) and; 2 credits (2 semesters) in ensemble (A Mus 185, 186, 187, 287, or 289 [as appropriate]).

## 2. Concentration:

*Composition, History or Theory:* 12 credits in the concentration from 300- and 400-level courses intended for music majors and minors as advised and approved by the department chair. (Students with concentrations in composition are required to take A Mus 320 or A Mus 321 and A Mus 325 as part of their concentration.)

*Conducting:* 15 credits in one of the following specializations:

Choral Conducting: 6 credits of A Mus 270V; A Mus 360, 361, and 461.

Instrumental Conducting: 6 credits of A Mus 270 (as appropriate); A Mus 360, 362, and 462.

*Music Technology:* 12 credits to include A Mus 193, 295, 325, and 327.

*Performance:* 12 credits (4 semesters) from A Mus 178, 278, 378, 478, 479.

**3. Electives:** 12 credits at the 300-level or above in courses intended for music majors and minors (except A Mus 378, 478, and 479) to include at least 3 credits from A Mus 432Z, 433Z, or 435Z and at least 6 credits from A Mus 320, (neither A Mus 320 nor 321 will count as electives in the Composition Program), 350, 352, or 360.

## 4. Ensemble/Performance:

*Composition, Music Technology, History or Theory:* 6 credits (6 semesters) in ensemble (A Mus 185, 186, 187, or 287) or performance (except A Mus 165 and 166) in addition to the core requirements. Those in the Music Technology Program may substitute 2 credits (2 semesters) of A Mus 289 for 2 credits (2 semesters) or A Mus 185, 186, 187, or 287.

*Conducting:* 3 credits (3 semesters) in ensemble appropriate to the concentration or A Mus 170Q or 270Q as advised.

*Performance:* 6 credits (6 semesters) for instrumentalists and vocalists from A Mus 180, 182, 184, 185, 186, 187, or 287 (as appropriate to their specialization); 2 credits (2 semesters) for pianists/guitarists from A Mus 180, 182, 184, 185, 186, 187, or 287; and 4 credits as advised.

## 5. Additional Requirements:

*Composition:* Compositions performed in an approved graduation recital or the equivalent.

*Performance:* Admission to the program by audition. Performance examinations held at the end of each semester but the first, or unless the student is presenting a graduation recital that semester. Participation in an approved graduation recital.

*Music Technology, History, Theory,*

*Conducting:* An approved senior research project.

# University at Albany

## Courses for Nonmajors

### **A Mus 100L Introduction to Music (3)**

Understanding the art of music through directed listening emphasizing the many uses of musical material. Uses numerous illustrations accenting the criteria that determine quality. [AR]

### **A Mus 102L The Golden Age of Piano Music (3)**

An introduction to the art of music through the study of piano compositions from the Romantic Era. Emphasis will be placed on directed listening to live and recorded performances of major works by Chopin, Liszt, Schubert, Fanny and Felix Mendelssohn, Clara and Robert Schumann, Gottschalk, Coleridge-Taylor and many others. [AR]

### **A Mus 110 Basic Music Theory (3)**

Consideration of the rhythmic, melodic and harmonic elements of music through writing, dictation and analysis of rhythm, modes, intervals, keys, scales, triads in progression and form. Analysis of a variety of musical styles. Previous musical experience helpful but not necessary. Students with credit for A Mus 140 will not, subsequently, receive additional credit for A Mus 110. A Mus 110 and A Mus 140 may not be taken concurrently. Limited to nonmajors.

### **A Mus 115L Jazz: America's Music (3)**

An overview of the history of Jazz, its origins and evolution. Emphasis will be placed on the music of well-known Jazz performers and composers. Numerous illustration, listening examples and other appropriate materials will be included as part of the course material. The student will enhance his or her understanding of the truly American art form. [AR]

### **A Mus 208L Introduction to Opera (3)**

Defining the medium, its premises and problems, its gradual formation through history, and its function as a dramatic art form. Only one of A Mus 208L and 338L may be taken for credit. [AR]

### **A Mus 209 (= A Aas 209) Black American Music (3)**

An introduction to Black American Music. Study will include music from West Africa as well as musical/social influences throughout American History. Musical styles will include spirituals, gospel, blues, jazz and classical

### **A Mus 211L The Concerto (3)**

Study of the concerto grosso and solo concerto from the 17th century onward, and the resulting classical forms and variations. Prerequisite(s): one 100- or 200-level music lecture course or equivalent experience. [AR]

### **A Mus 213L Survey of Symphonic Music (3)**

Study of symphonic literature. The growth of the orchestra, symphonic forms and major symphonies. Prerequisite(s): one 100- or 200-level music lecture course or equivalent experience. [AR]

### **A Mus 214L American Music (3)**

American music from 1620 to the present. Prerequisite(s): one 100- or 200-level music lecture course or equivalent experience. Only one of A Mus 214L and 334L may be taken for credit. [AR]

### **A Mus 216L (= A Lcs 216L) Music and Society in Latin America: Past and Present (3)**

This course will deal with two basic issues: the evolution of musical thought throughout Latin America from pre-Hispanic times to the present, and the relationship between musical manifestations and the prevailing social order in which those activities took place. A Mus 216E & A Lcs 216E are the writing intensive versions of A Mus 216L & A Lcs 216L; only one of the four courses may be taken for credit. [AR; DP if taken before Fall 2004; HU]

### **A Mus 216E (= A Lcs 216E) Music and Society in Latin America: Past and Present (4)**

A Mus 216E & A Lcs 216E are the writing intensive versions of A Mus 216L & A Lcs 216L; only one of the four courses may be taken for credit. [WI]

### **A Mus 217L (= A Wss 217L) Women and Music (3)**

An examination of the contributions of women in music through a historical survey of Western art music and a brief survey of popular and non-Western musics. Works by women composers as well as other phases of women's activities as musicians will be studied. Live performances and interviews will be arranged when possible.

### **A Mus 218 (formerly A Mus 318) Special Topics in Music (1-4)**

Group studies that provide the opportunity to explore significant subject areas of interest to faculty and students. Consult fall and spring schedule of classes for specific topics. May be repeated for credit when topic differs. Prerequisite changes with topic and is announced.

## Courses for Majors and Minors

### Composition & Music Technology

#### **A Mus 227 (formerly A Mus 254) Computer Applications in Music I (3)**

The course will provide students with practical experience employing computers in basic musical applications such as notation, sound design and audio editing. Students will be expected to become familiar with the MIDI studio and with four software packages: Finale, Nightingale, Overture, Digital Performer and Sound Tools. Enrollment will be limited to twelve students per term in order to give students ample opportunity to work in the music technology lab. Only one of A Mus 227, A Mus 327 and the former A Mus 254 may be taken for credit. Prerequisite(s): Permission of Instructor.

#### **A Mus 320 Introduction to Composition (3)**

Techniques of musical composition, notational problems, and examination of students' creative work. Only one of A Mus 320 or 321 may be taken for credit. Prerequisite(s): A Mus 142. [AR OD]

#### **A Mus 321 (formerly A Mus 324) Composition I (3)**

Individual instruction in the fundamentals of music composition. Limited to departmental majors in composition. Only one of A Mus 320 or 321 may be taken for credit. Prerequisite(s): A Mus 142 and permission of instructor.

#### **A Mus 322 Advanced Composition (3)**

A continuation of studies initiated in A Mus 320 or 321. Credit does not apply toward departmental programs in composition or music technology. May be repeated for a total of 12 credits. Only one of A Mus 322 or 420 may be taken for credit. Prerequisite(s): A Mus 320 or 321 and permission of instructor.

#### **A Mus 325 Introduction to Electronic Music (3)**

Integrated approach to the techniques, theories and aesthetics of electronic music, including basic electronics and acoustics, with emphasis on instructing the student to use a synthesizer. Prerequisite(s): one 100- or 200-level music course or permission of instructor. [AR]

#### **A Mus 326 (formerly A Mus 427) Creative Work in Electronic Music (3)**

Analog and digital techniques and concepts in electronic music and related fields, with emphasis on evaluation and discussion of creative work produced by students in the electronic music studios. May be repeated for a total of 12 credits; only one of A Mus 326 or 425 may be taken for credit. Prerequisite(s): A Mus 325 and permission of instructor.

**A Mus 327 Computer Applications in Music I (formerly A Mus 254) (3)**

The course will provide students with practical experience employing computers in basic musical applications such as notation, sound design and audio editing. Students will be expected to become familiar with the MIDI studio and with four software packages: Finale, Nightingale, Overture, Digital Performer and Sound Tools. Enrollment will be limited to twelve students per term in order to give students ample opportunity to work in the music technology lab. Only one of A Mus 227, A Mus 327 and the former A Mus 254 may be taken for credit. Prerequisite(s): A Mus 140 and corequisites 141 and 165, if necessary.

**A Mus 328 (formerly A Mus 354) Computer Applications in Music II (3)**

This course will provide students with an opportunity for advanced work with several computer applications currently in use for sound design, algorithmic problem solving, and audio editing. These applications include Metasynth, Cloud Generator, Sound Hack and Max. Prerequisite(s): A Mus 227 or 327 (or former 254) and/or permission of instructor.

**A Mus 420 (formerly A Mus 424)****Composition II (3)**

Individualized instruction in musical composition to develop technical skills in creative expression. Limited to department majors in composition. May be repeated for a total of 12 credits; only one of A Mus 322 or 420 may be taken for credit. Prerequisite(s): A Mus 320 or 321.

**A Mus 425 Seminar in Electronic Music (3)**

A continuation of studies initiated in A Mus 325, with focus on advanced techniques and applications of current software and hardware. Limited to departmental majors in composition and music technology. Only one of A Mus 326 or A Mus 425 may be taken for credit. May be repeated for a total of 12 credits.

**Music History and Literature****A Mus 230L Music History I (3)**

Intensive study of the music of Western civilization from antiquity to the mid-18th century. Prerequisite(s): A Mus 143. Offered fall semester only. [AR EU]

**A Mus 231L Music History II (3)**

Intensive study of the music of Western civilization from the mid-18th century to the present. Prerequisite(s): A Mus 230L. Offered spring semester only. [AR EU]

**A Mus 334L Survey of American Music (3)**

A historical survey of American music, from its roots in the early 17th century to contemporary times. Only one of A Mus 214L and 334L may be taken for credit. Prerequisite(s): A Mus 142. [AR]

**A Mus 338L Survey of Opera (3)**

An introduction to the forms and conventions of musical dramas. Selected works from its Florentine beginning through the 20th century. Video presentations and live performances will be arranged when possible. Only one of A Mus 208L and 338L may be taken for credit. Prerequisite(s): A Mus 142 and music major. [AR]

**A Mus 432Z Music of the Baroque Period (3)**

Study of the music of the period, approximately 1600–1750, from the invention of opera through the works of J. S. Bach and Handel. Prerequisite(s): A Mus 230L. [WI]

**A Mus 433Z Music of the Classical and Romantic Periods (3)**

Intensive study of the music and the composers of these periods, emphasizing the various forms of genres. The music from J. S. Bach's sons and Gluck to the symphonic works of Brahms, Mahler, and Richard Strauss. May not be taken for credit by students with credit for A Mus 434Z. Prerequisite(s): A Mus 230L and 231L. [WI]

**A Mus 435Z Music of the 20th Century (3)**

Identifying and examining the major musical genres of the century, the literature of the principal media and the masterworks, as well as the influence of electronic instruments and sound, and non-Western music. Prerequisite(s): A Mus 230L and 231L. [WI]

**A Mus 436 Music Since 1950 (3)**

The literature, aesthetics and techniques of contemporary music for instruments, voices and electronic media. Prerequisite(s): A Mus 230L and 231L.

**Music Theory****A Mus 140 Theory I (3)**

An examination of fundamental materials basic to tonal music including chord structures harmonic function, nonharmonic tones and simple part-writing. Concepts are coordinated with the content of A Mus 141. A Mus 140 and A Mus 110 may not be taken concurrently. Corequisite(s): A Mus 141 and, if necessary, 165 or 166. Prerequisite(s): ability to read music and a satisfactory score on the departmental aptitude exam given during the first scheduled class meeting. Offered fall semester only.

**A Mus 141 Sight-Singing and Dictation I (2)**

Development of musicianship through intensive drill in aural perception and music reading. Corequisite(s): A Mus 140 and 165 or 166, if necessary. Prerequisite(s): ability to read music and a satisfactory score on the departmental aptitude exam given during the first scheduled class meeting. Offered fall semester only.

**A Mus 142 Theory II (3)**

Study of nonharmonic tones, continued study of harmonic structures through secondary chords, mode mixture chords, and modulation, as well as elementary form. Prerequisite(s): A Mus 140 and 141. Corequisites: A Mus 143 and 166, if necessary.

**A Mus 143 Sight-Singing and Dictation II (2)**

Continued drill in aural perception and music reading. Corequisite: A Mus 142 and A Mus 166. Prerequisite(s): A Mus 140 and 141. Offered spring semester only.

**A Mus 240 Theory III (3)**

Advanced study of chromatic harmony, elementary counterpoint and larger forms. Sight-singing, dictation and keyboard drill coordinated with course content. Prerequisite(s): A Mus 142 and 143 with a grade of C- or higher. Offered fall semester only.

**A Mus 242 Theory IV (3)**

Continued advanced study of harmonic, melodic and formal structures with an emphasis on 20th-century practices. Sight-singing, dictation and keyboard drill coordinated with course content. Prerequisite(s): A Mus 240. Offered spring semester only.

**A Mus 350 Orchestration I (3)**

Basic instrumental techniques, principles of orchestration and scoring for various instrumental ensembles. Prerequisite(s): A Mus 142.

**A Mus 352 Tonal Counterpoint (3)**

The art of combining musical lines in a tonal idiom. Analysis of models from the literature of the 18th and 19th centuries. Prerequisite(s): A Mus 142.

**A Mus 455 Form and Analysis of Tonal Music (3)**

Analysis of selected works of instrumental and vocal literature and their compositional techniques, with emphasis on the important formal types. Prerequisite(s): A Mus 240. [OD]

**Performance Classes****A Mus 360 Conducting I (3)**

Introduction to the elements of conducting, including score-reading, baton technique and aural perception. Emphasizes choral and orchestral literature of the 18th and 19th centuries. Concurrent participation in a university ensemble is required. Prerequisite(s): A Mus 142 or permission of instructor.

**A Mus 361 Conducting II (Choral) (3)**

Individual instruction in conducting. Further study of baton technique, rehearsal techniques, ensemble vocal techniques, and score study, covering literature of a broad spectrum but emphasizing the literature performed by department ensembles. Concurrent enrollment in an appropriate ensemble is required. Conducting and/or assisting with an ensemble may be part of a student's work. Prerequisite(s): A Mus 360; A Mus 242 or concurrent enrollment therein; A Mus 270 or concurrent enrollment therein; and permission of instructor.

**A Mus 362 Conducting II (Instrumental) (3)**

Individual instruction in conducting. Further study of baton techniques, rehearsal techniques, ensemble instrumental techniques, and score study, covering literature of a broad spectrum but emphasizing the literature performed by departmental ensembles. Concurrent enrollment in an appropriate ensemble is required. Conducting and/or assisting with an ensemble may be part of the student's work. Prerequisite(s): A Mus 360; A Mus 242 or concurrent enrollment therein; A Mus 270 or concurrent enrollment therein; and permission of instructor.

**A Mus 373 String Instruments I (3)**

Performance on the string instruments. Course includes the basic techniques and the fundamental problems involved in playing and teaching the violin, viola, cello and contrabass. Open to all students who can read music. Prerequisite(s): permission of instructor.

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## **A Mus 461 Conducting III (Choral) (3)**

Advanced individual instruction in choral conducting. Further study of the areas defined in A Mus 361. Concurrent enrollment in an appropriate ensemble is required. Students at this level will be expected to function as assistant conductors of an ensemble. Normally, students will give a conducting recital at the end of their senior year, or participate as conductor in recitals several times over the year. Prerequisite(s): A Mus 361 at B- or better; concurrent enrollment in an appropriate ensemble; and permission of instructor

## **A Mus 462 Conducting III (Instrumental) (3)**

Advanced individual instruction in instrumental conducting. Further study of the areas defined in A Mus 362. Concurrent enrollment in an appropriate ensemble is required. Students at this level will be expected to function as assistant conductors of an ensemble. Normally, students will give a conducting recital at the end of their senior year, or participate as conductor in recitals several times over the year. Prerequisite(s): A Mus 362 at B- or better; concurrent enrollment in an appropriate ensemble; and permission of instructor.

## **Performance Study**

The study of keyboard, voice or orchestral instruments. Functional Piano is limited to students enrolled in the music theory core courses (majors or minors) who have not satisfied the piano competency requirement. Secondary Performance Study is available for majors or minors and students in performing ensembles when funding or scheduling permits. Major Performance Study is limited to music majors accepted into the Departmental Program in Performance. Both Major and Secondary Performance Study require concurrent enrollment in an appropriate performing ensemble (keyboard & guitarists excepted) and permission of the instructor and the department chair.

## **A Mus 165 Functional Piano I (1)**

Corequisite: A Mus 140.

## **A Mus 166 Functional Piano II (1)**

Prerequisite(s): A Mus 165 or permission of instructor.

## **A Mus 170 Secondary Performance (1)**

May be repeated for credit. [AR]

## **A Mus 270 Secondary Performance (3)**

May be repeated for credit. [AR]

## **A Mus 178 Major Performance Study I (3) [AR]**

## **A Mus 278 Major Performance Study II (3)**

Prerequisite(s): A Mus 178. [AR]

## **A Mus 378 Major Performance Study III (3)**

Prerequisite(s): A Mus 278.

## **A Mus 478 Major Performance Study IV (3)**

Prerequisite(s): A Mus 378.

## **A Mus 479 Major Performance Study V (3)**

Prerequisite(s): A Mus 478.

Performance study is available in the following subject areas: piano, harpsichord, guitar, organ, voice, flute, oboe, clarinet, bassoon, French horn, trumpet, trombone, tuba, percussion, harp, viola, violin, violoncello and string bass.

## **Performing Ensembles**

Open to all students by audition except where noted otherwise. May be repeated for credit.

## **A Mus 180 Chamber Ensembles (1) [AR]**

## **A Mus 182 University Percussion Ensemble (1) [AR]**

## **A Mus 183 Pep Band (1)**

S/U graded.

## **A Mus 184 University Jazz Ensemble (1) [AR]**

## **A Mus 185 University-Community Symphony Orchestra (1) [AR]**

## **A Mus 186 University-Community Symphonic Band (1) [AR]**

## **A Mus 187 University-Community Chorale (1) [AR]**

No audition required.

## **A Mus 287 University Chamber Singers (2) [AR]**

## **A Mus 289 Electronic Music Ensemble (1)**

Prerequisite(s): A Mus 325 or permission of instructor. S/U graded. [AR]

## **Additional Course Areas**

## **A Mus 193 (formerly A Mus 195) The Music Industry (3)**

An introduction to the music industry in America including its impact on society and its creative, legal, and business components. Prerequisite(s): A Mus 140 and 141, or permission of instructor.

## **A Mus 295 Audio Recording Fundamentals (3)**

An examination of the basic equipment used for audio recording and the technical application of this equipment. Recording projects will provide "hands on" experience. Limited class size. Prerequisite(s): A Mus 140 and 141, 193, and/or permission of the instructor.

## **A Mus 298 Piano Technology (3)**

The evolution, design, and servicing of upright and grand pianos. Prerequisite(3): A Mus 110 or 140 and 141, or permission of instructor.

## **A Mus 315 (= A Thr 315) Arts Management (3)**

An overview of the conceptual and practical management structures and systems in professional, not-for-profit arts and cultural organizations. The course focuses on areas of prime importance to the arts manager: organizational structure, planning, board/staff leadership, programming and budgeting. Term project required. Only one of A Mus 315 and A Thr 315 may be taken for credit. Prerequisite(s): permission of instructor.

## **A Mus 398 Special Topics in Music (1-4)**

Studies in special interest areas. Topics are announced in the schedule of classes. May be repeated for credit with change in topic. Prerequisite(s): music major and permission of department chair.

## **A Mus 490 Internship in Music (3)**

Opportunities for qualified individual students for training in an internship capacity with respected professional organizations. Students write an internship report under the direction of a faculty member. May be repeated for credit to a maximum of 12 credits provided the internship offers different learning and training. Prerequisite(s): music major and permission of department chair. S/U graded.

## **A Mus 497 Independent Study (1-4)**

Intensive study in areas of specific interest to the music major. This restricted offering represents a culmination of concentration in one of the designated programs and serves as a basis for further study at the graduate level. The project report is completed under the direction of a staff member. May be repeated for credit. Prerequisite(s): music major and permission of department chair.

# DEPARTMENT OF PHILOSOPHY

## Faculty

### *Distinguished Teaching Professor Emeritus*

Josiah B. Gould Jr., Ph.D.

Johns Hopkins University

### *Professors*

Robert C. Howell, Ph.D.

University of Michigan

John Kekes, Ph.D.

Australian National University

Robert G. Meyers, Ph.D.

State University of New York at Buffalo

Bonnie Steinbock, Ph.D.

University of California, Berkeley

### *Professor Emeritae/i*

Berel Lang, Ph.D.

Columbia University

Thomas R. Martland, Ph.D.

Columbia University

William L. Reese, Ph.D.

University of Chicago

Kenneth Stern, Ph.D.

Yale University

Naomi Zack, Ph.D.

Columbia University

### *Associate Professors*

Rachel Cohon, Ph.D.

University of California, Los Angeles

Jonathan Mandle, Ph.D.

University of Pittsburgh

Ronald A. McClamrock, Ph.D.

Massachusetts Institute of Technology

Anthony M. Ungar, Ph.D.

Stanford University

### *Associate Professors Emeritae/i*

Warder H. Cadbury, M.A.

Yale University

Robert M. Garvin, Ph.D.

Columbia University

William V. Grimes, Ph.D.

University of North Carolina

Harold Morick, Ph.D.

Columbia University

### *Assistant Professors*

Bradley Armour-Garb, Ph.D.

CUNY

Lee A. Franklin, Ph.D.

Ohio State University

*Teaching Assistants (estimated): 10*

The department offers diversified and flexible programs leading to the B.A. and M.A. degrees. A combined B.A./M.A. program is available to qualified students. Through lectures, seminars, tutorials, guided research, undergraduate and graduate colloquia, a student philosophy club, interdisciplinary and special studies programs, and visiting philosophers, a challenging and balanced context for philosophical development is provided for major and nonmajor alike.

## Careers

In pursuing philosophy, students develop their ability to solve problems, communicate effectively and organize ideas. Philosophy majors are successfully employed in many different areas of the private sector and government service—as managers, administrators, journalists, etc.—wherever a liberal education combining analytical skills with breadth of perspective is valued. Holders of the bachelor's degree in philosophy obtain jobs held by liberal arts graduates in newspapers, government, management, law, and computer-connected businesses.

## Degree Requirements for the Major in Philosophy

Students are required to complete a minimum of 36 credits in philosophy, no more than 6 of which may be at the 100 level. These required credits must include: A Phi 110L, 210L, 212L, 310, 312; an additional upper division historical course from among A Phi 311, 314, 315, 321, 329, 342, 344, 346, 442, 523, 524, 544, 546, 550, 552, 554, 556; a course numbered A Phi 400 or above. (A student may substitute A Phi 412 or A Phi 416 for A Phi 110L.)

Students are strongly urged to plan their individual programs of study in consultation with their advisers and in the light of their interests and career goals.

## Honors Program

The purpose of the honors program is to provide well-qualified students with close contact with faculty and fuller training in philosophical research and writing than are normally possible.

Students may be admitted in the second semester of their sophomore year or during their junior year. To be admitted, students must have completed 12 credits of course work from the Department of Philosophy. In addition, students must have a cumulative grade point average of 3.25 overall and 3.50 in philosophy. Students must submit evidence of their written work, preferably a paper written for a philosophy course. A departmental honors committee administers the program, admitting students and evaluating their work.

Students are required to complete a minimum of 42 credits. They must fulfill all regular requirements for the major, and in addition, take at least two 500-level courses in philosophy (8 credits), and A Phi 498, Honors Thesis (4 credits). The honors thesis is a 20–30 page essay, written in the senior year, under the supervision of a faculty member in the department, and acceptable to the departmental honors committee.

Students are graduated “with honors in philosophy” upon satisfactory completion of the curricular requirements with a grade point average of 3.50 in philosophy and a minimum 3.25 overall.

## Combined B.A./M.A. Program

The combined B.A./M.A. program in philosophy provides an opportunity for students of recognized academic ability and educational maturity to fulfill integrated requirements of undergraduate and master's degree programs from the beginning of the junior year. A carefully designed program can permit a student to earn the B.A. and M.A. degrees within nine semesters.

The combined program requires a minimum of 138 credits, of which at least 30 must be graduate credits. In qualifying for the B.A., students must meet all University and college requirements, including the requirements of the undergraduate major described previously, the minor requirement, the minimum 90-credit liberal arts and sciences requirement, general education requirements, and residency requirements. In qualifying for the M.A., students must meet all University and college requirements as outlined in the Graduate Bulletin, including completion of a minimum of 30 graduate credits, and any other conditions such as a research seminar, thesis, comprehensive examination, or other professional experience and residency requirements. Up to 12 graduate credits may be applied simultaneously to both the B.A. and M.A. programs.

Students are considered as undergraduates until completion of 120 graduation credits and satisfactory completion of all B.A. requirements. Upon meeting B.A. requirements, students are automatically considered as graduate students.

Students may apply for admission to the combined degree program in philosophy at the beginning of their junior year or after the successful completion of 56 credits, but no later than the accumulation of 100 credits. A cumulative grade point average of 3.20 or higher and three supportive letters of recommendation from faculty are required for consideration.

The department offers diversified and flexible programs leading to the B.A. and M.A. degrees. A combined B.A./M.A. program is available to qualified students. Through lectures, seminars, tutorials, guided research, undergraduate and graduate colloquia, a student philosophy club, interdisciplinary and special studies programs, and visiting philosophers, a challenging and balanced context for philosophical development is provided for major and nonmajor alike.

# University at Albany

## Courses

### A Phi 110L Introduction to Philosophical Problems (3)

Survey of representative problems in some of the major areas of philosophy; topics such as free will, morality, justice and social order, knowledge and truth, God and religion, art, and beauty. [HU]

### A Phi 111L The Mind and the World (3)

A critical examination of contemporary topics concerning the relation between the human mind and natural world. The topics vary with semesters, but typically include the state of knowledge about the mind and its relationship to the brain, the possibility of a science of the mind, skepticism about knowledge, free will and determinism, and the limits of scientific knowledge. [HU]

### A Phi 112L Critical Thinking (3)

This is a course in informal logic. It centers on the meaning of claims, and whether a claim, should be accepted or rejected, or whether suspension of judgment is appropriate. This course is intended to help students think clearly and effectively. [HU]

### A Phi 114L Morals and Society (3)

Philosophical study of the conflict between personal values and the needs of society. Topics include personal and social values, the nature of moral reasoning, and ways to resolve conflicts between values. Readings from philosophers such as Plato, Aristotle, Locke and Mill. [HU]

### A Phi 115L Moral Choices (3)

Critical examination of contemporary moral problems in the light of the most influential moral theories. The problems discussed vary with semesters, but they typically include such topics as abortion, affirmative action, animals and the environment, capital punishment, euthanasia, free speech and censorship, liberty and paternalism, sex and love, terrorism, and world hunger. [HU]

### A Phi 116L (= A Rel 116L) World Views (3)

Examination of some of the major systems of assumptions and values humans have used in attempting to understand reality, the meaning of life, and their dealings with others. World views studied may vary from semester to semester. Examples are Greek, Judeo-Christian, Marxist and libertarian. Only one of A Phi 116L & A Rel 116L may be taken for credit. [HU]

### A Phi 140 (formerly A Phi-240) Introductory Topics in Philosophy (1-4)

Introduction to philosophy through the study of a selected topic. May be repeated with different topics. Consult class schedule for specific topic. May not be offered in 2003-2004.

### A Phi 199Z Writing in Philosophy (1)

A student enrolled in a 100- or 200-level philosophy course may, with the consent of the instructor of that course, fulfill a writing intensive version of it by registering concurrently for A Phi 199Z. The instructor will assign the student written work in addition to that required for the companion course and will meet with him or her over the course of the semester to discuss this work. (A student who subsequently withdraws from the companion course will also be dropped from A Phi 199Z.) Corequisite(s): concurrent registration in a 100- or 200-level philosophy course. S/U graded. [WI]

### A Phi 210L Introduction to Logic (3)

Introduction to classical and modern logic with an emphasis on the theory and application of truth functions. Introduction to quantification; discussion of the structure and properties of formal systems of logic. Students should be prepared to do daily homework assignments. [HU MS]

### A Phi 212L Introduction to Ethical Theory (3)

Introduction to the dimensions of ethical experience, the factors in value judgments, and alternative theories and methods of reasoning about such notions as right and wrong, obligations, moral codes, moral conflicts and responsibility. [HU]

### A Phi 214 (= A Rel 214) World Religions (3)

Survey of the major religions of the world, concentrating on those practices and beliefs that contribute to their value systems. Religions include Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism and Taoism. Only one of A Phi 214 & A Rel 214 may be taken for credit. May not be offered in 2003-2004. [DP if taken *before* Fall 2004; GC]

### A Phi 216 Existentialist Values (3)

Philosophical study of existentialism as a cultural movement of protest, criticism and vision, concentrating on its interpretation of the ethical good. Readings such as Pascal, Kierkegaard, Nietzsche, Dostoevsky, Unamuno, Kafka, de Beauvoir and Tillich. May not be offered in 2003-2004.

### A Phi 218L Understanding Science (3)

Introduction to problems of scientific reasoning such as: the nature of scientific method, hypothetical-deductive testing of hypotheses, fallacies of testing, and the relevance of science to society and religion. Examples drawn from the physical and social sciences. A Phi 112L or 210L recommended. May not be offered in 2003-2004. [HU]

### A Phi 301 (= A Lin 301 & A Psy 301) Introduction to Cognitive Science (3)

Cognitive science investigates the nature of the human mind and cuts across several disciplines (e.g., psychology, computer science, philosophy, linguistics). This course examines the approaches these disciplines use to promote our understanding of various mental phenomena (e.g., perceiving, reasoning, production and comprehension of language, memory.) Only one of A Lin 301, A Phi 301 & A Psy 301 may be taken for credit. May not be offered in 2003-2004.

### A Phi 310 Ancient Philosophy (3)

The philosophies of representative thinkers of the West from the pre-Socratics to Plotinus. Prerequisite(s): a 100- or 200-level course in philosophy.

### A Phi 311 History of Medieval Philosophy (3)

The philosophies of representative thinkers of the West from Plotinus to Descartes. Prerequisite(s): a 100- or 200-level course in philosophy. May not be offered in 2003-2004.

### A Phi 312 Seventeenth- and Eighteenth-Century Philosophy (3)

The development of modern thought from its medieval and Renaissance background, concentrating on some of the principal European philosophies from Descartes through Kant. Prerequisite(s): a 100- or 200-level course in philosophy.

### A Phi 314 History of Nineteenth-Century Philosophy (3)

The philosophies of some representative continental, British, and American thinkers from the Kantian period to the end of the century. Prerequisite(s): a 100- or 200-level course in philosophy. May not be offered in 2003-2004.

### A Phi 315 Twentieth-Century Philosophy (3)

Contrasting philosophical movements in the 20th century, emphasizing divergent tendencies in the United States, Britain and on the European continent. Prerequisite(s): a 100- or 200-level course in philosophy. May not be offered in 2003-2004.

### A Phi 320 Political and Social Philosophy (3)

The philosophical bases for social and political institutions and practices. Such issues as the following: the nature of the state, justice and law, rights and natural rights, equality, social utility and public interest. Prerequisite(s): a 100- or 200-level course in philosophy. May not be offered in 2003-2004.

### A Phi 321 Seventeenth-Nineteenth-Century Ethical Theory (3)

Historical and critical study of some ethical theories selected from the period beginning with Hobbes and ending with Kant. Prerequisite(s): a 100 or 200-level course in philosophy.

### A Phi 322 (= A Rel 322) Philosophy of Religion (3)

Philosophical analysis of selected religious concepts and programs, based upon the writings of representative philosophers and theologians. Focuses on Judeo-Christian tradition. Only one of A Phi 322 & A Rel 322 may be taken for credit. Prerequisite(s): a 100- or 200-level course in philosophy.

### A Phi 324 Philosophy of Art (3)

Philosophical analysis of concepts and sentiments pertaining to creation, appreciation and criticism of the arts in the generic sense of the semester. Prerequisite(s): a 100- or 200-level course in philosophy. May not be offered in 2003-2004.

### A Phi 325 Philosophy of Law (3)

The nature and function of law, the relation of law to morality, standards of judicial reasoning and the limits of law. Prerequisite(s): junior or senior class standing and one course in philosophy.

### A Phi 326 Moral Philosophy (3)

Critical examination of the nature, justification, and different approaches to moral evaluation. The topics to be covered may include right actions, good lives, responsibility, moral obligation, virtues, happiness, and justice. Prerequisite(s): a 100 or 200-level course in philosophy. May not be offered in 2003-2004.

### A Phi 329 American Philosophy Since 1860 (3)

Survey of the main figures in American philosophy, concentrating on Peirce, James, Royce, Dewey and Santayana. Topics include pragmatism and evolution, idealism and naturalism, and theories about the nature of religion. Prerequisite(s): a 100- or 200-level course in Philosophy. May not be offered in 2003-2004.

### A Phi 332 Intermediate Logic (3)

An introduction to predicate logic, emphasizing formal properties of logic systems rather than their application to the analysis of everyday reasoning. Topics may include the syntax and semantics of first-order languages, theories of identity and description, alternative formalizations of logic, and some elementary meta-theory. Prerequisite(s): Phi 210L or permission of instructor. May not be offered in 2003-2004.

**A Phi 336 Existentialist Philosophies (3)**

Existentialist thinking approached through the writings of representative authors such as Heidegger, Sartre, Jaspers and Merleau-Ponty. A Phi 336Z is the writing-intensive version of philosophy. Prerequisite(s): a 100- or 200-level course in philosophy. May not be offered in 2003-2004.

**A Phi 338 Moral Problems in Medicine (3)**

An investigation of moral problems in medicine, such as the health professional-patient relationship, medical paternalism, informed consent, social justice and health policy, the treatment of severely defective newborns, and the withholding of life-prolonging treatment. Prerequisite(s): junior or senior class standing. May not be offered in 2003-2004.

**A Phi 340 Topics in Philosophy (1-4)**

Problems selected on the basis of faculty and student interest. May be taken more than once with different content. Consult fall and spring schedules for specific topics. Prerequisite(s): a 100- or 200-level course in philosophy

**A Phi 342 (= A Rel 342) Indian Philosophies (3)**

Introduction to Indian philosophies from pre-Vedic India to contemporary thought. Only one of A Phi 342 & A Rel 342 may be taken for credit. Prerequisite(s): A Phi 214 or A His 176 or A His 177 (or 177Z), or junior or senior class standing. May not be offered in 2003-2004.

**A Phi 344 (= A Eac 344 & A Rel 344) Chinese Philosophies (3)**

Introduction to Chinese philosophies from the Chou period to contemporary thought. Only one of A Phi 344, A Eac 344 & A Rel 344 may be taken for credit. Prerequisite(s): A Phi 214 or A Eac 170 or A His 176 or A His 177 (or 177Z); or junior or senior class standing. May not be offered in 2003-2004.

**A Phi 346 (= A Rel 346) Japanese Religions and Philosophies (3)**

Introduction to Japanese philosophies and religions from the pre-Buddhist period to contemporary Japan. Only one of A Phi 346 and A Rel 346 may be taken for credit. Prerequisite(s): A Phi 214 or A His 176 or A His 177 (or 177Z), or junior or senior class standing. May not be offered in 2003-2004.

**A Phi 350 (= A Wss 350) Philosophy and Feminism (3)**

Examination of the theories of the oppression of women and proposals for solutions. Particular attention will be paid to existentialism, biological determinism, Marxism and feminist psychology and epistemology. Only one of A Phi 350 and A Wss 350 may be taken for credit. Prerequisite(s): one course in philosophy or women's studies. May not be offered in 2003-2004.

**A Phi 360 Philosophy and Literature (3)**

The study, through philosophical and literary texts, of the relation between philosophy and literature: philosophy in literature, philosophy as literature, and the philosophy of literature. Prerequisite(s): a 100- or 200-level course in philosophy. May not be offered in 2003-2004.

**A Phi 399Z Writing in Philosophy (1)**

A student enrolled in a 300- or 400-level philosophy course may, with the consent of the instructor of that course, fulfill a writing intensive version of it by registering concurrently for A Phi 399Z. The instructor will assign the student written work in addition to that required for the companion course and will meet with him or her over the course of the semester to discuss this work. (A student who subsequently withdraws from the companion course will also be dropped from A Phi 399Z.) Corequisite(s): concurrent registration in a 300- or 400-level philosophy course. S/U graded. May be repeated for credit. [WI]

**A Phi 410 Perspectives on Reasoning (3)**

The major philosophical questions that arise in connection with reasoning in general. Are there distinctively different kinds of reasoning in different subject matters? Is reasoning relative or absolute? Prerequisite(s): A Phi 112L, 210L, 218L; or permission of instructor. May not be offered in 2003-2004.

**A Phi 412 Metaphysics (3)**

A systematic examination of such philosophical concepts as existence, essence, causality, purpose, value, mind, freedom and unity. Prerequisite(s): A Phi 210L and a 300-level course in philosophy.

**A Phi 415 Philosophy of Language (3)**

The structure and properties of language with regard to philosophical issues. Examines such issues as meaning, reference, analyticity, truth and psychoanalytic dream interpretation in the context of the contemporary theories of meaning and linguistic structure. Prerequisite(s): A Phi 210L and a 300-level course in philosophy; or permission of instructor. May not be offered in 2003-2004.

**A Phi 416 Philosophy of Mind (3)**

A systematic discussion of various contemporary and historically important issues concerning mind: classical theories of mind and body, including dualisms, materialism, double-aspect theories and functionalism; cognitive science and theoretical linguistics; artificial intelligence; and the nature of belief, desire, intention and other psychological notions. Prerequisite(s): A Phi 210L and a 300-level course in philosophy, or permission of instructor. May not be offered in 2003-2004.

**A Phi 417 Bioethics (3)**

Critical study of one or more topics in bioethics. Possible topics include advance directives; assisted reproductive technologies; death; genetic engineering; screening, and testing; health care reform; informed consent; maternal-fetal conflicts; medical experimentation; medical futility; organ transplantation; physician-assisted suicide; proxy consent; and the right to refuse treatment. Prerequisite(s): A Phi 338 or permission of instructor

**A Phi 418 Philosophy of Science (3)**

Basic issues in philosophy of science, such as the nature of laws and theories, verifiability and confirmation, explanation and prediction, statistics and probability. Prerequisite(s): A Phi 210L and a 300-level course in philosophy; or permission of instructor. May not be offered in 2003-2004.

**A Phi 422 Theory of Knowledge (3)**

Systematic study of theories of knowledge, including such topics as theories of perception, the character and value of logical systems, theories of the nature of truth and of the nature of proof. Prerequisite(s): A Phi 210L and a 300-level course in philosophy; or permission of instructor. May not be offered in 2003-2004.

**A Phi 423 The Skeptical Tradition (3)**

Examination of the skeptical tradition from the ancient Greeks to the present. The focus will be on the arguments for thinking knowledge is impossible. Topics include skepticism as a way of life, Hume's skepticism, religious skepticism, common-sense philosophy, and the relation between knowledge and certainty. Prerequisite(s): A Phi 210L and a 300-level course in philosophy. May not be offered in 2003-2004.

**A Phi 425 Contemporary Ethical Theory (3)**

Selected normative and meta-ethical theories, with emphasis on issues of interest in contemporary discussions of values and the nature of valuation. Prerequisite(s): A Phi 212L and a 300-level course in philosophy. [OD]

**A Phi 432 Completeness and Decidability (3)**

An introduction to the meta-theory of first-order logic. Topics will include the completeness theorem and its corollaries, as well as a discussion of questions concerning the undecidability of validity. Prerequisite(s): A Phi 332 or permission of instructor. May not be offered in 2003-2004.

**A Phi 442 Phenomenology (3)**

Examination of historical and conceptual development of phenomenology in the 20th century, starting with Husserl's "presuppositionless and purely descriptive science of the structures of consciousness", including works by Sartre, Heidegger, and Merleau-Ponty. Emphasis on (a) the idea of a presuppositionless account of consciousness; (b) the motivations for and nature of the "existential turn"; and (c) connections between phenomenology and both analytic philosophy and scientific psychology. Prerequisite(s): junior or senior class standing or permission of instructor. May not be offered in 2003-2004.

**A Phi 474 Society and Values (3)**

Critical study of ethical and/or political concepts, such as freedom, equality, happiness, duty, rights, virtue, or theories, such as liberalism, pluralism, consequentialism, deontology, and virtue theory through the examination of historical and contemporary works. Prerequisite(s): A Phi 212 and a 300-level course in Philosophy, or permission of instructor.

**A Phi 497 Independent Study and Research (1-4)**

Guided research and writing on a selected problem in philosophy on a tutorial basis. May be repeated more than once with different content. Prerequisite(s): a 300-level course in philosophy and the approval of the individual faculty member acting as project supervisor and of the departmental Undergraduate Studies Committee.

**A Phi 498 Honors Thesis in Philosophy (4)**

Independent honors thesis written under the direction of an appropriate faculty member, and received and evaluated by the Honors Committee. Prerequisite(s): Admission to the Honors Program in Philosophy.

# University at Albany

## DEPARTMENT OF PHYSICS

### Faculty

*James W. Corbett Distinguished Service Professor*

Walter M. Gibson, Ph.D.

University of California, Berkeley

*Distinguished Teaching Professor Emerita*

Bruce B. Marsh, Ph.D.

University of Rochester

*Professors Emerita*

Raymond E. Benenson, Ph.D.

University of Wisconsin

Alfred D. Levitas, Ph.D.

Syracuse University

Laura M. Roth, Ph.D.

Radcliffe College

Jack H. Smith, Ph.D.

Cornell University

Chih-ree Sun, Ph.D.

University of California, Los Angeles

*Professors*

Mohammad Sajjad Alam, Ph.D.

Indiana University

Hassaram Bakhru, Ph.D.

Calcutta University

Ariel Caticha, Ph.D.

California Institute of Technology

Tara P. Das, Ph.D.

University of Calcutta

Jagadish B. Garg, Ph.D.

University of Paris

Akira Inomata, Ph.D.

Rensselaer Polytechnic Institute

Alain E. Kaloyeros, Ph.D.

University of Illinois at Urbana-Champaign

John C. Kimball, Ph.D.

University of Chicago

Tung-Sheng Kuan, Ph.D.

Cornell University

William A. Lanford, Ph.D.

University of Rochester

Carolyn MacDonald, Ph.D.

Harvard University

Keith F. Ratcliff, Ph.D.

University of Pittsburgh

*Associate Professor Emerita*

Robert P. Lanni, M.A.

University at Albany

*Associate Professors*

Robert E. Geer, Ph.D.

University of Minnesota

*Assistant Professors*

Jesse A. Ernst, Ph.D.

University of Rochester

Susanne M. Lee, Ph.D.

Harvard University

Mengbing Huang

University of Western Ontario, Canada

University Adjuncts (estimated): 12

Teaching Assistants (estimated): 25

The objective of the department is to provide students a solid foundation in both classical and modern physics. Students are prepared either to undertake graduate study in physics, to apply physics principles and techniques successfully for advanced work in other disciplines, to enter industry usefully, or to teach in the secondary schools. Along with courses in classical mechanics, electromagnetic theory, atomic and nuclear physics, and thermal physics, students learn modern experimental techniques, principles of quantum mechanics, and applications. Elective courses in other sciences and independent study and research with faculty members in the active research fields of the department are encouraged as part of the practical emphasis. Courses in environmental problems, astronomy and space physics, applications of nuclear physics, physics in the arts, and physical science for humanists bring physics concepts to the nonmajor.

### Careers

Graduates holding the bachelor's degree in physics find employment as laboratory or theoretical research assistants in physics or engineering, high-level medical technicians, science writers and editors, computer programmers, and secondary school teachers. A bachelor's degree in physics can be an ideal background for advanced study in other sciences, engineering, and the business and medical professions. A graduate degree in physics opens a broad spectrum of opportunities in pure and applied research in academia and industry.

### Special Programs or Opportunities

One-to-one student-faculty interaction is possible and is encouraged by the department. Computer use at all levels of instruction is afforded by means of terminals in the Joseph Henry Physics Building. Very modern equipment is available in all laboratories. Opportunities for valuable experience, training, and financial support exist in the form of undergraduate assistantships in the research and teaching laboratories. The Society of Physics Students sponsors popular talks, tours to nearby laboratories, and social events. The society offers tutorial services, computer clinics, and has its own library. It conducts tours of our facilities for students and the general public. It also supplies information on opportunities after the B.S. degree. The department has a chapter of Sigma Pi Sigma, the national physics honor society.

For students interested in engineering, there are available 3–2 programs with Rensselaer Polytechnic Institute, Clarkson University, SUNY at New Paltz, and SUNY at Binghamton. Students in these programs spend their first three years at this campus and the last two at the other. The tuition is at the University at Albany rate for the first three years only. Upon successful completion of the

programs, students are awarded a B.S. in Physics from the University at Albany and a B.S. in Engineering from the other institution.

### Degree Requirements for the Major in Physics

General Program B.S. A combined major and minor sequence totaling 66 credits: An introductory physics sequence of A Phy 140N, 145, 150N, 155, 240, 245, and 250; followed by the main core sequence of A Phy 320, 330, 440, 450 460, 335, or 335Z and A Phy 315 or A Mat 315. Requirements in mathematics are A Mat 112 or 118, 113 or 119, 214, 220, and 314; in chemistry A Chm 120N, 121N; in computer science A Csi 201N. With departmental approval, A Phy 105N and 108N may be substituted for A Phy 140N and 150N. Students who do not foresee pursuing a graduate degree in physics may, with departmental approval, take 6 credits at the 300-level or higher instead of A Phy 450 and 460.

### Honors Program

The honors program in physics is designed for outstanding students enrolled in the general program.

Students may apply for admission to the honors program by submitting a letter of request to the department chair no later than April 15 of the sophomore year (for admission in the fall) or November 15 of the junior year (for admission in the spring). Junior transfers may apply at the time of their admission to the University. Primary emphasis will be placed on indications of academic ability and maturity sufficient for applicants to pursue with distinction a program involving independent research.

The minimum requirements for admission follow:

1. Completion of A Phy 140N, 150N, 240, 250 or their equivalents;
2. An overall grade point average of 3.30;
3. A grade point average of 3.60 in physics courses required for the major;
4. Written recommendations from at least three faculty members, one of whom, preferably, should be from outside the Department of Physics.

Students in the program must maintain both a minimum grade point average of 3.30 overall and of 3.60 in physics courses taken to satisfy major requirements during the junior and senior years. The progress of participants in the honors program will be reviewed at the end of the junior year by the Departmental Honors Committee. Students not meeting the standards above at that time may be precluded from continuing in the program during their senior year.

Students in the honors program are required to complete a minimum of 72 credits as follows:



the 66 credits specified for the general program in physics; 3 credits of Honors Seminar in Physics (A Phy 498); and 3 credits of Research and/or Independent Study in Physics (A Phy 497). The independent study must include an honors research project culminating in a written report by the end of the student's last semester.

After completion of the requirements above, the records of candidates will be reviewed by the Departmental Honors Committee. After consideration of overall academic record, performance and accomplishments in the independent study project(s), the quality of the Honors Seminar, and the evaluations of departmental faculty members who have supervised these activities, a recommendation for or against a degree with honors will be made by the committee to the departmental faculty. The final recommendation will be made by the departmental faculty and transmitted by the chair.

## Combined B.S./M.S. Program

The combined B.S./M.S. program in physics provides an opportunity for students of recognized academic ability and educational maturity to fulfill integrated requirements of undergraduate and master's degree programs at the beginning of the junior year. A carefully designed program can permit a student to earn the B.S. and M.S. degrees within nine semesters.

The combined program requires a minimum of 138 credits, of which at least 30 must be graduate credits. In qualifying for the B.S., students must meet all University and college requirements including the requirements of the undergraduate major described previously, the minimum 60-credit liberal arts and sciences requirement, general education requirements, and residency requirements. In qualifying for the M.S., students must meet all University and college requirements as outlined in the Graduate Bulletin, including completion of a minimum of 30 graduate credits and any other conditions such as a research seminar, thesis, comprehensive examination, professional experience, and residency requirements. Up to 12 graduate credits may be applied simultaneously to both the B.S. and M.S. programs.

A Phy 519 may be substituted for A Phy 335 or 335Z in meeting the B.S. requirements, enabling Phy 519 to be one of the graduate courses applied simultaneously to the undergraduate and graduate programs.

Students are considered as undergraduates until completion of 120 graduation credits and satisfactory completion of all B.S. requirements. Upon meeting B.S. requirements, students are automatically considered as graduate students.

Students may apply to the Graduate Committee for admission to the combined

degree program in physics at the beginning of their junior year or after the successful completion of 56 credits, but no later than the accumulation of 100 credits. A cumulative grade point average of 3.20 or higher and three supportive letters of recommendation from faculty are required for consideration.

## Courses

### A Phy 100N Contemporary Astronomy—The Cosmic Connection (3)

Modern developments in astronomy, the birth and death of stars, solar and planetary science, neutron stars and black holes, galactic structure, cosmology, theories of the origin and future of the universe. [NS]

### A Phy 102N Applications of Modern Physics in Art History and Archaeology (3)

Twentieth century physics has greatly increased our knowledge of the structure of matter and the natural laws that lead to that structure. This course discusses our modern understanding of the structure of matter at an introductory level and then illustrates how this knowledge can be applied to the study of objects of interest in art history or archaeology. The goals of such studies include learning about the age of an object, the technology used to fabricate the object, and how an object should be stored in order to preserve it for future generations. [NS]

### A Phy 103N Exploration of Space (3)

The solar system, modern developments in planetary and space science; human exploration of space; space travel and future colonization. [NS]

### A Phy 104N Physical Science for Humanists (3)

How the universe works. A historical approach to the development of the laws of physics from the classical physics of Newton to the present. Emphasizes the people and events of the revolution in physics in the 20th century. Unraveling of the structure and properties of the nuclear atom or from raisin pudding to quarks. Intended for nonmajors. [NS]

### A Phy 105N General Physics I (3)

Vectors, kinematics, dynamics, vibrations and waves, sound, fluids, and thermodynamics. Three class periods each week. May not be taken for credit by students with credit for A Phy 140N. Prerequisite(s): three years of high school mathematics. [NS]

### A Phy 106 General Physics Lab (1)

Laboratory experiments to complement the topics being studied in A Phy 105N. One laboratory each week. Corequisite(s): A Phy 105N.

### A Phy 107 Problem Solving: General Physics (1)

Applications of the principles and methods studied in general physics. Assignments selected with the aim of aiding the student in developing a more thorough understanding of the subject matter of general physics. Individual assignments can be arranged for students with special needs or interests. Corequisite: A Phy 105N.

### A Phy 108N General Physics II (3)

Electrostatics, circuit electricity, magnetism, geometrical and physical optics, atomic and nuclear phenomena. Three class periods each week. May not be taken for credit by students with credit for A Phy 150N. Prerequisite(s): A Phy 105N. [NS]

### A Phy 109 General Physics Lab (1)

Laboratory experiments to complement the topics in A Phy 108N. One laboratory period each week. Corequisite(s): A Phy 108N.

### A Phy 110 Problem Solving: General Physics (1)

Applications of the principles and methods studied in general physics. Assignments selected with the aim of aiding the student in developing a more thorough understanding of the subject matter of general physics. Individual assignments can be arranged for students with special needs or interests. Corequisite(s): A Phy 108N.

### A Phy 122 Problem Solving: Introductory Physics I (1)

Application of the principles and methods studied in Introductory Physics I (A Phy 140N). Assignments selected with the aim of aiding the student in developing a more thorough understanding of the subject matter in A Phy 140N. Individual assignments can be arranged for students with special needs or interests. Corequisite: A Phy 140N.

### A Phy 126 Problem Solving: Introductory Physics II (1)

Application of the principles and methods studied in Introductory Physics II (A Phy 150N). Assignments selected with the aim of aiding the student in developing a more thorough understanding of the subject matter in A Phy 150N. Individual assignments can be arranged for students with special needs or interests. Corequisite(s): A Phy 150N.

### A Phy 140N (formerly A Phy 120N) Physics I: Mechanics (4)

An introduction to the fundamentals of physics: Classical Mechanics. Topics include the concepts of force, energy and work applied to the kinematics and dynamics of particles and rigid bodies and an introduction to special relativity. Pre/corequisite: A Mat 111 or 112 or 118. [NS]

### A Phy 145 (formerly A Phy 221) Physics Lab I (1)

Experiments in mechanics, electricity, and optics. One laboratory period each week. Offered fall semester. Pre/corequisite: A Phy 140N.

### A Phy 150N (formerly A Phy 124N) Physics II: Electromagnetism (3)

An introduction to the fundamentals of physics: Electrostatics and magnetism, including the concepts of the electric and magnetic fields, electric potential and basic circuits. The laws of Gauss, Ampere, and Faraday; Maxwell's equations. Geometrical optics. Pre/corequisite: A Mat 113 or 119; prerequisite: A Phy 140N. [NS]

### A Phy 155 (formerly A Phy 225) Physics Lab II (1)

Experiments in electricity and magnetism, circuits, and optics. One laboratory period each week. Offered spring semester. Pre/corequisite: A Phy 150N.

### A Phy 201L Physics and Buddhism (3)

Parallels between modern physics and Eastern thought with emphasis on the Buddhist concept of interdependence of all phenomena. Nonmathematical discussion of ideas of atomic and particle physics, relativity and quantum theory, in comparison with the psychology and philosophy of Theravada, Zen, and Tibetan Buddhism. May not be used to satisfy major or minor requirements in physics. A Phy 201E is the writing intensive version of A Phy 201L; only one may be taken for credit. May not be offered in 2003-2004.

### A Phy 201E Physics and Buddhism (3)

May not be used to satisfy major or minor requirements in physics. A Phy 201E is the writing intensive version of A Phy 201L; only one may be taken for credit. May not be offered in 2003-2004. [WI]

# University at Albany

## A Phy 202N Environmental Physics (3)

Study of the collection, evaluation, and interpretation of data and the modeling and analysis of urban and environmental problems. Topics include population, pollution, mass transportation systems, comparison of various energy sources such as solar, nuclear, and fossil fuel, and effective utilization of natural resources. Three class periods each week. Prerequisite(s): algebra. [NS]

## A Phy 229 Mathematics in Physics (4)

The physical applications of analytic and numerical methods are studied in such topics as differential equations, Fourier series, Laplace transforms, matrices and vectors. Prerequisite(s): A Phy 150N; prerequisite(s) or corequisite: A Mat 214. May not be offered in 2003-2004.

## A Phy 240 (formerly A Phy 220) Physics III: Structure of Matter (3)

An introduction to the fundamentals of physics: Thermodynamics and kinetic gas theory. Quantum theory of photons, atoms, nuclei and solids. Pre/corequisite: A Mat 214; prerequisite: A Phy 150N.

## A Phy 245 Physics Lab III (1)

Experiments in modern physics. One laboratory period each week. Offered fall semester. Pre/corequisite: A Phy 240.

## A Phy 250 (formerly A Phy 224) Physics IV: Waves (3)

Waves and oscillations in optics, in classical and in quantum mechanics. An introduction to physical concepts (wave packets, normal modes, interference and diffraction) and mathematical techniques (Fourier series, transforms, complex numbers, eigenvectors). Pre/corequisite: A Mat 220; prerequisite: A Phy 240.

## A Phy 305 Physics Principles in Nuclear Medicine (3)

Basic physics in nuclear medicine, radioactive nuclides, radionuclide scanning, radiation chemistry, biological effects of radiation and radiopharmaceuticals, clinical radiation pathology, radiation hazards and safety, waste disposal. Three class periods a week. Offered fall semester only. Prerequisite(s): A Phy 108N or A Phy 250 or equivalent. May not be offered in 2003-2004.

## A Phy 315 Electronics (3)

Transistors and their characteristics; electronic circuits, field effect transistors and applications, amplifiers, low and high frequency response; operational amplifiers; consideration of control-circuit design; fast-switching and counting devices; integrated circuits and their designs. Two class periods and one three-hour laboratory each week. Offered fall semester only. Prerequisite: A Phy 150N.

## A Phy 316 Electronics: Projects (3)

Independent projects involving laboratory work in the study of electronic circuits using linear and/or digital devices. (Each student is expected to undertake a project that requires originality and broadens knowledge of the area.) Special attention is paid to counters, registers, encoders, decoders, and digital applications. Offered spring semester only.

## A Phy 320 (formerly A Phy 321) Classical Mechanics (3)

Fundamentals of Newtonian mechanics: conservation theorems, central forces, motion in non-inertial frames, rigid-body motion. Lagrange's and Hamilton's equations. Offered fall semester. Prerequisite: A Phy 250, or permission of the instructor.

## A Phy 330 (formerly A Phy 332) Electromagnetism (4)

Electrostatics and magnetostatics in vacuum and in material media. Maxwell's equations. Energy and momentum in the electromagnetic field. Electromagnetic waves. Special relativity. Offered spring semester. Prerequisites: A Phy 250, A Mat 314.

## A Phy 335 (formerly A Phy 403) Advanced Physics Lab (3)

Introduction to the techniques of experimental research in the areas of electronics, electromagnetism and modern physics. Measurement technique and error analysis are emphasized. Two three-hour lab periods each week. Prerequisite: A Phy 250 or permission of instructor.

## A Phy 335Z (formerly A Phy 403Z) Advanced Physics Lab (3)

A Phy 335Z is the writing intensive version of A Phy 335; only one may be taken for credit. Prerequisite: A Phy 250 or permission of instructor. [WI]

## A Phy 353 Microprocessor Applications (3)

Applications of microprocessors to data collection and process control; the capabilities of typical microprocessors and the techniques used to interface them to external devices; input/output programming, use of the data and address busses; interrupt handling, direct memory access, and data communications; characteristics of peripheral devices such as keyboards, printers, A/D and D/A converters, sensors, and actuators. Three class periods each week. Prerequisite(s): A Csi 201N or 204 or equivalent. An elementary knowledge of electricity is helpful.

## A Phy 360 Modern Optics (3)

Matrix methods of geometrical optics, diffraction theory, optical Fourier transforms, lasers, holography, Brillouin scattering, and an introduction to nonlinear optics. The course includes frequent demonstrations. Prerequisite(s): A Phy 250.

## A Phy 408 (= A Chm 408) Polymer Chemistry and Physics (3)

Structure, synthesis, and morphology of polymers; polymerization reactions; molecular weight determination; introduction to thermal, mechanical, and electrical properties; design of polymers, graft, and copolymers; processing and selected applications including adhesion, coatings, and films. A term paper is required. Only one of A Phy 408 & A Chm 408 may be taken for credit. Prerequisite(s): A Chm 340B or permission of instructor.

## A Phy 440 (formerly A 344) Quantum Physics I (3)

Introduction to non-relativistic quantum mechanics; wave functions, amplitudes and probabilities; the superposition of quantum states, the Heisenberg uncertainty principle. Time evolution: the Schrodinger equation, stationary states, two-state systems. Motion in one-dimensional potentials: tunneling, particle in a box, harmonic oscillator. Offered fall semester. Prerequisite: A Phy 250.

## A Phy 450 (formerly A Phy 421) Quantum Physics II (3)

Quantum motion in central potentials; angular momentum and spin; the hydrogen atom. Identical Particles. The structure of atoms and molecules, the periodic table. Stationary-state and time-dependent perturbation theory. Scattering theory. Offered spring semester. Prerequisite: A Phy 440.

## A Phy 454 Microprocessor Applications Laboratory (3)

Complements the theoretical development presented in A Phy 353. Centers around practical laboratory applications in both hardware and software of a particular microprocessor. Students prototype a minimum system and expanded system. Applications include keyboard, printer, display, A/D, D/A, and control functions. A knowledge of a microprocessor and digital logic functions is desirable. Prerequisite(s): A Phy 315 or permission of instructor or A Phy 353.

## A Phy 460 (formerly A Phy 431)

### Thermodynamics and Statistical Physics (3)

Thermodynamic systems and variables; the laws of thermodynamics. Thermodynamic potentials and applications, ideal and real gas relations; changes of phase, introduction to probability theory; elementary kinetic theory of gases; micro and macro-states of

simple quantum-mechanical systems; Fermi-Dirac, Bose-Einstein, and Maxwell-Boltzmann statistics. Three class periods each week. Pre/co-requisite: A Phy 440. Prerequisite(s): A Mat 214 and A Phy 250.

## A Phy 462 (formerly A Phy 362) Physics of Materials (3)

The physics of real materials: the structure of crystalline and amorphous solids; x-ray diffraction and electron microscopy; the thermodynamics and kinetics of phase transformations; crystallographic defects and their relation to mechanical properties. Prerequisite(s): A Phy 250.

## A Phy 464 Materials Characterization (3)

A laboratory and lecture course designed to give students experience with modern methods of materials characterization such as electron microscopy, x-ray diffraction, optical absorption, nuclear magnetic resonance, neutron activation, Auger spectroscopy, particle induced x-ray emission, Rutherford backscattering and nuclear reaction analysis. Prerequisite(s): A Phy 362 or permission of instructor. May not be offered in 2003-2004.

## A Phy 465 Materials Fabrication (3)

A laboratory and lecture course designed to give students experience in modern methods of materials fabrication and modification such as thin-film evaporation, sputtering, chemical vapor deposition, electrodeposition, doping by ion implantation and diffusion, and ion beam mixing. Prerequisite(s): A Phy 464 or permission of instructor. May not be offered in 2003-2004.

## A Phy 466 X-ray Optics, Analysis and Imaging (3)

A broad survey of x-ray optics and their uses. Introduction to the theory of x-ray interaction with matter, including refraction, diffraction, total reflection, image formation, fluorescence, absorption spectroscopy, and the effects of Compton scattering, photo-electric absorption, and surface roughness. Applications include x-ray astronomy, microscopy, lithography, materials analysis and medical imaging. Prerequisite: A Phy 330.

## A Phy 467 Physics of Semiconductor Devices (3)

A survey of state-of-the art semiconductor device manufacture and usage in the electronics industry. Topics covered include basic semiconductor physics (band structure, electron transport, phonon, optical, thermal, and high magnetic field properties) and the operating principles and current manufacturing techniques of various devices (p-n junctions, transistors, CCD's, photonic devices, and superlattices). Prerequisite(s): A Phy 330 and A Phy 460; corequisite: A Phy 450

## A Phy 469 Physics of Nuclei (3)

This course will deal with basic properties of nuclei such as size, shape, and nuclear force. Nuclear structure based upon shell and collective models, nuclear reactions induced by nucleons including nuclear fission, nuclear fusion, and nuclear energy. Prerequisite(s): A Phy 330 or permission of instructor.

## A Phy 497 Research and/or Independent Study (1-3)

Research and/or independent study under the direct supervision of a faculty member with whom the student has made an arrangement. Ambitious students are encouraged to engage in an activity that broadens their experience considerably beyond that of conventional course work. A written report is submitted on the work of each semester. May be repeated for credit. S/U graded

## A Phy 498 Honors Seminar in Physics (3)

A seminar specifically designed for students admitted to the department's honors program. Topics are determined by the Departmental Honors Committee. Prerequisite(s): admission to honors program.

# DEPARTMENT OF PSYCHOLOGY

## Faculty

### *Distinguished Professors*

Edward B. Blanchard, Ph.D.

Stanford University

James J. Jaccard, Ph.D.

University of Illinois

### *Distinguished Teaching Professor*

Robert A. Rosellini, Ph.D.

DePaul University

### *Professors Emeritae/i*

Donn E. Byrne, Ph.D.

Stanford University

Morris E. Eson, Ph.D.

University of Chicago

Richard C. Teevan, Ph.D.

University of Michigan

### *Professors*

Bruce C. Dudek, Ph.D.

State University of New York at Binghamton

V. Mark Durand, Ph.D.

State University of New York at Stony Brook

Laurie B. Feldman, Ph.D.

University of Connecticut

Gordon G. Gallup Jr., Ph.D.

Washington State University

Allen C. Israel, Ph.D.

State University of New York

at Stony Brook

Robert J. McCaffrey, Ph.D.

University of Georgia

James H. Neely, Ph.D.

Yale University

Bruce B. Svare, Ph.D.

Rutgers University

W. Trammell Neill, III, Ph.D.

University of Oregon

Frank Vellutino, Ph.D.

Catholic University of America

### *Associate Professors Emeritae/i*

Shirley C. Brown, Ph.D. (Collins Fellow)

Wayne University

H. Jean Wilkinson, Ph.D.

University of Pittsburgh

### *Associate Professors*

Jeanette Altarriba, Ph.D.

Vanderbilt University

Cheryl A. Frye, Ph.D.

Tufts University

Leslie Fay Halpern, Ph.D.

Vanderbilt University

Monica L. Rodriguez, Ph.D.

State University of New York at Stony Brook

Glenn Sanders, Ph.D.

University of Iowa

Marcia E. Sutherland, Ph.D.

Howard University

Caroline K. Waterman, Ph.D.

State University of New York at Buffalo

Kevin J. Williams, Ph.D.

University of South Carolina

Edelgard Wulfert, Ph.D. (Collins Fellow)

University of North Carolina, Greensboro

## *Assistant Professors*

Drew Anderson, Ph.D.

Louisiana State University

JeeWon Cheong, Ph.D.

University of Arizona

Sharon Danoff-Burg, Ph.D.

University of Kansas

John P. Forsyth, Ph.D.

West Virginia University

Mark Muraven, Ph.D.

Case Western Reserve University

Hazel Prelow, Ph.D.

University of North Texas

Sylvia G. Roch

Texas A&M University

Linda Shanock, Ph.D.

University of Delaware

Christine K. Wagner, Ph.D.

Michigan State University

Adjuncts: 20

## *Teaching Assistants: 45*

The objective of the department is to provide undergraduate students with a broad, general background in scientific psychology. The program is designed to prepare students for graduate study in psychology as well as a diversity of other fields requiring knowledge of psychological principles. The department expects its students to become well-versed in the theories, research, and applications of the discipline.

The department offers a full program leading to the B.A.; a graduate program leading to the Ph.D. with several major areas of concentration and a clinical training program; and in cooperation with the Department of Educational Psychology and Statistics in the School of Education, the Certificate of Advanced Study and Psy.D. in school psychology.

## Careers

With the B.A. degree, professional entry-level positions are possible in public and private human services systems (health, education, social welfare, parole, probation, gerontology, youth, substance abuse); also, personnel administration, and general administrative work. Entry-level jobs could involve delivery of service, research and/or program planning and development. Less traditional occupations include medicine, dentistry, law, optometry, urban planning, genetic counseling, and human factors research.

## Special Programs or Opportunities

The department offers opportunities for independent study and research beginning in the sophomore year. Students involved in research activities have supervised access to the department's animal behavior laboratory, human research laboratories, and off-campus professional agencies.

## Admission

Declaration of the major in psychology must be made by application to the department. Information on procedures for application is available from the Department Advisement Center (SS 370). Application may be made during any semester at any time prior to final exam week, or prior to August during summer sessions, but must be made before the student has earned 60 credits at the University at Albany.

The criteria outlined below will apply to all course work completed prior to and including the semester during which application is made. The department will notify students of action on the application before the subsequent semester. A Psy 101M, 210, and 211 may not be taken elsewhere after matriculation at Albany.

I. Criteria for Students Admitted as Freshmen to Albany as of Fall 1991 and thereafter:

1. The student must have completed at least 24 hours of college credit (sophomore status).
2. The student's cumulative grade point average for all course work at the University at Albany must be 2.00 or higher at the time of evaluation of the application.
3. The student must have a grade point average of 2.50 or higher for all course work completed in the University at Albany Psychology Department at the time of evaluation of the application.
4. The courses A Psy 101M or 102M, A Psy 210 and A Psy 211 must have been completed with a minimum grade of C- in each. Students may be conditionally admitted to the major after completion of the requirements for A Psy 101M and A Psy 210. A Psy 211 must be completed in the next semester following conditional acceptance to be admitted to the major.

II. Criteria for Transfer Students Admitted to Albany as of Fall 1992 and thereafter:

For purposes of declaration of the major, the department recognizes three categories of transfer students. The criteria for admission to the major are different for these three categories. Transfer students may not apply transfer credit for A Psy 101M, A Psy 210 and A Psy 211 with grades of D toward the major.

1. Transfer students who enter the University with less than 42 transfer credits or without credit for A Psy 101M must fulfill the criteria specified in section I. above.
2. Transfer students who enter the University with 42 or more transfer credits, have transfer credit for A Psy 101M and 210 with a grade of C- or higher in each, and have a 2.5 average for all psychology courses will be conditionally admitted to psychology as a major and receive advisement in the psychology department. Such students must complete A Psy 211 in their first semester here with a grade of C- or higher or their admission to the major will be withdrawn.
3. Transfer students who enter the University with 42 or more transfer credits, have transfer credit for A Psy 101M, A Psy 210 and A Psy 211 with a grade of C- or higher in each, and have a 2.50 average in all psychology courses taken may immediately declare psychology as a major.

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## Appeals

Students who do not meet the above criteria may retake courses in the A Psy 101M, A Psy 210 and A Psy 211 sequence in order to achieve the minimum grade of C-. The criterion of a 2.50 average in psychology courses at the time of application to the major will be affected by duplicated enrollment in the following way: if courses are retaken, calculation of the average in psychology will use both grades.

Students who are denied admission to the major may appeal the decision by petitioning the department chair. Such appeals will be evaluated at the beginning of each semester, prior to the final date for adding courses. The decision on the appeal will be made by the department chair and the director of the advisement center.

## Degree Requirements for the Major in Psychology

General Program B.A.: A minimum of 36 credits in psychology: including A Psy 101M or 102M, A Psy 210, and A Psy 211; 15 credits in psychology from the following list: A Psy 203, 214, 270, 314, 327, 338, 380, 381, 382, 384, 385, 387; 12 credits of electives with an A Psy prefix. Courses not taken from the previous list may be used as electives. NOTE: within the 36 credits required for the major a student must complete at least 12 credits in courses numbered 300 or above.

For psychology majors who satisfy the major requirements as outlined in this bulletin, A Psy 210 and 211 are restricted to A–E grading after matriculation at Albany.

A maximum of 3 credits in independent study courses (A Psy 297, 297Z, 397, 397Z and 497Z) may be applied to major credit but may not be used to satisfy the 300-or-above requirement. No more than 6 additional credits in these independent study courses may be used for graduation credit.

## Honors Program

A psychology major, or double major with psychology listed first, may file an application for admission with the Honors Committee as early as the second semester of the sophomore year or as soon as the minimum requirements for admission to the program have been satisfied. The duration of the program is three semesters and commences only in the fall semester.

The minimum requirements for admission include completion of A Psy 101M or 102M, 210 and 211. If the student has not been able to complete A Psy 211 by the first semester of the junior year, it is possible to obtain permission to take A Psy 211 concurrently with the Honors Seminar. A grade point average of 3.30 or higher overall for all course work taken for graduation credit at the University is required, as is a 3.50 grade point average or higher for psychology courses applicable toward the major.

Honors students must complete 48 hours in

psychology including A Psy 101M or 102M, 210, 211, 310, 399, and 499 (6 credits). In addition, students must submit a senior honors thesis acceptable to the research sponsor and the Honors Committee.

The program commences with the Honors Seminar (A Psy 399) in the fall semester of the junior year. A Psy 211 must be taken at this time if it has not already been completed.

The seminar introduces that student to (advanced) issues of scientific method and experimental design. As soon as the student has a general idea for the research project, he or she is encouraged to discuss the project with a potential research sponsor, especially as regards feasibility. By the end of the seminar course, the student should be conversant with a problem area, have arranged a research sponsor and be ready to submit a research proposal. The Honors student will conduct the research in two project courses (A Psy 499) during the second semester of the junior and the first semester of the senior year.

The Honors Thesis written by the end of the second project course will consist of a review of the literature, the hypothesis to be tested, an experimental design (from the research proposal), data collected, any statistical analysis, and a discussion.

Students in the honors program are required to maintain an overall grade point average of 3.30 or higher during the junior and senior years and an overall grade point average of 3.50 or higher for all psychology courses applicable toward the major. The work of each candidate in the honors program will be reviewed at the completion of the junior year by the Departmental Honors Committee.

Students not meeting the above-stated standards at that time may be precluded from continuing in the program for the senior year. Students who remain below the stated standards throughout their senior year will not be eligible for a degree with Honors.

After completion of the above requirements, the records of the candidate will be reviewed by the Departmental Honors Committee who shall recommend, to the department, candidates for the degree with honors in psychology.

## Combined B.A./M.S. Programs

The combined B.A./M.S. programs in psychology/counseling, psychology/rehabilitation counseling, and health policy/psychology provide an opportunity for students of recognized academic ability and educational maturity to fulfill integrated requirements of undergraduate and master's degree programs from the beginning of their junior year. Carefully designed programs can permit students to earn the B.A. and M.S. degrees within nine semesters and a summer session.

## Counseling Psychology

The combined programs require a minimum of 162 credits, of which at least 54 must be graduate credits. In qualifying for the B.A., students must meet all University and college requirements, including the requirements of the undergraduate major described previously, the University minor requirement, the minimum 90-credit liberal arts and sciences requirement, the general education requirements, and residency requirements. In qualifying for the M.S., students must meet all University and college requirements as outlined in the Graduate Bulletin, including completion of a minimum of 54 graduate credits and any other conditions such as a research seminar, thesis, comprehensive examination, professional experience, and residency requirements. Up to 12 graduate credits may be applied simultaneously to both the B.A. and M.S. programs.

Students are considered as undergraduates until completion of 120 graduation credits and satisfactory completion of all B.A. requirements. Upon meeting B.A. requirements, students are automatically considered as graduate students.

Students may be admitted to the combined degree programs at the beginning of their junior year, or after the successful completion of 56 credits, but no later than the accumulation of 100 credits. A cumulative grade point average of 3.20 or higher and three supportive letters of recommendation from faculty are required for consideration.

## Health Policy

The combined bachelor's/master's degree program in Psychology/Health Policy, Management and Behavior requires a minimum of 156 credits, with at least 48 of which must be graduate credits.

Total minimum credits required for the combined undergraduate major and graduate program is 36 credits in the undergraduate psychology major and 48 credits in the Health Policy, Management & Behavior major, all of which must be graduate credits.

In qualifying for the undergraduate bachelor's degree (regardless of discipline), students must meet all university requirements for their major, the minimum 90 liberal arts and sciences requirements, and residency requirements.

In qualifying for the M.S. on Health Policy, Management & Behavior, students must meet all university and college requirements as outlined in the Graduate Bulletin, including the GRE Exam and completion of a minimum of 48 graduate credits.

Requirements for the M.S. in Health Policy, Management & Behavior include: Principles and Methods of Epidemiology, Principles in Statistical Inference I and II, Health Care Organization, Delivery, and Finance, Social and Behavioral Aspects of Public Health, Computer Programming for Data Management and Analysis in Public Health, Health Policy, Analysis and Management, Master's Projects in Health Policy, Management & Behavior, Evaluation of Public Health Programs, HPMB Field Placement, plus 18 required credits in specific track: Health Policy and Management or Social Behavior and Community Health.

Requirements also include a full-time internship and a Master's Workshop project.

Students may be admitted to a combined degree program at the beginning of their junior year and after successful completion of 56 credits, but no later than the accumulation of 100 credits. (Interested students should start thinking about the combined program at the end of their freshman year or at the beginning of their sophomore year.) A GPA of 3.2 or higher, three supportive letters of recommendation from faculty (at least one with whom the student took a course), and an interview with a faculty member from the Department of Health Policy, Management & Behavior.

## Courses

### A Psy 101M Introduction to Psychology (3)

The basic methods and points of view in the scientific study of human behavior. Topics include biological bases of behavior, personality organization, intelligence, motivation, emotions, learning, and social relations. For psychology majors completing their major requirements as outlined in this bulletin or subsequent editions, A Psy 101M is restricted to A-E grading after matriculation at Albany. [SS]

### A Psy 102M Advanced Introduction to Psychology (4)

Same topics as A Psy 101M, but topics are covered in greater detail. Three class periods and one discussion-laboratory section per week. This course is intended for students who have more than average interest in psychology and who are considering becoming psychology majors. Only one of A Psy 101 or 102 may be taken for credit. [SS]

### A Psy 203 Psychology of Child Development (3)

The genesis of various behavior forms; social, emotional, and intellectual development in contemporary society; the relationship between childhood experience and personality development. Prerequisite(s): A Psy 101M.

### A Psy 210 Statistical Methods in Psychology (3)

Methods of analyzing quantitative data in psychology and the behavioral sciences. The relation of each of the various methods to the design of experiments. For psychology majors completing their major requirements as outlined in this bulletin or subsequent editions, A Psy 210 is restricted to A-E grading after matriculation at Albany. Prerequisite(s): A Psy 101M. [MS]

### A Psy 211 Experimental Psychology (3)

Topics of psychological research, with emphasis on the manipulation and control of variables, reducing error variance, internal and external validity, the elimination of confounding factors, and social-psychological aspects of experiments. Discussion includes selected topics in the philosophy of science, logical inference, hypothesis testing, theory construction and ethics. For psychology majors completing their major requirements as outlined in this bulletin or subsequent editions, A Psy 211 is restricted to A-E grading after matriculation at Albany. Prerequisite(s): A Psy 101M and 210.

### A Psy 214 Introduction to Biopsychology and Behavioral Neuroscience (3)

An introduction to basic nervous system function and its control of behavior. Examination of the contribution of the field of neuroscience to understanding both normal and abnormal behavior. Topics will include anatomical, neurochemical, physiological, developmental and endocrine aspects of neurobehavioral function. Prerequisite(s): A Psy 101M.

### A Psy 250 The Psychology of Decision Making (3)

An introduction to the psychology of decision making with an emphasis on the cognitive, emotional, and social dynamics of decision making, understanding factors that adversely affect effective decision making, and exploration of strategies that maximize good decision making.

### A Psy 270 Social Psychology (3)

The relation between the individual and the group, the influence of culture and of institutions on human personality, the nature and types of leadership, factors in the development of social attitudes, the psychology of mass movements and of social decisions. Prerequisite(s): A Psy 101M.

### A Psy 297 Directed Study in Psychology (3)

Provides an opportunity for a sophomore to work on a project under the supervision of a faculty member. Open to majors and nonmajors. May be repeated for credit. A Psy 297Z is the writing intensive version of A Psy 297. A maximum of 3 credits in independent study courses (A Psy 297/297Z, 397/397Z, or 497Z) may be applied to major credit, but may not be used to satisfy the 300-or-above requirement. Applicant must present a statement which defines the research, lists resources, provides method(s) of evaluating student, and bears the approval by signature of the faculty supervisor. Prerequisite(s): A Psy 101M and permission of instructor. *S/U* graded

### A Psy 297Z Directed Study in Psychology (3)

May be repeated for credit. A Psy 297Z is the writing intensive version of A Psy 297. A maximum of 3 credits in independent study courses (A Psy 297/297Z, 397, or 497Z) may be applied to major credit, but may not be used to satisfy the 300-or-above requirement. Applicant must present a statement which defines the research, lists resources, provides method(s) of evaluating student, and bears the approval by signature of the faculty supervisor. Prerequisite(s): A Psy 101M and permission of instructor. *S/U* graded. [WI]

### A Psy 301 (= A Lin 301 = A Phi 301) Introduction to Cognitive Science (3)

Cognitive science investigates the nature of the human mind and cuts across several disciplines (e.g., psychology, computer science, philosophy, linguistics). This course examines the approaches these disciplines use to promote our understanding of various mental phenomena (e.g., perceiving, reasoning, production and comprehension of language, memory). Only one of A Lin 301, A Phi 301 & A Psy 301 may be taken for credit. May not be offered in 2003-2004.

### A Psy 310 History of Psychology (3)

A critical analysis of basic writings which have contributed to the historical development of psychology as a science. A Psy 310Z is the writing intensive version of 310; only one may be taken for credit. Prerequisite(s): A Psy 101M. May not be offered in 2003-2004.

### A Psy 310Z History of Psychology (3)

A Psy 310Z is the writing intensive version of 310; only one may be taken for credit. Prerequisite(s): A Psy 101M. May not be offered in 2003-2004. [WI]

### A Psy 314 Advanced Biopsychology and Behavioral Neuroscience (3)

The role of physiological mechanisms in behavioral processes. Detailed examination of the involvement of biological systems in feeding and drinking, sexual behavior, sleep and arousal, learning and memory, psychopathology and psychopharmacology. Prerequisite(s): A Psy 214 or permission of instructor.

### A Psy 315 Biological Bases of Behavior Laboratory (1)

Through demonstration and experimentation, students will explore topics of current research interest to the Biopsychology faculty. Manipulation of brain systems and quantification of behavioral outcomes will be emphasized. Prerequisite(s): A Psy 314 and permission of instructor. May not be offered in 2003-2004.

### A Psy 327 Personality (3)

Biological and social determinants of personality and its development; methods of studying personality; the various systems of psychology and their interpretations of personality structure. Prerequisite(s): A Psy 101M.

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## **A Psy 328 Social Cognition (3)**

Introduction to the cognitive processes governing how we think about and make judgments about the self, other people, and social situations, and how other people and social situations influence how we think. Reviews classic and current research on causal attribution, social schemata, person perception, and other social inference mechanisms. Prerequisite(s): A Psy 101M and 270. May not be offered in 2003-2004.

## **A Psy 329 Health Psychology (3)**

Survey of psychological theory and research in the promotion and maintenance of health, the prevention and treatment of illness, and the improvement of health care delivery. Topics include health-enhancing and health-compromising behaviors, stress and coping, patient-provider communication, pain management, and psychosocial aspects of specific illnesses such as cancer, heart disease, and AIDS. Prerequisite(s): A Psy 101M. May not be offered in 2003-2004.

## **A Psy 333 Childhood Behavior Disorders (3)**

Survey of the behavior disorders of childhood, including conduct disorders, pervasive developmental disorders, and other childhood problems that are of concern to those who work with children. Prerequisite(s): A Psy 101M and 203.

## **A Psy 338 Abnormal Psychology (3)**

Survey of the behavior disorders, including the psychoses, psychoneuroses, mental deficiencies, and other forms of psychopathology. A Psy 338Z is the writing intensive version of A Psy 338; only one may be taken for credit. Prerequisite(s): A Psy 101M, and 203 or 327.

## **A Psy 338Z Abnormal Psychology (3)**

A Psy 338Z is the writing intensive version of A Psy 338; only one may be taken for credit. Prerequisite(s): A Psy 101M, and 203 or 327. [WI]

## **A Psy 339Z Psychological Disorders:**

### **Psychopathology and Psychotherapy (3)**

Advanced course in psychopathology and behavior change reviewing principle psychological disorders in terms of diagnosis, assessment, and treatment with new specific therapies, both drug and psychological. This will be a writing-intensive course where students will participate in a self-change process, writing up the results. Prerequisite(s): A Psy 338 and permission of instructor. May not be offered in 2003-2004. [WI]

## **A Psy 340 The Psychology of Human Sexuality (3)**

In-depth coverage of research and theory on: biological and social causes of sex differences in behavior, attraction and love, marriage and alternatives, sexual behavior, personality variables relating to sexual responsiveness, sexual dysfunction, sexual deviations, effects of erotica, and birth control. A Psy 340Z is the writing intensive version of A Psy 340; only one may be taken for credit. Prerequisite(s): A Psy 101M.

## **A Psy 340Z The Psychology of Human Sexuality (3)**

A Psy 340Z is the writing intensive version of Psy 340; only one may be taken for credit. Prerequisite(s): A Psy 101M. [WI]

## **A Psy 341 Industrial/Organizational Psychology (3)**

Survey of theory, research, and applications in major topical areas of industrial/organizational psychology. Topics include work motivation, job satisfaction, performance appraisal, leadership, personnel selection, training and development, communication, psychological testing, and organization development. A Psy 341Z is the writing intensive version of A Psy 341; only one may be taken for credit. Prerequisite(s): A Psy 101M; 210 or equivalent statistics course approved by the instructor, or permission of instructor.

## **A Psy 341Z Industrial/Organizational Psychology (3)**

A Psy 341Z is the writing intensive version of A Psy 341; only one may be taken for credit. Prerequisite(s): A Psy 101M; 210 or equivalent statistics course approved by the instructor, or permission of instructor. [WI]

## **A Psy 365 Psychology and Language (3)**

Introduction to problems of linguistic behavior; psychological aspects of phonology, syntax, and semantics; theoretical interpretations of language behavior; relationship of language to cognitive processes; study of communication. Prerequisite(s): A Psy 101M and permission of instructor. May not be offered in 2003-2004.

## **A Psy 368 The Self (3)**

Reviews classic theories and current issues regarding the psychology of self and identity. Topics include the nature and structure of the self-concept and self-esteem, sources of self-knowledge, self-regulation, public and private motives of the self, and cognitive, motivational and emotional effects of the structure and content of the self. Prerequisite(s): A Psy 101M and 270. May not be offered in 2003-2004.

## **A Psy 370 Human Aggression (3)**

Examination of biological, psychoanalytic, and social-psychological approaches to the scientific study of aggression. Application of scientific explanation for understanding such social problems as child and spouse abuse, homicide, rape, racial and ethnic hatreds, and war. A Psy 370Z is the writing intensive version of A Psy 370; only one may be taken for credit. The former A Psy 470 does not yield writing intensive credit. Prerequisite(s): 6 credits in psychology. May not be offered in 2003-2004.

## **A Psy 370Z Human Aggression (3)**

A Psy 370Z is the writing intensive version of A Psy 370; only one may be taken for credit. The former A Psy 470 does not yield writing intensive credit. Prerequisite(s): 6 credits in psychology. May not be offered in 2003-2004. [WI]

## **A Psy 371 (= A Wss 371) Sexual and Physical Abuse (3)**

In depth coverage of abuse and neglect of children and elderly people, relationship violence in heterosexual, lesbian and gay relationships, rape and other forms of sexual coercion, sexual abuse of children, child pornography and prostitution and sexual harassment. Research and theories from diverse areas of psychology will be used. Emphasis will be on prevention. A Psy 371Z is the writing intensive version of A Psy 371; only one may be taken for credit. Prerequisite(s): A Psy 101M and A Psy 210 or an equivalent statistics course approved by instructor or permission of instructor.

## **A Psy 371Z (= A Wss 371Z) Sexual and Physical Abuse (3)**

A Psy 371Z is the writing intensive version of A Psy 371; only one may be taken for credit. [WI]

## **A Psy 380 Learning (3)**

Analysis of basic problems in learning. Consideration of data resulting from human and animal experimentation. A Psy 380Z is the writing intensive version of A Psy 380; only one may be taken for credit. Prerequisite(s): A Psy 210 and 211; or permission of instructor.

## **A Psy 380Z Learning (3)**

A Psy 380Z is the writing intensive version of A Psy 380; only one may be taken for credit. Prerequisite(s): A Psy 210 and 211; or permission of instructor. [WI]

## **A Psy 381 Memory and Cognition (3)**

Examination of both basic and complex information processing skills of humans. Topics include sensory memory, selective attention, pattern recognition, coding processes, short-term and long-term memory performance, theories of recognition and recall, and theories of semantic memory. Prerequisite(s): A Psy 101M and 380 or 380Z.

## **A Psy 382 Sensation and Perception (3)**

Consideration of biological and psychophysical aspects of sensory systems and the processes by which organisms process sensory information and organize their perceptual worlds. Human perception will be stressed. A Psy 382Z is the writing intensive version of A Psy 382; only one may be taken for credit. Prerequisite(s): A Psy 211 or permission of instructor. May not be offered in 2003-2004.

## **A Psy 382Z Sensation and Perception (3)**

A Psy 382Z is the writing intensive version of A Psy 382; only one may be taken for credit. Prerequisite(s): A Psy 211 or permission of instructor. [WI]. May not be offered in 2003-2004.

## **A Psy 384 Motivation (3)**

Will explore current human motivation theories and research, focusing on the social, cognitive, and emotional processes that initiate, energize, and direct behavior. Topics will include: the structure and function of goals, examining reasons for engaging in activities and the application of theories and research findings to various life domains. Prerequisite(s): A Psy 101M, 210, 211, and 270. May not be offered in 2003-2004.

## **A Psy 385 Evolutionary Psychology (3)**

Review of the genetic, ecological, and adaptive correlates of behavior. Topics include the comparative development of higher mental processes, aggression, anti-predator behaviors, biological constraints on learning, and behavior genetics, with emphasis on animal behavior and evolution as a model for understanding human behavior. Prerequisite(s): A Psy 101M.

## **A Psy 386 Psychology of Aging (3)**

Theoretical assumptions of the aging process; aging as it affects various psychological functions and associated social-psychological processes; implications for social and institutional policy. A Psy 386Z is the writing intensive version of A Psy 386; only one may be taken for credit. Prerequisite(s): A Psy 101M and 203. May not be offered in 2003-2004.

## **A Psy 386Z Psychology of Aging (3)**

A Psy 386Z is the writing intensive version of A Psy 386; only one may be taken for credit. Prerequisite(s): A Psy 101M and 203. [WI]. May not be offered in 2003-2004.

**A Psy 387 Behavior Genetics (3)**

Examination of the role which heredity plays in individual differences in behavior, and the mechanisms by which these influences operate. Emphasis on the role of genetics in development of the organism and its behavior. Prerequisite(s): 9 credits in psychology including A Psy 101M and A Psy 210; or permission of instructor

**A Psy 388 Introduction to Psychopharmacology (3)**

Overview of the principles of psycho-pharmacology as relevant to drug use; the biological, neurochemical and physiological mechanisms underlying the actions of drugs; psychiatric medications and their therapeutic actions and associated toxicities; and the history, consequences and complexity of drug use and abuse. Prerequisite(s): A Psy 214. May not be offered in 2003-2004.

**A Psy 397 Directed Research in Psychology (3)**

Provides the opportunity for a junior to work on a research project under the supervision of a faculty member. Open to majors and nonmajors. May be repeated for credit. A Psy 397Z is the writing intensive version of A Psy 397. A maximum of 3 credits in independent study courses (A Psy 297/297Z, 397/397Z, or 497Z) may be applied to major credit, but may not be used to satisfy the 300-or-above requirement. Each applicant must present a statement of the intended project which clearly defines the problem and/or topic, lists resources for the project, provides the basis of student evaluation, and bears the approval by signature of the faculty adviser. Prerequisite(s): A Psy 210 and 211 and permission of instructor. *S/U* graded.

**A Psy 397Z Directed Research in Psychology (3)**

May be repeated for credit. A Psy 397Z is the writing intensive version of A Psy 397. A maximum of 3 credits in independent study courses (A Psy 297/297Z, 397/397Z, or 497Z) may be applied to major credit, but may not be used to satisfy the 300-or-above requirement. Each applicant must present a statement of the intended project which clearly defines the problem and/or topic, lists resources for the project, provides the basis of student evaluation, and bears the approval by signature of the faculty adviser. Prerequisite(s): A Psy 210 and 211 and permission of instructor. *S/U* graded. [WI].

**A Psy 399 Honors Seminar (3)**

Seminar specifically designed for students admitted to the department's honors program. The course involves discussion of design problems in a particular psychological context, outlining ways in which psychological science progresses, from the generation of hypotheses to the interpretation of information gathered and design and analysis. Discussion will also follow a written evaluation, against a number of explicit desiderata, of a paper presented by a member of the group, or one from the literature, or one from a member of the faculty. Ethical issues will also be considered, specifically those that arise from performance of research using human subjects. Prerequisite(s): admission to the department's honors program.

**A Psy 414 Human Neuropsychology (3)**

Evaluation of the functions of the human brain. Basic brain-behavior relationships are examined from both brain-impaired populations and nonpatient groups. A Psy 414Z is the writing intensive version of A Psy 414; only one may be taken for credit. Prerequisite(s): A Psy 314 or permission of instructor. May not be offered in 2003-2004. May not be offered in 2003-2004.

**A Psy 414Z Human Neuropsychology (3)**

A Psy 414Z is the writing intensive version of A Psy 414; only one may be taken for credit. Prerequisite(s): A Psy 314 or permission of instructor. [WI]

**A Psy 419 Autism I (3)**

This course introduces students to autism spectrum disorders. Included are discussions of the biological bases for the disorders as well as philosophical and historical perspectives. Highlighted is recent research on treatment approaches, including efforts to improve communication and social skills as well as decrease problem behaviors. Prerequisite(s): A Psy 101M or its equivalent

**A Psy 420 Autism II – Introduction to Intervention (3)**

This course will provide students with an in-depth knowledge of the empirically validated techniques used to treat children with autism. Highlighted will be programmatic efforts to improve the language/communication and social skills of these children. Additionally, related research on reducing problem behavior, including Functional Behavior Assessment and Positive Supports (as described in the Individuals with Disabilities Education Act) will be covered. Expanded coverage of behavior analysis, the application of these basic principles, and ethical issues related to the delivery of services will be highlighted. Prerequisite(s): Students are required to have successfully completed A Psy 319.

**A Psy 421 Autism III – Practicum in Intervention (3)**

This course will parallel the Introduction to Intervention course and will involve students being engaged in practicum experiences with children having autism. Students will be supervised as they work with children with this disorder and will be required to design and implement a series of plans with the students that support the Individualized Education Plan. The application of behavior analysis principles and the ethical issues involved in their delivery will be covered.

**A Psy 450 Selected Topics in Psychology (3)**

Selected topics from the current literature bearing on issues that define the specified fields. Specific areas to be announced at time of offering. May be repeated once for credit. A Psy 450Z is the writing intensive version of A Psy 450. Prerequisite(s): A Psy 210 and 211 and permission of instructor.

**A Psy 450Z Selected Topics in Psychology (3)**

May be repeated once for credit. A Psy 450Z is the writing intensive version of A Psy 450. Prerequisite(s): A Psy 210 and 211 and permission of instructor. [WI]

**A Psy 497Z (formerly A Psy 497) Independent Study and Research (3–6)**

Survey of the research literature and/or conduct of a research project on a selected methodological, theoretical, or applied problem. Each student must have a faculty adviser. Open to majors and nonmajors. May be repeated for credit. A maximum of 3 credits in independent study courses (A Psy 297, 397, or 497Z) may be applied to major credit, but may not be used to satisfy the 300-or-above requirement. Each applicant must present a statement of the intended project which clearly defines the problem and/or topic, lists resources for the project, provides the basis of student evaluation, and bears the approval by signature of the faculty adviser. The former A Psy 497 does not yield writing intensive credit. Prerequisite(s): A Psy 101M and 12 additional credits in psychology and permission of instructor; statement of the intended project and a study plan; A Psy 210 and 211 recommended. *S/U* graded. [WI]

**A Psy 499 Honors Project in Psychology (3)**

The design, conduct, analysis, interpretation, and write-up of a research project under the supervision of a faculty mentor. Open to Honors Program students only. Each applicant must present a full proposal of the intended project. May be repeated once for credit. A Psy 499Z is the writing intensive version of A Psy 499. Prerequisite(s): A Psy 399 and permission of the chair.

**A Psy 499Z Honors Project in Psychology (3)**

May be repeated once for credit. A Psy 499Z is the writing intensive version of A Psy 499. Prerequisite(s): A Psy 399 and permission of the chair. [WI]



# RELIGIOUS STUDIES PROGRAM

## Faculty

### *Distinguished Service Professor*

Ronald A. Bosco, Ph.D. (Collins Fellow)

Department of English

Paul W. Wallace, Ph.D.

Department of Classics

### *Distinguished Teaching Professors Emeritae/i*

Gary H. Gossen, Ph.D.

Department of Anthropology

### *Professors Emeritae/i*

Jerome Eckstein, Ph.D.

Department of Judaic Studies

Thomas R. Martland, Ph.D.

Department of Philosophy

Hans A. Pohlsander, Ph.D.

Department of Classics

William L. Reese, Ph.D.

Department of Philosophy

### *Professors*

Donald Biggs, Ed.D.

Department of Counseling Psychology

Charles Hartman, Ph.D.

Department of East Asian Studies

John Monfasani, Ph.D.

Department of History

Herman P. Salomon, D. Litt.

Department of French Studies

Mary Beth Winn, Ph.D.

Department of French Studies

### *Associate Professors*

Robert M. Garvin, Ph.D.

Department of Philosophy

Daniel Grossberg, Ph.D.

Department of Judaic Studies

K. Drew Hartzell, Ph.D.

Department of Music

Stanley J. Isser, Ph.D.

Department of Judaic Studies

George A. Levesque, Ph.D.

Department of Africana Studies

Roger W. Stump, Ph.D.

Department of Geography and Planning

The Religious Studies Program is an interdisciplinary program reflecting a wide variety of academic interests and disciplines. Its purpose as a program is to produce a formal structure for the study of the religions of humankind.

“Religion” is that which is to be studied; “religious studies” is the composite program and/or the official title for the formal structure produced for the study of religion. Religious belief will not be necessary in order to take courses or to participate in the program.

Religion, one of the most basic of human concerns, has occupied a leading place in the thought and activities of all peoples from the earliest civilizations (as shown by archaeology), through early literate societies, (as seen in their religious texts), to the present, where religious beliefs and their consequences continue to shape the daily news.

## Degree Requirements for the Faculty-Initiated Interdisciplinary Major with a Concentration in Religious Studies

General program B.A.: Religious Studies requires a minimum of 36 credits, at least 18 of which must be on the 300 and 400 level, distributed as follows:

1. 15 credits from Breadth Courses, of which the following are required: A Rel 100L, A Phi 214, A Ant 363.

Breadth Courses: A Aas 341; A Ant 175L; A Cas 222; A Clc 105L (or 105E); A Gog 102M (or 102G), 442Z; A His 235 (or 235Z), A His 387 (or 387Z), A His 388 (or 388Z); A Jst 150, 253; A Phi 116L, 311, 322, 342, 344, 346; A Rel 200L, 299, 397; A Soc 352.

2. 18 credits from one of the Concentrations: Religious Creative Expressions (Art, Architecture, Music, Literature); Religion and Society; or Critical Issues of Religion.

Courses for the Concentration in Religious Creative Expressions (Art, Architecture, Music, Literature): A Ant 268L; A Arh 170L, 171L, 331, 332, 341, 342Z, 374, 432, 442; A Eac 199; A Cla 207L, 207E, 208L, 307, 402, 460; A Clc 223L; A Eng 221 (or A Jst 242, or A Rel 221), 289, 348, 421, 432; A Heb 203, 390; A Ita 421; A Jst 230, 280, 281 (or 281Z), 330, 337; A Mus 205, 432Z; A Thr 221L.

Courses for the Concentration in Religion and Society: A Ant 145, 243, 341M or (341G), 433; A Cas 160 (or 160Z); A Clc 402, 403, 407; A His 324, 338, 339, 348, 381, 383, 387, 388, 425A, 463; A Jst 221, 244, 248, 251, 252, 254, 341, 342, 343 (or 343Z), 344 (or 344Z); A Spn 313.

Courses for the Concentration in Critical Issues in Religion: A Est 120; A Jst 291, 325, 335, 430; A Phy 201L or 201E; A Pos 358, 359; or A Ssw 220.

3. Three credits from the senior seminar A Rel 499.

NOTE: Courses that conform to the intent and content of the program, but are not listed may be counted towards fulfilling the requirements upon approval of the program director. A rearrangement of courses into new concentrations may be possible upon the approval of the program director.

Students may also complete a minor in religious studies.

## Courses

### A Rel 100L Introduction to the Study of Religion (3)

Exploration of the religious dimension of life, with an introduction to the theory and practice of religion, including such topics as myth, ritual, belief, reason, revelation, mysticism, religious organization, etc., and their relation to other personal, social and cultural aspects of human experience, past and present. [DP if taken before Fall 2004; HU]

### A Rel 103L (= A Clg 103L) Introduction to New Testament Greek I (4)

Introduction to the fundamentals of the grammar and vocabulary of the New Testament. Readings in the gospel of John and the Book of Acts. No previous knowledge of Greek required. Only one of A Clg 103L & A Rel 103L may be taken for credit.

### A Rel 104L (= A Clg 104L) Introduction to New Testament Greek II (4)

Continuation of A Clg 103L. Only one of A Clg 104L & A Rel 104L may be taken for credit. Prerequisite(s): A Clg 103L or permission of instructor.

### A Rel 116L (= A Phi 116L) World Views (3)

Examination of some of the major systems of assumptions and values humans have used in attempting to understand reality, the meaning of life, and their dealings with others. World views studied may vary from semester to semester. Examples are Greek, Judeo-Christian, Marxist and libertarian. Only one of A Phi 116L & A Rel 116L may be taken for credit. [HU]

### A Rel 155 (= A Jst 155) Judaism: Traditions and Practices (3)

Examines development of normative Jewish traditions and practices from rabbinic period to present. Major focus is Jewish religious groups and observances in contemporary United States. Topics include how different Jewish groups situate themselves in American society; Jewish calendar and life-cycle observances; impact of feminism; social action agendas; role of Israel. [DP]

### A Rel 175L (= A Ant 175L) Anthropology and Folklore (3)

Introduction to the study of folklore as an aspect of culture, symbolically expressing people's identity, beliefs and values. The focus is on oral text traditions—myths, folktales, and legends—topics in folk custom and ritual, folk music and folk art are also included. Includes folklore from Western and non-Western cultures. Offered fall semester only. Only one of A Ant 175L & A Rel 175L may be taken for credit. [HU]

### A Rel 199 (= A Eac 199) Introduction to the I-Ching (3)

The I-Ching, which is probably the oldest book in existence, is a repository of concepts basic to Chinese culture and its development of a uniquely Chinese world view. This course will focus on the central position of the I-Ching in Chinese intellectual and spiritual life and provide a system of knowledge whereby man can analyze the pattern of changes in life governed by the Immutable Law of Change. Only one of A Rel 199 & A Eac 199 may be taken for credit.



**A Rel 200L Introduction to the Bible (3)**

This course is intended to introduce the student to the content, background, and nature of the writings that constitute the basis of Judeo-Christian culture. Modern methods of research (textual, archaeological) will be discussed, and class sessions will often be illustrated by slides of works of art (statuary, mosaic, painting) inspired by the Biblical narrative. May not be offered in 2003-2004. [HU]

**A Rel 203 (= A Heb 203) Biblical Hebrew (3)**

Methods and research tools of modern Bible study. Grammar and syntax of classical Hebrew for students familiar with modern Hebrew. Only one of A Rel 203 & A Heb 203 may be taken for credit. Prerequisite(s): A Heb 102.

**A Rel 214 (= A Phi 214) World Religions (3)**

Survey of the major religions of the world, concentrating on those practices and beliefs that contribute to their value systems. Religions include Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism and Taoism. Only one of A Rel 214 & A Phi 214 may be taken for credit. [DP if taken *before* Fall 2004; GC]

**A Rel 221 (= A Eng 221 & A Jst 242) The Bible as Literature (3)**

Literary genres of the Hebrew Bible (Old Testament) and the cultures from which they emerged. Attention to parallel developments in other literatures and to the influence of the Hebrew Bible on Western life and letters. Only one of A Eng 221, A Jst 242 & A Rel 221 may be taken for credit.

**A Rel 231 (= A Jst 231) Modern Jewish Thought (3)**

An examination of changes over time in Jewish thought and philosophy from the seventeenth century to the present. Focuses on key Jewish thinkers, philosophers, and theologians. One-third of the course is devoted to Jewish thought in the American context. [EU]

**A Rel 252 (= A Jst 252) Jews, Hellenism, and Early Christianity (3)**

History of the Jewish people from Alexander the Great to the decline of the ancient world. Topics include examination of cultural conflict in Judaea and the diaspora, confrontation with Greco-Roman Hellenism and early Christianity, sectarianism, and the beginnings of Rabbinic institutions. Only one of A Jst 252, 342, 342Z & A Rel 252 may be taken for credit. [EU]

**A Rel 253 (= A Jst 253) Medieval Jews Among Muslims and Christians (3)**

Studies Jewish history, life and culture in the contexts of the Muslim and Christian civilizations of the Middle Ages. Discusses differences among Jews, Muslims and Christians; emphasizes reactions to persecution, Jewish autonomy and social life as a minority group in a majority culture, and the development of Jewish law, literature, philosophy and mysticism. Only one of A Jst 253, 343, 343Z & A Rel 253 may be taken for credit. [EU]

**A Rel 254 (= A Jst 254) The Jews in the Modern World (3)**

A survey of modern Jewish history from 1700 to the present, emphasizing the Jewish encounter with modernity in both Western and Eastern Europe. Themes include the struggle for enlightenment and civil rights; religious reforms in Judaism, the Hasidic movement, reactions to anti-Semitism, Jewish nationalist and political movements, the Holocaust, events leading up to the founding of the State of Israel, and Jewish history in the United States. Includes readings from primary sources and fiction. Only one of A Jst 254, 344, 344Z & A Rel 254 may be taken for credit. [GC]

**A Rel 256 (= A Jst 256) World Jewry since the Holocaust (3)**

An examination of the trajectory of the historical and demographic changes in Jewish civilization since World War II and the Holocaust. Investigates significant changes in diaspora Jewry as well as the emergence of America and Israel as the postwar centers of modern Jewish life. One-third of the course is devoted to changes in American Jewish life and culture.

**A Rel 261 (= A Eas 261) Introduction to the Religions of Japan (3)**

An introduction to the major religious traditions of Japan, particularly Shinto and Buddhism, this course will cover the major forms of religious expression in Japanese history from the earliest historical records to the so-called New Religions which arose in the twentieth century. Discussion will include the philosophical, artistic, social, and political dimensions of religion in Japanese society.

**A Rel 265 (= A Eas 265) Introduction to Indian Buddhism (3)**

An introduction to the story of Buddhism in South Asia. Focus is on the evolution of the Buddhist view of sentient life during its first 1500 years on the subcontinent as expressed primarily in doctrine, but cultural, artistic, social, and political issues will also be considered.

**A Rel 266 (= A Eas 266) Introduction to Religions of Japan (3)**

An introduction to the heritage of Buddhism in East Asia. Focus is on the cultural interaction between Indian Buddhist notions of the human condition and the traditional religious and philosophical assumptions of China and Japan. Discussion will center on doctrine and the history of its transmission and understanding, including issues in language, artistic expression, and the establishment of the monastic community.

**A Rel 270 (= A Jst 270) Jewish-Christian Relations (3)**

This course compares and contrasts the belief systems and historical contacts, both positive and negative, of Jews and Christians, from the origins of Christianity to the ecumenical movement in the contemporary United States. Only one of A Jst 270 & A Rel 270 may be taken for credit. [DP]

**A Rel 275 (= E Edu 275) Social Morality and Citizenship Education in a Pluralistic Society (3)**

This course discusses the concepts of good and bad citizens that have given rise to disputes about citizenship and education for citizenship. It considers various historical, philosophical, and cultural perspectives on public virtues and the concept of the common good in the context of a pluralistic and democratic society. Only one of A Rel 275 & A Edu 275 may be taken for credit. [DP]

**A Rel 280 (= A Jst 280) The Torah (3)**

General introduction to The Five Books of Moses (in English) considered against a background of religious, social and philosophical aspects. Studies the significance of the Torah in the development of Judaic civilization. Only one of A Jst 280 & A Rel 280 may be taken for credit.

**A Rel 281 (= A Jst 281) The Prophets (3)**

Survey of the prophets in general (in English), emphasizing the moral and social role of the individual prophet and his impact upon Judaism and Western civilization. A Rel 281Z & A Jst 281Z are the writing intensive versions of A Jst 281 & A Rel 281; only one of the four courses may be taken for credit.

**A Rel 281Z (= A Jst 281Z) The Prophets (4)**

A Rel 281Z & A Jst 281Z are the writing intensive versions of A Jst 281 & A Rel 281; only one of the four courses may be taken for credit. [WI]

**A Rel 282 (= A Jst 282) Late Biblical Literature (3)**

Examination of books in the "Ketuvim" (Writings) section of the Hebrew Bible and some works of the Apocrypha (in English). Topics include stories (Ruth, Judith) poetry (Psalms Song of Songs) wisdom (Job, Ecclesiastes) historiography (Chronicles) and apocalyptic (Daniel, II Esdras) and how these works develop themes from earlier biblical literature. Only one of A Rel 282 & A Jst 282 may be taken for credit.

**A Rel 285 (= A Jst 285) Hero and Antihero in Scripture (3)**

An examination of different kinds of heroic figures in biblical literature, with questions about literary presentation, religious significance, and historicity. The course looks at ideal and roguish characteristics of heroic individuals in the biblical text and how these are treated in later exegesis and modern scholarship. A wide variety of men and women from the Hebrew Bible, the Apocrypha, and the New Testament are studied, but particular emphasis is placed on Moses, David and Jesus. [BE] [OD]

**A Rel 286 (= A Jst 286) Jerusalem: the City and the Idea (3)**

Now the capital of Israel, Jerusalem has been central to Jewish history and religion, as well as to Christianity and Islam. The course surveys its physical history, its image in religion, nationalism, literature, and the arts, and its various populations and their subgroups. It aims to provide a sophisticated understanding of the demographics and politics of contemporary Jerusalem.

**A Rel 291 (= A 291 and A Jst 291) Messiah and Messianism in Judaism and Christianity (3)**

Origins of Jewish and Christian messianism in the Old and New Testaments and related literature. Topics include the projection of a society's ultimate values, and the tension caused by the actual attempts to realize those values; i.e., to achieve salvation through messianic movements. Only one of A His/Jst/Rel 291 may be taken for credit. [GC]

**A Rel 297L (= A His 297L) Religion and Society in History (3)**

This course will focus on the role religion has played in societies from antiquity to the present. Our examination will include the anointed kings of ancient Israel, the idealized unity of emperor and patriarch in Byzantium, the universal claims of the Holy Roman Empire, the role of the prophet in Islam, the divinity of the Emperor in China and Japan, the conception of the monarchy in Western and Eastern Europe, the anti-religious rhetoric of European revolutions, the separation of church and state in contemporary secular societies, the current revival of fundamentalism, and the persistence of wards based on religion. Architecture, music, iconography, and rituals will be examined for the information they provide. [GC HU]

**A Rel 297E (= A His 297E) Religion and Society in History (4)**

A Rel 297E is the writing intensive version of A Rel 297L; only one may be taken for credit. [GC HU WI]

**A Rel 299 Topics in Religious Studies (1-4)**

Study of a selected topic in religious studies. May be taken more than once with different content. Consult fall and spring schedule of classes for specific topics.

# University at Albany

## **A Rel 322 (= A Phi 322) Philosophy of Religion (3)**

Philosophical analysis of selected religious concepts and programs, based upon the writings of representative philosophers and theologians. Focuses on Judeo-Christian tradition. Only one of A Rel 322 & A Phi 322 may be taken for credit. Prerequisite(s): a 100- or 200-level course in philosophy.

## **A Rel 325 (= A Jst 325) Rabbinic Literature (3)**

A study of one or more works of rabbinic literature from among Mishnah, Talmud, Midrash, commentaries, and codes. Analytical reading of the texts in English translation and discussion of their religious, legal, historical, and literary implications. May be repeated for credit if topic differs. Prerequisite(s): A Jst 150 or A Jst 155.

## **A Rel 335 (= A Jst 335) The Holocaust in Christian and Jewish Theology (3)**

The Christian and Jewish theological and philosophic response to the genocide committed by the Nazis. Christian theologians deal with Christianity's role in the Holocaust, and Jewish theologians examine the problem of God's justice. Examines the works of Flannery, Eckhardt, Littell, Rubenstein, Fackenheim and Berkovits. Only one of A Jst 335 & A Rel 335 may be taken for credit. Prerequisite(s): A Jst 150 or a course in philosophy.

## **A Rel 342 (= A Phi 342) Indian Philosophies (3)**

Introduction to Indian philosophies from pre-Vedic India to contemporary thought. Only one of A Rel 342 & A Phi 342 may be taken for credit. Prerequisite(s): A Phi 214 or A His 176 or A His 177 (or 177Z), or junior or senior class standing.

## **A Rel 344 (= A Eac 344 & A Phi 344) Chinese Philosophies (3)**

Introduction to Chinese philosophies from the Chou period to contemporary thought. Only one of A Phi 344, A Eac 344 & A Rel 344 may be taken for credit. Prerequisite(s): A Phi 214 or A Eac 170 or A His 176 or A His 177 (or 177Z); or junior or senior class standing.

## **A Rel 345 (= A Eas 345) Ethical Issues in East Asian Thought (3)**

This is a discussion course that looks at ethical issues of contemporary significance to the cultures of Asia. Students read contemporary academic discussions of how problems such as suicide, euthanasia, abortion, sexuality, cloning, etc. have been understood historically and in terms of contemporary social morality in India, China, Tibet, and Japan.

## **A Rel 346 (= A Phi 346) Japanese Religions and Philosophies (3)**

Introduction to Japanese philosophies and religions from the pre-Buddhist period to contemporary Japan. Only one of A Rel 346 & A Phi 346 may be taken for credit. Prerequisite(s): A Phi 214 or A His 176 or A His 177 (or 177Z), or junior or senior class standing.

## **A Rel 357 (= A Eas 357) Zen Buddhism (3)**

An introduction to the religious, philosophical, and artistic tradition of Zen Buddhism in China, Korea, and Japan and the West. This course looks at the birth and subsequent historical evolution of the Zen or Ch'an school of Buddhism in East Asia. We will look at the intersection of Buddhist and Chinese presumptions about spirituality that gave rise to this unusual religious form, discussing precisely what is and is not iconoclastic about its tenets. The experience of American Zen communities will also be considered.

## **A Rel 363 (= A Ant 363) Ethnology of Religion (3)**

Examination of the form and functions of ritual systems as related to myth and world view on a cross-cultural basis. Emphasizes the religions of nonliterate and peasant peoples. Only one of A Ant 363 & A Rel 363 may be taken for credit. Prerequisite(s): A Ant 100 or 108M or 108G, or A Phi 214. May not be offered in 2003-2004.

## **A Rel 387 (= A His 387) Islam in the Middle East: Religion & Culture I (3)**

Social, political, economic and religious dimensions of Islam from the time of Mohammed through the 18<sup>th</sup> century with emphasis on the intellectual, cultural, and educational institutions of the Middle East. Among topics discussed will be Sunnism-Shi'ism and the schools of law, social and economic infrastructure, science and education, and reasons for the waning of the Muslim world. Prerequisite(s): Junior or Senior class standing or 3 credits of history.

## **A Rel 388 (= A His 388) Islam in the Middle East: Religion & Culture II (3)**

Social, political, economic and religious changes in the Middle East from the 18<sup>th</sup> century to Ayatollah Khomeini. Among the topics discussed will be the impact of the West on the Middle East, the role of oil in shaping the global economy, nationalist movements, the crisis in the Persian Gulf, and the rise of Islamic Revivalism. Prerequisite(s): Junior or Senior class standing or 3 credits of History.

## **A Rel 390 (= A Heb 390) Readings in Biblical Literature (3)**

Studies in a selected biblical book or genre emphasizing the tools and concerns of current biblical research as applied to both classical (traditional) and modern commentaries. The course may be taken more than once if different topics are examined. Prerequisite(s): second-year Hebrew competence, A Heb 203, or permission of instructor.

## **A Rel 391 (= A Heb 391) Wisdom Literature in the Bible (3)**

A study of Proverbs and Ecclesiastes as representatives of Biblical Wisdom literature. The literary form, cultural tradition and world outlook of these wisdom books will be examined. Course is conducted in Hebrew. Only one of A Rel 391 & A Heb 391 may be taken for credit. Prerequisite(s): third-year Hebrew competence, A Heb 203, or permission of instructor.

## **A Rel 392 (= A Heb 392) Love Poetry in the Bible (3)**

A study of the Song of Songs. The place of this erotic literature in the Hebrew Bible and the puzzling literary form of the work will be examined. Course is conducted in Hebrew. Only one of A Rel 392 & A Heb 392 may be taken for credit. Prerequisite(s): third-year Hebrew competence, A Heb 203, or permission of instructor.

## **A Rel 393 (= A Eas 393) Readings in Buddhist Texts (3)**

This is an advanced course in the study of Buddhism that will focus on the close reading of Buddhist scriptures in English translation. Prerequisite(s): A Eas 265/A Rel 265; A Eas 266/A Rel 266, or permission of the instructor.

## **A Rel 394 (= E Eas 394) Readings in Japanese Religious Studies (3)**

This is an advanced course in the religious traditions of Japan. We will read English translations of religious texts native to the Japanese experience of religion, specifically Buddhist, Shinto, Confucian, and Folk. Prerequisite(s): One of the following: A Eaj 261/A Rel 261; A Eas 266/A Rel 266, A Eas 190, A Eas 357 or permission of the instructor.

## **A Rel 397 Independent Study of Religious Studies (1-4)**

Independent reading and research on selected topics under the direction of a faculty member. May be repeated for credit when topics differ. Prerequisite(s): junior or senior class standing, permission of faculty member, and approval of program director.

## **A Rel 402 (= A Clc 402) Greek and Roman Religion (3)**

Survey of Greek and Roman religions at large followed by a detailed examination of the so-called mystery religions. Interdisciplinary in nature, it employs not only religious but also philosophical, especially ethical, literary, historical and archaeological materials. Only one of A Rel 402 & A Clc 402 may be taken for credit. Prerequisite(s): junior or senior class standing and some background in either classical or religious studies. May not be offered in 2003-2004.

## **A Rel 403 (= A Clc 403) Roman Civilization and Christianity (3)**

Roman civilization in the late Empire; the relation between pagan and Christian culture based on a study of literary and archaeological sources. Only one of A Rel 403 & A Clc 403 may be taken for credit. Prerequisite(s): A Clc 134 or A His 235 or 235Z. May not be offered during 2003-2004

## **A Rel 499 Senior Seminar in Religious Studies (3)**

Seminar on selected topics in religious studies. Preparation of a paper under the direction of a faculty member. Open to seniors with permission of director.

# RUSSIAN AND EAST EUROPEAN STUDIES PROGRAM

*Program Director*  
*Associate Professor*  
Charles Rougle  
Slavic and Eurasian Studies

The major in Russian and East European Studies offers interdisciplinary training, including necessary language skills, in a critically important geographic area. Three concentrations are available: (1) History, (2) Political Science, (3) Soviet and post-Soviet Russia. The major provides excellent preparation for post-graduate work in Russian and East European studies, international law, business, education, foreign affairs and public administration, as well as for professional careers in public or private organizations involved in international activities.

## Requirements for the Major in Russian and East European Studies

General Program B.A.:  
*REES Concentration in History*  
35 credits as follows:

Culture: 3 credits  
A Rus 161/Z or 162/Z

History: 12 credits from  
A His 353/Z, 354/Z, 355Z, 483Z

Political Science: 3 credits:  
R Pos 354

Language: 8 credits from among:  
A Rus 101-102 and/or 200-500 level  
courses  
A Pol 101-102  
A Ukr 101-102  
or other East European languages as  
advised

Senior Seminar: A Res 498/Z (3 credits)

Electives: 6 credits from *two* prefixes  
from among:  
A His 456, 463/Z, 481/Z, 483/Z, or  
485/Z (when topic is relevant) or other  
History courses as advised.  
R Pos 356, 452/Z

General Program B.A.:  
*REES Concentration in Political Science*  
35 credits as follows:

Political Science: 18 credits  
R Pos 102M/102G, 370, 371, 354, 356,  
and 452/Z (or other Political Science  
courses as advised)

History: 3 credits  
A His 355/Z

Language: 8 credits from among:  
A Rus 101-102 and/or 200-500 level  
courses  
A Pol 101-102  
A Ukr 101-102  
or other East European languages as  
advised

Senior Seminar: A Res 498/Z (3 credits)

Electives: 6 credits from *two* prefixes  
from among:  
A His 353/Z, 354/Z, 483/Z  
R Pos 350, 351, 461Z

General Program B.A.:  
*REES Concentration in Soviet and post-  
Soviet Russia*  
35 credits as follows:

Culture: 6 credits:  
A Rus 162/Z  
and 3 credits from among: A Rus 161/Z,  
270, 280, 380

History: 6 credits  
A His 354/Z  
A His 355/Z

Political Science: 6 credits  
R Pos 354  
R Pos 356

Language: 5 credits of Russian Language  
*above* A Rus 201

Literature: 6 credits  
A Rus 252L  
A Rus 253L

Senior seminar A Res 498/Z (3 credits)

Electives: 3 credits from among:  
A His 456, 463/Z, 481/Z, 483/Z, or  
485/Z (when topic is relevant)  
R Pos 350, 351, 452/Z, 461Z  
A Rus 161/Z, 251L, 261L/261E, 270,  
280, 354/Z, 380.

## Courses

### A Res 498Z Senior Seminar in Russian and East European Studies (3)

Senior research project done under the  
direction of a faculty member participating  
in the Russian and East European Studies  
Program. A reading knowledge of one  
European language, preferably East  
European, is highly recommended. [WI]

# University at Albany

## DEPARTMENT OF SOCIOLOGY

### Faculty

#### *Distinguished Professors*

Richard D. Alba, Ph.D.  
Columbia University  
John R. Logan, Ph.D.  
University of California, Berkeley

#### *Distinguished Service Professors*

Richard H. Hall, Ph.D.  
Ohio State University  
Glenna D. Spitze, Ph.D.  
University of Illinois

#### *Distinguished Teaching Professors*

Steven F. Messner, Ph.D.  
Princeton University

#### *Professors Emeritae/i*

Raymond Forer, Ph.D.  
Yale University

#### *Professors*

Christine E. Bose, Ph.D.  
Johns Hopkins University  
Donald J. Hernandez, Ph.D.  
University of California, Berkeley  
Marvin D. Krohn, Ph.D.  
Florida State University  
Steven Seidman, Ph.D.  
University of Virginia  
Scott J. South, Ph.D.  
University of Texas  
Russell A. Ward, Ph.D.  
University of Wisconsin

#### *Associate Professors Emeritae/i*

Arnold Foster, Ph.D.  
University of London  
Arthur H. Richardson, Ph.D.  
Purdue University

#### *Associate Professors*

Glenn D. Deane, Ph.D.  
University of North Carolina, Chapel Hill  
Nancy A. Denton, Ph.D.  
University of Pennsylvania  
Albert C. Higgins, Ph.D.  
University of North Carolina  
Hayward D. Horton, Ph.D.  
Pennsylvania State University  
Richard W. Lachmann, Ph.D.  
Harvard University  
Zai Liang, Ph.D.  
University of Chicago  
Karyn A. Loscocco, Ph.D.  
Indiana University  
Gwen Moore, Ph.D.  
New York University  
Lawrence E. Raffalovich, Ph.D.  
Indiana University  
Maurice N. Richter Jr., Ph.D.  
University of Chicago  
Katherine Trent, Ph.D.  
University of Texas  
David G. Wagner, Ph.D.  
Stanford University  
James R. Zetka, Jr., Ph.D.  
Northwestern University

### *Assistant Professors*

Thoroddur Bjarnason, Ph.D.  
University of Notre Dame, Indiana  
Angie Chung, Ph.D.  
University of California, Los Angeles  
Ronald N. Jacobs, Ph.D.  
University of California, Los Angeles

### *Adjuncts (estimated): 9*

### *Teaching Assistants (estimated): 6*

## Careers

A B.A. degree in sociology prepares people for positions in business, government, and the human services. Fields such as health management, public administration, gerontology, and higher educational administration include people with a sociology B.A. degree. The undergraduate degree in sociology is excellent preparation for advanced degrees and future careers in business administration, criminal justice, social welfare, law, education, and the health professions, as well as graduate study in sociology and related disciplines.

## Admission

*Application:* Students who have completed A Soc 115 (Introduction to Sociology), A Soc 220 (Introduction to Social Research), and A Soc 235 (Sociological Theory) with grades of C or better in the latter two courses may apply for admission to the major in sociology. Upon review of the student's record, the department will admit all applicants who meet the specified requirements. Students who do not meet the specified criteria for admission may retake either or both courses in order to achieve the minimum grade of C.

*Appeals:* Students denied admission to the major may appeal the decision by petition to the department chair. The deadline for appeals is the end of the fifth day of classes each semester. Appeals will be evaluated prior to the final date for adding or dropping semester-length courses each semester. The department chair and the director of the undergraduate committee will make the decision on the appeal.

*Impact on Transfer Students:* Transfer students who plan to major in sociology but have not completed A Soc 220 or A Soc 235 or their equivalents with grades of C or better may declare their intention to major in sociology but will not be formally admitted to the major when they enter the University. Students who declare their intention to major in sociology will be advised by the Sociology

Department. Upon successful completion of the two courses with a grade of C or better in each, students may apply for admission to the major. Most entering transfer students have completed A Soc 115 (Introduction to Sociology). Those who have not taken A Soc 115 may take that course their first semester, followed in the next semester by the two courses required for admission to the major. Such students may then apply for admission and, if successful, will be able to complete remaining major requirements in two or more semesters.

## Degree Requirements for the Major in Sociology

General Program B.A.: A minimum of 36 credits in sociology, including: A Soc 115M or 115G, 220, 221, 235, one 400-level seminar, and 21 additional credits of sociology as advised. Of the required 36 credits in sociology, a minimum of 12 credits must be at the 300 level or above. Note: the 400-level seminar counts toward the 12-credit minimum.

Sociology majors are restricted to A-E grading after matriculation at Albany when taking courses to fulfill the requirements in research methods (A Soc 220), statistics (A Soc 221), and theory (A Soc 235).

Majors who have satisfactorily completed A Mat 108, A Psy 210, or R Crj 281 will have A Soc 221 waived. In this case, students must substitute a 3-credit sociology course for A Soc 221.

## Special Programs or Opportunities

The department provides research opportunities for graduate and undergraduate students, a series of colloquia with locally and nationally known sociologists, and a local chapter of the national sociology honorary society, Alpha Kappa Delta. A joint B.A./M.A. program is available in sociology as well as a joint B.A./M.P.A. in sociology and public administration.

## Honors Program

The honors program in sociology combines recognition of general academic excellence with demonstrated achievement in sociology. The program is structured to provide exposure to the breadth of sociological modes of inquiry, while also stimulating and supporting original, student-initiated exploration of sociological issues.

### SELECTION AND EVALUATION

The student must have declared sociology as a major and have completed at least 12 credits of course work in sociology. The student must have an overall grade point average not lower than 3.25 and a 3.50 in sociology is required for admission to the honors program.

Upon satisfactory completion of the honors curriculum and of courses required of all majors, students will be recommended by the Director of the Honors Program to graduate with honors in sociology.

The student must maintain the same grade point average overall and the same average in the major as were required for admission to the honors program.

### CURRICULUM

A total of 36 credits in sociology, including A Soc 115M or 115G, 220, 221, 235, two substantive courses (300 level or higher) directly related to the topic of the honors thesis. Research Proposal Seminar (A Soc 488Z) and a Senior Honors Thesis (A Soc 498).

### ADMINISTRATION

The undergraduate honors director administers the program, advises students, and helps students in selecting thesis advisers.

The thesis is discussed in a forum involving the adviser, the honors director, and other faculty members selected by the student and the adviser upon its completion in the senior year.

## Combined B.A./M.A. and B.A./M.P.A. Programs

**Sociology/Sociology.** The combined B.A./M.A. program in sociology/sociology provides an opportunity for students of recognized academic ability and educational maturity to fulfill integrated requirements of undergraduate and master's degree programs from the beginning of their junior year. The program provides an integrated and focused curriculum in sociology that allows the upper-level student exposure to advanced knowledge in theory and substantive areas and opportunities for participation in research. A carefully designed program can permit a student to earn the B.A. and M.A. degrees within nine semesters.

The combined program requires a minimum of 138 credits, of which at least 30 must be graduate credits. In qualifying for the B.A., students must meet all University and college requirements, including the requirements of the undergraduate major described previously, the minor requirement, the minimum 90-credit liberal arts and science requirement, general education requirements, and residency requirements. During their junior and senior years students take A Soc 509, 510, 511, and 522. In qualifying for the M.A., students must meet all University and college requirements as outlined in the Graduate Bulletin, including completion of a minimum of 30 graduate credits and any other conditions such as a research seminar, thesis, comprehensive examination, professional experience, and residency requirements. Up to 12 graduate credits may be applied simultaneously to both the B.A. and M.A. programs.

Students are considered undergraduates until completion of 120 graduation credits and satisfactory completion of all B.A. requirements. Upon meeting B.A. requirements, students are automatically considered as graduate students.

Students may apply to the Graduate Committee for admission to the combined degree program in sociology at the beginning of their junior year or after the successful completion of 56 credits, but no later than the accumulation of 100 credits. A cumulative grade point average of 3.20 or higher and three supportive letters of recommendation from faculty are required for consideration. The Graduate Committee will thoroughly review the progress and academic standing of students admitted to the program at the end of the junior year.

**Sociology/Public Administration.** The combined B.A./M.P.A. program in sociology/public administration provides an opportunity for students of recognized academic ability and educational maturity to fulfill integrated requirements of undergraduate and master's degree programs from the beginning of their junior year. A carefully designed program can permit a student to earn the B.A. and M.P.A. degrees in one less semester than is normally required.

The combined program requires a minimum of 154 credits, of which at least 46 must be graduate credits. In qualifying for the B.A., students must meet all University and school requirements, including the requirements of the major described previously, the minor requirement, the minimum 90-credit liberal arts and science requirement, general education requirements, and residency requirements. In qualifying for the M.P.A., students must meet all University and school requirements as outlined in the Graduate Bulletin, including completion of a minimum of 46 graduate credits and any other conditions such as a research seminar, thesis, comprehensive examination, professional experience, and residency requirements. Up to 12 graduate credits may be applied simultaneously to both the B.A. and M.P.A. programs.

Students are considered as undergraduates until completion of 120 graduation credits and satisfactory completion of all B.A. requirements. Upon meeting B.A. requirements, students are automatically considered graduate students.

Students may apply to the combined degree program in sociology/public administration at the beginning of their junior year or after the successful completion of 56 credits, but no later than the accumulation of 100 credits. A cumulative grade point average of 3.20 or higher and three supportive letters of recommendation from faculty are required for consideration.

# University at Albany

## Courses

### **A Soc 115M Introduction to Sociology (3)**

Nature of culture and of human society, personality development, groups and group structure, social institutions, the processes of social change. A Soc 115G is the writing intensive version of A Soc 115M; only one may be taken for credit. [SS]

### **A Soc 115G Introduction to Sociology (3)**

A Soc 115G is the writing intensive version of A Soc 115M; only one may be taken for credit. [SS WI]

### **A Soc 180M Social Problems (3)**

Applies the concepts, methods, and ethics of sociology to the analysis of "social problems." A Soc 180G is the writing intensive version of A Soc 180M; only one may be taken for credit. [SS]

### **A Soc 180G Social Problems (3)**

A Soc 180G is the writing intensive version of A Soc 180M; only one may be taken for credit. [SS WI]

### **A Soc 200 (formerly A Soc 354) Political Sociology (3)**

Analyzes the social bases of political power and the origin, course of development, and duration of social movements; the role of propaganda, communication, and public opinion in political behavior; the structure of political organizations. Prerequisite(s): A Soc 115M or 115G.

### **A Soc 210M Sociology of Culture (3)**

The social settings within which culture—literature, painting, theatre, fashion, popular magazines, graffiti, television—are produced and consumed. Special attention is paid to the development of artistic careers, the forces shaping markets for artistic objects and performances, the effects of censorship, and class differences in the consumption of culture. Prerequisite(s): A Soc 115M or 115G. [SS]

### **A Soc 217 Alternatives to Bureaucratic Organization (3)**

Whereas some social theorists focus on the functional aspects of bureaucratic organization, such as efficiency and impartiality, others view the specialization and impersonality of bureaucratic work as incompatible with humanistic values. The intellectual roots of these two traditions and various contemporary versions of them are examined. A Soc 217Z is the writing intensive version of A Soc 217; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G. May not be offered in 2003-2004.

### **A Soc 217Z Alternatives to Bureaucratic Organization (3)**

A Soc 217Z is the writing intensive version of A Soc 217; only one may be taken for credit. Prerequisite(s): A Soc 115M or A Soc 115G. May not be offered in 2003-2004. [WI]

### **A Soc 220 (formerly A Soc 223) Introduction to Social Research (3)**

Examination of the assumptions and techniques of social research: problems of design, data collection, quantitative and qualitative analysis; review of current research in professional journals; the uses of survey research; application of concepts through individual and class projects. A Soc 220 is restricted to A-E grading after matriculation at Albany. Prerequisite(s): A Soc 115M or 115G.

### **A Soc 221 Statistics for Sociologists (3)**

Introduction to quantitative analysis of sociological data: methods of summarizing and describing univariate distributions including the use of tables and graphs; methods of examining relationships between two or more measures; statistical inference and hypothesis testing. A Soc 221 is restricted to A-E grading after matriculation at Albany. Prerequisite(s): A Soc 115M or 115G. [MS]

### **A Soc 235 (formerly A Soc 335) Sociological Theory (3)**

Overview of major schools of theory influencing current sociological inquiry. Discussion of selected works of classical and contemporary theorists. The influence of values on theorizing and the issue of value neutrality. An evaluation of the role of theory in the growth of the discipline. Prerequisite(s): A Soc 115M or 115G.

### **A Soc 250 Sociology of Families (3)**

The family as a social institution; types of family organization; the family as a socializing agency and its interrelations with other institutions; the impact of social change on the American family with particular reference to the transition from a rural-agricultural to a predominantly urban-industrial society. Prerequisite(s): A Soc 115M or 115G.

### **A Soc 255 Mass Media (3)**

The role of newspapers, radio, television and motion pictures in American society. Changes in these media and their functional relationship to education, the economy, the political process and public opinion. Prerequisite(s): A Soc 115M or 115G

### **A Soc 260 Social Psychology (3)**

Survey course covering both theories and topical areas in the field. Both sociological and psychological perspectives are represented, although the former is emphasized. Topical areas include the self, face-to-face interaction, attitudes, communication, interpersonal relationships, small group processes, social structure, and personality. A Soc 260Z is the writing intensive version of A Soc 260; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G, or A Psy 101M.

### **A Soc 260Z Social Psychology (3)**

A Soc 260Z is the writing intensive version of A Soc 260; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G, or A Psy 101M. [WI]

### **A Soc 262M (= A Wss 262M) Sociology of Gender (3)**

Culturally defined sex roles: their origins and their implications for individuals and society. Only one of A Soc 262M and A Wss 262M may be taken for credit. Prerequisite(s): A Soc 115M or 115G; or permission of instructor. [DP SS]

### **A Soc 270M Social and Demographic Change (3)**

This is a computer-based course that investigates how major social, economic and political changes have affected the demographic structure of the national population in the past four decades. The focus is on gaining an understanding of how major dimensions of the nation's social and demographic structures have changed from 1950 to the present. Prerequisite(s): A Soc 115M or 115G. May not be offered in 2003-2004.

### **A Soc 282M (= A Lcs 282M) Race & Ethnicity (3)**

The purpose of this course is to provide the student with an introduction to the sociological study of race and ethnicity in the United States. Specifically, the course emphasizes understanding the social, demographic, economic, political and historical forces that have resulted in the unique experiences of different groups of Americans. Further, the student will be provided with the opportunity to analyze and discuss the impact of public policy on issues that pertain to various racial and ethnic groups. [DP SS]

### **A Soc 283M (formerly A Soc 383M) Juvenile Delinquency (3)**

The purpose of this course is to examine the unique aspects of the juvenile justice system and theoretical explanations of delinquent behavior. The course is divided into three sections: 1) conceptual and methodological issues in the study of delinquency; 2) explanations of delinquent behavior; 3) the control of delinquency. Prerequisite(s): A Soc 115M or 115G. [SS]

### **A Soc 289 (= A Lcs 289) Special Topics in Ethnicity (1-3)**

Intensive examination of the culture and lifestyle of a single ethnic group within American society. The specific ethnic group varies from term to term and is indicated by course subtitle: e.g., Ethnicity; Italian Americans. A Lcs 289 and A Soc 289 can be repeated, but the total credits earned may not exceed 6 credits under different subtitles. Departmental permission required for more than 6 credits. Prerequisite(s): A Soc 115M or 115G. May not be offered in 2003-2004.

### **A Soc 299 Special Topics in Sociology (3)**

Investigation of a special topic in Sociology. The topic varies from semester to semester, and is indicated by the course subtitle. Course may be repeated *once* if topics differ. Prerequisite(s): A Soc 115M or 115G.

### **A Soc 325 (formerly A Soc 457M & 457G) Sociology of Science (3)**

Characteristics of scientific belief systems: social background of the development of science; the social organization of scientific activity; the impact of science on society. A Soc 325Z is the writing intensive version of A Soc 325; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G. May not be offered in 2003-2004.

### **A Soc 325Z (formerly A Soc 457M & 457G) Sociology of Science (3)**

A Soc 325Z is the writing intensive version of A Soc 325; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G. May not be offered in 2003-2004. [WI]

### **A Soc 340 Social Control (3)**

The factors involved in the maintenance of the social order and the making of group decisions. The nature of custom, ideology, leadership, public opinion and other types of control. Prerequisite(s): A Soc 115M or 115G. May not be offered in 2003-2004.

### **A Soc 341 Social Inequality (3)**

Diverse forms of inequality in human society; causes and consequences of inequality; sociological approaches to the study of inequality. Prerequisite(s): A Soc 115M or 115G.

**A Soc 342 Organizations in Society (3)**

Analysis of the structure and processes of different types of organizations (e.g., banks, schools, government agencies, computer firms); intra- and inter-organizational relationships; organizations and their environments; organizational effectiveness. A Soc 342Z is a writing intensive version of A Soc 342; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G.

**A Soc 342Z Organizations in Society (3)**

A Soc 342Z is a writing intensive version of A Soc 342; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G. [WI]

**A Soc 344 (= A Wss 344) Sociology of Women in the Political Economy (3)**

The different economic roles women play. The socio-historical determinants of these roles and their implications for the individual and society. A Soc 344Z & A Wss 344Z are the writing intensive versions of A Soc 344 and A Wss 344; only one of the four courses may be taken for credit. Prerequisite(s): A Soc 115M or 115G, or permission of instructor.

**A Soc 344Z (= A Wss 344 Z) Sociology of Women in the Political Economy (3)**

A Soc 344Z & A Wss 344Z are the writing intensive versions of A Soc 344 and A Wss 344; only one of the four courses may be taken for credit. Prerequisite(s): A Soc 115M or 115G, or permission of instructor. May not be offered during 2003-2004. [WI]

**A Soc 345 Industrial and Economic Organization (3)**

Examination of the relationship between market developments and patterns of industrial organization. The emergence of capitalist market systems and implications for the organization of work. The relationship between markets and production systems in developed industrial economies. Prerequisite(s): A Soc 115M or 115G. May not be offered during 2003-2004.

**A Soc 350 Social Movements (3)**

Mobilization of social, ethnic, national and gender groups is the focal concern. Both macro and micro approaches will be employed. Motivations, resources, ideologies, patterns, and outcomes will be discussed. Major theoretical models will be presented and evaluated. Prerequisite(s): A Soc 115M or 115G.

**A Soc 351 (formerly A Soc 444M & 444G) Social Conflict (3)**

Sources and effects of social conflict; stages in the conflict process; strategies of conflicting parties; social control over conflict situations. A Soc 351Z is the writing intensive version of A Soc 351; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G.

**A Soc 351Z (formerly A Soc 444M & 444G) Social Conflict (3)**

Soc 351Z is the writing intensive version of Soc 351; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G. May not be offered during 2003-2004. [WI]

**A Soc 357 Sociology of Work (3)**

Nature and outcome of work for the individual and the society; considerations of gender, age, race, and ethnicity as they interact with employment and unemployment and career patterns; relationships between work and family; the potential for changing work, and the role of power in the workplace. Prerequisite(s): A Soc 115M or 115G.

**A Soc 359DM Medical Sociology (3)**

Comprehensive introduction to sociological factors in disease etiology and illness behavior and to the sociology of the organization of medical practice and the health professions. A Soc 359G is the writing intensive version of A Soc 359M; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G. [OD WI]

**A Soc 359M Medical Sociology (3)**

Comprehensive introduction to sociological factors in disease etiology and illness behavior and to the sociology of the organization of medical practice and the health professions. A Soc 359G is the writing intensive version of A Soc 359M; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G. [SS]

**A Soc 359G Medical Sociology (3)**

A Soc 359G is the writing intensive version of A Soc 359M; only one may be taken for credit. Prerequisite(s): A Soc 115M or 115G. May not be offered during 2003-2004. [SS WI]

**A Soc 360 Processes of Socialization (3)**

Exploration of socialization processes with similarities and differences in occurrence in various social institutions; aspects of socialization in the life cycle of the individual. Prerequisite(s): A Soc 115M or 115G; A Soc 260 or 260Z or equivalent. May not be offered during 2003-2004.

**A Soc 362 Sociology of Sexualities (3)**

This course reviews the core of the sociology of sexuality from a sociohistorical perspective. Among the topics to be discussed are the theoretical approaches to sexuality, the making of sexual identities, the relationship between sexuality and social institutions, and sexual politics and ethics. Prerequisite(s): A Soc 115M or 115G.

**A Soc 369 (formerly A Soc 469) Special Topics in Social Psychology (3)**

Basic exploration of a specific area in social psychology, with primary emphasis on exposure to relevant theoretical and research literature. Topic varies from semester to semester and is indicated by course subtitle. Course may be repeated for up to 9 credits if topic differs. Departmental permission required for more than 9 credits. Prerequisite(s): 6 credits in sociology and permission of instructor. May not be offered during 2003-2004.

**A Soc 370 Social Demography (3)**

The purpose of this course is to provide the student with an in-depth introduction to the field of demography and population studies. Specifically, the course emphasizes the impact of population processes and events on human societies. Sociology, along with other social science disciplines, will be employed to facilitate the understanding of how social and demographic factors interact to create problems throughout the world.

**A Soc 371 (= A Eco 341 & 341Z) Urban Economics (3)**

Only one of A Soc 371 and A Eco 341 & 341Z may be taken for credit. May not be offered during 2003-2004.

**A Soc 373 Community and Urban Sociology (3)**

Approaches to the study of community and urban form and process. The city as a coercive product and as a social artifact. The impact of urbanization and other changes on the physical and social structure of communities. The impact of the urban setting upon social institutions, city, metropolis, and megalopolis, the future of cities. Prerequisite(s): A Soc 115M or 115G.

**A Soc 375 U.S. Urban Neighborhood****Diversity (3)**

Examines racial and ethnic diversity in neighborhoods in contemporary urban America. Explores various definitions of neighborhood and measures used to examine neighborhood segregation. It discusses the importance of one's neighborhood in structuring other aspects of life, including friendships, schools, crime and health. Attitudes toward integration will be linked to neighborhood change and metropolitan wide patterns of residential segregation. Prerequisite(s): A Soc 115M or 115G. May not be offered during 2003-2004. [DP]

**A Soc 380 (formerly A Soc 480) Sociology of Deviant Behavior (3)**

Explores various aspects of deviance: causes of deviant behavior, sources and nature of reactions to deviants, impact of social reaction on deviants, relationships between deviance and social structure. Theories of deviance and selected areas of deviant behavior are discussed. Prerequisite(s): A Soc 115M or 115G.

**A Soc 381 Criminology (3)**

Introduction to the study of crime, including the development of criminal law, the relationship between crime and social structure, and the individual and social causes of crime. Analyzes the criminal justice system: police, courts, and correctional systems. Only one of A Soc 381 and R Crj 200 may be taken for credit. Prerequisite(s): A Soc 115M or 115G.

**A Soc 384 Sociology of Aging (3)**

Aging as a cultural phenomenon; a comparative study of age structure in society; the nature of age strata; relationships of age strata; the consequence of social change for age definition. Prerequisite(s): A Soc 115M or 115G.

**A Soc 385 (formerly A Soc 451) Sociology of Law (3)**

The course will examine theoretical and conceptual issues of law and the operation of the criminal justice system. The course is designed to be analytical rather than descriptive. It emphasizes theoretical and research work that has been done on the law and the criminal justice system. Prerequisite(s): A Soc 115M or 115G.

**A Soc 389 Special Topics in Sociology of Culture (3)**

Examination of a specialized topic in the area of sociology of culture. Topic varies each term, but might include sociology of the arts, literature, leisure, religion, or in areas such as Eastern European, Chinese, or Latin American culture. Prerequisite(s): A Soc 115M or 115G.

**A Soc 399 Special Topics in Sociology (3)**

Intensive investigation of a specialized topic in Sociology. The topic varies from semester to semester and is indicated by the course subtitle. The course may be repeated *once* if topics differ. Prerequisite(s): A Soc 115M or 115G.

# University at Albany

## **A Soc 410Z Selected Topics Seminar in the Sociology of Culture (3)**

An intensive examination of a specialized topic in the area of the sociology of culture, including significant exposure to primary literature and critical class discussion. Possible topics include functions of art in society, the mass media, art, and religion. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. May not be offered during 2003-2004. [WI]

## **A Soc 420Z Selected Topics Seminar in Research Methods (3)**

An intensive examination of a specialized topic in sociological research. Topics include survey analysis and reporting, qualitative methods, multivariate analysis, experimental design. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. May not be offered during 2003-2004. [WI]

## **A Soc 430Z Selected Topics Seminar in Sociological Theory (3)**

An intensive examination of a specialized topic in the area of sociological theory, including significant exposure to primary literature and critical class discussion. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. May not be offered during 2003-2004. [WI]

## **A Soc 440Z Selected Topics Seminar in Stratification: Race, Ethnicity, Gender and Class (3)**

An intensive examination of a specialized topic relating to stratification or inequality among social groups defined by categories of race, ethnicity, gender, or class. Topics will vary from term to term. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. [WI]

## **A Soc 441Z Selected Topics Seminar in Comparative Sociology (3)**

An intensive examination of a specialized topic in the area of sociological theory, including significant exposure to primary literature, and critical class discussion. Topics include: comparative peasant societies, the origins of capitalism, comparative world religions, revolutions and social movements. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. May not be offered during 2003-2004. [WI]

## **A Soc 449Z Selected Topics Seminar in Work and Organizations (3)**

An intensive examination of a specialized topic in work and organizations (such as family, comparative organizations, industrial automation). Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. [WI]

## **A Soc 450Z Selected Topics Seminar in Political Sociology (3)**

An intensive examination of a specialized topic in the area of political sociology, including significant exposure to primary literature and critical class discussion. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. May not be offered during 2003-2004. [WI]

## **A Soc 460Z Selected Topics Seminar in Social Psychology (3)**

An intensive examination of a specialized topic in the area of social psychology, including analysis of relevant literature and critical class discussion. Topic varies from semester to semester as is indicated by course subtitle. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. [WI]

## **A Soc 470D Selected Topics Seminar in the Sociology of Families (3)**

A specialized course in the sociology of the family. Topics might include: work and family, aging families, gender and families, cross-cultural studies in the family. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. [OD WI]

## **A Soc 470Z Selected Topics Seminar in the Sociology of Families (3)**

A specialized course in the sociology of the family. Topics might include: work and family, aging families, gender and families, cross-cultural studies in the family. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. [WI]

## **A Soc 473Z Selected Topics Seminar in Community and Urban Sociology (3)**

A specialized course in community and urban sociology. Topics might include segregation, the under class, American neighborhoods, suburbanization, evolution of cities, the third world urbanization, and urban policy. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. [WI]

## **A Soc 475Z Selected Topics Seminar in Demography (3)**

A specialized course in demography. Topics might include: fertility, mortality, migration, population policy, family demography, historical demography. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. [WI]

## **A Soc 481Z Selected Topics Seminar in Crime and Deviance (3)**

An intensive examination of how to use data on deviance and crime in evaluating social theories and policies about deviance and crime, including significant exposure to primary literature and critical class discussion. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. [WI]

## **A Soc 484Z Selected Topics Seminar in the Sociology of Aging (3)**

A specialized course in sociology of aging. Topics might include: aging families, cross-cultural and sub-cultural differences, work and retirement, intergenerational relationships, death and dying, and social policy issues. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. May not be offered during 2003-2004. [WI]

## **A Soc 485Z Selected Topics Seminar in Health and Medicine (3)**

An intensive examination of a specialized topic in the area of health and medicine, including significant exposure to primary literature and critical class discussion. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. May not be offered during 2003-2004. [WI]

## **A Soc 488Z Research Proposal Seminar (3)**

This writing intensive seminar is intended for students who wish to acquire experience in sociological research, are considering writing an honors thesis in sociology (A Soc 498), or may be interested in graduate studies in sociology. Topics covered include the choice of a research question, theoretical issues, review of literature, research design, collection and analysis of data, and presentation of results. A research proposal is written under the supervision of a member of the department of sociology. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; and an overall GPA of 3.25 or higher.

## **A Soc 490A and B Internship in Sociology (3, 3)**

Individually designed internships for students who wish to acquire experience in a field or area of sociology that interests them. Student-instructor conferences are arranged at regular intervals. May be taken only once for credit. **Open to senior sociology majors only**, with permission of instructor. Prerequisite(s): A Soc 115M or 115G; 220, 221, 235, one sociology course directly related to the internship and an **overall GPA of 3.0**. S/U graded.

## **A Soc 495Z Special Topics Seminar in Sociology (3)**

Intensive examination of a specialized topic in sociology. The special topic varies from semester to semester and is indicated by course subtitle. Prerequisite(s): A Soc 115M or 115G; 220, 221, and 235; or permission of instructor. May not be offered during 2003-2004. [WI]

## **A Soc 497A and B Independent Study in Sociology (1-3)**

Independent reading or research on a selected experimental, theoretical, or applied problem under the direction of a faculty member. May be taken a second time for an additional 3 credits upon recommendation of the faculty supervisor and with approval of the department chair. Prerequisite(s) for sociology majors: A Soc 115M or 115G, 12 additional credits in sociology, and junior or senior class standing; Prerequisite(s) for non-sociology majors: senior class standing and two courses in sociology. All students must have permission of department and contractual agreement with a departmental instructor to supervise project.

## **A Soc 498 Senior Honors Thesis (3)**

Honors Thesis written under the supervision of a member of the sociology department. The student presents proposals and periodic progress reports. The thesis is presented to the adviser and Honors Committee in the final semester of the senior year. Prerequisite(s): A Soc 488Z (Research Proposal).

## **A Soc 499 Special Topics in Sociology (3)**

Intensive examination of a specialized topic in Sociology. The topic varies from semester to semester and is indicated by course subtitle. Course may be repeated *once* if topics differ. Prerequisite(s): A Soc 115M or 115G. May not be offered during 2003-2004.



# DEPARTMENT OF THEATRE

## Faculty

### *Professors Emeritae/i*

Jarka M. Burian, Ph.D.

Cornell University

James Leonard, Ph.D.

Cornell University

Albert B. Weiner, Ph.D.

Yale University

### *Professor*

Andi Lyons, M.F.A.

Yale University

### *Associate Professors*

W. Langdon Brown, Ph.D.

Cornell University

Janet M. Sussman, M.F.A.

University of Texas, Austin

### *Associate Professors Emeritae/i*

Albert Asermely, Ph.D.

City University of New York

Robert J. Donnelly, M.F.A.

Yale University

Jerome Hanley, M.F.A.

Yale University

Edward J. Mendus, M.A.

University at Albany

### *Assistant Professors*

Ruben Arana-Downs, M.F.A.

North Carolina School of Arts

Mark J. Dalton, M.F.A.

University of Washington

Amy J. Lehman, Ph.D.

Indiana University

Eszter Szalczar, Ph.D.

City University of New York

Adam Zonder, M.F.A.

University of Connecticut

### *Visiting Assistant Professors*

James P. Farrell, M.F.A.

New York University

Marna Lawrence, M.F.A.

Indiana University

### *Lecturers*

Ione Beauchamp, M.F.A.

New York University

Kristina Bendikas, MFA, Ph.D.

University of Toronto

Yvonne Perry-Hulbert, M.A.

University at Albany

Leigh A. Strimbeck, B.F.A.

New York University

### *Teaching Assistants (estimated): 2*

The curriculum of the Theatre Department (which includes its production program) is designed to aid students to reason and write effectively, to acquire intellectual skills necessary to confront a changing world, to acquire proficiency in a core of theatre knowledge and practice, and to understand the self-discipline necessary to pursue a life in art.

Theatre is a performing art. It is also a major area of study through which one may gain a liberal arts education. The Department of Theatre assumed these two views of the theatre to be mutually supportive. Design, direction, acting, writing, technology, history, theory, criticism, and dramatic literature are considered interdependent studies. However, a degree of specialization is expected of all students.

## Careers

A major in theatre prepares students for specialized graduate study in dramatic art or conservatory training in performance or production. Thus they acquire a wide range of knowledge and skills transferable to a variety of career paths. In addition, theatre majors are prepared to pursue any career path requiring a broad liberal education.

Our graduates are currently acting and directing in television, film, and on stage in New York, and in regional theatres. Graduates in design and technical areas have found employment in the New York theatre, in regional theatres, with touring theatrical and concert productions and with equipment manufacturers and distributors. Other graduates have gone into architecture, teaching, journalism, communications, the law, and business.

## Casting Policy Statement

The Department of Theatre, University at Albany, State University of New York, has pledged itself to the goal of achieving cultural diversity in the casting of its productions.

## Degree Requirements for the Major in Theatre

A student may elect either a 36-credit general program or a 54-credit departmental program in which emphasis in a particular area of theatre is required.

A student wishing to concentrate in dramatic theory, history, and literature should enroll in the general program and plan a minor to accommodate such interests.

All theatre majors take the following 36-credit core sequence of courses: A Thr 135, 201 (2 credits), 202 (2 credits), 210Z, 221L, 222L, 235L, 240, 250, 322 or 322Z, plus three of the following: A Thr 324/A Eng 344 or A Thr 325/A Eng 345, A Thr 430, A Thr 455, or A Thr 456.

### General Program B.A.:

36 credits (at least 12 credits must be at the 300 level or above). Students in the general program are required to take the 36-credit core.

### Departmental Program B.A.:

54 credits (at least 18 credits must be at the 300 level or above). Students in the departmental program are required to take the 36-credit core plus courses as follows, and they do not need to declare a separate minor.

### *18 credit Concentration in Theatre*

#### *Production:*

One or two of the following: A Thr 260 or 270 or 280, 340 or 242 or 244;

Two or three of the following: A Thr 341, 360, 370, 380L;

Three of the following: A Thr 350, 365, 375, 385, 440, 465, 470, 501.

## Combined B.A./M.A. Program

The Combined B.A./M.A. Program in theatre provides an opportunity for students of recognized academic ability and educational maturity to fulfill integrated requirements of undergraduate and master's degree programs starting from the beginning of their junior year. A carefully designed program can permit a student to earn the B.A. and M.A. degrees within nine semesters.

The combined program requires a minimum of 138 credits, of which at least 30 must be graduate credits. In qualifying for the B.A., students will meet all University and college requirements, including the requirements for either the general program major or the departmental program major described previously, the minor requirement, the minimum 90-credit liberal arts and sciences requirement, general education requirements, and residency requirements. In qualifying for the M.A., students will meet all University and college requirements as outlined in the Graduate Bulletin, including completing a minimum of 30 graduate credits, and any conditions such as a research seminar, thesis, comprehensive examination, or other professional experience where required, and residency requirements.

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Up to 12 graduate credits may be applied simultaneously to both the B.A. and M.A. programs. The graduate courses which are used to satisfy the requirement of "6 credits...in theatre department courses in theatre history, theory or dramatic literature" may substitute for appropriate courses in the required 36-credit undergraduate core. In addition, graduate courses in theatre may be used to satisfy the undergraduate requirement of "additional credits as advised." Graduate courses in other departments, if approved by the Director of Graduate Studies in Theatre as appropriate to the student's M.A. program under the rubric "supporting courses, as advised," may be counted toward the B.A. program.

Students will be considered as undergraduates until completion of 120 graduation credits and satisfactory completion of all B.A. requirements. Upon satisfying requirements for the B.A., students will automatically be considered as graduate students.

Students may apply for admission to the combined degree program at the beginning of their junior year, or after successful completion of 56 credits, but no later than the accumulation of 100 credits. A cumulative grade point average of 3.20 or higher and three supportive letters of recommendation from faculty are required for consideration. Students will be admitted to the combined program upon the recommendation of the Graduate Admissions Committee of the Department of Theatre.

## Honors Program

The honors program in theatre is designed to give exceptional undergraduates the opportunity to take advanced classwork in the field of theatre studies, and to work more closely with faculty on independent projects that might be otherwise possible.

Requirements for admission to Honors Program

A Thr 210, 221, 222 and 322 completed or in progress; no fewer than 12 credits toward the major completed; a 3.5 GPA in all theatre courses, overall 3.25 GPA. Submission of application/project proposal to honors committee.

Requirements for completion of Honors Program

Overall GPA of 3.25. All requirements for core theatre major with GPA of 3.5 (the student may be expelled from the Honors Program if the GPA drops below the required level, or in the case of excessive or unjustified incompletes in any course(s), pending the judgment of the Honors Committee); 500 or 600 level honors seminar (3 cr); honors seminar or independent study in which substantial research is done in preparation for the Honors project (3 cr); Honors project (3cr)

## Courses

### A Thr 107L Introduction to Dramatic Art (3)

The components of dramatic art; attention to the contributions of acting, script, makeup, scenery, lighting, sound, music and architecture to the theatre as a unified creative expression. A Thr 107E is the writing intensive version of A Thr 107L; only one may be taken for credit. [AR]

### A Thr 107E Introduction to Dramatic Art (3)

A Thr 107E is the writing intensive version of A Thr 107L; only one may be taken for credit. Will not be offered in 2003-2004. [AR WI]

### A Thr 120 Understanding Design for the Performing Arts (3)

An introduction to the creative and historical processes, principles, and practices of design for the performing arts. Using theatre as the primary form, this course provides an overview of scenery, lighting, costuming, sound, and special effects, examining how each plays a role in defining resolutions to the major issues of live performance design. [AR]

### A Thr 129 Performance Aerobics (2)

An introduction to aerobic exercise that strengthens and tones muscles, increases muscle-joint flexibility and cardiorespiratory endurance. Emphasis is on body awareness, alignment, fluidity of movement, projection and performance energy. No previous experience necessary. S/U graded.

### A Thr 130 Technical Elements of Theatre (3)

An introduction to theatrical production, including the examination of theatre architecture, scenery, lighting, costumes, sound, properties, and production organization. May not be offered in 2003-2004.

### A Thr 135 Introduction to Technical Theatre (4)

Examination of the elements of technical theatre, including function and coordination of theatre architecture, scenery, lighting, costume and props. Three hours of lecture, plus assigned laboratory sessions.

### A Thr 140 Fundamentals of Acting (3)

Introduction to the art and craft of acting. Exercises in relaxation, concentration and imaging. Memorized scenes and monologues. Course is limited to freshman sophomores S/U graded.

### A Thr 140A Fundamentals of Acting (3)

Introduction to the art and craft of acting. Exercises in relaxation, concentration and imaging. Memorized scenes and monologues. This course is offered only through the University in High School Program. A/E graded.

### A Thr 162 Introduction to Modern Dance (3)

An exploration of the fundamentals of modern dance technique: body alignment, coordination, strength and flexibility, locomotion performed in rhythmic patterns with an emphasis on anatomically efficient movement and energy projection. An investigation of the elements of movement: space, time and energy and the creative and expressive aspects of dance through improvisation, problem solving, composition and performance. The study of the development of modern dance as an art form. This course will include readings in dance theory and history, video and live concert viewing, movement studies, journals, and a final piece for public viewing. No previous experience necessary.

### A Thr 163 Intermediate Modern Dance (3)

Continuation of skill development and comprehension begun in A Thr 162. This course will develop an increased movement vocabulary moving into more advanced technical combinations (rhythmic and non-rhythmic) related to space, time and energy. Movement exercises will allow students to work creatively, individually and in groups employing movement tasks to develop modern dance repertoire. Course assignments may include

attendance at public performances, readings, written journals and an informal performance work will be required to complete the unit. Prerequisite(s): A Thr 162

### A Thr 164 Beginning Jazz Dance (3)

An exploration of the basic principles of jazz dance technique including body isolations, syncopation and combinations of basic jazz steps. Readings in the history of jazz dance, video and live concert viewing will place jazz dance in a historical context and create an appreciation of it as an art form. Movement studies, journals and a final piece for public performance are required. S/U graded. May not be offered in 2003-2004.

### A Thr 170 Introduction to Ballet (3)

An introduction to theory and techniques of classical ballet as well as appreciation of the art form. May be repeated once for credit.

### A Thr 171 Intermediate Ballet (3)

Continuation of skill development and comprehension begun in A Thr 170. Theory and techniques of classical ballet as well as appreciation of the art form. May be repeated once for credit. May not be offered in 2003-2004.

### A Thr 175 Choreography (3)

Study and practice of the creation and artistic patterning of movement into dance. Exercises are given to explore movement possibilities and structures based on kinesthetic responses. Students make regular in-class presentations of projects-in-progress and show the final project in an informal showing. Consideration of the expression of ideas through dance will be integral to students' development of the choreographic process. Students are expected to maintain a journal recording an outline of their choreographic projects and written exercises related to allocated compositional tasks. Prerequisite(s) Two of the following three courses: A Thr 162, A Thr 170 and A Thr 244 or permission of the instructor. May not be offered in 2003-2004.

### A Thr 201 Production and Performance Lab (1)

Application of theatre study to theatre practice through participation in the production activities of the Department of Theatre. Assignments are coordinated by the instructor each semester with the productions being presented. Examples of assignments in this course are production shop crews, acting, publicity and dramaturgy. Two semesters required of Theatre majors. Repeatable for credit. *A maximum total of six credits from A Thr 201 and A Thr 202 may be applied toward graduation.*

### A Thr 202 Production and Performance Lab 2 (1)

Application of theatre study to theatre practice through participation in the production crew activities of the Department of Theatre. Assignments are coordinated by the instructor each semester with the productions being presented. Examples of assignments in this course are production running crews, and supervisory positions. Two semesters required of Theatre majors. Repeatable for credit. *A maximum total of six credits from A Thr 201 and A Thr 202 may be applied toward graduation.*

### A Thr 210Z Play Analysis (3)

Study of approaches to the analysis of dramatic literature. Readings in dramatic literature, criticism, theory. Written practice in analyzing plays and other assigned readings. [WI]

### A Thr 221L Development of Theatre and Drama I (3)

A survey of dramatic literature and theatrical art in ancient Greece and Rome, Asia and Medieval Europe. This course includes introductory material to provide a foundation for further study in dramatic literature and theatre history. [AR EU HU]

### A Thr 222L Development of Theatre and Drama II (3)

A survey of dramatic literature and theatrical art

from the Renaissance to the late 19th century. Prerequisite(s): A Thr 221L. [AR EU HU]

### **A Thr 224L Contemporary Issues in Modern Drama (3)**

Exploration of selected themes and ideas represented in plays chosen from the modern repertory. Political, social, economic, and/or ethical issues are examined as dramatists are representing them in today's plays. Prospective students should consult the instructor for current course information and topics. May be repeated once for credit when content varies. [AR HU]. May not be offered in 2003-2004.

### **A Thr 225L American Theatre History (3)**

Development of theatre and drama in the United States from its 17th-century beginnings to the present. [AR HU]

### **A Thr 228 Voices of Diversity in Contemporary American Theatre and Drama (3)**

Concentration on works which are often omitted from the theatrical canon because of their divergent aesthetic, ideological or sociological values. Selections will include, but not be limited to, dramas and creative contributions by African-Americans, Latinas and Latinos, Gays and Lesbians, and Native Americans. [DP]. May not be offered in 2003-2004.

### **A Thr 230L Great Drama on Film and Video (3)**

A study of major works of drama through the ages with emphasis on their values as works of dramatic literature as well as crucial raw material for complex embodiment in theatre and film performance. [AR HU]. May not be offered in 2003-2004.

### **A Thr 235L Fundamentals of Theatrical Design (3)**

Exploration of the elements of design and principles of composition, especially as they relate to the visual aspects of theatre. Lectures will emphasize scenic and costume design, with projects, exercises and classroom discussions aimed at developing visual awareness and imagination. [AR]

### **A Thr 240 Acting I (3)**

Development of the actor's instrument: voice, body and imagination. Topics include vocabulary, analysis for action, discipline, artistic focus, and rehearsal skills. Exercises include improvisations and scripted performance. The purpose of this course is to encourage students to take artistic risks and build confidence in their ability to perform. Prerequisite(s): permission of instructor. [OD]

### **A Thr 242 Voice I (3)**

Study of voice production employing exercises in relaxation, breathing, resonance, and the discovery of the individual's optimum voice. Exercises in projection in a variety of performance spaces. Prerequisite(s): permission of instructor. [OD]

### **A Thr 244 Movement I (3)**

A movement class focusing on alignment, centering and preparing the body for work on the stage. Employs techniques from the Alexander, Feldenkrais, and Suzuki training systems. Prerequisite(s): permission of instructor.

### **A Thr 250 Stage Makeup (1)**

Exploration of the art and technique of makeup design. Includes exercises in the technique of modeling the planes of the face. Special emphasis on understanding and applying the principles of chiaroscuro.

### **A Thr 260 Theatrical Drafting (3)**

Study and practice of the techniques used in theatrical drafting including orthographic projections, isometrics, mechanical perspective and freehand drawing, which are essential tools of communication for further study in the technical and design areas. Will not be offered in 2003-2004.

### **A Thr 261 Folk Dance (1)**

An introduction to International Folk Dance. Dances from many countries and cultures will be taught and

discussed. The course will prepare the student to join recreational folk dance groups and to participate in ethnic festivals. *S/U graded*. May not be offered in 2003-2004.

### **A Thr 263 Decorative Arts in Relation to Scenic Design (3)**

A survey of period styles of furniture, architectural ornament, and interior architecture and decoration. Prerequisite(s): permission of instructor. May not be offered in 2003-2004.

### **A Thr 264 Rendering Techniques for Theatre (3)**

A practical course in rendering for theatre employing a variety of techniques including acrylic, watercolor and ink. Projects include rendering light, copying photographs, and applying acrylic paint employing watercolor technique. May not be offered in 2003-2004.

### **A Thr 266 Scene Painting (3)**

A practical approach to painting scenery for the theatre. Students learn a variety of application techniques employing tools such as sprayers, brushes, brooms, feather dusters, sponges and stamps. Students also study color mixing and the physical properties of paint. May not be offered in 2003-2004.

### **A Thr 270 Technical Theatre Practice (3)**

Introduction to the materials and techniques used in the construction and handling of theatrical scenery and lighting. Topics include equipment, rigging, mechanical devices, basic electricity, and translation of theatrical drafting. Emphasis on application within the theatrical environment. May not be offered in 2003-2004.

### **A Thr 280 Costume Technology (3)**

Introduction to the use of materials and techniques in the preparation and construction of theatrical costumes. Topics include patterning, draping, basic theatrical sewing, budgeting, dyeing, and fabrics. Emphasis on application within the theatrical environment.

### **A Thr 300 Plays in Process (3)**

This course examines the arc of the dramatic event from its genesis in the mind of the playwright to its presentation before an audience. Particular attention is paid to source material and its relationship to the development of the script. The contributions of interpreters such as dramaturg, director, designers and actors are also explored. Students are exposed, as directly as possible, to aspects of the creative process that makes theatre happen. May not be offered in 2003-2004.

### **A Thr 310 Reader's Theatre (3)**

Study and practice in the performance techniques and materials appropriate to reader's theatre. Particular attention to the development of vocal expressiveness by the individual performer as well as readers in concert. May not be offered in 2003-2004. [OD]

### **A Thr 315 (= A Mus 315) Arts Management (3)**

An overview of the conceptual and practical management structures and systems in professional, not-for-profit arts and cultural organizations. The course focuses on areas of prime importance to the arts manager: organizational structure, planning, board/staff leadership, programming and budgeting. Term project required. Only one of A Thr 315 and A Mus 315 may be taken for credit. Prerequisite(s): permission of instructor. Will not be offered in 2003-2004.

### **A Thr 320 Performance Art in America (3)**

Performance art has proven to be a radical method of establishing cultural and gender identity. This course examines the origins of the form in avant garde European movements of the early twentieth century and its vigorous expression in contemporary America. Course texts include performance scripts, performance videos and, where possible, live performance art. As the content of performance art is often controversial and sometimes offensive, students in the course will consider issues such as

censorship, civil discourse, and the methodology of criticizing controversial material. May not be offered in 2003-2004.

### **A Thr 322 Development of Theatre and Drama III (3)**

A survey of dramatic literature and theatrical art from the end of the 19th century to World War II. A Thr 322Z is the writing intensive version of A Thr 322; only one may be taken for credit. Prerequisite(s): A Thr 221L. [AR]

### **A Thr 322Z Development of Theatre and Drama III (3)**

The writing intensive version of A Thr 322; only one may be taken for credit. Prerequisite(s): A Thr 221L. [AR WI]

### **A Thr 324 (= A Eng 344) Early Works of Shakespeare (3)**

The development of Shakespeare's dramatic art, with emphasis on character, language, theme, form and structure in comedies, histories and tragedies of the 16th century. Intended primarily for juniors and seniors. Prerequisite(s): Permission of instructor.

### **A Thr 325 (= A Eng 345) Later Works of Shakespeare (3)**

The development of Shakespeare's dramatic art, focusing on works from the 17th century—the mature tragedies (including Hamlet,) the "dark" comedies, and the dramatic romances—with emphasis on character, language, theme, form and structure, as well as dramatic history. Intended primarily for juniors and seniors. Prerequisite(s): Permission of instructor.

### **A Thr 340 Acting II (3)**

Developing a role through script analysis. The course focuses on learning and applying a practical method of analyzing a script for character action. Exercises include scene work, monologue preparation, and audition technique. Prerequisite(s): A Thr 240 and permission of instructor [OD].

### **A Thr 341 Acting III (3)**

Developing and opening up the student actor's instrument through performing Shakespearean scenes. Exploration of acting technique beyond the psychological realism of contemporary theatre practice. Exploration of action and character defined by language. Physical and vocal exercises in addition to scene work and script analysis employing scansion technique. Prerequisite(s): A Thr 340, 242 or 244, and permission of instructor. [OD]

### **A Thr 343 Voice II (3)**

Study of speech and articulation. Exercises emphasize gaining proficiency in standard stage English and in working with classical texts. Prerequisite(s): A Thr 242 and permission of instructor. Will not be offered in 2003-2004. [OD]

### **A Thr 345 Movement II (3)**

Development of physical characterization through movement. Employs techniques such as Laban, Essentials, and animal mask. Exercises in character creation through script analysis. Prerequisite(s): A Thr 244 and permission of instructor. May not be offered in 2003-2004.

### **A Thr 350 Directing I (3)**

An exploration of the art and craft of directing for the theatre. Includes methods of approaching the text, organizing the rehearsal process and composing the production. Prerequisite(s): A Thr 221L, 235L and 240, and permission of instructor.

### **A Thr 351 Directing II (3)**

A continuation of study begun in A Thr 350 for advanced students. Prerequisite(s): A Thr 350 and permission of instructor. May not be offered in 2003-2004.

### **A Thr 359 (= A Rus 359 & 359Z) Russian Drama in English Translation (3)**

Surveys major trends in Russian drama and analyzes major works from the comedies of Fonvizin and Gribboedov satirizing the Russian social scene to the

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twilight melancholy of Chekhov and the theatre of 20th-century Soviet Russia. Conducted in English. Offered in alternate years. Only one of A Thr 359, A Rus 359 & 359Z may be taken for credit. Prerequisite(s): A Rus 251L or junior or senior class standing, or permission of instructor. May not be offered in 2003-2004.

## **A Thr 360 Theatre Production Technology (3)**

The theories and practices of technical production, and the application of graphics techniques to the communication of ideas. Topics include technical organization and planning, budgeting, theatre architecture, principles of theatre technology, drafting, rigging and model building. Prerequisite(s): A Thr 135 or 130, and 260. May not be offered in 2003-2004.

## **A Thr 365 Scene Design (3)**

The applications of the principles of design to scenery for the theatre. Focus on the analysis of the script in visual terms and the translation of this into the design for a setting. Model-making, drawing and rendering techniques will be explored as methods of communicating design ideas. Prerequisite(s): A Thr 235L and 360. Will not be offered in 2003-2004.

## **A Thr 370 Stage Lighting Technology (3)**

Introduction to stage lighting technology, and to principles relating to the safe operation of rigging and maintenance. Topics include basic optics, electricity, equipment, the physics of light and interpretation of lighting plans and symbols. Prerequisite(s): A Thr 135 or 130.

## **A Thr 371 Theatre and Sound (3)**

Sound technology, including reproduction, reinforcement, and recording as applied to theatrical production. Topics include the various types of equipment required to assemble and troubleshoot a complete sound system, safe installation and operation of a sound system in a theatrical environment. Prerequisite(s): A Thr 260 or permission of instructor. May not be offered in 2003-2004.

## **A Thr 375 Lighting Design (3)**

The study of light as a design element in theatrical production. Topics include script analysis in terms of lighting, the phenomena of color as applied to lighting, the various methods available for lighting the stage, advanced consideration of lighting control systems and their effect on design, and the preparation of lighting plots. Prerequisite(s): A Thr 260 and 370.

## **A Thr 380L History of Costume (3)**

Survey of Western clothing history, fashion and style from primitive times to the 20th century. [AR]

## **A Thr 385 Costume Design (3)**

The theory and application of the principles of theatrical costume design. Practice in developing necessary graphic skills through study of drawing and rendering techniques. Prerequisite(s): A Thr 235L and 380L.

## **A Thr 386 Costume Crafts and Properties (3)**

Intensive study of the techniques, materials, and tools used in the more specialized areas of theatrical costuming such as armor, hats, and jewelry. Prerequisite(s): A Thr 130 or 135. May not be offered in 2003-2004.

## **A Thr 390 Internship with New York State Theatre Institute (3-15)**

Individually arranged apprenticeship employing experiences in the Theatre's current schedule of productions and school residencies. Emphasis on interdisciplinary learning, theatre production, education, and aesthetic, technical, and business aspects of the arts. **Internships are open only to qualified juniors and seniors who have an overall grade point average of 2.50 or higher.** Prerequisite(s): permission of instructor. S/U graded.

## **A Thr 397 Independent Study in Theatre (2-4)**

Directed reading and conferences on selected topics. A student may take the course once as strictly research and once as a production-related study, but not repeat one or the other. Prerequisite(s): junior or senior class standing, and permission of instructor and department chair.

## **A Thr 406Z (= A Eng 404) Playwriting (3)**

Workshop dealing with the craft of playwriting. Focuses on preparing a stageworthy script; some of these scripts may be considered for production. Limited enrollment. Only one of A Thr 406Z & A Eng 404 may be taken for credit. A Thr 406Z may be repeated once for credit. Prerequisite(s): A Thr 322Z or 322 or equivalent, and permission of instructor. [WI]

## **A Thr 407 Scriptwriting (3)**

This workshop course introduces students to the elements of screenwriting: story, plot, conflict, theme, dialogue, structure, and characterization. Students learn to create screenplays through exercises which develop familiarity with these screenwriting tools. The format and special character of the screenplay are explored through in-class presentation of the on-going work from semester length projects. Examples of projects (which vary as appropriate to student skills) include short (ten minute) screenplays, screenplay editing and longer screenplays where length is determined by the nature of the story. Limited enrollment. Will not be offered in 2003-2004.

## **A Thr 430 Contemporary Theatre (3)**

The course explores the most significant trends and developments in contemporary Western drama and theatre from World War II to the present in the context of historical background and critical and philosophical thought. Readings change to keep the course abreast of current thought. Representative readings may include dramatists such as Berthold Brecht, Jean-Paul Sartre, Heiner Müller, Caryl Churchill, and Maria Irene Fornes, as well as theoretical and critical essays that address epic theatre, existentialism, theatre of the absurd, interculturalism, feminism, and postmodern performance. Filmed productions such as those by Peter Brook, Jerzy Grotowski, Tadeusz Kantor, and Robert Wilson are also analyzed by the class. Prerequisite(s): A Thr 221, 222, 322/Z or permission of instructor.

## **A Thr 440 Acting IV (3)**

Development of the student actor's ability to portray characters in studies and styles of acting. Exercises in identifying rules of social behavior, tastes, mores, self image, etc. characteristic of a playwright's world and applying this knowledge to the creation of a character. Exercises in rehearsal methods explore the actor's need to consider audience response in creating the performance. Prerequisite(s): A Thr 341 and permission of instructor. [OD]

## **A Thr 442 Voice III (3)**

A voice class stressing voice and speech as embodiments of textual styles. Prerequisite(s): A Thr 343 and permission of instructor. May not be offered in 2003-2004.

## **A Thr 444 Movement III (3)**

Instruction in stage combat. Study of personal combat and types of weapons employed in combat. Exercises in basic safety measures and combat movement with a variety of weapons. Students will be examined in a minimum standard repertoire of combat moves upon completion of the course. Optional certification by the Society of American Fight Directors will be available to some students with the instructor's recommendation. Prerequisite(s): A Thr 244 and permission of instructor. May not be offered in 2003-2004.

## **A Thr 446 Special Studies in Voice (1-3)**

Intensive work in a particular aspect of vocal production; e.g., musical theatre, dialects, oral interpretation. May be repeated up to a total of 6

credits. Prerequisite(s): A Thr 242 and permission of instructor. Will not be offered in 2003-2004.

## **A Thr 447 Special Studies in Movement (1-3)**

Intensive work in a particular aspect of stage movement; e.g., stage combat, period movement, mime. May be repeated up to a total of 6 credits. Prerequisite(s): A Thr 244 and permission of instructor. May not be offered in 2003-2004.

## **A Thr 448 Special Studies in Design and Technical Production (1-3)**

Intensive work in a particular aspect of design or technical production; e.g., scene painting, stage properties, computerized lighting systems, special effects. May be repeated for a total of 6 credits. Prerequisite(s): junior or senior class standing, and permission of instructor. May not be offered in 2003-2004.

## **A Thr 449 Topics in Acting (3)**

Special topics and exercises selected to address particular needs and interests of advanced students. This course may be repeated once when topic varies. Prerequisite(s): A Thr 440 or permission of instructor. May not be offered in 2003-2004.

## **A Thr 455 Seminar in Theatre History (3)**

Considers a particular research topic in theatre history. May be repeated once when content varies. Prerequisite(s): Thr 322 or 322Z, junior or senior class standing, and permission of instructor.

## **A Thr 456 Seminar in Dramatic Literature (3)**

Examines a particular genre, movement, period or author. Prerequisite(s): A Thr 322 or 322Z, junior or senior class standing, and permission of instructor. May be repeated once when content varies.

## **A Thr 465 Technical Design and Production Planning (3)**

The application of theatre technology to problem solving in a theatrical organization. Advanced study of equipment, methods, materials and the principles governing their use. Technical innovation, planning, structural design, and advanced drafting considered as functions of the technical director/production manager. Prerequisite(s): A Thr 360. May not be offered in 2003-2004.

## **A Thr 470 Stage Management (3)**

Investigation of the theories and techniques of stage management, including a thorough examination of the varied functions and duties performed by stage managers in professional, educational, commercial, and community theatres. Prerequisite(s): A Thr 135 or 130, junior or senior class standing, and permission of instructor.

## **A Thr 480 Drama in Production (2-3)**

Specific projects under the direction of an appropriate faculty member in one or more phases of production related to current Theatre Department activity; may include supervised research in appropriate critical or historical background and theory. May be repeated once with a different primary production emphasis. Prerequisite(s): junior or senior class standing, and permission of instructor.

## **A Thr 490 Internship (3-12)**

Apprenticeship program with professional theatrical organizations for qualified seniors. **Internships are open only to qualified seniors who have an overall grade point average of 2.50 or higher.** Prerequisite(s): senior class standing and permission of department chair. S/U graded.

# DEPARTMENT OF WOMEN'S STUDIES

## Faculty

### *Distinguished Teaching Professor*

Judith Fetterley, Ph.D. (Collins Fellow)  
Indiana University

### *Professor Emeritae/i*

Francine W. Frank, Ph.D. (Collins Fellow)  
University of Illinois  
June Hahner, Ph.D.  
Cornell University

### *Professors*

Edna Acosta-Belén, Ph.D. (Collins Fellow)  
Columbia University  
Judith E. Barlow, Ph.D. (Collins Fellow)  
University of Pennsylvania  
Iris Berger, Ph.D.  
University of Wisconsin  
Roberta M. Bernstein, Ph.D. (Collins Fellow)  
Columbia University  
Christine Bose, Ph.D.  
John Hopkins University  
Judith E. Johnson, B.A.  
Barnard College  
Marjorie Pryse, Ph.D. (Department Chair)  
University of California, Santa Cruz  
Glenna Spitze, Ph.D.  
University of Illinois

### *Associate Professors Emeritae/i*

Joan E. Schulz, Ph.D. (Collins Fellow)  
University of Illinois

### *Associate Professors*

Vivien W. Ng, Ph.D.  
University of Hawaii  
Bonnie Spanier, Ph.D.  
Harvard University

### *Assistant Professors*

Maia Boswell, Ph.D.  
University of North Carolina  
Janell C. Hobson, Ph.D.  
Emory University

### *Senior Assistant Librarian*

Deborah LaFond, M.L.I.S.  
University of California, Berkeley (Near  
Eastern Specialization)

### *Internship Director*

Bonnie Spanier, Ph.D.  
Harvard University

### *Affiliated Faculty (estimated): 10*

### *Adjuncts (estimated): 3*

### *Teaching Assistants (estimated): 2*

Women's Studies encourages students to reexamine their own lives and the world around them in relation to gender, race, class, and sexuality. The curriculum reflects new subjects, theories, and methodologies based on a cross-cultural, multidisciplinary approach to the study of women. In the creation of new knowledge, Women's Studies provides a critique of social, cultural, and institutional structures that include the traditional disciplines. Women's Studies sees itself as connected to the social and political

environment outside the university. Opportunities are available for internships, independent study, and innovative teaching for undergraduates. Students may take a major or minor in Women's Studies or may enroll in individual courses.

## Careers

A concentration in Women's Studies prepares students for graduate and professional training in a variety of fields. Like other B.A. graduates, Women's Studies majors may enroll in professional study at the graduate level in law, social welfare, education, public administration, and health care; they also find employment and continue on-the-job training in business, social services, public affairs, publishing, and private nonprofit organizations. Experience in critical thinking and writing and intensive reflection concerning issues of diversity and multiculturalism prepare Women's Studies graduates with qualities that employers actively seek. Some Women's Studies graduates find employment with community agencies (women's centers, counseling centers, battered women's shelters, rape crisis centers, women's health centers, women's vocational agencies), in affirmative action and diversity education (in schools, government agencies, and business), and with campus-based women's programs.

## Degree Requirements for the Major in Women's Studies

General Program B.A.: A minimum of 36 credits distributed as follows. A course may not be used to fulfill more than one requirement:

1. 9 credits introductory course requirement: Both A Wss 220M or A Wss 220G and A Wss 240; select 1 additional course from the following: A Wss 101 or A Wss 101Z, A Wss 109N, or A Wss 202.
2. 3 credits women in historical perspective requirement. One history of women or history of feminism course selected from among A Wss 260, A Wss 412, A Wss 440, A His 256, A His 293, or other history course when approved.
3. 3 credits women in a global, international, or cross-cultural context requirement. Select at least one from among A Wss 308, A Wss330 or 330Z, A Wss 381 or 381Z, A Wss 412, A Wss 451, or other course when approved.
4. 3 credits feminist theory requirement. A Wss 360 is required of all members of the Women's Studies Teaching Internship. All other majors select at least one from A Wss 360, A Wss 465, or other course when approved.
5. 6 credits feminist research and internship. Two-semester sequence, usually taken during the fall and spring of the senior year: A Wss 490Z, and A Wss 492.
6. 12 credits of electives, at least 9 or more credits at the 300 level or above, to be selected from Women's Studies courses, cross-listed courses, or courses listed in other departments

and approved by the Women's Studies Department.

## Honors Program

Students may file an application for admission to the honors program in the department office in the second semester of the sophomore year or in the junior year. Junior transfers may apply at the time of their admission to the University.

The minimum requirements for admission include completion of at least 12 credits of course work applicable to the major, a minimum overall grade point average of 3.25, and a minimum 3.50 grade point average for all courses applicable toward the major.

Students in the program are required to complete all of the requirements for the major in Women's Studies. As part of their elective credits for the major, students must also complete 3 credits of intensive work culminating in an independent research or creative honors project. Typically the project begins as a paper the student writes for an upper-division Women's Studies course no later than spring of the junior year. During the senior year, honors students fulfill the requirements for the honors program by enrolling in AWSS 495 Honors Project during the fall semester concurrently with AWSS 490Z, Research Seminar in Women's Studies. Alternatively, students who have been admitted into the honors program during their sophomore year may enroll in AWSS 490Z in the fall semester of their junior year in preparation for completion of the honors sequence during the subsequent two semesters.

Students in the honors program are required to maintain overall grade point averages of 3.25 or higher during the junior and senior years and overall grade point averages of 3.50 or higher for all courses applicable toward the major. Students not meeting the above standards may be unable to complete the honors program.

After completion of the above requirements, the records of the candidate will be reviewed by the department, which will recommend candidates for the degree with honors in Women's Studies.

## Combined Bachelor's/Master's in Women's Studies

The combined B.A./M.A. program provides an opportunity for students with outstanding academic abilities to receive both a B.A. and an M.A. degree in five years (ten semesters).

The combined program demands a minimum of 142 credits, of which 32 must be graduate credits. Students must fulfill all university, college, and department requirements for both the undergraduate major and the M.A. in Women's Studies.

Students accepted into the combined B.A./M.A. program apply up to 10 credits of graduate work toward both their undergraduate and graduate degree requirements. Students take two 4-credit graduate courses in addition to WSS 510 (2 credits), "Advanced Feminist Pedagogy and Theory," to fulfill this requirement.

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Undergraduate students who have completed a minimum of 60 credits with a GPA of 3.2 or above are eligible to apply. Students submit applications for the B.A./M.A. program in Women's Studies directly to the Office of Graduate Admissions. Students will be admitted upon the recommendation of the department's Graduate Admissions Committee, whose decision will be based on the student's grade point average, statement of purpose, writing sample, and supportive letters of recommendation from faculty.

## Courses

### **A Wss 101 Introduction to Feminisms (3)**

The origins and development of feminist thought, with emphasis on the political, social, and economic conditions of contemporary women's lives in the United States and abroad. Emphasis on student exploration of issues that confront women and men across the range of their differences in race, class and sexual orientation, and that produce multiple orientations to feminism. Based on a pedagogy of peer-learning; co-facilitated by undergraduate members of the Women's Studies Teaching Internship working under the supervision of Women's Studies faculty and graduate students from related departments. A Wss 101Z is the writing intensive version of A Wss 101; only one may be taken for credit. [DP]

### **A Wss 101Z Introduction to Feminisms (3)**

A Wss 101Z is the writing intensive version of A Wss 101; only one may be taken for credit. [DP WI]

### **A Wss 106 U.S. Women Who Changed Our World (3)**

American women have a long history of great achievements despite social constraints based on gender, racial-ethnic heritage, social class, sexual preference, age, and ableness. This course introduces students to U.S. women whose lives and work have had a significant impact on our world. With the women's own words through documentary videos and primary and secondary sources, students will connect women from our past to today's women in politics, sports, medicine, the law, music, art, literature, social activism, education, science, architecture, or journalism. May not be offered in 2003-2004. [DP US\*]

### **A Wss 109N Women, Biology and Health (3)**

This introduction to an integrated approach to women's biology analyzes biological and social influences affecting women's physical and mental health. Attention is given to similarities and differences in biology and health across gender, racial/ethnic, and class groupings. Intended for freshmen and sophomores. [NS]

### **A Wss 171L (= A Rus 171L) Women in Russian Culture (3)**

The course will examine the roles of women in Russian culture through a study of film, as well as literary works by and about women. Only one of A Rus 171L & A Wss 171L may be taken for credit. May not be offered in 2003-2004.

### **A Wss 190 (= A Rus 190) Women Writers in Russian Literature (3)**

The course examines Russian women's writings beginning with the 18<sup>th</sup> century to the present. The texts are studied in the context of Russian literature in general and women's writings in particular. It includes: autobiographies by Catherine the Great, Alexandra Durova and Nadezda Mandelstam; prose works by Karolina Pavlova, Elena Guro, Tatjana Tolstaia, and the plays by Liudmila Petrushevskaia. May not be offered in 2003-2004.

### **A Wss 202 Introduction to Lesbian and Gay Studies (3)**

Topics may include the history of lesbian and gay culture(s) in the U.S., lesbian and gay civil rights movements, questions of sexual identity formation in historical and cultural contexts, lesbian and gay literature, and how these communities have responded to societal issues such as racism, classism, sexism, healthcare crises, and anti-gay violence. A Wss 202Z is the writing intensive version of A Wss 202; only one may be taken for credit. [DP]

### **A Wss 202Z Introduction to Lesbian and Gay Studies (3)**

A Wss 202Z is the writing intensive version of A Wss 202; only one may be taken for credit. [DP WI]

### **A Wss 210 Current Issues in Women's Studies (3)**

An introduction to issues of concern to contemporary women and men. Within the context of difference identified by race, class, and sexuality, the course is organized around a variety of topics, which may include the following: body politics; relationships, families, and households; living in a global economy; work, wages, and welfare; women's health; women and crime; environmental concerns; masculinities; artistic and musical expression; and making change in one's community. Designed for but not limited to non-majors

### **A Wss 217L (= A Mus 217L) Women and Music (3)**

An examination of the contributions of women in music through a historical survey of Western art music and a brief survey of popular and non-Western musics. Works by women composers as well as other phases of women's activities as musicians will be studied. Live performances and interviews will be arranged when possible. May not be offered in 2003-2004.

### **A Wss 220M Introduction to Feminist Theory (3)**

Offers multidisciplinary, introductory perspectives on intersectional feminist theory and considers the range of frameworks for analysis from the beginnings of "second wave" feminism to the present, including liberal, lesbian/radical, socialist/materialist, women of color, psychoanalytic, standpoint, and ecofeminist perspectives. [SS]

### **A Wss 220G Perspectives on Women (3)**

A Wss 220G is the writing intensive version of A Wss 220M; only one of A Wss 220M & 220G may be taken for credit. [SS WI]

### **A Wss 240 (= A Aas 240 & A Lcs 240) Classism, Racism and Sexism: Issues (3)**

Analyzes the connections between and among classism, racism and sexism, their mutually reinforcing nature, and the tensions arising from their interrelations. Particular attention will be given to the ideological and personal aspects of these phenomena, as well as to their institutional guises in American society. A Wss 240Z is the writing intensive version of A Wss 240; only one of A Wss 240/240Z, A Aas 240, & A Lcs 240 may be taken for credit. [DP]

### **A Wss 240Z Classism, Racism and Sexism: Issues (3)**

A Wss 240Z is writing intensive version of A Wss 240; only one of A Wss 240/240Z, A Aas 240, & A Lcs 240 may be taken for credit. [DP WI]

### **A Wss 248 (= A Jst 248) Women in Jewish Life and Literature (3)**

Examines the various roles of women and diverse ways they have been represented in Jewish life and literature from the biblical period through the 20th century. Texts will include biblical passages, talmudic legislation and interpretation, medieval documents, early modern memoirs, and modern letters, poetry and fiction. Only one of A Wss 248 & A Jst 248 may be taken for credit. May not be offered in 2003-2004.

### **A Wss 260 (= A His 259) History of Women and Social Change (3)**

With an emphasis on the diversity of U.S. women, this course examines the social, historical, and economic forces that have shaped U.S. women's lives from about 1800-1970 and the contexts within which women have participated in and sometimes led social and political movements. [US\*]

### **A Wss 262M (= A Soc 262M) Sociology of Gender (3)**

Culturally defined sex roles; their origins and their implications for individuals and society. Only one of A Wss 262M & A Soc 262M may be taken for credit. Prerequisite(s): A Soc 115M or permission of instructor. [DP SS]

### **A Wss 270 (= A Eas 270) Women in East Asian Literature (3)**

Female persona in East Asian literature will be examined in relation to their cultural background as well as the genres in which they appear. Women as rulers and lovers; as goddesses and prostitutes; exemplars and shrews. Conducted in English; no knowledge of the East Asian languages or cultures is required. Only one of A Eas 270 & A Wss 270 may be taken for credit.

### **A Wss 280 Society's Nightmare: Images of Gender, Race, and Class in Horror Fiction (3)**

Horror fiction and film are among the most popular genres, as well as the most powerful and disturbing, in American cultural life. Stephen King, Anne Rice, and others have risen to success by creating finely-crafted expressions of the nightmare of the inner lives of their readers. This course explores what 20<sup>th</sup> century horror fiction and films tell us about the inner life of the century. May not be offered in 2003-2004.

### **A Wss 281 Constructed Image: Women and the Media (3)**

This course will focus on the widespread and insidious influence the media has over constructing women's images of Self and Other. We will discuss the ways in which sexuality is constructed and how it intersects with issues of race, class, gender, and heterosexism in the media, specifically television and film images.

### **A Wss 299 Topics in Women's Studies (3)**

Consideration of topics or issues in women's studies. May be taken more than once if content varies. Consult semester schedules for specific topics and prerequisites.

### **A Wss 308 Global Perspectives on Women (3)**

The course addresses women's issues in the local context of women's movements in several regions and countries around the world as articulated by feminist scholars within those countries, with some attention to the relationship between U.S. women and global feminist struggles. Interdisciplinary readings, including fiction and feminist theory, bring the perspective of gender to global/international political and economic structures. Prerequisite: junior or senior class standing. [GC]

**A Wss 310 Introduction to Feminist Pedagogy (4)**

In-depth study of issues central to contemporary feminism, with special emphasis on group process, self-motivated learning and social change through education. For students who wish to prepare to co-facilitate A Wss 101 or 101Z as members of the Women's Studies Teaching Internship. Prerequisite(s): A Wss 101 or 101Z and either A Wss 220 or A Wss 360, which may be taken concurrently with A Wss 310, and permission of Chair of Women's Studies Department. *S/U graded.*

**A Wss 311Z (= A Clc 310Z) Women in Antiquity (3)**

The literary, historical and archaeological evidence concerning the lives and roles of women in Greek and Roman society. Only one of A Wss 311Z & A Clc 310Z may be taken for credit. Prerequisite: junior or senior class standing. [EU WI]

**A Wss 320 Feminist Pedagogy in Theory (3)**

Continuation of A Wss 310 for students who are members of the Women's Studies Teaching Internship. Theory is discussed in the context of students serving as facilitators in sections of A Wss 101 and 101Z. Students work under supervision in a collaborative, collective mode of shared responsibility and leadership. Taken concurrently with A Wss 322. Prerequisite(s): A Wss 310 and 360, and permission of chair.

**A Wss 322 Feminist Pedagogy in Practice (3)**

With preparation from A Wss 310 and, concurrently A Wss 320, students serve as facilitators in sections of A Wss 101 and 101Z under faculty supervision. This course can be taken only once for credit. Prerequisite(s): A Wss 310 and 360, and permission of Chair of Women's Studies. [OD]

**A Wss 328 (= A Gog 328/A Pln328) Gender, Space and Place (3)**

Power relations and categories of social difference are reflected by dramatic inequalities in local environments, and in the quantity and quality of available space. This course examines, through the lenses of feminist geography and planning, how space is invested with social meaning. It discusses how the built environment affects and reflects relations of gender, sexuality and ethnicity, and considers how these social classifications produce "geographies of difference." Gender is also related to nationalism, colonialism, "geographic skills," and feminist research methodologies. Prerequisite(s): A Gog 125 or A Pln 220 or permission of instructor

**A Wss 330 Gender, Class and Community in Modern China (3)**

This course examines the meanings of gender, class, and community in the Chinese cultural context. Topics include: construction and representations of gender and sexuality in modern China; family and kinship systems; media and consumer culture; urbanization and modernism. Developments in Taiwan will be included where appropriate. May not be offered in 2003-2004.

**A Wss 333 (= R Pos 333) Women and the Law (3)**

The various specific ways in which the law affects women by discriminating on the basis of sex and of the relationship between law and social norms regarding sex roles. Only one of A Wss 333 & R Pos 333 may be taken for credit. Prerequisite(s): R Pos 101M and junior or senior class standing, or permission of instructor.

**A Wss 344 (= A Soc 344) Sociology of Women in the Political Economy (3)**

The different economic roles women play. The socio-historical determinants of these roles and their implications for the individual and society. A Soc 344Z & A Wss 344Z are the writing intensive versions of A Soc 344 & A Wss 344; only one of the four courses may be taken for credit. Prerequisite(s): A Soc 115M or permission of instructor.

**A Wss 344Z (= A Soc 344Z) Sociology of Women in the Political Economy (3)**

A Soc 344Z & A Wss 344Z are the writing intensive versions of A Soc 344 & A Wss 344; only one of the four courses may be taken for credit. Prerequisite(s): A Soc 115M or permission of instructor. May not be offered in 2003-2004. [WI]

**A Wss 346 (= R Pos 346) Law, Civil Rights, and Sexual Orientation (3)**

The course will examine relevant court cases as well as local, state, and federal laws that define the boundaries for legal recognition of sexual orientation and personal sexuality in the 20<sup>th</sup> Century.

**A Wss 350 (= A Phi 350) Philosophy and Feminism (3)**

Examination of the theories of the oppression of women and proposals for solutions. Particular attention will be paid to existentialism, biological determinism, Marxism and feminist psychology and epistemology. Only one of A Wss 350 & A Phi 350 may be taken for credit. Prerequisite(s): one course in philosophy or women's studies. May not be offered in 2003-2004.

**A Wss 357 (= A Eac 357, A His 357) Chinese Women and Modernity (3)**

Chinese women and their search for and encounter with modernity will be the focus of this class. What have been the concerns of Chinese women? What forms have women's movements taken in the Chinese context? What has been the role of women in creating a modern Chinese state and society? These and other questions will be examined over the course of the semester.

**A Wss 360 Feminist Social and Political Thought (3)**

Study of the sources of contemporary feminist thought and the directions feminism has taken since the sixties. Contemporary feminism analyzed both as a historical movement and as a body of political theory. Particular attention will be paid to diversity within feminist theory and its differences with traditional political theory. Prerequisite(s): A Wss 101 or 101Z or 220M or 220G or R Pos 101M or permission of instructor.

**A Wss 362L (= A Eng 362L) Critical Approaches to Gender and Sexuality in Literature (3)**

Examination of the role of literary texts from any period(s) or geographical region(s) in the construction of gender and sexuality, with an emphasis on study of interpretive strategies provided by various critical discourses. Topics to be discussed, among others: aesthetic movements; historical problems; cultural texts; political questions. Course analyzes different images of women in texts, the relationship of these images to the form and content of the works studied, and the connections between individual works and cultural or critical history. Intended primarily for juniors and seniors. Only one of A Wss 362L & A Eng 362L may be taken for credit. Prerequisite(s): a 100-level English literature course or permission of instructor. [HU]

**A Wss 365 (= A Ant 365) The Anthropology of New Reproductive Technologies (3)**

A cross-cultural perspective on how new reproductive technologies (including in vitro fertilization, surrogacy, ultrasound, prenatal screening for disability, sex selection, fetal surgery, and neonatal intensive care) are transforming the experience of procreation and challenging cultural notions of kinship, personhood, and what it means to be human. Prerequisite(s): 3 credits in anthropology, philosophy, or women's studies.

**A Wss 366 (= Eng A 366) Critical Approaches to Ethnicity in Literature (3)**

Examination of constructions of "race" and/or "ethnicity" as presented in literature. Topics to be discussed may include, among others: how markers of nationality are related to issues of sexuality, class, and other cultural-historical ways of accounting for the complex questions that surround identity. May be repeated once for credit when content varies. May be repeated once for credit when content varies.

**A Wss 368L (= A Eng 368L) Women Writers (3)**

Selected works of English and/or American women writers in the context of the literary and cultural conditions confronting them. The course focuses on the development of a female tradition in literature and on the narrative, poetic, and/or dramatic styles of expression, voice, and values of women writers. May be repeated for credit with change in topic. Prerequisite(s): a 100-level English literature course or permission of the instructor. [HU]

**A Wss 371 (= A Psy 371) Sexual and Physical Abuse (3)**

In depth coverage of abuse and neglect of children and elderly people; relationship violence in heterosexual, lesbian and gay relationships; rape and other forms of sexual coercion; sexual abuse of children; child pornography and prostitution; and sexual harassment. Research and theories from diverse areas of psychology will be used. Emphasis will be on prevention. A Wss 371Z is the writing intensive version of A Wss 371; only one may be taken for credit. Prerequisite(s): A Psy 101M and A Psy 210 or an equivalent statistics course approved by instructor or permission of instructor.

**A Wss 371Z (= A Psy 371Z) Sexual and Physical Abuse (3)**

A Wss 371Z is the writing intensive version of A Wss 371; only one may be taken for credit. [WI]

**A Wss 381 (= A Ant 381) Anthropology of Gender (3)**

Cross-cultural analysis of gender roles. Focuses on non-Western societies, using data from other societies to better understand the gender system of our own culture. Issues include status of women and men, the meaning of "femaleness" and "maleness", and women and health care systems. A Ant 381Z & A Wss 381Z are the writing intensive versions of A Ant 381 & A Wss 381; only one of the four courses may be taken for credit. Prerequisite(s): one course in anthropology or sociology.

**A Wss 381Z (= A Ant 381Z) Anthropology of Gender (3)**

A Ant 381Z & A Wss 381Z are the writing intensive versions of A Ant 381 & A Wss 381; only one of the four courses may be taken for credit. Prerequisite(s): one course in anthropology or sociology. [WI]

**A Wss 397 Independent Study (1-4)**

Study by a student in an area of special interest not treated in courses currently offered. Work performed under direction of a professor chosen by the student on a topic approved by the. May be repeated with approval. Prerequisite(s): permission of the Women's Studies Department Chair of the Women's Studies Department.

**A Wss 399 Topics in Women's Studies (1-3)**

Consideration of topics or issues in women's studies selected on the basis of faculty and student interest. May be taken more than once with different content. Consult fall and spring schedule of classes for specific topics and prerequisites.



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## **A Wss 401 Sex/uality, Race, and Class in Science and Health (3)**

This seminar will investigate the rich and problematic relationship between the sciences and issues of sex/gender, sexuality, race, class, and ableness, including cultural biases in science and health. Within an historical context, the course will emphasize the impact of antiracist feminism on the sciences and health in the past three decades. Key analytical questions include: How is scientific knowledge made, believed, and used? What forces control its production and use? What constitutes evidence in science—for scientists and for citizens, and how is that decided? What role do “western” science and technology play in globalization and its impact on people’s lives within the U.S. and throughout the world? What forces are working to transform science to increase social, political, and economic justice? What theoretical and practical insights accrue from intersectional feminist analyses (working with the intersections of sex/gender, racial/ethnic heritage, class, ableness, and global status) of science and health? What is the potential for feminist science studies to transform the sciences and health? Examples of specific topics that may be addressed are biological determinism, environmental pollution, and breast cancer science and politics. This seminar will examine the rich and problematic relationship between women and science/technology. Drawing on the new scholarship about women in the sciences in this country, we will investigate the changing status and activities of women over the past two centuries and the consequences for the sciences and technology. A Wss 401Z is the writing intensive version of A Wss 401; only one may be taken for credit. -May not be offered in 2003-2004.

## **A Wss 401Z Sex/uality, Race, and Class in Science and Health (3)**

A Wss 401Z is the writing intensive version of Wss 401; only one may be taken for credit. May not be offered in 2003-2004..[WI]

## **A Wss 412 Race, Gender and Cultural Politics in Asian America (3)**

With an emphasis on historical perspectives as well as the intersections of gender, class, and race/ethnicity, this course studies the experience of Asians in the U.S. Topics include: immigration laws; labor and work; family and community formation; the processes of reconstructing history and memory; politics of media representation. Prerequisite: junior or senior class standing.

## **A Wss 413 (= A His 413) Sexual Politics in Chinese History (3)**

This course examines sexual politics in the Chinese historical/cultural context. Issues discussed and analyzed include: constructions of gender and sexuality (including homosexuality); “policing” of family and kinship structures; ideological indoctrination through education and other means; rape laws; sex crimes; forms of dissent or protest. Readings include literature in translation. Prerequisite(s): Junior or senior standing. May not be offered in 2003-2004.

## **A Wss 416 (= A Eng 416) Topics in Gender, Sexuality, Race, or Class (3)**

Focused examination of topics in the study of gender, sexuality, race and/or class, as they are positioned and defined in literary or other texts from any period(s) or geographic region(s). Individual semesters may focus on, among other areas: a particular historical period, genre, or theme; theories of gender, sexuality, race, and/or class as related to literary or other forms of representation; a particular cultural problem. May be repeated once for credit when content varies. Prerequisite(s): senior class standing, at least one literature course, and permission of instructor. May not be offered in 2003-2004.

## **A Wss 430Z (=A Wss 530) Environmental Justice: Racism, Classism, Sexism (3)**

In this course we will explore how racism, classism, and sexism affect current environmental events, including environmental policy-making, public health outcomes, and the rhetoric and politics of environmentalism. Surveying the development of environmental awareness among the public, philosophies behind such awareness and resulting shifts in policy, we will focus on the growth of the environmental justice movement, and will consider how various groups have addressed environmental degradation and injustice. Also under consideration will be a set of related issues: how globalization has affected these events, the feminist critique of science and its impact, relationships between grass-roots activism (for example, Native American activists and other environmental justice groups) and between these groups and more scholarly approaches, and contributions by artists, labor-rights groups, religious leaders, animal rights activists, and deep ecologists. Prerequisite(s): All students, at whatever level, are welcome. The requirements will differ for graduate and undergraduate students. For example, graduate students will be reading more theoretical articles, and will be responsible for explaining these to the undergraduate students. In addition, graduate students will be required to submit a final research paper that is much longer (12-20 pages) than that required for undergraduate students. A Wss 433 (= R Pos 433) Women, Politics and Power (3)

Examines the role of women within American society; identifies the systematic factors that have contributed to women’s sociopolitical exclusion; investigates selected contemporary ideologies that posit a redefinition of the power relationships within society as the primary political objective. R Pos 433Z & A Wss 433Z are the writing intensive versions of R Pos 433 & A Wss 433; only one of the four courses may be taken for credit. Prerequisite(s): R Pos 101M or permission of instructor. May not be offered in 2003-2004.

## **A Wss 433Z (= R Pos 433Z) Women, Politics and Power (3)**

R Pos 433Z & A Wss 433Z are the writing intensive versions of R Pos 433 & A Wss 433; only one of the four courses may be taken for credit. Prerequisite(s): R Pos 101M or permission of instructor. May not be offered in 2003-2004. [WI]

## **A Wss 440 (= A Aas 440 and A His 440) Black Women in United States History (3)**

This seminar will examine the history of black women in the United States from the slave era through the post World War II reform movements. It will focus upon the range of demands black women faced during the Gilded and Progressive eras—their participation in the suffrage movement, black struggles for liberation, cultural expressions, labor force, etc. Only one of A Wss 440, A Aas 440 and A His 440 may be taken for credit.

## **A Wss 450 The Literature of Feminism: An Interdisciplinary Seminar (3)**

Draws upon the entire body of writing (fictional and nonfictional) that concerns feminism. In different semesters, focuses on different themes, periods, ideas, or issues related to feminism. Combines readings, lectures, seminar discussions, and research. May be repeated for credit when topics differ. Prerequisite(s): permission of instructor. May not be offered in 2003-2004.

## **A Wss 451 (= A Lcs 451) Gender & Class in Latin American Development (3)**

The study of the interplay of cultural, ideological, and structural factors affecting women’s lives during the course of Latin America’s growing industrialization, from the perspective of gender and class analysis. The topics covered are: household work, paid work, migration, growth of female headed households, and women’s political participation. Prerequisite(s): any course in Latin American Studies and/or Women’s Studies. Only one of A Wss 451 & A Lcs 451 may be taken for credit. May not be offered in 2003-2004.

## **A Wss 465 Feminist Theory (3)**

The course will examine key changes in feminist theory from the late 1960’s to the present. It will assess changes in the way feminists have thought about such topics as: motherhood, sexuality, the origin and nature of women’s oppression, class, race, and differences among women. Attention will be given to the political implications of changes in theory. Prerequisite(s): One of A Wss 220M, A Wss 240, or A Wss 360, or permission of instructor.

## **A Wss 475 (= A Arh 475; formerly A Wss 455) Women in Art (3)**

Survey of women artists from 1550 to the present, including Artemesia Gentileschi, Elizabeth Vigee-Lebrun, Mary Cassatt, Alice Neel. Also includes a feminist analysis of images of women in art since the Renaissance. A Arh 475Z & A Wss 475Z are the writing intensive versions of A Arh 475 & A Wss 475; only one of the four courses may be taken for credit. Prerequisite(s): A Arh 171L and junior or senior class standing, or permission of instructor. May not be offered in 2003-2004.

## **A Wss 475Z (= A Arh 475Z; formerly A Wss 455Z) Women in Art (3)**

A Arh 475Z & A Wss 475Z are the writing intensive versions of A Arh 475 & A Wss 475; only one of the four courses may be taken for credit. Prerequisite(s): A Arh 171L and junior or senior class standing, or permission of instructor. [WI]

## **A Wss 490Z Research Seminar in Women’s Studies (3)**

Seminar in the theory and practice of women’s studies research to examine what distinguishes women’s studies from other disciplines; the relationship between feminist research and community/political activism; how feminist research is changing the traditional disciplines and the methods used in research. Prerequisite(s): senior standing or permission of instructor. [WI]

## **A Wss 492 Internship in Women’s Studies (3)**

The Internship in Women’s Studies has two components. (1) Work experience in a placement related to student’s interests in career development and social justice. Interns are expected to spend eight (8) hours per week at their placements. Each student works closely with a feminist mentor who provides guidance on projects as well as an analysis of the structure and function of the organization and its role in social change. (2) Academic seminar where students meet together weekly for 80 minutes to apply feminist theory, praxis, and analysis to their placement. Assignments include preparing a resume, analyzing current issues of workplace and economic justice, career development, assessing skills for and barriers to career development, and planning for graduate or professional school. The Internship is a requirement for the major but is open to any responsible junior or senior who has taken a course in Women’s Studies. Permission of Internship Director is required; placements must be arranged during advanced registration. **Internships are open only to qualified juniors and seniors who have an overall grade point average of 2.50 or higher. S/U graded.**

## **A Wss 495 Honors Project (3)**

Independent research project required for successful completion of Women’s Studies Honors. In order to register for this course, students must present a written prospectus of their project to the Director of the Women’s Studies Honors Program. Students complete their Honors Project under the supervision of the Director of the Honors Program and an Honors Project Advisor. Honors students will present their projects to Women’s Studies faculty and students upon completion of their work. Prerequisite(s): Admission to Women’s Studies Honors Program; A Wss 490Z (may be taken concurrently).

## **A Wss 498 Topics in Women’s Studies (3)**

Considers topics or issues in women’s studies selected on the basis of faculty and student interest. May be repeated with different content. Consult fall



and spring schedule of classes for specific topics and prerequisites.