

H&SS Interdepartmental Minors

H&SS interdepartmental minors are programs whose content and components span two or more academic departments in the humanities, behavioral sciences, and social sciences to form coherent patterns of study.

A number of interdepartmental minors are offered by H&SS, and are, in general, available to all Carnegie Mellon undergraduate students. As well, there are numerous other minors offered by other colleges in the university that are generally available to H&SS students. The full list of minors available to Carnegie Mellon students is located in the catalog index under "Minors."

Completion of the requirements for any of these minors is noted on the final transcript and diploma.

To declare an H&SS interdepartmental minor, students should contact the H&SS Academic Advisory Center (AAC) and the faculty advisor for that minor. Progress is monitored through the faculty advisor and completion of the minor through the H&SS AAC.

To discuss the possibilities of declaring other non-H&SS minors contact the advisor listed for that particular minor.

In general, unless noted, no course taken to fulfill requirements for these interdepartmental minors may applied toward any other requirements for a major(s) or minor(s).

The Minor in Environmental Studies

Faculty Advisor: Peter Madsen
Office: Baker Hall 161F

Human activities can have large-scale and long-term consequences for environmental quality. The thoughtful analysis of these consequences is required if we desire a sustainable society. The minor in Environmental Studies is designed to provide students with the interdisciplinary background and skills necessary to understand environmental issues. It emphasizes three general areas: human-ties, social sciences, and technology and natural science. The humanities emphasis concerns the ethical, legal, and historical basis of environmental concerns. The social science area concentrates on the economic and political nature of environmental problems. The technology and natural science focus includes the exploration of the biological, chemical, and physical nature of the environment and the role of technology in both problem creation and problem solution.

Curriculum **54-73 units**

The minor in Environmental Studies is offered jointly by the Departments of History and Social and Decision Sciences, with participation by selected departments from the Mellon College of Science and the Carnegie Institute of Technology. The minor requires that students take Biology and Chemistry in the Mellon College of Science or approved environmentally-related science courses at the University of Pittsburgh. In addition, minors are required to complete two required core courses, three intermediate (distributional) courses spread across at least two of the areas of emphasis, and one advanced course. The advanced course requirement includes either pre-approved sections of Policy Analysis III or pre-approved sections of the History and Policy Project Course. It is important for students to work closely with the faculty advisor for the minor in order to select the proper mix of courses to fulfill requirements.

With the exception of the minor's science prerequisites, courses taken to fulfill requirements in other major or minor programs may not be applied to the Environmental Studies minor requirements (and vice versa). In the case of the minor's "Advanced Course" requirement, if one of the two advanced courses is being taken to fulfill a requirement for another program, it cannot also be applied to this minor requirement. If it is not possible to take the

other advanced course option, the faculty minor advisor will work with the student to identify an alternative course for this requirement.

NOTE: The courses listed below are offered with at least general regularity. Participating departments may subsequently develop and offer other courses that, while not listed here, are deemed appropriate for this minor. The minor faculty advisor should be consulted (especially when the schedule of courses to be offered for a given semester becomes available) to identify such additional courses.

Science Prerequisites* 19 units

03-121 Modern Biology
09-105 Modern Chemistry I or approved environmentally-related science courses (equivalent to at least 18 Carnegie Mellon units) at the University of Pittsburgh (see faculty minor advisor)

*These science courses may double count with other major and minor requirements.

Required Courses 18 units

66-210 Science and Technology for the Environment
80-244 Management, Environment, and Ethics

Intermediate (Distributional) Requirements 27 units

Complete three courses in at least two of these areas: Science and Technology, Social Science, and Humanities. Only one of the three courses can be an introductory course (as indicated below by an asterisk).

Science and Technology Area

12-100 Introduction to Civil and Environmental Engineering*
12-655 Water Quality Engineering
12-651 Air Quality Engineering
19-101 Introduction to Engineering and Public Policy*
19-222/ Sustainability (6 units)
223 Environmental Management (6 units)
19-448 Science, Technology and Ethics
24-297 Energy-Environmental Systems
42-424 Biological Transport

Social Sciences Area

73-357 Regulation: Theory & Policy
73-358 Economics of the Environment and Natural Resources
88-220 Policy Analysis I
88-221 Policy Analysis II
88-425 Politics of Economic Deregulation

Humanities Area

76-319 Environmental Rhetoric
79-346 International Environmental Law and Policy
79-384 Medicine and Society
80-340 Environmental Ethics and Decision Processes

Advanced Course (minimum) 9 units

Both courses listed in this category have prerequisites or, as an alternative, require instructor approval for entry.

88-222 Policy Analysis III (pre-approved sections)
or
79-410 History and Policy Project Course (pre-approved sections)

The Minor in European Studies

Faculty Advisor: Beryl Schlossman, Department of Modern Languages Office: Porter Hall 125A

Europe constitutes a vital part of our cultural heritage and has been a source of both great creativity and massive devastation in the modern era. The European Studies program seeks to enhance students' understanding of the historical evolution and contemporary dimensions of European society, politics, and culture. It aims as well to train students in an area of growing national need and professional opportunity. It offers an interdepartmental minor that furnishes students with substantive knowledge of western European society through two approaches. First, it provides a solid foundation in one of the continental Western European languages. Second, it encourages comparative inquiry across boundaries of time, nation, and scholarly discipline.

Curriculum 54 units

Offered jointly by the Departments of Modern Languages and History.

European Studies minors must take two prerequisite courses (18 units) in the same foreign language (French, Spanish, or German) or demonstrate the equivalent in language ability through the Carnegie Mellon Language Placement Test. The requirements include a minimum of 54 units of core courses. Students are encouraged to take advantage of the Study Abroad Program.

Students are urged to check with the Minor Advisor in selecting courses for this major.

I. Core Courses in Modern Languages 27 units

Language courses are to be completed in the same language: French, German, or Spanish.

Complete two courses in a 200-level language sequence* 18 units

82-2xx 200-level language course
82-2xx 200-level language course

*Students who place out of 200-level language courses must take at least two 300-level courses or a combination of 300 and 400 level language courses.

Complete one course in a 300-level language course 9 units

82-3xx 300-level language course

II. Core Courses in History 27 units

Required Course 9 units

79-207 Development of European Culture

Pre-20th Century European History 9 units

Complete one 200-level (or above) course in Pre-20th century European history.

79-2xx/3xx Pre-20th century European History course

European History 9 units

Complete one 300-level course in European history.

79-3xx European History course

The Minor in Film and Media Studies

Faculty Advisor: David Shumway
Office: Baker Hall 259

Film and the electronic media have become a crucial part of contemporary culture and society; they constitute an important tool for understanding social arrangements, historical changes, and play an increasingly important role in the development of aesthetic and cultural theory. The H&SS minor in Film and Media Studies takes an interdisciplinary approach to the study of film

and other electronic media. Courses provide techniques for analyzing and criticizing film and other media, for assessing their value as historical, anthropological and social scientific data, and for understanding the aesthetic and philosophical premises of various media texts. In addition, students may take courses in the processes of film-making, offered through special arrangement with the Pittsburgh Filmmakers (a non-profit media arts center, operating since 1971, that provides workshops, seminars, screenings, exhibitions, and training programs in the media and photographic arts).

Courses taken to fulfill requirements for other major or minor programs may not be applied to the Film and Media Studies Minor requirements.

Curriculum 54 Units

The courses listed below are offered with at least general regularity. Participating departments may subsequently develop and offer other courses that, while not listed here, are deemed appropriate for this minor. The minor faculty advisor should be consulted (especially when the schedule of courses to be offered for a given semester becomes available) to identify such additional courses.

Introductory Course 9 Units

76-239 Introduction to Film Studies
(prerequisite for 76-439)

Required Intermediate Course 9 Units

76-339 Advanced Studies in Film and Media
(May be taken up to three times and counted for additional credit toward Intermediate Courses if topics differ)

OR

76-361 Film Festival Course

Intermediate Courses 18 Units

Complete a minimum of 18 units of course work, chosen in any combination from the following three course groups. (All courses are 9 units unless otherwise indicated).

1. Film and the Study of Society

76-238 Introduction to Media Studies
79-247 East Asians in Film
82-296 A Century of Russian Film
82-187 French Cinema

2. Film and Anthropology

79-210 Picturing Others: Ethnographic Film
79-303 Visual Anthropology

3. Filmmaking

76-269 Study of Forms: Screenwriting
FM 200 Intermediate Filmmaking (please go to CFA 100 to register for this course)

Other 200 or 300 level courses in English, History, and Modern Languages can be counted in this category why their primary topic is film and media. Please consult the minor faculty advisor.

Advanced Courses 9 Units

Complete one advanced course which concentrates on film directly or which uses it as a tool of social or cultural analysis.

FM 301 Advanced Filmmaking (please go to CFA 100 to register for this course)
76-439 Advanced Seminar in Film and Media
76-437 The American Cinema
76-438 Stars and Celebrities
76-469 Screenwriting Workshop
82-491 Literature, Politics and Film in East Europe and Russia Today

The Minor in Gender Studies

Faculty Advisor: Kristina Straub
Office to declare minor: English, Baker Hall 259

Gender Studies is an interdisciplinary field that investigates how gender is embedded in social, cultural, and political relationships. It understands gender as a category of power that intersects with other power relations, including race, class, and sexuality. Courses allow students to develop a deeper understanding of how gender operates, and to transfer the analytical skills they acquire to other courses as well as to their personal and professional lives. The minor combines coursework in English, History, Anthropology, Psychology, Philosophy, Economics, and Modern Languages.

Courses taken to fulfill requirements in other major or minor programs may not be applied to the Gender Studies minor requirements (and vice versa).

Curriculum 54 units

The courses listed below are offered with at least general regularity. Participating departments may subsequently develop and offer other courses that, while not listed here, are deemed appropriate for this minor. The minor faculty advisor should be consulted for approval.

Required Introductory Courses 18 units

Complete the following (9 units):

76-241 Introduction to Gender Studies

And complete one of the following (9 units)

79-234 Body Politics: Women and Health in America

79-379 Women in America

Elective Intermediate Courses 27 units

73-340 Labor Economics
76-241 Introduction to Gender Studies*
76-245 Shakespeare and the Genres
76-330 Medieval Literature: Women's Lives, Men's Lives
76-333 Histories of Sexualities
76-353 Advanced Gender Studies
79-209 Theory and Practice in Anthropology
79-234 Body Politics: Women and Health in America*
79-236 18th Century China through Literature
79-253 Development of Caribbean Culture
79-260 Mayan America
79-270 Chinese Culture and Society
79-284 History of Gender and the Family in Russia
79-294 The Making of the African Diaspora in the New World
79-308 Politics and Culture of Memory
79-320 Women and Power
79-329 Sex, Population and Birth Control
79-348 Objects of Value
79-359 History of African American Families
79-364 Art, Anthropology and Empire
79-374 Women in Modern India
79-379 Women in America*
79-382 African American Women in US History
80-346 Value, Fact, and Policy
85-221 Principles of Child Development
85-352 Evolutionary Psychology
*if not taken as required introductory course

Elective Advanced Courses 9 units

76-435 Gay and Lesbian Theory
76-435 Feminist Cultural Studies
79-401 Colloquium in Anthropology and History
79-404 Extreme Ethnography
82-407 The Arts in Society: French Modernism
82-413 The Arts in Society: Theaters of Love
82-415 Baudelaire and Modern French Culture
82-415 Writing and Viewing the Other
82-416 Twentieth Century and Contemporary French Literature and Cinema
82-451 Literature and Revolution in Central America
82-456 Madres, machos y más: género y sexualidad en América Latina
85-446 Psychology of Gender

As an alternative, in extenuating circumstances, students may substitute another 9-unit course from the "Intermediate Course" list above with the approval of the minor faculty advisor. Students may also take more than 9 units from the "Advanced Course" list to count for the 54 unit total.

The Minor in Health Care Policy and Management

Sponsored by:

H. John Heinz III School of Public Policy and Management
College of Humanities and Social Sciences
Mellon College of Science

Faculty Advisors: Caroline Acker, Naum Kats, and Stephanie Wallach, College of Humanities and Social Sciences
Brenda Peyser, H. John Heinz III School
Amy Burkert, Mellon College of Science

The face of health care is changing. The practice of medicine is being fundamentally altered by the forces of change in public policy, health care organizations and in the industry as a whole. The role of individual professionals in this industry is changing as rapidly as the industry itself. Traditional career paths have disappeared over night to be replaced by new opportunities that require new skills. New organizations are placing new demands on their professional and medical staffs. The criteria of efficiency and financial stability are entering the domains of diagnosis and treatment.

This minor is designed to provide students considering a career in the health professions with an understanding of how these changes are likely to affect their careers. Students will become familiar with the critical policy and management issues and will begin to learn to operate effectively in the emerging health care environment. The curriculum combines economic, organizational, managerial, historical and psychological perspectives on these issues to provide a foundation for a deepened understanding of the changing structure of health care organizations and policy.

Curriculum (minimum) 60 units

Six courses (a minimum of 60 units) are required to complete this minor. Entry into the minor requires completion of 73-250, Intermediate Microeconomics or 88-220, Policy Analysis I or the equivalent by approval.

Required Courses 33 units

Students are required to take the following courses.

79-384 Medicine and Society
90-650 Introduction to Health Care Policy and Management
90-735 Health Economics

Elective Courses 27 units

Complete three courses totaling a minimum of 27 units.

Heinz School Courses (12 units each)

90-721 Non-Profit and Health Marketing
91-830 Financial Management of Health Systems
91-836 Legal Issues in Health Systems Management
91-844 Managing Quality Improvement
91-853 Health Care Information Systems
91-861 Health Policy
91-862 Managed Care

Humanities and Social Sciences Courses (9 units each)

76-494 Medical Communications
79-335 Drug Use and Drug Policy
79-336 Epidemic Disease and Public Health
80-245 Medical Ethics
85-241 Social Psychology
85-442 The Social Psychology of Health
85-446 The Psychology of Gender
85-451 The Psychology of Purpose
88-373 Mental Health Ideologies

Please note that some of these courses have prerequisites that will not count toward the completion of the requirements for this minor.

The Minor in International Relations

Faculty Advisor: Kiron K. Skinner; Undergraduate Advisor: Stephanie Wallach Office: Baker Hall 240

The International Relations Minor allows students to explore some of the most important intellectual effects of the demise of the cold war. They include the dissolution of disciplinary boundaries, which facilitates a more productive study of the interaction of politics, culture, and markets, as well as a focus on

the role of state and non-state actors in international outcomes. The minor is designed for students with international interests including business and management, culture, history, and political science. The departments of Social and Decision Sciences, History, and Modern Languages jointly offer the International Relations Minor.

Curriculum

The courses listed below are offered with general regularity. Participating departments may subsequently develop and offer other courses that are deemed appropriate for this minor. The Undergraduate Advisor should be consulted, especially when the schedule of courses for a given semester becomes available, to identify such additional courses.

Core Courses 27-36 units

Complete 79-231/88-329; 88-326/79-350; 88-205 OR 88-357; plus one 200-level course in Modern Languages (unless you fulfill the language requirement via another option listed below).

History (9units)

79-231/88-329 American Foreign Policy, 1945 to Present

Social and Decision Sciences (18 units)

88-326/
79-350 Theories of International Relations (required)
AND
88-205 Comparative Politics
OR
88-357 Comparative Foreign Policy: China, Russia, and the US

Modern Languages

Demonstration of basic competency in a foreign language via one of the three options listed below:

- 1) Complete one (1) Modern Languages course at the 200 level, with a minimum grade of C, or
- 2) Achieve a score of 4 or higher in one foreign language Advanced Placement examination, or
- 3) Demonstrate equivalent proficiency to the satisfaction of the Department of Modern Languages

Regional Specialization 27 units

Complete three (3) courses in non-U.S. History, international politics, or literature in a single region of the world from the regions listed below. The aim is to achieve in-depth command of a non-U.S. culture via study of its language, cultural and political history, and cultural products.

Africa

79-258 Introduction to African History: 18th Century to Neo Colonialism
79-267 Pre-Colonial West African History 1100-1800 (6 units)
79-268 From the Local to the Global: Africa in the World (6 units)
79-294 The Making of the African Diaspora in the New World
79-356 Introduction to African History: Earliest Times to the Origins of the Slave Trade
82-304 The Francophone World
82-404 Francophone Realities: Africa
82-410 Advanced Research in French and Francophone Language and Culture
82-415/
416 Topics in French and Francophone Studies

Asia

79-225 Religions of China
79-236 Eighteenth Century China Through Literature
79-237 Cities in History: Delhi and London
79-247 East Asians in Film
79-253 The Development of Caribbean Culture
79-254 The Pacific Islands: History and Culture
79-261 A History of Asian Americans in the United States
79-270 Chinese Culture and Society
79-271 Modern China
79-275 Religious Identities and Religious Conflicts in Nineteenth Century Europe
79-278 China's Environment: Past and Present
79-283 East Asia and World War II

79-289 Development of South Asian Culture and Society
79-374 Women in Modern India
82-273 Introduction to Japanese Language and Culture
82-278 Japanese Literature in Translation
82-333 Introduction to Chinese Language and Culture
82-433 Topics in Contemporary Culture of China
82-434 Studies in Chinese Traditions
82-474 Topics in Japanese Studies II: Samurai, Kamikaze, Totoro

Europe

79-205 20th Century Europe
79-207 Development of European Culture
79-214 18th Century European History
79-219 The Holocaust in Historical Perspective
79-220 Early Christianity
79-221 Christendom Divided: The Protestant and Catholic Reformations, 1450-1650
79-251 Flesh and Spirit: Early Modern Europe, 1400-1800
79-275 Religious Identities and Religious Conflicts in Nineteenth-Century Europe
79-295 Germany and World War II
79-307 The Anthropology of Europe
79-310 Modern Spain: Culture, Politics, and Society
79-318 Protest, Propaganda, and the Public Sphere, 1500-1800
79-319 The City and the Country in Modern Europe
79-324 Modern Painting
79-325 Art and Religion
79-333 History of Biomedical Research
79-368 Poverty, Charity, and Welfare (6 units)
79-376 Making of the Modern Family
79-396 Music and Society in 19th/20th Century Europe and US
82-303 French Culture
82-305 French in its Social Contexts
82-323 Germany, Austria and Switzerland in the 20th Century
82-324 Contemporary Germany, Austria and Switzerland
82-325 Introduction to German Studies
82-342 Spain: Language and Culture
82-345 Hispanic Literary and Cultural Studies
82-396 The Faust Legend at Home and Abroad
82-401 French Popular Song
82-407 The Arts in Society
82-408 Matisse, Chagall, Picasso and Their Contemporaries: Art and Museums on the Riviera
82-410 Advanced Research in French and Francophone Language and Culture
82-415/
416 Topics in French and Francophone Studies
82-421 German Literature of the Nineteenth Century
82-422 German Literature of the Early Twentieth Century
82-424 The New Germany
82-425 Topics in German Literature and Culture
82-426 Studies in German Literature
82-427 Nazi and Resistance Culture
82-428 History of German Film
82-441 Studies in Peninsular Literature and Culture
82-444 The Structure of Spanish
82-446 Political Drama of Spain
88-205 Comparative Politics
88-314 Politics through Film

Latin America/Caribbean

79-253 The Development of Caribbean Culture
79-260 Mayan America
79-288 Bananas, Baseball, and Borders: Latin America and the US from Alamo to Drug Wars
79-290 Between Revolutions: The Development of Modern Latin America
82-343 Latin America: Language and Culture
82-344 U.S. Latinos: Language and Culture
82-345 Hispanic Literary and Cultural Studies
82-445 U.S. Latino Literature
82-450 Advanced Research in Hispanic Language and Culture
82-451 Studies in Latin American Literature and Culture
82-452 The Latin American Fin de Siglo: Modernity, Modernismo and Underdevelopment
82-453 Voices from Within: The Crisis of Latin American Identity
82-454 The Hispanic Caribbean: Rhyme, Reason and Song
82-455/
456 Topics in Hispanic Studies
82-457 Contemporary Latin American Texts: Revision, Rewriting and Representation
88-383 Latin America in the New International System

Middle East

79-233 The United States and the Middle East Since 1945
79-299 US-Arab Encounters (12 units)
79-352 The Arab-Israeli Condition: War and Peace

79-397 Religion and Politics in the Middle East

Russia

79-280 Russian History from the First to the Last Tsar
79-281 Russian History: From Communism to Capitalism
79-282 The Soviet Union in World War II: Military, Political, and Social History
79-284 Family and Gender in Russian History
79-314 Nationalities and the New States of the Former USSR
79-351 The Cold War in Documents and Film
79-354 Stalin and Stalinism
82-293 Introduction to Russian Culture
82-294 Topics in Russian Language and Culture
82-296 A Century of Russian Film
82-396 The Faust Legend at Home and Abroad
82-397 Russia's Demons
82-491 Literature, Politics and Film in Russia & Eastern Europe Today
82-492 The Historical Imagination in Nineteenth-Century Russian Literature

courses taken to fulfill requirements in other major or minor programs may not be applied to the Linguistics Minor requirements (and vice versa).

76-385 Introduction to Discourse Analysis
76-389 Grammar of Standard Written English
76-411 Events
76-451 Topics in Language Study*
80-281 Language and Thought (Philosophy)
80-306 Meaning in Language
80-380 Philosophy of Language
82-280 Learning about Language Learning
82-388 Understanding Second Language Fluency
82-442 Analysis of Spoken Spanish
82-480 Social and Cognitive Aspects of Bilingualism
85-354 Language Acquisition in Infancy and Childhood
85-432 Nonverbal communicative behavior
11-511 Algorithms for Natural Language Processing
11-521 Grammars and Lexicons
11-531 Machine translation
11-541 Information Retrieval
11-552 Speech: Phonetics, Prosodics, Perception, and Synthesis

The Minor in Linguistics

Faculty Advisor: Mandy Simons
Office: Baker Hall 155E

Linguistics is the study of human language. It aims not merely to describe particular languages, but to characterize and account for the nature of language and for the human ability to learn and use it. Linguists address the phenomenon of language from a variety of perspectives. Some are concerned with the cognitive aspects of language learning, production and comprehension; some are concerned with language as a social and cultural phenomenon; others engage in the analysis of linguistic structure, some from a functional and others from a formal perspective. Some linguists are concerned with computational implementations of linguistic theory for both practical and theoretical purposes. In all cases, a central question for linguists is to understand not only the wonderful variety of the world's languages but also what these languages have in common: what it is that makes a human language human. The study of language thus contributes vitally to our understanding of human society, human culture, and human minds.

The interdepartmental Minor in Linguistics is sponsored by the departments of English, Modern Languages, Philosophy and Psychology and the Language Technologies Institute. It synthesizes the linguistics related offerings in these departments and provides students with an academic experience that reflects both the interdisciplinary character of the subject and its cross-departmental representation at CMU.

Curriculum

54 units

Linguistics Minors must complete six linguistics related courses. Of the six, three must be selected from the five core courses listed below. The remaining three courses may be selected from among any of the linguistics related courses taught in the four H&SS departments or the LTI.

Students in the minor may choose to take advantage of the full range of approaches to the study of language represented here, or may choose to focus on a particular aspect of language study. Note, however, that some of the elective courses have particular core courses as prerequisites. Students should take this into account when they select their core courses.

Core Courses

76-386 Language and Culture
80-280 Linguistic Analysis
82-383 Second Language Acquisition
85-421 Language and Thought (Psychology)
11-582 Language Technologies

Note: If more than three courses are taken from this set, the additional ones will count as electives.

Elective Courses

Students must complete three electives, of which two must be 300+ level courses. No 100 level courses are admissible as electives, with the exception of linguistics-related Freshman Seminars. A listing of possible electives is given below, but this list is not intended to be exhaustive. Other courses or seminars on linguistic topics will generally be approved for inclusion. (Students should consult with the Faculty Advisor.) Note:

* A variety of different courses are taught under this number/title. The course may be taken more than once, as long as the topic is different each time.

The Minor in Minority Studies

Faculty Advisor: Joe Trotter,
Undergraduate Advisor: Naum Kats, Office: Baker Hall 240

The word "minority" suggests issues of cultural, racial, ethnic, and linguistic diversity within a broad geographical and historical context. The term points to the problems of inequality and discrimination which are part of the experience of many minority groups in the United States, in other industrialized nations, and in the Third World. The situations that minority groups face vary with time and place; nevertheless, there are problems of power and powerlessness, and access to political and economic resources that are common to all such groups. Courses organized around the concept of "minority" emphasize issues of historical, political, theoretical, and pragmatic kinds which should be central to the definition of knowledge on a modern university campus. These issues constitute the central intellectual matter of this minor.

Courses included in the minor have as their primary focus the examination of minority-group culture, history, political strategies, and linguistic distinctiveness. Methodological and theoretical courses indicate ways in which a concern with minority groups and minority status impinge upon method and theory in a discipline or a research endeavor. Courses in the minor include primary readings that examine the experiences of one or more minority groups in an historical or contemporary context. Student assignments include written analysis of some facet of minority experience, based on appropriate use of source material and of conceptual frameworks.

NOTE: Courses taken to fulfill requirements in other major or minor programs may not be applied to the Minority Studies minor requirements (and vice versa).

Curriculum

54 units

Every student will be required to take the core course 79-113, Culture and Identity in American Society. This course is offered one semester each year, and introduces the themes, approaches and methods that are crucial for this minor. This course is followed by a selection of intermediate courses, and by an advanced seminar in which advanced techniques can be applied to a minority issue. At the intermediate level, the minor requires that at least 9 of the 36 units focus on issues of race in America. The advanced course will allow students to develop their own interest in minority studies, using the content, arguments, and methods that have been part of preceding courses.

The courses listed below are offered with at least general regularity. Participating departments, including departments in the College of Fine Arts, may subsequently develop and offer other courses that, while not listed here, are deemed appropriate for this minor. The minor faculty advisor should be consulted

(especially when the schedule of courses to be offered for a given semester becomes available) to identify such additional courses.

Core Course 9 units

79-113 Culture and Identity in American Society
or
79-201 Introduction to Anthropology

Intermediate Courses 36 units

Intermediate courses are divided into four groups (a., b., c., and d.). Students must select at least one course from group a., and the remaining three courses in any combination from groups a. through d.

a. Minority groups in the United States.

These courses look at minority groups in the United States, in terms of their own histories, encounters with the more powerful surrounding society, and strategies for maintaining a distinct cultural identity within a pluralistic society.

79-112 Race, Nationality, and Culture in American Society
79-113 Culture and Identity in American Society*
79-201 Introduction to Anthropology*
79-241 African-American History I*
79-242 African-American History II*
79-258 Introduction to African History: 18th Century to Neo-Colonialism
79-356 Introduction to African History: Earliest Times to the Origins of the Slave Trade

* Unless chosen for another course category

b. Social problems, social structures, and minority groups.

These courses focus on issues of conflict and controversy that arise from differentials of power and position among minority groups and the dominant, surrounding society. Different approaches to such conflicts are presented and critically assessed.

73-340 Labor Economics
79-253 The Development of Caribbean Culture
79-254 The Pacific Islands: History and Culture
79-290 Between Revolutions: The Development of Modern Latin America*
80-136 Social Structure, Public Policy and Ethical Dilemmas
85-241 Social Psychology

*unless chosen for another course category

c. Presentations, portrayals, and self-representations.

These courses consider minority groups from the point of view of how they present themselves, how they are portrayed by others, and the implications of such portrayals for social action and change.

76-339 Advanced Studies in Film
79-201 Introduction to Anthropology*
79-210 Picturing Others: Ethnographic Film
79-303 Visual Anthropology

*unless chosen for another course category

d. Minority groups in comparative geographical perspective.

This cluster of courses considers the problems of minority groups in specific social and cultural areas, noting the historical developments and processes of change in those areas. A comparative perspective is presented as well.

79-241 African-American History I*
79-242 African-American History II*
79-290 Between Revolutions: The Development of Modern Latin America*

*unless chosen for another course category

Advanced Course 9 units

76-4xx*

*Consult the faculty minor advisor regarding other appropriate advanced course options.

The Minor in Multimedia Production

Faculty Advisor: Robert Cavalier
Office: Baker Hall 155 C

Computers are increasingly being used to present information in non-traditional forms. Of special note is the use of computers for multimedia presentations in which text, graphics, video, and sound are combined, often in interactive formats.

Multimedia applications are expanding as information providers attempt to deliver their message via computers - educators and software developers develop video and graphics applications to supplement and enhance more traditional textual materials, businesses allow browsing and on-line ordering of their products, libraries allow the searching and perusal of their holdings, and organizations promote themselves on the Internet. In fact, multimedia applications on the Internet are so prevalent that World Wide Web addresses can be found throughout the traditional forms of communication - including print, television, and film - directing their audiences to additional, and presumably "enhanced," multimedia materials.

This Minor is specifically designed for undergraduate Liberal Arts majors (including BHA Majors). Its objective is to introduce students in these areas of study to the philosophical and technical aspects of Multimedia Authoring. The three core courses of the Minor will provide Liberal Arts students with the major issues and basic skills necessary to understand and appreciate this new aspect of communication.

Students interested in pursuing this minor must consult the faculty advisor for this minor prior to registering for any of the core courses.

Curriculum 59 units

Required Courses 45 units

15-111 Introductory/Intermediate Programming (10 units)
76-270 Writing in the Professions (9 units)
76-382 Multimedia Authoring I (9 units)
76-383 Multimedia Authoring II (9 units)
80-291 Issues in Multimedia Authoring (9 units)

Elective Courses 18 units

In general, relevant electives for the Minor in Multimedia Production will be similar to the core courses and electives of the following University Programs:

The Human-Computer Interaction Major

The Communication and Design Core of the Information Systems Major. The GSIA track in Graphic Communications Management, The Graduate Program in Entertainment Technology

With the advice and approval of the minor faculty advisor, students may propose courses other than those listed, provided they can show that these courses will enhance their knowledge of issues relating to multimedia production.

The Minor in Religious Studies

Faculty Advisor: David Miller,
Undergraduate Advisor: Naum Kats, Office: Baker Hall 240

The Religious Studies minor provides the student with a range of intellectual tools with which to think about religious ideas, behaviors and institutions. A further objective is to enable the student to build a base of knowledge which extends beyond any one particular religious tradition. The minor consists of six courses, totaling at least 54 units.

No more than 9 units of courses in the minor can be counted to also fulfill requirements for any other minor or major.

Curriculum 54 units

In addition to the general education requirements of the student's college and the requirements of the student's major, Religious Studies minors must satisfy the requirements as outlined below.

The "required" course listed below is offered regularly; the "distribution" and "elective" courses are offered with at least general regularity. Participating departments may subsequently

develop and offer other courses that, while not listed here, are deemed appropriate for this minor. The minor faculty advisor should be consulted (especially when the schedule of courses to be offered for a given semester becomes available) to identify such additional courses.

Core Course 9 units

This required course introduces a variety of methods of religious inquiry such as philosophy of religion, sociological and behavioral approaches to religion, historical analysis of religious subject matter, literary and critical analysis of religious texts, theological modes of thought, and anthropological treatments of religion.

79-259 Introduction to Religion

Distribution Requirements 18 units

Complete two courses that are not from the same disciplinary "Approaches" listed below. Each of the courses that may be chosen to fulfill this requirement takes a specific disciplinary approach to religion and deals with subject matter which is not specific to one religious tradition.

Historical Approaches

79-222 Religion and American Society
79-225 Religions of China
79-397 Religion and Politics in the Middle East

Anthropological Approaches

79-301 Ritual, Cultural and Identity

Sociological Approaches

79-388 Sociology of Religion

Philosophical Approaches

80-151 God in the West
80-276 Philosophy of Religion

Textual Approaches

79-325 Art and Religion
76-330 Medieval Literary and Cultural Studies
76-332 Renaissance and Literary and Cultural Studies

Elective Courses (minimum) 27 units

Complete courses totaling at least 27 units. In addition to the Carnegie Mellon courses listed below, electives may be chosen from among any of the courses listed above under "Distribution requirements" that were not used to fulfill that requirement.

66-301 Science and Christianity
79-219 The Holocaust in Historical Perspective
79-220 Early Christianity
79-221 Christendom Divided: The Protestant and Catholic Reformations, 1450-1650

Students may cross-register for relevant electives at other Pittsburgh institutions with the permission of the faculty advisor for the religious studies minor.

The Minor in Russian Studies

Faculty Advisor: Charlene Castellano, Department of Modern Languages Program Office: Baker Hall 160

The relationship between Russia and the West has been central to the history of the twentieth century, influencing politics throughout the globe. The rise in fascism, World War II, the Cold War, revolutions in Cuba, Korea, China and Vietnam, and decolonization struggles in Africa cannot be understood apart from Russian influence. The study of Russia is thus central to our understanding of the present world order and international relations. The disintegration of the USSR, the emergence of more democratic forms of government, and the development of new "free market" economies have led not only to greater openness and stronger ties with the West, but also to a host of new questions in the areas of business, science, technology, national defense and international security. The end of the Cold War allows for exploration of new issues in fascinating ways that were formerly forbidden. The proliferation of exchange programs, the increased accessibility of libraries, archives, and information, and the development of a free press all open untried and exciting possibilities and opportunities for students and scholars. Young,

talented people with a broadly-based knowledge of Russian history, language and culture are needed to fill jobs in international law, education, diplomacy, business, journalism and computing, as well as in economic, scientific and technical consulting. The Russian Studies Program aims to give students a solid background in the fields of Russian history, language, culture and politics, by offering a major and minor specialization to interested students.

Russian Studies, a B.A. Program, is jointly administered by the Departments of History and Modern Languages in the College of Humanities and Social Sciences. It is designed for students from all the Carnegie Mellon undergraduate colleges. It may be taken as either a primary major, additional major, or minor.

Russian Studies Minor 78 units

The History Curriculum 18 units

For minors, there is a two course History requirement comprised of one required course and one course selected from a list of electives.

The intermediate-level History courses are generally taken in the sophomore and junior years. They provide a substantive overview of the major events and issues in Russian history and policy.

1. Core Course(s) in History 9 units

Complete one course.

79-280 Russian History from the First to the Last Tsar*
79-281 Russian History

* Both courses are recommended.

2. Required Electives in History 9 units

Complete one course. Substitutions by permission.

79-282 Soviet Union in World War II: Military and Political History
79-344 The Cold War and Beyond

The Language and Culture Curriculum 42 units

Complete the two prerequisite courses and two intermediate courses.

3. Prerequisite Courses in Modern Languages 24 units

82-191 Elementary Russian I (or demonstrated equivalent)
82-192 Elementary Russian II (or demonstrated equivalent)

4. Core Courses in Modern Languages 18 units

82-291 Intermediate Russian I
82-292 Intermediate Russian II

Should a student enter the Russian Studies Program with a demonstrated language proficiency at any of these "Intermediate" levels, the required total of 18 units is reached by selecting from among the advanced language options appearing below in the list of "Required Electives". Advanced language options include "Advanced Russian I", "Advanced Russian II" and "Special Topics: Russian", as well as subject-oriented language supplements to existing courses (taught in English) in a variety of fields. Thus students can add a language supplement (3 units) to selected 9-unit electives, earning a total of 12 units for the language-supplemented course.

5. Required Electives 18 units

Complete two courses.

History

79-205 20th Century Europe: Collapse and Renewal
79-231 American Foreign Policy: 1945-Present
79-280 Russian History from the First to the Last Tsar*
79-281 Modern Soviet History: From Communism to Capitalism
79-282 Soviet Union in World War II: Military and Political History
79-344 The Cold War and Beyond

Modern Languages

82-392	Advanced Russian II
82-396	The Faust Legend at Home and Abroad
82-397	Russia's Demons
82-399	Special Topics: Russian
82-491	Literature, Politics and Film in Russia & Eastern Europe Today
82-492	The Historical Imagination in Nineteenth-Century Russian Literature
82-493	Joseph Brodsky in Context

New courses will be added as appropriate.

6. Study Abroad

Students in both the major and minor programs are encouraged to spend a semester or summer in Russia via an approved exchange program. Many exchange programs offer instruction in Russian language, history, literature, and culture, in internationally recognized universities. They also offer travel to ancient sites and cities, visits to museums, palaces, exhibitions, and monuments, and the opportunity to live with a Russian host family. Scholarship monies are frequently available.

The Minor in Science, Technology and Society

Faculty Advisor: Jay Aronson,
Undergraduate Advisor: Naum Kats
Office: Baker Hall 240

This minor provides varied perspectives on the development and meaning of science and technology in modern society. The core courses provide for the exploration of the philosophical underpinnings, cultural and historical contexts, and economic and literary assessments of the interplay among science, technology and society. Elective courses allow students to pursue more deeply subjects and approaches that build on both core courses and students' primary majors.

Courses taken to fulfill requirements in other major or minor programs may not be applied to this minor and vice versa.

Curriculum 54 units

Core Courses 27 units

Complete one course from each of Areas 1, 2 and 3. For a listing of approved courses, consult the description of the Minor in Science, Technology and Society on the College of Humanities and Social Science's webpage (<http://www.hss.cmu.edu/index.html>), or contact the Faculty Advisor directly at aronson@andrew.cmu.edu.

Area 1. Language and Rhetoric in Science and Technology

Area 2. History, Philosophy and Social Studies of Science and Technology

Area 3. Disciplines, Practices, Economics and Constituencies in Science and Technology

Electives 27 units

Complete three courses from the approved list of elective courses. Courses listed in Areas 1,2 and 3 may also be taken as electives if not already completed for an Area requirement. For a listing of approved courses, consult the description of the Minor in Science, Technology and Society on the College of Humanities and Social Sciences' webpage (<http://www.hss.cmu.edu/index.html>), or contact the faculty advisor directly at aronson@andrew.cmu.edu.

The Minor in Sociology

Faculty Advisor, Roberto Weber
Program Advisor, Connie Angermeier
Office: Porter Hall 208A

The Sociology minor provides the student with a solid introduction to the central concepts in sociological theory and a grounding in the methods of empirical inquiry needed to understand societies, their histories, and how they change over time. Students choose among selected topics including social

psychology, work and organizations, social networks, technology and society, medical sociology, and gender and family. Exposure to these topics will help students understand and appreciate the processes by which families, groups, and organizations form and evolve over time; by which individuals affect and are affected by the society in which they live; and by which technology and institutions shape and influence society. This background in empirical tools and social theory will strengthen students' ability to enter graduate studies in sociology, social history, social science, and organizational theory; to begin professional careers involving social analysis, network analysis, data analysis of teams, groups and organizations, social analysis within journalism, political institutions, the government; and to enter the corporate environment with a thorough understanding of organizational activity.

Curriculum 54 units

In addition to the general education requirements of the student's college and the requirements of the student's major, Sociology minors must satisfy the following requirements. The Core courses comprise 18 units of the minor. One course is taken from the Organizations cluster, and one course is taken from the Methodology cluster. The Elective courses comprise 36 units of the minor. Sociology minors should consult with the program advisor to plan a course schedule prior to registration.

NOTE: The core courses are offered regularly; the elective courses are offered with at least general regularity. Participating departments may subsequently develop and offer other courses that, while not listed here, are deemed appropriate for this minor. The program advisor should be consulted (especially when the schedule of courses to be offered for a given semester becomes available) to identify such additional courses.

Core Courses 18 units

a. Organizations

Complete one course.

70-311	Organizational Behavior
88-260	Organizations

b. Methodology

Complete one course.

36-202	Statistical Methods
70-208	Regression Analysis
85-340	Research Methods in Social Psychology
88-251	Empirical Research Methods

Elective Courses 36 units

Complete four courses from the following list. Two courses (18 units) must be taken from one category to complete the depth requirement. One course (9 units) must be taken from the other category. The remaining course (9 units) may be taken from either category. Appropriate courses offered by the Department of Sociology at the University of Pittsburgh (available during the academic year through cross-registration) may also be included as part of this option. Contact the Sociology faculty advisor for more information.

1. Sociology of Gender, Family, and Culture

66-250	Introduction to Religion
70-342	Managing Across Cultures
79-270	Chinese Culture and Society
79-309	The Politics of American Military Recruitment: Historical Perspective
79-320	Women and Power
79-329	Sex Population and Birth Control
79-338	Childhood, Education and Social Reform in American History
79-359	History of African-American Families
79-374	Women in Modern India
79-375	Children In America
79-379	Women in American History
79-382	African-American Women in US History
79-384	Medicine & Society
80-230	Ethical Theory

80-245	Medical Ethics
80-342	Ethics and Oppression
85-241	Social Psychology
85-446	Psychology of Gender
88-356	Rational Choice

2. Sociology of Work, Organizations, and Technology

70-332	Business, Society, and Ethics
70-414	Technology-Based Entrepreneurship
79-230	Technology in American Society
80-300	Minds, Machines, and Knowledge
88-222	Policy Analysis III
88-341	Organizational Communication
88-347	Complex Technological Systems

Note: Some courses have additional prerequisites.

The Minor in Global Systems and Management

Faculty Advisor: Steve Pajewski, sp4g@andrew.cmu.edu

Office: PH 100B

This minor is intended for students wishing to develop skills essential for participating in emerging opportunities in global business systems, systems development, product development and global project management. The minor exposes students to contemporary issues and practices facing organizations, managers and individuals working on a global scale across political, cultural and temporal boundaries. The minor presents an opportunity for students to learn about being part of a global organization that has optimized the geographic locations for completing all its work. Graduates across all disciplines are increasingly likely to find themselves working as part of a global development team on a wide variety of business, consumer, and intellectual products and services. Students will learn about global project management, outsourcing and cross-cultural communications from theoretical and practical viewpoints. An organized elective structure enables students to tailor the minor reflect their specific interests.

Curriculum 54 units

The Minor in Global Systems and Management is offered jointly across the departments and programs of the College of Humanities and Social Sciences with participation from the Tepper School of Business. The minor is administered by the H&SS Information Systems program. The minor requires that students complete a series of three core courses. The core IS courses do not require prerequisites, the other core courses have minimal prerequisites, and all are offered at least once per year. In addition, minors are required to take at least one course in Communications, one or two courses in Humanities, Heritage and Culture and one or two courses in International Management.

Students are encouraged to complete a semester of study abroad. A wide variety of courses completed at appropriate foreign institutions as part of semester abroad can be substituted for the third core course requirement (76-442, 76-483 or 85-375). The minor faculty advisor should be consulted before embarking on the semester of study abroad to identify an appropriate course or courses at the foreign institution that can be used to provide a substitute for the minor requirement.

Courses taken to fulfill requirements in other major or minor programs may not be applied to the Global Systems and Management minor.

NOTE: The courses listed below appear to be offered with at least general regularity. Participating departments may subsequently develop and offer other courses that, while not listed here, are deemed appropriate for this minor. The minor faculty advisor should be consulted (especially when the schedule of courses to be offered for a given semester becomes available) to identify such additional courses. Additionally, students may develop and submit to the faculty advisor customized plans that substantially meet the requirements of this

minor while allowing the student a personally-crafted learning experience. Proposals should generally be developed no later than the sophomore year, and the minor program started no later than junior year. Proposals will be evaluated for clarity of focus, coherence and depth in areas related to global project development and viability within the context of the College and university. Approval must be obtained prior to embarking on a customized course of study.

Required Courses 18 units

Complete three courses.

67-325	Global Systems Delivery Models (6 units)
67-326	Global Project Management (3 units)

One of the following *:

76-386	Language and Culture
76-442	Communication across Cultures
85-375	Cross Cultural Psychology

*Course may be substituted with an approved course(s) completed as part of a semester abroad. The course taken to fulfill this requirement can only be counted once toward completion of the minor.

Communications 9 units

Complete one course.

76-270	Writing for the Professions
76-318	Communicating in the Global Marketplace
76-386	Language and Culture
76-442	Communication across Cultures

Humanities, Heritage and Culture 9-18 units

Complete courses totaling 9-18 units (generally 1 or 2 courses).

79-270	Chinese Culture and Society
79-271	Modern China
79-288	Latin America and the United States from Alamo to Drug Wars
79-289	Society and Culture in South Asia
79-290	Between Revolutions: The Emergence of Modern Latin America: 1789-1917
79-350	Theories of International Relations
79-374	Women in Modern India
79-386	The Global Environment: Historical Perspectives and Policy Dilemmas
79-440	The Rise of Industrial Research and Development
82-304	The Francophone World
82-323	Germany, Austria and Switzerland in the 20 th Century
82-333	Introduction to Chinese Language and Culture
82-383	Introduction to Second Language Acquisition
82-433	Topics in Contemporary Culture in China
82-480	Social and Cognitive Aspects of Bilingualism
82-487	On Writing in a Second Language
85-375	Cross Cultural Psychology

International Management 9-18 units

Complete courses totaling 9-18 units (generally 1 or 2 courses).

70-342	Managing Across Cultures
70-365	International Trade and International Law
70-430	International Management
70-480	International Marketing
73-371	International Trade and Economic Development
73-372	International Money and Finance
88-326	International Relations
88-327	Politics of Economic Development
88-352/	
79-346	International Environmental Law and Policy
88-359	Globalization
88-378	International Economics

