

Certificate Programs

Certificates

Certificate Programs are structured combinations of courses with a common base of interest from one or more disciplines into an area of concentration.

Successful completion of a Certificate Program is entered on the student's transcript and records. Two types of certificates are awarded:

Academic Certificate

Awarded by an academic unit to a student at the time of awarding a bachelor's degree; or upon completion of the appropriate coursework to a student who already has a bachelor's degree.

An academic certificate shall not be awarded to a student who does not possess either a bachelor's degree or does not complete a bachelor's degree program. An academic certificate, to the greatest extent possible, is to be interdisciplinary in nature.

Professional Certificate

Awarded by an academic unit to an individual who completes the appropriate coursework in the area of concentration. The professional certificate does not need to be interdisciplinary or associated with a degree program. For details and course requirements, refer to the appropriate certificate director or academic department.

Academic Certificates in:

- Actuarial Studies
- African and African Diaspora Studies
- Agroecology
- American Studies
- Ancient Mediterranean Civilization
- Asian Studies
- Asian Globalization and Latin America
- Biodiversity Conservation and Management
- Chinese Studies
- Coastal and Marine Affairs
- Comparative Immunology
- Cuban and Cuban-American Studies
- Environmental Studies
- Ethnic Studies
- European Studies
- Exile Studies
- Film Studies
- Forensic Science
- Gerontological Studies
- Japanese Studies
- Judaic Studies
- Labor Studies
- Languages and Cultures of North Africa
- Latin American and Caribbean Studies
- Law, Ethics and Society
- Linguistics Studies
- Middle East and Central Asian Studies
- National Security Studies
- Post-baccalaureate Undergraduate Premedical
- Pre-Modern Cultures
- Public Policy Studies
- South and Southeast Asia Area Studies
- Study of Sephardic and Oriental Jewry
- Study of Spirituality

Women's Studies

Professional Certificates in:

- Legal Translation and Court Interpreting
- Portuguese Interpretation Studies
- Portuguese Language and Brazilian Culture Studies
- Portuguese Translation Studies
- Professional Language
- Professional Leadership Studies
- Translation Studies
- Urban Affairs

Certificate Program in Actuarial Studies

Coordinating Committee

Hassan Zahedi, *Director, Statistics*

Julian Edward, *Mathematics*

Steve Hudson, *Mathematics*

The Certificate in Actuarial Studies is designed to provide a focus for those students who are interested in pursuing a career in the actuarial sciences. The primary emphasis of the Certificate program is on the mathematical and statistical background that forms the foundation of the work in this area.

The program is most obviously suitable for those students who are majoring in Mathematics or Statistics. It would also be valuable for those who wish eventually to enter the actuarial field, but choose to major in an allied discipline, such as Business or Computer Science. In addition, it allows access to persons in the community who are currently working in this area and wish to develop or upgrade their skills.

Upon completion of the following requirements, a student may apply for the Certificate in Actuarial Studies. The Certificate will be awarded at the time of awarding a Bachelor's degree, or upon completion of this work if the student already has a Bachelor's degree.

Statistics and Mathematics Required Courses: (20)

a) MAC 2311	Calculus I	4
b) MAC 2312	Calculus II	4
c) MAC 2313	Calculus III	4
d) MAS 3105	Linear Algebra	3
e) MAT 3930	Special Topics- Mathematics	1
f) STA 4321	Mathematical Statistics I	3
g) STA 3930	Special Topics-Statistics	1

Four options from the following list: (12)

a) STA 4322	Mathematical Statistics II	3	
b) MAD 3401	Numerical Analysis	3	
	or		
	MAD 5405	Numerical Methods	3
c) STA 4603	Mathematical Techniques of Operations Research	3	
	or		
	MAP 5236	Operations Research	3
d) STA 4234	Introduction to Regression Analysis	3	
	or		
	STA 5236	Regression Analysis	3
e) ECO 2013	Principles of Macro-Economics	3	
f) ECO 2023	Principles of Micro-Economics	3	
g) ECO 4237	Money, Interest, and Capital	3	
h) ACG 2021	Accounting for Decisions	3	
i) ACG 3024	Accounting for Managers and Investors	3	

j) FIN 3403	Financial Management	3
k) COP 2210	Introduction to Programming	3
	or	
COP 3337	Intermediate Programming	3

An overall average of 'B' (3.0 GPA) or better in the 32 semester-hours of coursework listed above, with a grade of 'C' or better in each course. A minimum of 12 of these semester-hours must be earned in courses taken at the University.

Certificate in African and African Diaspora Studies

Faculty:

Jean Muteba Rahier, Associate Professor, Global and Sociocultural Studies and Director, African and African Diaspora Studies
Pascale Bécel, Associate Professor and Chair, Modern Languages
Steven R. Blevins, Assistant Professor, English
Jean-Robert Cadély, Associate Professor, Modern Languages and African and African Diaspora Studies
John Clark, Professor, Politics and International Relations
Alexandra Cornelius-Diallo, Assistant Professor, History and African and African Diaspora Studies
Caroline Faria, Assistant Professor, Global and Sociocultural Studies
Mohamed Farouk, Associate Professor, College of Education
Véronique Helenon, Assistant Professor, History and African and African Diaspora Studies
Tometro Hopkins, Associate Professor, English
Alexander Lichtenstein, Associate Professor, History and Director, African and African Diaspora Studies Graduate Programs
Andrea Mantell-Seidel, Associate Professor, Dance and Director of Academic Programs, Latin American and Caribbean Center
Assefa Melesse, Associate Professor, Earth and Environment
April Merleaux, Assistant Professor, History
Aurora Morcillo, Associate Professor, Women's Studies and History
Roderick Paul Neumann, Professor and Chairperson, Global and Sociocultural Studies
Ulrich Oslender, Assistant Professor, Global and Sociocultural Studies
Vrushali Patil, Assistant Professor, Global and Sociocultural Studies and Women's Studies
Valerie Patterson, Clinical Associate Professor, Public Administration
Joyce Peterson, Associate Professor, History
Andrea Queeley, Assistant Professor, African and African Diaspora Studies and Global and Sociocultural Studies
Heather Russell, Associate Professor, English
Vicky Silvera, Head, Special Collection, Library
Augusto Soledade, Assistant Professor, Dance
Linda Spears-Bunton, Associate Professor, College of Education
Dionne Stephens, Assistant Professor, Psychology and African and African Diaspora Studies

Alex Stepick III, Professor, Global and Sociocultural Studies
Juan Torres-Pou, Assistant Professor, Modern Languages
Chantalle Verna, Assistant Professor, History and Politics and International Relations
Donna Weir-Soley, Associate Professor, English
Kirsten Wood, Associate Professor, History
Albert Wuaku, Assistant Professor, Religious Studies

African and African Diaspora Studies (AADS) encompass the study and research of peoples of Sub-Saharan Africa and their experiences, and on communities of the African diaspora both in continental Africa and elsewhere in the Americas, Europe, Asia, and Australia. It also involves the dissemination of knowledge about continental African peoples and diasporic Africans internationally. Housed within the College of Arts and Sciences, the African and African Diaspora Studies Certificate provides students with an interdisciplinary approach to the study of the global, economic, cultural, and historical experiences of people of African descent. The Certificate complements students' work in their major fields of study at the undergraduate level while fostering greater understanding of traditionally marginalized topics.

Thanks to the diversity of areas of research interests of the core and affiliate AADS faculty, students may choose courses that will allow them to focus more specifically on either U.S. born African Americans, Continental Africans, or communities of the African diaspora internationally. Students might also choose courses that will bring them to learn about all three or any other combination of these areas.

The Certificate places a strong emphasis on African and African diasporic cultural expressions in all their regional, temporal, and socioeconomic diversities. It offers coordinated insights into the ongoing challenges black communities face locally and internationally. It also focuses on the ways in which continental African and African diasporic communities and individuals have developed political and creative strategies for survival in the midst of, and resistance to, racism and political, economic, and social oppression.

General Requirements (15)

Students complete 15 credit hours of study from disciplines as diverse as geography, history, international relations, journalism, sociology, anthropology, literature, music and political science. The core requirement is AFA 2004 Black Popular Cultures, Global Dimensions. This required course should be taken at the start of the Certificate Program. The other 12 credits must come from each of two lists, one comprising the Arts and Humanities, and the other the Social Sciences. The program director may approve other courses upon request. Students requesting an exception must present a syllabus for the course they would like to enroll in. Not all courses are offered every semester.

Required Core Courses: (3)

AFA 2004	Black Popular Cultures, Global Dimensions
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Arts and Humanities Courses: (3-9 credits)

AFA 3153	African Civilization, Religion and Philosophy
AFA 4104	Teaching the African American Experience
AFA 4930	African and African Diaspora Studies Theory
AFA 4931	Special Topics in African and African Diaspora Studies
AFA 4933	Special Topics in Black Experience
AFA 4301	African Visual Arts
AFA 4372	Hip Hop Race, Gender & Sex
AFA 4351	Hip Hop Entrepreneurship
AFA 4370	Global Hip Hop
AFA 4340	Health in African World
AFA 4905	African and African Diaspora Studies Independent Study
AFH 4100	History of Africa I
AFH 4200	History of Africa II
AFH 4342	History of West Africa
AFH 4405	History of East Africa
AFH 4450	History of South Africa
AFS 4200	African Drum I
AFS 4201	African Drum II
AMH 4570	African American History
AMH 4571	African American History from the 17th to the late 19th Centuries
AMH 4573	African-American History from the late 19th Century to the Present
AML 2602	African American Literature
AML 4606	Studies in 19th Century African-American Literature
AML 4607	Studies in 20th Century African-American Literature
AML 4624	African American Women Writers
AML 4621	Major African American Writers
DAA 3345	Caribbean Dance
DAA 3346	Haitian Dance
DAA 3347	West African Dance
DAN 4396	Dance Ethnology
FRW 4750	Francophone Literature of Africa
FRW 4751	Francophone Literature in the Caribbean
HAI 3500	Haiti: Language and Culture
HAI 3213	Accelerated Haitian Creole
HAI 3214	Accelerated Intermediate Haitian Creole
HAI 3370	Haiti: Study Abroad
HIS 4454	The History of Racial Theory in Europe and the United States
LIN 2612	Black English
LIN 4612	Black English
LIT 4351	Major African Writers
PHI 3073	African Philosophy
REL 3139	African American Religious Movements
REL 4370	African Religions
SPT 4400	African Presence in Latin American Literature
WOH 4230	The African Diaspora and the Atlantic Slave Trade
WOH 4301	The Modern African Diaspora
Social Sciences Courses: (3-9 Credits)	
ANT 4352	African Peoples and Cultures
ANT 4396	Representations of Africa and Africans in Films

ANT 4397	African Diaspora Cultures and Performativity
CPO 3204	African Politics
CPO 4725	Comparative Genocide
ECO 4321	Radical Political Economy
GEA 3600	Population and Geography of Africa
INR 3253	International Relations of Sub-Saharan Africa
SYD 4700	Sociology of Minorities/Race and Ethnic Relations
SYD 4704	Seminar in Ethnicity

Agroecology Certificate Program

Mahadev Bhat, *Chair, Earth and Environment*

Krish Jayachandran, *Earth and Environment*

Assefa Melesse, *Earth and Environment*

Suzanne Koptur, *Biological Sciences*

Gail Hollander, *Politics and International Relations*

This interdisciplinary program is aimed at providing students with an opportunity to learn problems and issues that emerge from the interface between agriculture, natural ecosystems and urban areas. Students will gain an appreciation of how traditional agricultural production systems will influence the quality of natural ecosystems and human environment, and also what ecological and developmental pressure that agriculture comes under from the human system. The program will emphasize natural and economic services that are provided by large agricultural areas interspersed between urban and natural areas. Students will learn structural changes that are necessary within agriculture in order to make it ecologically sustainable and community supported. The program includes farm- and field-level experiential learning through internships, field demonstrations and minor experiments. This is a collaborative effort between Florida International University, US Department of Agriculture (USDA), Archbold Biological Station's MacArthur Agro-Ecology Research Center (MAERC) and Miami Dade College (MDC).

Requirements**Prescribed Courses and Other Requirements:**

The Agroecology Certificate Program requires successful completion of the following four categories of course work, with a total of 17-18 credit hours:

1. Introductory ecology requirement: Take any one of the following:

PCB 3043+L	Ecology plus Lab	4
EVR 3013+L	Ecology of South Florida	4
Other ecology equivalent with a lab		4

2. Agroecology core requirement:

EVR 4274	Sustainable Agriculture	3
EVR 4272	Agroecology	3

3. Agricultural internship or problem analysis: Take any one of the following:

EVR 4XXX	Environmental GIS	3
BSC 4914	Student Research Lab	2
BSC 4914	Student Research Lab	2
BSC 3949	Cooperative Education in Biology	2
BSC 4915L	Honors Research	2

EVR 3949	Cooperative Education in Environmental Studies	2
EVR 4905	Independent Study	2
EVR 4949	Cooperative Education in Environmental Studies	2

As part of the above courses, student must complete a farm-, field-or lab-based internship that may involve working on farms, carrying out agro-ecological field observations, carrying out agricultural science lab experiments, conducting geo-spatial modeling, or conducting agriculture-related socio-economic analysis. Student will produce a report based on the internship experience. Students also will have the option of doing internship or conducting agroecology science experiments at USDA's Agricultural Research Service, Miami and MAERC.

4. General agricultural/environmental science and social studies electives:

Take any two

EVR 4592	Soils and Ecosystems	3
EVR 3010	Introduction to Environmental Science: Energy Flows	3
EVR 3013	Ecology of South Florida	3
EVR 4XXX	Environmental GIS	3
EVR 4869L	Environmental Problem Solving	2
EVR 4026	Biotic Resources	3
EVR 4211	Water Resources	3
EVR 4310	Energy Resources	3
EVR 4321	Sustainable Resource Development	3
EVR 4323	Restoration Ecology	3
EVR 4401	Conservation Biology	3
EVR 4352	U.S. Environmental Policy	3
EVR 4415	Population and Environment	3
ECP 3302	Environmental Economics	3
ECP 4314	Natural Resource Economics	3
GEO 3510	Earth Resources	3
GEO 4476	Political Ecology	3
GEO 4354	Geography/Global Food System	3
GLY 3039	Environmental Geology	3
ENY 1004	General Entomology	3
ENY 4060	Advanced Entomology	3
MCB 3020	General Microbiology	3
MCB 3020L	General Microbiology Lab	2
MCB 4603	Microbial Ecology	3
MCB 4653	Food Microbiology	3
PCB 2061	Introductory Genetics	3
PCB 4301	Freshwater Ecology	3
MCB 2000	Introductory Microbiology	3
BOT 3014	Plant Life Histories	3
BOT 3154	Local Flora	3
BOT 3663	Tropical Botany	3
BOT 3810	Economic Botany	3
BOT 4503	Plant Physiology	3
BSC 4422	Biotechnology: Applications in Industry, Agriculture and Medicines	3
INR 3043	Population and Society	3
INR 4054	World Resources, World Order	3
INR 4350	International Environmental Politics	3

The Certificate Committee will consider other courses toward the elective requirement on a case-by-case basis. Up to two courses taken at Miami Dade College or other colleges in the relevant areas of agricultural sciences, horticulture, ecology, and environmental sciences will

count toward the ecology course requirement and general agricultural/environmental science elective requirement.

American Studies Certificate Program

Richard Olson, *Director, Politics and International Relations*

Coordinating Committee

Gisela Casines, *English*

Carol Damian, *Art History*

Kevin Hill, *Politics and International Relations*

Darden Pyron, *History*

The American Studies Certificate Program provides the opportunity for students to examine the nature of American civilization through an interdisciplinary study of American history, literature, culture, and thought. The program provides a grounding in American literature and American history, a sampling of how each discipline approaches the study of American civilization, and an opportunity to follow the approaches of political science, anthropology, philosophy, and religion. Through a seminar in American studies, students will apply the insights of the various disciplines to problems of their own choosing.

The Certificate in American Studies is awarded with a bachelor's degree, or upon completion of Certificate requirements, to a student who already possesses that degree.

Requirements

General Requirements

A total of seven courses chosen among the prescribed certification courses with a grade of 'C' or higher.

Specific Requirements

AML 2010	Survey of American Literature I	3
AML 2020	Survey of American Literature II	3

Two consecutive semesters chosen from the following:

AMH 3012	American History 1600-1763	3
AMH 2010	American History, 1607-1850	3
AMH 2020	American History, 1850 to the Present	3

Two electives chosen from the following:

ANT 3409	Anthropology of Contemporary Society	3
PHH 3700	American Philosophy	3
POT 3204	American Political Thought	3
REL 3100	Religion and Culture	3

An appropriate American Literature course.

An appropriate American History course.

Ancient Mediterranean Civilization Certificate Program

Marian Demos, *Director, MOL/Humanities*

Coordinating Committee

Gwyn Davies, *History*

Marian Demos, *Humanities*

Erik Larson, *Religious Studies*

Darden Pyron, *History*

Paul Warren, *Philosophy*

The Ancient Mediterranean Civilization Certificate Program is an eighteen credit-hour course of study intended to enable students to gain an interdisciplinary concentration in various aspects of the Ancient Mediterranean. It is designed to enhance undergraduates' understanding of the ancient Mediterranean region, primarily (but not exclusively), the cultures of Rome, Greece, and Judaea, and to complement the student's major course of study, especially in Anthropology, English, History, Humanities, Philosophy, Religious Studies, and Visual Arts.

Courses are to be chosen from the following list in consultation with the approval of an advisor. A grade of C or better is required for all courses (C- is not acceptable). This listing should be understood as a partial list. Students should consult with an advisor of the certificate program about current course offerings.

Requirements

1. All students are required to demonstrate ability in at least one Classical Language (Classical or New Testament Greek, Latin, Biblical Hebrew or other ancient language with Director's approve.

Testament Greek

GRE 1130	Classical Greek I	5
GRE 1131	Classical Greek II	5

New Testament Greek

GRE 3041	New Testament Greek II	3
GRE 3050	New Testament Greek I	3

Biblical Hebrew

HBR 3100	Biblical Hebrew I	3
HBR 3101	Biblical Hebrew II	3

Latin

LAT 1130	Latin I	5
LAT 1131	Latin II	5

2. At least 18 semester hours from the following certificate program course listing, or others approved by the certificate program advisor. Students must take one Foundation course, one course from each of three fields (Culture, History, and Religion) and two courses from any field. A maximum of 5 credits may be applied towards the certificate from language classes (see section.

Foundation Classes

HUM 3214	Ancient Classical Culture & Civilization
	or
EUH 2011	Western Civilization: Early European Civilization

Culture

HUM 3432	The Roman World
HUM 4431	The Greek World
PHH 3100	Ancient Philosophy
POT 3013	Ancient and Medieval Political Thought
ARH 3210	Early Christian and Byzantine Art
ARH 4131	Greek Art
ARH 4151	Roman Art

History

EUH 3400	Greek History
EUH 3411	Ancient Rome
EUH 4300	Byzantine History

EUH 4401	History of Fifth Century Greece
EUH 4408	Age of Alexander the Great

Religion

REL 3209	The Dead Sea Scrolls
REL 3220	Moses, Priests and Prophets
REL 3250	Jesus and the Early Christians
REL 3270	Biblical Theology
REL 3280	Biblical Archaeology
REL 3320	Moses, Jesus, Muhammed
REL 3325	Religions of Classical Mythology
REL 3510	Early Christianity
REL 3551	Mary and Jesus
REL 3625	Introduction to Talmud
REL 4224	The Prophets and Israel
REL 4251	Jesus and Paul
REL 5614	Ancient Judaism

Language

GRE 1130	Classical Greek I
GRE 1131	Classical Greek II
GRE 2200	Intermediate Classical Greek
GRE 3041	New Testament Greek II
GRE 3050	New Testament Greek I
GRW 3210	Greek Prose Writers
HBR 3100	Biblical Hebrew I
HBR 3101	Biblical Hebrew II
LAT 1130	Latin I
LAT 1131	Latin II
LAT 2200	Intermediate Latin
LAT 3202	Latin Prose Writers

Asian Studies Certificate Program

Steven Heine, *Director, Asian Studies*

Coordinating Committee

Pascale Becel, *Modern Languages*

Nathan Katz, *Religious Studies*

Naoko Komura, *Modern Languages*

Paul Kowert, *Politics and International Relations*

Li Ma, *Modern Languages*

Matthew Marr, *Global and Sociocultural Studies*

Asuka Mashav, *Modern Languages*

Eric Messersmith, *Asian Studies*

The certificate in Asian studies provides students with a rich learning experience about a fascinating and increasingly important region of the world, and is intended to enhance the student's competitiveness upon graduation. The program provides a multidisciplinary approach covering the philosophy, religion, art history, language and literature of Asia as well as issues in history, politics, geography, sociology/anthropology, and international relations.

Asian Studies offers courses in humanities/fine arts and social sciences/professions that cover the regions of East, South, and Central Asia, as well as pan-regional or comparative studies.

Requirements

The Asian Studies certificate requires a total of eighteen credits and includes the following:

- a) Two semesters or equivalent of an Asian language (e.g. Chinese or Japanese); six credits of language courses may be applied to the certificate.

- b) 18 credits from the coursework listed below to be chosen with the approval of the Director with a "C" or better, with at least 3 credits in Humanities/Fine Arts or Social Sciences/Professions; in addition to the courses listed here, relevant special topics, area studies, or comparative studies courses may also be applied. **These courses represent a partial list; students should consult with an advisor for the certificate program about current course offerings and a full list of courses accepted for the certificate.**

Humanities/Fine Arts (at least 3 credits)

AMH 4544	The United States and the Vietnam War
AML 4930	American Writers and the Orient
ARH 4552	Art of China and Japan
ASN 4510	Dynamics of Asia
COM 3410	Culture Communication Patterns of Asia
PHH 3810	Philosophy of Buddhism
PHH 3840	Indian Philosophy
PHI 3762	Eastern Philosophy and Religious Thought
PHP 3840	Chinese & Japanese Philosophy
REL 3027	Meditations and Mystical Traditions
REL 3313	Sources of Modern Asian Society
REL 3314	Religions of the Silk Road
REL 3330	Religions of India
REL 3028	Sacred Places, Sacred Travels
REL 4311	Religious Classics of Asia
REL 4312	Jews of Asia
REL 3340	Survey of Buddhism
REL 4345	Zen Buddhism
REL 4351	Religion and Japanese Culture
SPW 4133	Eastern Thought and Latin America Literature

Language Courses (at least 3 credits)

CHI 1130	Chinese I
CHI 1131	Chinese II
CHI 2200	Intermediate Chinese
CHI 3440	Business Chinese
JPN 1130	Japanese I
JPN 1131	Japanese II
JPN 2200	Intermediate Japanese
JPN 4930	Special Topics: Intermediate Japanese Conversation
JPN 3140	Japanese for Business
JPN 4930	Special Topics: Japanese IV
JPN 3500	Japanese Culture and Society

Social Sciences/Professions (at least 3 credits)

ARC 4754	Asian and African Architecture
CPO 3502	Politics of the Far East
CPO 4541	Politics of China
CPO 4553	Politics of Japan
ECS 3003	Comparative Economic Systems
ECS 3200	Economics of Asia
EDF 4954	Arts Education Abroad in China
EVR 3402	Asian Environmental Issues
FIN 3652	Asian Financial Markets & Institutions
GEA 3554	Geography of Russia and Central Eurasia
INR 3223	Japan and the United States
INR 3224	International Relations of East Asia
INR 3226	International Relations of Central Asia and The Caucasus

INR 4232	International Relations of China
INR 4032	Asia and Latin America In World Affairs
INR 4082	Islam in International Relations
SYD 3650	Sociology of Gender and Power in Asia

Study Abroad

Students are encouraged to earn credits through a study abroad (summer travel) or student exchange (one or two semesters travel) program with a university in Asia. Several programs are offered. Students may earn three to six credits for study abroad and up to fifteen credits for student exchange. Please inquire with the Director or with the Office of Education Abroad about international programs.

For more information, contact the Asian Studies office, SIPA 505. Email: asian@fiu.edu; phone: (305) 348-1914; website: <http://asian.fiu.edu>.

Asian Globalization and Latin America Certificate

Steven Heine, *Director, Asian Studies*

Coordinating Committee

Orlando Garcia, *Music*

Andrea Mantell-Seidel, *Religious Studies*

Matthew Marr, *Global and Sociocultural Studies*

Asuka Mashav, *Modern Languages*

Ana Roca, *Project Co-Director, Modern Languages*

Richard Tardanico, *Global and Sociocultural Studies*

Juan Torres-Pou, *Modern Languages*

Maida Watson, *Modern Languages*

The Asian Globalization and Latin America Certificate is an eighteen credit course of study designed to offer both pre and post-baccalaureate students as well as degree-seeking students specializing in various disciplines with regards to the Globalization of Asia and Latin America.

The certificate focuses on the language and culture of both Asia and Latin America (specifically Chinese, Japanese, Portuguese and Spanish), while allowing the student to specialize in such fields as Anthropology, Business, Dance, Fine Arts, History, International Relations, Music, Philosophy, and Religion as related to the regions. Students may apply towards the certificate up to 6 credits of language instruction from language courses taken at FIU or from study abroad (see advisors).

For all students, the certificate represents a way to gain specialized knowledge of integrative, transregional issues in relation to Asia and Latin America. For students pursuing a degree, the certificate should be understood as a complement to the student's major area of study. Non-degree seeking students can use the certificate as a demonstration of their understanding of the regions and their global phenomena through language, culture and other areas.

Prescribed Courses and Other Requirements

Students are required to take 18 credits. Courses are to be chosen from the following list in consultation with and approval of the advisor. A grade of 'C' or better is required for all courses (C- is not acceptable). **These courses represent a partial list; students should consult with**

an advisor for the certificate program about current course offerings and a full list of courses accepted for the certificate.

1. Language (6 credits)

All students are required to demonstrate proficiency (two semesters) in one language group and familiarity (one semester) in the other. Students already demonstrating proficiency in an Asian or Latin American language may be exempt from this requirement. This requirement may be satisfied through examination (see advisors), course work, or by completing one of the following sequences:

Group A: Chinese & Japanese:

CHI 3132	Chinese I	5
CHI 3133	Chinese II	5
CHI 3202	Intermediate Chinese	3
JPN 1130	Japanese I	5
JPN 1131	Japanese II	5
JPN 2200	Intermediate Japanese	3

Group B: Portuguese & Spanish:

POR 1130	Portuguese I	5
POR 1131	Portuguese II	5
POR 2200	Intermediate Portuguese	3
	or	
POR 3202	Accelerated Portuguese I	5
POR 3233	Accelerated Portuguese II	5
SPN 1130	Spanish I	5
SPN 1131	Spanish II	5
SPN 2200	Intermediate Spanish	3

2. Area Studies (12 credits)

Courses are to be chosen from the following certificate program course listing, or others approved by the certificate program advisor. Students must take courses distributed across three regional areas: A) Asian Studies; B) Latin America Studies; and C) Global Studies.

Area A: Asian Studies Courses (6 credits)

A minimum of 6 credit-hours must be taken from this list. The following core courses fulfill certificate requirements. **These courses represent a partial list; students should consult with an advisor for the certificate program about current course offerings and a full list of courses accepted for the certificate.** A maximum of two tutorial or Independent Study courses may be taken only with professors whose area of research is Asian Studies, and only with approval from the advisor.

AMH 4544	The United States and the Vietnam War
ANT 4328	Area Studies: Asia or Southeastern Asia and China
ARH 4552	Art of China and Japan
ASH 3440	History of Japan
COM 3410	Cultural Communication Patterns in Asia
CPO 3502	Politics of the Far East
CPO 4541	Politics of China
CPO 4553	Government and Politics in Japan
ECS 3200	Economics of Asia
EVR 4276	Asian Environmental Issues
INR 4773	Asia & Latin America in World Affairs
INR 3223	Japan & the United States
INR 3224	International Relations of East Asia
INR 4232	International Relations of China
JPN 3500	Japanese Culture and Calligraphy
PHH 3810	Philosophy of Buddhism
PHH 3840	Indian Philosophy

PHI 3762	Eastern Philosophical and Religious Thought
PHP 3840	Chinese and Japanese Philosophy
REL 3330	Religions of India
REL 4311	Religious Classics of Asia
REL 4312	Jews of Asia
REL 3340	Survey of Buddhism
REL 4345	Zen Buddhism
SYO 4550	Comparative Sociology [Asia & Latin America]
SYD 4610	Area Studies: Social Structure and Problems

Area B : Latin American Studies Courses (3 credits)

A minimum of 3 credits must be taken from this list. The following core courses fulfill certificate requirements.

These courses represent a partial list; students should consult with an advisor for the certificate program about current course offerings and a full list of courses accepted for the certificate. Independent

Study courses may be taken only with professors whose area of research is Asian Studies, and only with approval from the advisor.

ANT 3780	Anthropology of Brazil
ANT 4164	Inca Civilization
ANT 4324	Mexico
ANT 4328	Maya Civilization
ANT 4330	Contemporary Maya Cultures
ANT 4332	Latin America
ANT 4334	Contemporary Latin American Women
ANT 4340	Cultures of the Caribbean
ANT 4343	Cuban Culture and Society
ARH 4670	20th Century Latin American Art
CPO 3304	Politics of Latin America
CPO 4340	Politics of Mexico
CPO 4323	Politics of the Caribbean
CPO 4303	Politics of South America
DAA 3395	Cultural Dance Forms (Afro-Brazilian Dance)
ECS 3401	The Brazilian Economy
ECS 3402	The Political Economy of South America
ECS 3403	Economics of Latin America
ECS 3404	Economic Integration: Latin America
ECS 3430	Economic Development of Cuba
ECS 3431	Economics of the Caribbean Basin
ECS 3432	Economic Integration: Caribbean
EVR 5065	Ecology of Costa Rican Rainforest
EVR 5066	Ecology of the Amazon Flooded Forest
GEA 3400	Population & Geography of Latin America
GEA 3320	Population & Geography of the Caribbean
INR 3425	International Relations of Latin America
INR 3246	International Relations of the Caribbean
LAH 2020	Latin American Civilization
LAH 3132	The Formation of Latin America
LAH 3200	Latin America: The National Period
LAH 3450	Central America
LAH 3740	Comparative History of Latin American Rebellions
LAH 4433	Modern Mexico
LAH 4482	Cuba: 18th-20th Centuries
LAH 4600	History of Brazil
LAH 4720	Family & Land in Latin America
LAH 4721	History of Women in Latin America

LAH 4750	Law & Society in Latin America	MUH 3514	Music of the World
MUH 3061	Music of Mexico and Central America	REL 3027	Meditation and Mystical Traditions
MUH 3062	Music of the Caribbean	REL 3028	Sacred Places, Sacred Travels
MUH 3541	Music of Latin America: Folklore & Beyond	REL 3123	Asian Religions in the Americas
PHH 3042	Latin American Philosophy	REL 3314	Religions of the Silk Roads
POR 3500	Luso-Brazilian Culture	REL 3170	Ethics in World Religions
POW 4930	Special Topics: Brazilian Literature	REL 3308	Studies in World Religions
POW 4390	Brazilian Cinema	SPW 3130	Introduction to Spanish American Literature
REL 4481	Contemporary Latin American Religious Thought	SPW 4470	Eastern Cultures and Travel Writing in Spanish Literature
SPN 4520	Spanish American Culture	SSE 4380	Developing a Global Perspective
SPW 3371	Latin American Short Story	SYO 4550	Comparative Sociology [Asia & Latin America]
SPW 3520	Prose & Society	SYD 4610	Area Studies: Social Structures & Problems
SPW 4364	Spanish American Essay	SYD 4700	Minorities
SYO 4550	Comparative Sociology [Asia & Latin America]	SYP 4441	Sociology of World Development
SYD 4630	Latin American and Caribbean Social Structure	SYP 4454	Globalization and Society

Area C: Comparative & Global Studies Courses (3 credits)

A minimum of 3 credits must be taken from this list. The following core courses fulfill certificate requirements. **These courses represent a partial list; students should consult with an advisor for the certificate program about current course offerings and a full list of courses accepted for the certificate.** A maximum of two tutorial or Independent Study courses may be taken only with professors whose area of research is Asian Studies, and only with approval from the advisor.

ACG 4251	International Accounting
ANT 3403	Cultural Ecology
ANT 4306	The Third World
CPO 3403	Politics of the Middle East
CPO 4053	Political Repression & Human Rights
DAN 4396	Dance Ethnology Visual Arts
EVR 4128	Global Perspectives of Emerging Infectious Diseases
ECS 3704	International Economics
ECO 4703	International Trade Theory & Policy
ECO 4713	International Macroeconomics
ECO 4733	Multinational Corporations
ECO 4701	World Economy
ECS 3003	Comparative Economic Systems
ECS 3013	Introduction to Economic Development
EIN 4129	Global Manufacturing & Production Operations Management
FIN 4604	International Finance
FIN 4634	International Banking
HUM 4491	Cultural Heritage & Cultural Changes
INR 3081	Contemporary International Problems
CPO 4726	Ethnicity and Nationalism
INR 4044	World Population Problems
INR 4054	World Resources & World Order
LIN 4931	Bilingualism: Heritage Languages in North America
LBS 4653	Labor Movements in Developing Countries
MAN 4602	International Business
MAN 4600	International Management
MAN 4610	International and Comparative Industrial Relations
MAR 4144	Export Marketing
MAR 4156	International Marketing

The Certificate in Asian Globalization and Latin America requires study in three different regional areas. These fields represent courses in Language & Literature, Philosophy & Religion, Sociology & Anthropology and Environmental Studies, History, Political Science and International Relations & Geography, Economics & Finance, and Fine Arts. All courses acceptable towards the certificate deal with some aspect of Asia, Latin America, and/or transregional issues. The combination of courses allows for the student to gain broad-based, multidisciplinary expertise within a specialization on Asian globalization and Latin America.

For more information, contact the Asian Studies office, SIPA 505. Email: asian@fiu.edu; phone: (305) 348-1914; website: <http://asian.fiu.edu>.

Biodiversity Conservation and Management Certificate Program

Joel Heinen, *Director, Earth and Environment*

The Undergraduate Certificate in Biodiversity Conservation and Management draws on areas of strength within the Department of Earth and Environment and the Department of Biological Sciences (College of Arts and Sciences) to provide students with specialized knowledge about managing and conserving the earth's biological resources. It is designed for students who seek careers in agencies that manage and conserve biological resources, for people in the private sector who seek specialized knowledge in this area, for educators seeking advanced training, or for others interested in the topic. The certificate is managed by the Department of Earth and Environment and the Biodiversity and Conservation Certificate Committee.

Admission Requirements

Students must be enrolled in, or have an earned bachelor's degree with a minimum of a 2.00. Students should have completed a minimum of 2 courses in general biology and one course in ecology as a prerequisite to the program.

Program Requirements

Students are required to take 18 credit hours of course work outlined below. Other related courses may be approved subject to consideration by the program director and committee on a case by case basis.

1. Foundational

EVR 4401 Conservation Biology 3

2. Biological Conservation Sciences 9 credits total

Take three courses from this list:

BOT 4401 Plant Conservation Biology 3
 EVR 4323 Restoration Ecology 3
 EVR 4272 Agroecology 3
 OCB 4070 Coastal Marine Conservation 3
 EVR 4xxx Invasive Species Ecology and Management 3
 EVR 4592 Soils and Ecosystems 3
 PCB 4452 Introduction to Wetland Ecology and Management 3

3. Integrated Biological Resources Management 6 credits total

Take two courses from this list:

EVR 4274 Sustainable Agriculture 3
 EVR 4026 Ecology of Biotic Resources 3
 EVR 4411 Human Organizations and Ecosystem Management 3
 PCB 4467C Marine Protected Areas 1-4
 BOT 3810 Economic Botany 3

Chinese Studies Certificate Program

Steven Heine, *Director, Asian Studies*

Coordinating Committee

Thomas Breslin, *Politics and International Relations*

David Chang, *Art Education*

Li Ma, *Assistant Director, Chinese Cultural Programs*

Julie Zeng, *Politics and International Relations*

This certificate program offers an 18-credit sequence of courses and is intended to provide students with a rich learning experience about a fascinating and increasingly important region of the world, and is intended to enhance the student's competitiveness upon graduation. The program focuses on language studies requiring two years of Chinese and provides a multidisciplinary approach covering the philosophy, religion, art history, and literature of China as well as issues in history, politics, geography, sociology/anthropology, and international relations.

Requirements

Language Requirement: (up to 12 credits)

Students are required to obtain two years or equivalent of Chinese language.

Elective Courses: (6 credits)

All students are to choose from the courses listed below with the approval of the Director with a "C" or better. Students may select ASN 4911 for 1-6 credits of Independent Study. **These courses represent a partial list; students should consult with an advisor for the certificate program about current course offerings and a full list of courses accepted for the certificate.**

Humanities/Fine Arts

AML 4930 American Writers and the Orient
 ARH 4552 Art of China and Japan
 ASN 4510 Dynamics of Asia
 EDF 4954 Arts Education Abroad in China
 ASH 4300 East Asia Civilization
 ASH 4384 History of Women in Asia
 ASH 4404 History of China
 LIT 3930 Asian Film and Literature
 PET 3403 Introduction to Martial Arts
 PHI 3762 Eastern Philosophical and Religious Thought
 PHP 3840 Chinese and Japanese Philosophy
 REL 3340 Survey of Buddhism
 REL 4345 Zen Buddhism
 ASN 3042 Asian Religions and Arts
 ASN 3403 Zen and the Art of Tea Ceremony

Social Sciences/Professions

ARC 4754 Asian and African Architecture
 CHI 3440 Chinese for Business
 CPO 3502 Politics of the Far East
 CPO 4541 Politics of China
 ECS 3003 Comparative Economic Systems
 ECS 3200 Economics of Asia
 EVR 3402 Asian Environmental Issues
 FIN 3652 Asian Financial Markets and Institutions
 HFT 4955 China Field Study Abroad
 INR 3224 International Relations of East Asia
 INR 4232 International Relations of China
 MAN 4600 International Management
 SYD 3650 Gender and Power in Asia
 SYD 4610 Sociology of Asia

In addition to the courses listed here, relevant special topics, study abroad credits, area studies or comparative studies courses may also be applied. Students are encouraged to earn credits through study abroad in China or through internships.

For more information, contact the Asian Studies office, SIPA 505. Email: asian@fiu.edu; phone: (305) 348-1914; website: <http://asian.fiu.edu>.

Coastal and Marine Affairs Certificate Program

Peter Craumer, *Director, Global and Sociocultural Studies*

Coordinating Committee

John Berry, *Chemistry and Biochemistry*

Hugh Gladwin, *Global and Sociocultural Studies*

Bruce Harvey, *English*

Michael Heithaus, *Biological Sciences*

Diann Newman, *Hospitality Management*

Juliet Pinto, *Journalism*

The purpose of the certificate in Coastal and Marine Affairs is to provide students with a broad multidisciplinary approach to the subject that includes courses not only from the sciences, but also the social sciences, humanities, arts, and the professional schools. In addition to the courses listed below, new courses are being added to support this theme as the Biscayne Bay Campus develops a new coastal environmental focus. Students should consult with the certificate director to

identify new courses which may also be used to satisfy these requirements.

Course Requirements

The certificate requires a total of 18 credit hours, from the following list:

Core Science courses: (at least 3 credits)

OCB 2003	Introductory Marine Biology	3
OCB 2003L	Introductory Marine Biology Lab	1
OCB 3043	Marine Biology and Oceanography	3
OCB 3043L	Marine Biology and Oceanography Lab	1
OCE 2001	Introduction to Oceanography	3
OCE 3014	Oceanography	3
OCE 3014L	Oceanography Lab	1
OCP 3002	Physical Oceanography	3

Core Policy and Law Courses: (at least 3 credits)

EVR 4356	Coastal and Marine Environmental Policy	3
HFT 3692	Ocean and Coastal Law for the Hospitality Industry	3
INR 4412	International Law of the Sea	3

Other Primary Courses: (at least 3 credits)

ANT 4305	Coastal Cultures	3
ART 3843	Land Art/Earth Art and Coastal Environment	3
ENC 3363	Writing About the Environment	3
LIT 4606	Literature of the Sea	3
LIT 4444	The South Seas in Fiction, Film and Culture	3
HFT 4708	Coastal and Marine Tourism	3
OCB 3264	Biology of Coral Reefs	3
OCB 4303	Biology of Marine Mammals	3
OCB 4070	Coastal Marine Conservation	3

Electives: (from 0 to 6 credits)

EVR 1001	Introduction to Environmental Sciences	3
EVR 1001L	Introduction to Environmental Sciences Lab	1
EVR 1017	Global Environment and Society	3
EVR 3013	Ecology of South Florida	3
EVR 3013L	Ecology of South Florida Lab	1
GEA 2000	World Regional Geography	3
GLY 1010	Introduction to Earth Science	3
GLY 1010L	Introduction to Earth Science Lab	1
HFT 3701	Sustainable Tourism Practices	3
HFT 3770	Cruise Line Operations and Management	3
JOU 3314	Environmental Journalism	3
PHI 3640	Environmental Ethics	3
SOP 4712	Environmental Psychology	3

No more than 9 credits total in biology, chemistry, and earth sciences may be used to satisfy the certificate requirements.

Courses that are not on this list may be substituted with permission of the certificate director.

Comparative Immunology Certificate Program

Charles H. Bigger, *Director, Biological Sciences*

Coordinating Committee
Sylvia Smith, *Biological Sciences*

This academic certificate provides students with in-depth training in the interdisciplinary research field of Comparative Immunology. In general, Comparative Immunology is the study of the immune responses and defenses of animals other than humans. Research areas include studies in domesticated animal health, the use of animal models for human biomedical research, and the hunt for natural products of biomedical interest. Additionally, in recent years, there has been an increasing interest and concern raised about wild life (terrestrial and aquatic) health and diseases. This field also includes the integration of immunology, endocrinology, and neuroscience.

Requirements

Prerequisite Courses

BSC 1010	General Biology I	3
BSC 1010L	General Biology Lab I	1
BSC 1011	General Biology II	3
BSC 1011L	General Biology Lab II	1
CHM 1045	General Chemistry I	3
CHM 1045L	General Chemistry I Lab	1
CHM 1046	General Chemistry II	3
CHM 1046L	General Chemistry II Lab	1

Total credits required: 20 semester hours

Required Courses

PCB 4233	Immunology	3
PCB 4233L	Immunology Lab	1
PCB 5238	Marine Comparative Immunology Workshop	1
PCB 6236	Comparative Immunology	3
MLS 5515	Advanced Diagnostic Immunology	3
MLS 5937	Current Topics in Comparative Immunology	3

(students enroll for three semesters)

Choice of one: 3 credits required

PCB 6237	Immunogenetics
PCB 5754	Comparative Pathology
MLS 6180	Immunopathology

Three credits in a Comparative Immunology Lab in one of the following courses:

MLS 4905/6905	Independent Study
MLS 4910/6910	Directed Independent Research
BSC 4914/6916	Student Research Laboratory

Cuban and Cuban American Studies Certificate Program

The Cuban and Cuban American Studies Certificate Program provides an opportunity for students to integrate scholarship about Cuba and Cuban American issues from a variety of disciplines into a comprehensive program of study. The program builds on the strengths of numerous Cubanists teaching at FIU and allows students to benefit from expertise on matters ranging from the Cuban American exile experience to the impact of Cuba on the world.

Interdisciplinary in nature, the program consists of courses from various departments, including Art and Art History, Economics, English, History, International Relations, Modern Languages, Music, Political Science, Religious Studies, Sociology and Anthropology, Theatre

and Dance. Students are required to choose courses from four of the various departments to complete the certificate. All degree seeking students enrolled at FIU qualify for the certificate, which will be awarded upon graduation. It is also available to non-degree seeking students who hold a B.A. from an accredited institution. Courses at the five-thousand and six-thousand level qualify for the program. However, undergraduates should consult with the professor prior to taking such courses. One independent study course may be submitted to count towards the certificate provided that the final paper is of thematic relevance. A working knowledge of Spanish is recommended.

Requirements

Students will be required to take LAH 4482 Cuba: 18th-20th Centuries as well as five other courses from four different departments for a total of 18 credits. Courses applicable for the certificate are listed every semester in the University's course schedule. To inquire if a specific course meets the certificate requirements please contact an advisor at the Cuban Research Institute.

Students interested in the certificate program should contact the Cuban Research Institute at (305) 348-1991, or e-mail cri@fiu.edu.

The following courses fulfill certificate requirements. These courses represent a partial list; students should consult with the certificate program advisor about current course offerings.

Anthropology

ANT 4211 Area Studies: Afro-Cuban Religions
ANT 4343 Cuban Culture and Society

Art and Art History

ARH 4672 History of Cuban Art

Economics

ECS 3430 The Economic Development of Cuba/Past and Present
ECS 3431 Economics of the Caribbean Basin
ECS 3432 Economic Integration / Caribbean

English

LIT 4356 Literature of the Cuban Diaspora

History

AMH 4421 Florida Under Five Flags: Florida History from Pre-contact to 1877
AMH 4914 South Florida History: Research
LAH 3740 Comparative History of Latin American Rebellions and Revolutions
LAH 4471 Colonial Caribbean in Comparative Perspectives
LAH 4482 Cuba: 18th –20th Centuries
LAH 5905 Readings in Latin American History: Cuba 1898-1960
LAH 5935 Topics in Latin American History: Colonial Caribbean in Comparative Perspectives Cuba 18th- 20th Centuries Slave Trade/African Diaspora

International Relations

INR 3045 The Global Challenge of Refugees and Migrants
INR 3243 International Relations of Latin America
INR 3246 International Relations of the Caribbean

INR 4931 Topics in International Relations: Cuba in the World
INR 5935 Topics in International Relations: Cuba in the World

Modern Languages

FOL 4930 Special Topics: Hispanic Culture in the U.S.
LIN 5604 Spanish in the United States
SPN 5536 Afro-Cuban Culture
SPN 5539 Special Topics in Afro-Hispanic Culture
SPN 5824 Dialectology of the Spanish Caribbean
SPN 6535 Hispanic Culture in the U.S.
SPW 5934 Special Topics in Language/Literature: Novela Cubana 1900-1950
SPW 6367 Prose and Poetry of Jose Martí
SPW 6389 Cuban Novel and Short Story
SPW 6775 Literature of the Spanish Caribbean

Music

MUH 3541 Music of Latin America: Folklore and Beyond
MUH 5546 Music of the Americas

Political Science

CPO 4057 Political Violence and Revolution
CPO 4323 Politics of the Caribbean
CPO 4360 Cuban Politics
CPO 5325 Politics of the Caribbean
POS 4074 Latino Politics
POS 4188 Miami Politics
POS 4314 American Ethnic Politics
POS 4931 Topics in Politics: Florida Politics

Religious Studies

REL 3383 Caribbean Religions

Sociology

SYD 3620 Sociology of Miami
SYD 4621 Cubans in the U.S.

Theatre and Dance

DAA 2333 African Diaspora Dance II
DAN 3394 Latin American Caribbean Dance and Culture

Environmental Studies Certificate Program

Pat Houle, Director, Earth and Environment

Coordinating Committee

Mahadev Bhat, *Earth and Environment/Economics*
Kevin Hill, *Politics and International Relations*
Suzanne Koptur, *Biology*
Rod Neumann, *Politics and International Relations*
Laura Ogden, *Global and Sociocultural Studies*
Raymond Scattone, *Earth and Environment*

The Certificate Program in Environmental Studies is designed to provide students in various majors with the unique perspective of interdisciplinary ecological education to both enrich and expand the breadth of their primary training. The Certificate seeks to provide participants with an analytic basis for understanding the milieu of local and global environmental problems and processes.

The program requires no prerequisite and is complementary to majors in all disciplines and schools at the University. This certificate is appropriate also for persons who already have a degree but would like to increase their knowledge of contemporary environmental issues.

Requirements

The curriculum for the Environmental Studies Certificate consists of six courses (18-20 credits).

I. Two Environmental Science Courses:

EVR 3011/L Environmental Pollution and Lab
EVR 3013/L Ecology of South Florida and Lab

Students with science backgrounds should take instead two environmental science courses from the following:

EVR 4026 Biotic Resources
EVR 4211/L Water Resources and Lab
EVR 4231 Air Resources
EVR 4310 Energy Resources

II. Two additional Environmental Social Sciences courses from the following:

ANT 3403 Cultural Ecology
GEO 3421 Cultural Geography
ECP 3302 Environmental Economics
EVR 4415 Population and Environment Issues
EVR 4352 U.S. Environmental Policy
INR 4350 International Environmental Policy
PUP 3206 International Law and the Environment
POS 4035 Environmental Politics
REL 3492 Earth Ethics

III. Two additional Environmental Electives from the following (students should check with the Director of the certificate for additional classes that may be used to satisfy the elective component):

AMH 4930 Environmental History
ANT 3403 Cultural Ecology
ANT 4552 Primate Behavior and Ecology
ANG 5267 Environmental Anthropology
BOT 3014 Plant Life Histories
BOT 3154 Local Flora & Lab
BSC 5825 Wildlife Biology
ECP 3302 Introduction to Environmental Economics
ECP 4314 Natural Resource Economics
ENY 4060 Advanced Entomology & Lab
EVR 3010 Energy Flows in Natural and Man-Made Systems
EVR 3013 Ecology of South Florida & Lab
EVR 4026 Biotic Resources
EVR 4211 Water Resources
EVR 4231 Air Resources
EVR 4310 Energy Resources
EVR 4321 Sustainable Resource Development
EVR 4323 Restoration Ecology
EVR 4351 U.S. Energy Policy
EVR 4352 U.S. Environmental Policy
EVR 4401 Conservation Biology
EVR 4415 Population and Environment Issues
EVR 4905 Independent Study
EVR 4934 Special Topics
EVR 5061 South Florida Ecology
EVR 5065 Ecology of Costa Rican Rainforest

EVR 6067 Tropical Forest Conservation
EVR 6300 Topics in Urban Ecology
EVR 5313 Renewable Energy Sources
EVR 5320 Environmental Resource Management
EVR 5353 International Energy Policy
EVR 5355 Environmental Resource Policy
EVR 6406 U.S. Endangered Species Management
EVR 5410 Human Population & Earth's Ecosystem
EVR 5907 Research and Independent Study
EVR 5935 Special Topics
EVR 5936 Topics in Environmental Studies
GEO 3510 Earth Resources
GEO 3421 Cultural Geography
GLY 3039 Environmental Geology & Lab
HFT 3701 Sustainable Tourism
INR 3043 Population and Society
INR 4054 World Resources, World Order
INR 4350 International Environmental Politics
LIT 4930 Literature and the Environment
MCB 4603 Microbial Ecology
PCB 3043 Ecology & Lab
PHI 3640 Environmental Ethics
PUP 3206 International Law and the Environment
POS 4035 Environmental Politics
REL 3492 Earth Ethics
SOP 4712 Environmental Psychology
SYP 4421 Science, Technology and Society
ZOO 4462C Herpetology
Total Credit Hours: 18-20

Ethnic Studies Certificate Program

David K. Twigg, *Interim Director, Institute for Public Policy and Citizenship Studies*

Coordinating Committee

Ralph S. Clem, *Politics and International Relations*
Anthony P. Maingot, *Global and Sociocultural Studies*
Mark D. Szuchman, *History*

The College of Arts and Sciences offers the student a program in ethnic studies, in recognition of the place ethnic studies enjoys in the social sciences and humanities, and the importance of ethnic studies in today's world. The Program seeks to establish a proper balance between its academic goals and objectives and the ongoing concerns of the University's local and international constituencies. The Program contains four specialized areas: Black Studies, Jewish Studies, Cuban Studies, and Comparative Studies.

The Certificate in Ethnic Studies is awarded with a bachelor's degree or upon completion of Certificate requirements, to a student who already possesses that degree. The Certificate will specify the area of concentration chosen by the student.

A student may acquire the Certificate in Ethnic Studies by fulfilling the following requirements:

General Requirements: A minimum of six courses with a grade 'C' or higher.

Courses in both the 'Core' and 'Specialized' areas (indicated below) must be taken from at least two different departments.

A maximum of one course in a relevant language will be accepted.

A maximum of two courses of independent study will be accepted.

The Program Director must approve the student's overall plan and all special topics courses must be approved by Certificate advisors in each area.

The Program is especially eager to encourage programs of study abroad and field work in general. Credit for such programs will be awarded on an individual basis after evaluation by the Director and the Coordinating Committee, but in no case will it consist of more than three courses towards the Certificate.

Requirements

Specific Requirements

A core of a minimum of two to three courses in a theoretical and conceptual nature in the area of ethnic studies.

A minimum of three to four specialized courses in one of the four distinct areas: Black Studies, Jewish Studies, Cuban Studies, Comparative Studies.

Core Courses

SYD 4700	Minorities
POS 4314	Ethnic Politics
INR 4084	Ethnicity in World Politics
CPO 4726	Ethnicity and Nationalism
ECP 3144	Economics of Race and Sex Discrimination
SOP 4444	Attitudes and Ethnicity

Specialized Courses

(Note: This is not an exhaustive list; students should consult with the Director of the program on current offerings.)

Specialized Courses in Cuban Studies

ECS 3430	The Economic Development of Cuba	3
FOW 4390	Genre Studies (with reference to Cuban Literature)	3
INR 3246	International Relations of the Caribbean	3
SYD 4630	Latin American and Caribbean Social Structures	3
SYA 4124	Social Theory and Third World Innovations	3

Specialized Courses in Black Studies

AML 5305	Major American Literary Figures	3
ANT 4315	Afro-American Anthropology	3
ANT 4352	African Peoples Culture	3
LIT 4188	Regional Literature in English	3
LIT 4930	Special Topics	3
MUH 2116	Evolution of Jazz	3

Specialized Courses in Jewish Studies

GEA 3635	Population and Geography of the Middle East	3
INR 3274	International Relations of the Middle East	3

European Studies Certificate

Rebecca Friedman, *Director, History*

Coordinating Committee

Pascale Becel, *Modern Languages*

Christine Gudorf, *Religious Studies*

Tatiana Kostadinova, *Politics and International Relations*

Felice Lifshitz, *History*

Jonathan Mogul, *The Wolfsonian-FIU Museum*

Joseph Patrouch, *History*

David Rifkind, *Architecture*

Renée Silverman, *Modern Languages*

Oren Stier, *Religious Studies*

Markus Thiel, *Politics and International Relations*

Mira Wilkins, *Economics*

The aim of the European Studies Certificate is to enable students to obtain an interdisciplinary concentration in various aspects of Europe. It is designed to enhance a student's understanding of European politics, society, and culture, drawing on a broad range of courses in the arts and sciences and thereby to complement the student's major course of study. The certificate is also available to non-degree seeking students. Students interested in the program should contact the Director.

Certificate Requirements:

The program requires 15 credit hours (5 courses) from at least three departments, distributed as follows:

Language requirement: (3 credits)

One course in a European language at the intermediate level or above (2000 or higher)

Breadth requirement: (9 credits)

Three courses, at 3000 level or above, at least one of which must be in the social sciences and one in the humanities, from an approved list published in the term schedule and available from the Certificate Director. These include courses from the Departments of Economics, English, Environmental Studies, History, Honors College, Humanities, International Relations, Modern Languages, Philosophy, Political Science, Religion, School of Nursing, and Art and Art History. Courses not on the list but containing substantial European content may be accepted at the discretion of the Director.

Exit Requirement: (3 credits)

Interdisciplinary colloquium (EUS 4920) to be taken during the student's senior year, that will focus on a broad European topic. In it, each student will be expected to complete a major research project.

Exile Studies Certificate Program

Asher Z. Milbauer, *Director and Professor, English*

Coordinating Committee

Gisela Casines, *Associate Dean, College of Arts and Sciences*

Uva de Aragon, *Associate Director, Cuban Research Institute*

Andy Groff, *Reference Librarian, Humanities*

Peter Hargitai, *Instructor/Translator, English*

Tometro Hopkins, *Associate Professor, Linguistics Program and English*

Kenneth Johnson, *Associate Professor, English*

Richard Schwartz, *Professor Emeritus, English*

Mark Szuchman, *Professor, History*

The Exile Studies Certificate Program will provide grounds for entry into the field of otherness through the reading of literary texts created by authors from around the world and suggest venues for comprehension of human differences and commonalities. Literature, as one of the most important forms of human activity, synthesizes and particularizes the rich often traumatic experiences of transplantation. It "has often acted as a sort of deep bridge across geographical borders, cultural mentalities, and ideological divides." Studying the works of transplanted writers through the lenses of scholarly disciplines such as social sciences, arts and humanities, students in the Exile Studies Certificate Program explore the far-reaching universal implications of the phenomenon of exile.

The curriculum for the Exile Studies Certificate consists of six courses (18 credits).

Core Requirements

LIT 4224	Exile and Literature: An Interdisciplinary Approach	3
LIT 4253	The Literature of Exile: A Comparative Literary Approach	3
	Independent Studies: Supervised Research in any relevant academic department	3

Elective Breadth Requirements

Literature: (3 credits)

AML 4300	Major American Writers	3
AML 4503	Periods in American Literature	3
AML 4930	Special Topics in American Literature	3
AML 5305	Major American Literary Figures	3
ENG 4121	History of the Film	3
ENG 4132	Studies in the Film	3
ENL 4242	Romanticism II	3
ENL 4303	Major British Writers	3
ENL 4320	Shakespeare: Histories	3
ENL 4341	Milton	3
ENL 4412	Anglo-Jewish Literature: 19 th Century to the Present	3
ENL 4503	Periods in English Literature	3
ENL 4930	Special Topics in English Literature	3
LIT 3170	Topics in Literature and Jewish Culture	3
LIT 3190	Survey of Caribbean Literature	3
LIT 3200	Themes in Literature	3
LIT 3384	Caribbean Women Writers	3
LIT 3673	Migrant Stories: Literature of the Immigration Experience	3
LIT 3674	Literature of the Jewish Immigration Experience	3
LIT 3930	Special Topics	3
LIT 4324	Classical Myth	3
LIT 4351	Major African Writers	3
LIT 4356	Literature of the Cuban Diaspora	3
LIT 4364	Post Totalitarian Literature	3
LIT 4931	Special Topics in Women's Literature	3
FRW 4123	Travel, Exile, and Cross-Cultural Encounters	3
FRW 4750	Francophone Literature of Africa	3
FRW 4751	Francophone Literature in the Caribbean	3
SPT 4813	The Interpreter and Language	3
ENG 4906	Independent Study	1-20

Social Sciences: (3 credits)

Psychology

DEP 4324	Psychology of Identity Development	3
CLP 2001	Personal Adjustment	3

Politics and International Relations

INR 3043	Population and Society	3
INR 3045	The Global Challenge of Refugees and Migrants	3
INR 4404	International Protection of Human Rights	3
INR 4411	International Humanitarian Law	3
POS 3258	International Relations on Film	3
CPO 4726	Ethnicity and Nationality: World Patterns and Problems	3
INR 4054	World Resources and World Order	3
CPO 4053	Political Repression and Human Rights	3
CPO 4057	Political Violence and Revolution	3
POS 4314	American Ethnic Politics	3
CPO 3055	Authoritarian Politics	3
CPO 4725	Comparative Genocide	3

Global and Sociocultural Studies

ANT 4473	Anthropology of Globalization	3
SYD 4237	Immigration and Refugees	3
SYD 4606	World Jewish Communities	3
SYD 4621	Cubans in the U.S.	3
SYD 4700	Sociology of Minorities/Race and Ethnic Relations	3
SYP 4454	Globalization and Society	3
ANT 3610	Language and Culture	3
SYD 3620	Sociology of Miami	3

Religious Studies

REL 3112	Religion and Literature	3
REL 3220	Moses, Priests and Prophets	3
REL 3325	Religions of Classical Mythology	3
REL 3607	Judaism	3
REL 3194	The Holocaust	3
REL 3308	Studies in World Religions	3
REL 3111	Religion in Film	3
REL 3282	Archaeology of Israel	3
REL 3320	Moses, Jesus, Muhammad	3
REL 3344	Tibetan Buddhism	3
REL 3362	Islamic Faith and Society	3
REL 3695	The Golden Age of Sephardic Jewry	3
REL 4224	The Prophets and Israel	3

History

AMH 3331	American Intellectual History I	3
AMH 3332	American Intellectual History II	3
AMH 4930	Topics in U.S. History	3
EUH 3576	The Russian Revolution and the Soviet Union	3
EUH 3611	European Cultural and Intellectual History	3
EUH 4033	Nazism and the Holocaust	3
EUH 4462	History of Modern Germany, 1815-1945	3
HIS 3308	War and Society	3
WOH 3281	Jewish History to 1750	3
WOH 3282	Modern Jewish History	3
WOH 4230	The African Diaspora and the Atlantic Slave Trade	3
WOH 4301	The Modern African Diaspora	3
LAH 4471	Colonial Caribbean in Comparative Perspective	3

Arts/Humanities (3 credits)**Art and Art History**

ARH 4430	Art and Politics	3
ARH 4610	American Art	3
ARH 4470	Contemporary Art	3

Architecture

ARC 3031	Miami in Film	3
ARC 3741	Urban Architecture and the 20 th Century	3
ARC 3797	Hotels: Miami and La Habana at Mid-Century	3
ARC 4030	Film and the Architecture of Modern Life	3
ARC 4752	Architectural History of the Americas	3
ARC 4755	The Architecture of the City	3

Theatre

THE 4110	Theatre History I	3
THE 4111	Theatre History II	3
THE 4314	Classical Dramatic Literature	3
THE 4370	Modern Dramatic Literature	3

Music

MUH 3019	History of Popular Music in the U.S.	3
MUH 3514	Music of the World	3

Linguistics

LIN 4624	Bilingualism and Language Policies	3
LIN 4722	Problems in Language Learning	3
LIN 4710	Language Acquisition	3
LIN 5601	Sociolinguistics	3
LIN 5720	Second Language Acquisition	3
LIN 5825	Pragmatics	3

Graduate Linguistics courses require the permission of the instructor

Humanities

GRW 3390	Readings in Greek Literature	3
HUM 2512	Art and Society	3
HUM 3514	Art in Context	3
HUM 3545	Art and Literature	3
HUM 3562	Politics and the Arts	3
HUM 4544	Literature and the Humanities	3
HUM 4491	Cultural Heritages and Cultural Changes	3
LAT 3203	Readings in Latin Literature	3

In addition to the courses listed above, other courses may be applied/accepted with the approval of the Certificate Director.

Film Studies Certificate Program

The Film Studies Certificate Program enables students to obtain an interdisciplinary concentration in film studies. The certificate program will enable students to study this important field in a rigorous systematic fashion. Film is the major art form and communication medium that transmits culture, influences society, and both reflects and shapes human conduct. Furthermore, film links diverse cultures through depiction of national societies and through language exposure. The Certificate in Film Studies will therefore give recognition to a significant medium that generates innovative theoretical, historical, literary and creative methodologies. The certificate will enhance interdisciplinary connections among Modern Languages, English, Sociology, Anthropology, Architecture, Visual Arts, History, Religious Studies and other departments. Students will have a unique opportunity to access new

films, film archives, film makers, internships and related benefits. This certificate will complement studies in other fields and enable students to obtain an intellectual background in the theories and methodologies of film culture. Moreover, it will enhance students' visual literacy and competency.

This program will require 18 credit-hours (6 courses) from the following certificate course listing, or others approved by the certificate program advisor. These courses should be understood as a partial list; students should consult with the advisor of the certificate program about current course offerings. Students are required to take a minimum of two courses from departments other than English.

Requirements

FIL 3006	Introduction to Film Studies
ENG 4121	History of Film

Twelve (12) elective credits from the following partial list:

ARC 4030	Film and the Architecture of Modern Life	3
ENC 4355	Writing About Film	3
ENG 3138	The Movies	3
ENG 4319	Film Humor and Comedy	3
ENG 4132	Studies in the Film	3
ENG 4134	Women and Film	3
ENG 4135	The Rhetoric of Cinema	3
FIL 4940	Internship in Film Studies	1-12
ENG 6935	Special Topics in College Pedagogy (when film is the topic)	3
CRW 5620	Advanced Screenwriting Workshop	5
AMH 3317	America and the Movies	3
LAH 4734	Latin American History Through Film	3
HUM 4580	Film and the Humanities	3
FIL 5825	Spanish Film	3
FIL 5846	Latin American Film	3
FRE 4391	French Cinema	3
POW 4390	Brazilian Cinema	3
SPW 4391	Contemporary Spanish Cinema	3
SPW 4580	El Dorado in Hispanic Literature and Film	3
SPW 5781	The Representation of Women in Spanish Literature and Film	3
SPW 6495	The Latin American Experience Through Literature and Film	3
REL 3111	Religion in Film	3
SYP 4631	Sociology Through Film	3
ARH 4905	Directed Studies (when offered as film studies)	1-6
ARH 5907	Directed Studies (when offered as film studies)	1-6
FIL 3001	Introduction to Film-Making	3
FIL 3201C	Film Technique I	3
FIL 4204	Film Technique II	3

Forensic Science Certificate Program

Anthony P. DeCaprio, Director, Chemistry/IFRI

Coordinating Committee

Jose R. Almirall, Chemistry/IFRI

W. Clinton Terry, Criminal Justice

Daniel J. Wescott, Biological Sciences

Administered by the International Forensic Research Institute (IFRI) the Certificate in Forensic Science is designed to provide a focus for those students who are interested in pursuing a career in the forensic sciences. The program is suitable for students majoring in chemistry, biology or another natural science who wish to enter the field of forensic science. The program also allows access to persons in the community who are currently working in this area to develop or upgrade their skills.

The field of forensic science is interdisciplinary and requires significant training in the natural sciences. The prerequisite for the forensic science core courses and internship are as follows: 1 calculus course, 1 statistics course, 1 general biology course, 2 physics courses with labs, 2 general chemistry courses with labs, 2 organic chemistry courses with labs and 1 analytical chemistry course with laboratory. Upon completion of the following courses, a student may apply for a certificate in Forensic Science. The certificate will be awarded at the time of awarding the Bachelor's degree, or upon completion of this work if the student already has a Bachelor's degree. The program consists 18 credits detailed below.

Requirements

Required Courses: (15)

CHS 3501	Survey of Forensic Science	3
CHS 4503C	Forensic Science	3
	or	
CHM 5542	Forensic Chemistry	3
CHS 3511C	Forensic Evidence	3
	or	
CHS 5535	Forensic Analysis	3
CHS 4533C	Forensic Biochem Appl	3
	or	
BSC 5406	Forensic Biology	3
CHS 4591	Forensic Science Internship	3
	or	
CHS 6946	Graduate Forensic Internship	3

Elective courses: (3 credits) chosen from the following list:

PCB 4524	Molecular Biology	3
PCB 4524L	Molecular Biology Lab	1
BOT 1010	Introductory Botany	3
CHM 4130	Instrumental Analysis	3
CHM 4130L	Instrumental Analysis Lab	2
CHS 4503L	Forensic Science Lab	1
CHS 5539	Forensic Toxicology	3
CCJ 3024	The Criminal Justice System	3
CJE 3110	Law Enforcement	3
CJL 3410	Criminal Procedure	3
GLY 3039	Environmental Geology	3
SOP 4842	Legal Psychology	3
STA 5666	Advanced Statistical Quality Control	3

*A total of 19 additional semester hours that provide greater depth in the student's area of specialization are required as part of the upper division requirements for the bachelors degree in chemistry, biology or other natural science.

Gerontological Studies Certificate Programs

Pamela Eifenbein, *The Center on Aging*

Coordinating Committee

Joan Erber, *Psychology*

Kenneth Johnson, *English*

Nancy S. Wellman, *Dietetics and Nutrition*

The Certificate Program in Gerontological Studies is an undergraduate, academic certificate program designed to complement the student's major area of study.

The goals of the program are: (1) to stimulate interest in the study of aging; (2) to provide an introduction to the field of gerontology from a multidisciplinary perspective; (3) to provide foundation courses for advanced study in gerontology; and (4) to provide students seeking employment upon graduation with a sound background which will make them attractive to employers.

The State of Florida has the largest percentage of persons over 65. Demographic projections indicate that not only will Florida continue to increase its percentage of older persons, but so will the nation as a whole. Thus, it has become imperative that gerontological knowledge be increased and shared. This is critical, both for individuals to function as informed citizens and for enhanced gerontological teaching, research, and service.

The Certificate Program in Gerontological Studies seeks to meet these needs by providing a multidisciplinary approach to the study of aging. The Certificate in Gerontological Studies is awarded with a bachelor's degree, or on completion of Certificate requirements when a student already possesses a bachelor's degree. Interested students should meet with the director early to plan an individualized program to meet the student's educational or occupational goals.

Certificate Requirements: (17-18)

1. A minimum of six courses, three required courses and three elective courses, must be completed with a grade of 'C' or higher in each course.
2. Courses must be taken from at least three different disciplines.
3. Electives must be taken from two different categories listed below.
4. Up to two gerontologically relevant courses taken elsewhere may be accepted by the director.
5. Students should contact the director during registration for a list of certificate courses offered each semester.

Required Courses: (9 credits)

DEP 4464	Psychology of Aging	3
SYP 4730	Sociology of Aging	3
PCB 3241	Physiology of Aging	3

Elective Courses: (8-9 credits)

Aging in the Context of the Life-Span

DEP 2000	Human Growth and Development	3
DEP 4407	Current Issues in Aging	3
FAD 2230	Family Life Cycle	3
FAD 5450	Human Sexuality	3

Death and Dying

SYP 4740	Sociology of Death	3
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PHM 4050	Philosophy of Death	3
Health and Rehabilitation		
OTH 3160	Adaptive Living Skills	2
OTH 3160L	Adaptive Living Skills Lab	1
SOP 4834	Psychology of Health and Illness	3
HME 5255	Independent Living for the Handicapped	3

Nutrition

HUN 2201	Principles of Nutrition	3
HUN 4403	Life Cycle Nutrition	3

Public Affairs and Services

HSA 4113	Issues and Trends in Health Care Delivery	3
HSA 3111	Health & Social Service Delivery Systems	3

Supervised Research/ Practicum/ Special Topics: (3 credits)

Students wishing to take an independent research project or an independent practicum in gerontology should: First obtain the collaboration of a faculty sponsor; and second, obtain the approval of the Certificate Director prior to beginning the project by submitting a one-page proposal. Credit will be obtained under the appropriate independent studies course in the faculty advisor's department. Also, special topics and other courses that have gerontological relevance may be acceptable for credit with permission of the Director.

Japanese Studies Certificate Program

Steven Heine, *Director, Asian Studies*
Asuka Mashav, *Associate Director, Modern Languages*

Coordinating Committee

Naoko Komura, *Modern Languages*
Paul Kowert, *Politics and International Relations*
Matthew Marr, *Global and Sociocultural Studies*
Eric Messersmith, *Asian Studies*

The certificate in Japanese Studies is an 18-credit program that provides students with intensive studies of Japanese language in relation to the culture and society of Japan and East Asia. This program is available to students who are enrolled in the Asian Studies major or certificate programs, as well as students who wish to develop a more specialized focus on Japan.

As with other Asian Studies programs students are encouraged to earn credits through study abroad or student exchange programs for travel and study in Japan in addition to internship opportunities with Japan related organizations in South Florida.

Requirements**Language Requirements: (4 semesters)**

Students must complete two full years (four semesters) or equivalent of Japanese language. If students test out of some portion of this requirement then they must complete additional credits in studies of Japanese and/or East Asia society and culture.

JPN 1130	Japanese I
JPN 1131	Japanese II
JPN 2200	Int. Japanese I

JPN 2201	Int. Japanese II
JPN 3140	Japanese for Business (equivalent to Intermediate Japanese II)
JPW 4130	Reading Japanese Literature
JPW 4131	Reading Japanese Non-Fiction

Electives: (6 credits)

Two courses in Japanese or East Asian area studies (history, religion, economics, international relations, etc.) must be completed. For a list of electives please consult the list provided with the Asian Studies major in this catalog. However, some courses in that list may not be applicable for this certificate. Therefore, students should consult with an advisor for the certificate program to get approval for specific courses.

For more information, contact the Asian Studies office, SIPA 505. Email: asian@fiu.edu; phone: (305) 348-1914; website: <http://asian.fiu.edu>.

Judaic Studies Certificate Program

Oren Baruch Stier, *Director, Religious Studies*

Core and Advisory Faculty:

Dalia Biton, *Modern Languages*
Shlomi Dinar, *Politics and International Relations*
Stephen M. Fain, *Honors College Fellow*
Annette B. Fromm, *The Patricia and Phillip Frost Art Museum*
Paul Green, *Music*
Michael Gross, *Earth and Environment*
Steven Heine, *Religious Studies and History*
Nathan Katz, *Religious Studies*
Frederick Kaufman, *Music*
Erik Larson, *Religious Studies*
Abe Lavender, *Global and Sociocultural Studies*
Asher Z. Milbauer, *English*
Neil Reisner, *School of Journalism and Mass Communication*

Meri-Jane Rochelson, *English*

Howard Rock, *History*

Mark D. Szuchman, *History*

Zion Zohar, *Religious Studies*

Affiliated Faculty:

Majid Al-Khalili, *Politics and International Relations*
Peter Craumer, *Politics and International Relations*
Mario Diament, *School of Journalism and Broadcasting*
Joel Heinen, *Earth and Environment*
Russell Lucas, *Politics and International Relations*
Charles MacDonald, *Politics and International Relations*
Mohiaddin Mesbahi, *Politics and International Relations*
Aisha Musa, *Religious Studies*
Ben Smith, *Politics and International Relations*
Camelia Suleiman, *Global and Sociocultural Studies*
Hannibal Travis, *College of Law*

The Certificate in Judaic Studies is an eighteen credit interdisciplinary program, rooted in the humanities, fine arts and social sciences. The program is available to degree-seeking students and independently to non-degree-seeking students who already have a B.A. The Judaic Studies Program at FIU awards the Certificate. Courses are offered at FIU's Modesto A. Maidique and Biscayne Bay campuses. The Certificate in Judaic Studies provides students with a multidisciplinary

approach to the religion, arts, language and literature of Judaism as well as issues in history, politics, international relations, and sociology/anthropology.

The Judaic Studies Certificate requires 18 credits and includes the following:

- a) Students must demonstrate a competency in the Hebrew language, at least at the HBR 1130 level, either through course work or equivalent. Up to ten credit hours of Hebrew language courses may be applied toward the Certificate. Another relevant language such as Yiddish or Arabic may be substituted.
- b) Eighteen (18) credits from the coursework listed below with at least three (3) credits in the Concentration in Pre-Modern History and Religion and three (3) credits in the Concentration in Modern Religion and Society.

In addition to the courses listed below, relevant special topics, area studies or comparative studies courses may also be applied. All courses must be approved by the director, and all must be passed with "C" or better.

Students are encouraged to attend lectures and workshops sponsored by the Judaic Studies Program.

Courses:

Language Courses

HBR 1130	Hebrew 1	5
HBR 1131	Hebrew 2	5
HBR 2200	Intermediate Hebrew	5
HBR 3100	Biblical Hebrew 1	3
HBR 3101	Biblical Hebrew 2	3

Concentration in Pre-Modern History and Religion (at least 3 credits)

REL 3209	Dead Sea Scrolls	3
REL 3220	Moses, Priest, and Prophets	3
REL 3280	Biblical Archeology	3
REL 3320	Moses, Jesus, and Muhammad	3
REL 3392	Jewish Mysticism	3
REL 3607	Judaism	3
REL 3625	Introduction to Talmud	3
REL 3627	Kabbalah and the Bible	3
REL 3695	The Golden Age of Sephardic Jewry	3
REL 4312	Jews of Asia	3
WOH 3281	Jewish History to 1750	3

Concentration in Modern Religion and Society (at least 3 credits)

ENL 4412	Anglo-Jewish Literature: 19th Century to the Present	3
EUH 3245	European History, 1914-1945	3
EUH 4033	Nazism and the Holocaust	3
INR 3045	The Global Challenge of Refugees and Migrants	3
INR 3274	International Relations of Middle East	3
LIT 3170	Topics in Literature and Jewish Culture	3
LIT 3674	Literature of the Jewish Immigration Experience	3
REL 3194	The Holocaust	3
REL 3630	American Judaism	3
REL 3671	Jews, Sex, and Gender	3
REL 3672	Religion and Society in Israel	3
REL 3690	Hasidic Thought	3
REL 4613	Modernization of Judaism	3
REL 4193	Holocaust Memorials	3

SYD 4606	World Jewish Communities	3
SYD 4703	Depiction of Jews in Films	3
WOH 3282	Modern Jewish History	3

These courses represent a partial list; students should consult with an advisor for the certificate program about current course offerings and a full list of courses accepted for the certificate.

For more information contact the Judaic Studies Program at (305) 348-6729 or judaic@fiu.edu, or visit the website: <http://judaic.fiu.edu>.

Labor Studies Certificate Program

Dawn Addy, *Labor Studies*

Emily Eisenhauer, *Labor Studies*

Nora Femenia, *Labor Studies*

Bruce Nissen, *Labor Studies*

Carol Stepick, *Labor Studies*

Noah Warman, *Labor Studies*

Jorge Zumaeta, *Labor Studies*

The Certificate in Labor Studies is an 18 credit course of study designed to offer degree-seeking students from a wide range of backgrounds an understanding of the major issues in the field. Courses must be taken from at least two disciplines other than Labor Studies. The Certificate is also appropriate for students who already have a degree and would like to acquire additional knowledge about various facets of the field of Labor Studies within the global work environment. Labor Studies as a discipline acknowledges insights which have emerged from decades of university-union cooperation in labor education and fulfills an academic need to study labor affairs apart from the traditional framework of industrial relations. According to this concept, Labor Studies is the academic examination of issues which confront people in the pursuit of their need for rewarding employment. The focus of inquiry is on workers as individuals, as members and/or leaders in their unions or associations, and as citizens of their communities.

Courses must be taken from at least two disciplines in addition to Labor Studies. Minimum of 18 credit hours for certificate. Courses are to be selected in consultation with advisor. A grade of 'C' or better is required for all courses. (C- is not acceptable).

Requirements

Required Courses: (12 hours)

LBS 3001	Introduction to Labor Studies
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Minimum of three courses (9 hours) to be chosen from the following: (additional courses from this list may be used to fulfill electives)

LBS 4101	Theories of the Labor Movement
LBS 4210	Women And Work
LBS 4501	Labor Law
LBS 4900	Directed Study in Labor Studies
SYO 4370	Work & Society

Electives: (6 hours)

AMH 3270	Contemporary U.S. History
AMH 4500	United States Labor History
ECO 2013	Principles of Macroeconomics
ECO 2023	Principles of Microeconomics

ECO 3101	Intermediate Microeconomics
ECO 4622	Economic Development of U.S.
ECO 4701	World Economy
ECP 3123	Economics of Poverty
ECP 3203	Introduction to Labor Economics
ECP 4204	Theory of Labor Economics
INP 2002	Introductory Industrial/ Organizational Psychology
INR 3004	Patterns of International Relations
LBS 4401	Labor Contract Negotiations
LBS 4150	Contemporary Labor Issues
LBS 4260	Union Leadership and Administration
LBS 4461	Labor Dispute Resolution
LBS 4654	Comparative and International Labor Studies
LBS 4905	Topics in Labor Studies
LBS 4930	Topics in Labor Studies
POT 3204	American Political Thought
PUP 4004	Public Policy: U.S.

FRE 2200	Intermediate French	3
FRE 221	Intermediate French Conversation	3
Additional Core Requirements: (6 credits)		
ABT 3503	Arabic Language and Culture	3
FOW 3540	Bicultural Writings	3
Elective Courses: (3 credits)		
WST 4504	Feminist Theory	3
INR 4082	Islam in International Relations	3

Languages and Cultures of North Africa Certificate Program

Pascale Becel, *Modern Languages*

Ferial Boutaghou, *Modern Languages and Women's Studies*

The Certificate in Languages and Cultures of North Africa provides students with a broad knowledge, giving them cultural keys for a better understanding of the Arab World in its global interactions. One cannot really understand a culture without being exposed to the languages that are shaping it and one cannot really understand the political dynamics of Arab societies without knowing their cultural foundations. An expertise in Arabic language and/or French is the cornerstone of the certificate. It is designed with an interdisciplinary and transnational perspective, taking into account the complex dynamics between North Africa and the Arab diaspora in Europe and in the US. With particular emphasis on languages and culture, the certificate exposes students to North Africa through history, political science, gender studies, diaspora studies, literature and cinema.

Requirements

The Certificate in Languages and Cultures of North Africa requires a total of 21 credits (for students with no prior knowledge of the selected language) or a minimum of 18 credits (for students with prior knowledge of the selected language) and includes the following:

Core Language Requirement:

Four semester sequence of language: (12 credits maximum to count toward the certificate). If students test out of some portion of this requirement then they must complete additional credits as approved by the certificate director.

ARA 1130	Arabic I	5
ARA 1131	Arabic II	5
ARA 2200	Intermediate Arabic	3
ARA 2240	Intermediate Arabic Conversation	3
or		
FRE 1130	French I	5
FRE 1131	French II	5

Latin American and Caribbean Studies Certificate Program

Cristina Eguizábal, *LACC Director*

Lisel Picard, *LACC Acting Associate Director*

Andrea Seidel, *LACC Senior Graduate Program Director*

Astrid Arrarás, *LACC Graduate Program Director*

LACC Academic Advisory Committee

Maria Aysa-Lastra, *Global and Sociocultural Studies*

Liliana Goldin, *Global and Sociocultural Studies*

Barry Levitt, *Politics and International Relations*

Felix Martin, *Politics and International Relations*

Juan Martinez, *Art and Art History*

Aurora Morcillo, *History*

Offered through the Latin American and Caribbean Center (LACC), this certificate provides an interdisciplinary approach to the study of Latin America and the Caribbean. The certificate may be awarded to both degree and non-degree seeking students who complete the requirements. For students pursuing a degree, the certificate is a complement to the student's discipline or major area of studies. For non-degree seeking students, the certificate provides a means for understanding more about Latin America and the Caribbean without pursuing a longer degree program.

Certificate Requirements

1. At total of 18 credit hours of undergraduate course work with a grade of 'C' or higher. Courses must come from the approved Latin American and Caribbean Studies course listing or be approved by the certificate advisor. Courses may include those in the student's departmental major, but must also be selected from at least two disciplines outside the student's departmental major.
2. Students are required to take a two-course language sequence at FIU in Spanish, Portuguese, Haitian Creole, or French at the student's tested level. Tests are administered through a proficiency examination in FIU's Department of Modern Languages or in LACC. Up to six language credits may be counted towards the fulfillment of the 18 credit hours.
3. A student may elect to focus on a country, region, or topic for the undergraduate certificate or pursue a broader selection of courses in a variety of disciplines. A country, regional, or topical area of concentration (such as Cuban studies, migration, political science, international business, etc.) may be declared for the undergraduate certificate. At least three courses with significant (100% content on the approved course

listing) Latin America or Caribbean content must be completed to obtain a concentration. Students may also petition to create their own concentration, provided there are sufficient courses.

Courses approved for the Latin American and Caribbean Studies Certificate are posted each semester on the FIU Class Schedule at <http://lacc.fiu.edu/catalog/>. (Under "Special Programs and Certificate Programs" select "Latin American & Caribbean Studies"). All courses listed from 2000 through 4000 series may be applied to the certificate. Approved courses are also posted each semester outside LACC (DM 353) or are available from the certificate advisor.

Students interested in pursuing a Latin American and Caribbean Studies Certificate should contact the certificate advisor at (305) 348-2894 for an appointment or email laccert@fiu.edu.

For more information, contact:

Academic Programs
Latin American and Caribbean Center
Florida International University
Modesto A. Maidique Campus, DM 353
Miami, Florida 33199
Phone: (305) 348-2894
Fax: (305) 348-3593
E-mail: malacs@fiu.edu

Law, Ethics and Society Certificate Program

Kenneth Rogerson, *Director*

Coordinating Committee

Christopher Grau, *Philosophy*

Kenneth Henley, *Philosophy and Religion*

This program offers a course of studies in the broad field of normative or value issues. The program seeks to develop a curriculum which will study these issues from a variety of perspectives. From philosophy we offer courses in ethical theory, social and political theory and various applied ethical courses—courses in medical ethics, business ethics, environmental ethics and so on. From political science the student sees how normative issues are considered in law and politics. In this context it is appropriate to have courses dealing with constitutional interpretation of rulings like affirmative action, environmental regulation and the like. From sociology and anthropology the student takes courses dealing with how values are incorporated in our society and how such values compare to other societies around the world.

Requirements

Required Courses:

1. The certificate requires six (3 credit) courses from the following lists.
2. Two core (starred) courses are required.
3. Of the six courses, including core courses, at least one course must be taken from each of the following categories—Ethics, Law, and Society

Law

PHM 3400 Philosophy of Law*

POS 3604 Constitutional Law: Limit*
POS 3603 Constitutional Law: Powers*
POS 3283 The Judicial Process
POS 4944 Judicial Internship
SOP 4842 Legal Psychology
PSY 4930 Women, Law and Social Psychology
INR 3403 International Law
CJL 4064 Criminal Justice and the Constitution
CJL 4412 Law and Criminal Justice
POT 3054 Modern Political Theory
PHM 4430 Topics in Philosophy of Law

Ethics

PHI 3601 Ethics*
PHI 3638 Contemporary Ethical Issues*
PHI 4633 Biomedical Ethics
POT 4621 Theories of Justice
PHM 3200 Social and Political Philosophy
PHM 4050 Philosophy of Death
HSA 5455 Ethical Decisions in Health Services Administration
INR 4091 Ethical Problems in International Relations
PHM 4360 Topics in Political Philosophy

Society

POT 3302 Political Ideologies
SYG 3320 Social Deviancy
SYG 2010 Social Problems
ANT 3302 Anthropology of Sex and Gender
CPO 4057 Political Violence and Revolution
PAD 4046 Public Values, Ethics and Morality in a Changing Environment
PAD 5041 Values and Technology in Modern Society
POT 3054 Modern Political Theory

Legal Translation and Court Interpreting Certificate Program

Erik Camayd-Freixas, *Director*

DM-491A; (305) 348-6222; Erik.Camayd@fiu.edu

This professional certificate program provides a theoretical basis and practical experience to prepare the student for the field of General Interpreting, with emphasis on Court Interpreting. Whereas translation courses are language-specific (English < > Spanish), all our interpretation courses are language-neutral (English < > Any Language). This curriculum offers both preparatory and professional development training for interpreting in the legal, medical, and business settings, and focuses on preparation for taking state and national interpreter certification exams. Each course offers intensive practice in sight translation, consecutive, and simultaneous interpretation. Through its academic track, it offers complementary studies for the practitioner who wants to strengthen his or her competence in the field. The program consists of 27 semester credit hours.

Requirements

Prerequisites

ENC 3200 Business Letters and Reports 3
SPN 3302 Review Grammar and Writing 3
Others by approval. No credits allowed.

Core Courses: (6)

SPT 3800	Foundations of Translation	3
SPT 3812	Foundations of Interpreting	3

Required Program Courses (Select 5): (15)

SPT 4803	Practica in Legal Translation	3
SPT 4804	Practica in Legal Interpretation	3
SPT 4806	Oral Skills for Interpreters	3
SPT 4813	The Interpreter and Language	3
SPT 4814	Conference Interpreting	3
SPT 4940	Judicial Translation/ Interpretation	3
	Internship	3
SPT 4942	Medical Interpreting	3

Electives: (6)

BUL 5105	Legal Environment of Business	3
BUL 4320	Business Law I	3
CCJ 3011	The Nature and Causes of Crime	3
CCJ 3024	The Criminal Justice System	3
CJE 3110	Law Enforcement	3
CCJ 3290	Judicial Policy Making	3
CCJ 4280	Law and Criminal Justice	3
CJC 4166	Community Corrections	3
CCJ 4662	Minorities, Crime, and Justice	3
INR 3403	International Law	3
POS 3283	The Judicial Process	3

Other electives may be chosen with approval of the Program Director.

Linguistics Studies Certificate Program**Coordinating Committee**

Melissa Baralt, *Modern Languages*
Jean-Robert Cadely, *Modern Languages*
Phillip Carter, *English*
Tometro Hopkins, *English*
Peter Machonis, *Modern Languages*
Ana Roca, *Modern Languages*
Ellen Thompson, *English*
Feryal Yavas, *English*
Mehmet Yavas, *English*

In addition to an M.A. in Linguistics, the Linguistics Program at Florida International University offers a Certificate acknowledging that a student has demonstrated competence in course work pertaining to the study of linguistics. This Certificate is designed to meet the needs of those who have a general interest in linguistics studies, as well as those for whom work in linguistics would assist in career planning or advancement. Both undergraduate and graduate students are eligible to earn the certificate.

A student can acquire a Certificate in Linguistic Studies by successfully completing at least six courses in linguistics or linguistics-related courses, totaling eighteen credit hours. Students should consult a Certificate advisor in selecting courses.

Requirements

All students must complete one introductory course and one structure course from the courses listed below for a total of six credit hours:

A minimum of one course from each of the following groups:

Introductory Courses

LIN 3010	General Linguistics	3
LIN 3013	General Linguistics	3
LIN 5018	Introduction to Linguistics	3

Structure Courses

LIN 4680	Modern English Grammar	3
FRE 4800	French Morphology	3
SPN 4802	Contrastive Syntax	3
LIN 5501	English Syntax	3

Four additional courses: (12)

In addition to the required courses stated above, all students must complete an additional four courses totaling twelve credits. Any course with an LIN prefix fulfills this requirement with the exception of LIN 3670 - Grammatical Usage. Linguistics courses with FOL, FRE, POR, and SPN prefixes also fulfill this requirement. Permission must be received from the Program Director to take courses with these prefixes. PHI 4221 (Philosophy of Language), PHI 4222 (Philosophy of Dialogue) and MHF 4302 (Mathematical Logic) also fulfill this requirement.

In addition to the requirements noted above, all of the requirements for obtaining a bachelor's degree from the University must be met, or the student must already possess a bachelor's degree.

With the advice of the Coordinating Committee, the student is encouraged to attain some degree of proficiency in a language other than his or her native language.

A Coordinating Committee representing various fields will advise students and grant the Certificate.

Middle East and Central Asian Studies Certificate Program

Mohiaddin Mesbahi, *Director, Middle East Studies*

Coordinating Committee

Majid Al-Khalili, *Politics and International Relations*
Peter Craumer, *Global and Sociocultural Studies*
Shlomi Dinar, *Politics and International Relations*
Russell Lucas, *Politics and International Relations*
Maria del Mar Logrono, *History*
Charles MacDonald, *Politics and International Relations*
Aisha Musa, *Religious Studies*
Benjamin Smith, *Global and Sociocultural Studies*

The Middle East is the most significant and consequential region shaping contemporary world politics and dynamics. Strong knowledge of the Middle East is a major asset to graduates seeking employment in governmental institutions and the private sector, or going on to graduate school and into academia. The Middle East and Central Asian Certificate, which is offered through Middle East Studies (MES) at Florida International University, provides students with the opportunity for a rich multidisciplinary learning experience, with a choice of courses in the fields of international relations, geography, history, political science, religious studies, sociology/anthropology, and modern languages, among others. The program defines the "Middle East" broadly, encompassing the study of adjacent regions including Central Asia and the larger Muslim world. Two semesters of Arabic or another

regional language are required. The 18 hour Certificate may be awarded both to undergraduate students and to students who have already earned a Bachelor's degree and successfully completed the requirements.

Certificate Requirements

A total of 18 credit hours of undergraduate course work from three categories of courses listed below with a grade of "C" or higher.

1) Core Requirements at FIU: (6 credits)

One of the following courses (3 credits):

INR 3274	International Relations of the Middle East
GEA 3635	Population and Geography of the Middle East
CPO 3403	Politics of the Middle East
ASH 3223	History of the Middle East 1800-Present

One of the following courses (3 credits):

INR 4082	Islam in International Relations
REL 3362	Islamic Faith and Society
REL 3320	Moses, Jesus, Muhammad
REL 4366	Voice of the Prophet
REL 4364	Interpreting the Quran: Gender & Jihad

Note: In addition to the two core courses selected from each category above, students may choose to take additional courses from this list as "Electives". These courses are thus listed below as part of the "Electives".

2) Language Requirement at FIU: (up to 6 credits)

Students are required to obtain two semesters or the equivalent of a Middle Eastern language. Exemption from this requirement may be obtained through a proficiency examination administered by the FIU Department of Modern Languages or Middle East Studies (MES). Note: Students exempted from the language requirement, however, should take 6 credits from other fields to fulfill the 18 credits required to receive the Certificate.

3) Elective Courses at FIU: (6 credits)

All students are to choose two courses (6 credits) from the courses listed below:

ANT 4930	Topics: People of the Middle East
ABT 3503	Arabic Language and Culture
CPO 3403	Politics of the Middle East
CPO 4930	Topics: Iraq-Politics and Society
CPO 4401	The Arab-Israeli Conflict
EUH 4123	Medieval Holy War
EVR 3402	Asian Environmental Issues
GEA 3554	Geography of Russia and Central Eurasia
GEA 3635	Population and Geography of the Middle East
GEA 3705	Geography of Central Asia and the Caucasus
ASH 3222	History of the Middle East up to 1800
ASH 3223	History of the Middle East 1800 – Present
HIS 3314	Women and Gender in Medieval Eurasia
HIS 4930	Topics: History of Modern Middle East
INR 3226	International Relations of Central Asia and the Caucasus

INR 3252	International Relations of North Africa
INR 3262	International Relations of Russia and the Former USSR
INR 3274	International Relations of the Middle East
INR 4082	Islam in International Relations
REL 3220	Moses, Priests and Prophets
REL 3314	Religion on the Silk Road
REL 3320	Moses, Jesus, Muhammad
REL 3362	Islamic Faith and Society
REL 3672	Religion and Society in Israel
REL 4361	Women in Islam
REL 4312	Jews of Asia
REL 4610	Jews of Arab Lands in the Middle Ages
REL 4366	Voice of the Prophet
REL 4937	Special Topics: Muslim Ideas of War
REL 4364	Interpreting the Quran: Gender & Jihad

In addition to the courses listed above, new courses (as they become available), relevant special topics, independent study, study abroad credits, and area studies or comparative studies courses may also be applied with the prior approval of the certificate program director. Students must consult the list of eligible courses announced at the beginning of the academic year or semester through the MES.

Dual Certificate Agreement with the American University in Dubai (AUD)

Students in FIU's Certificate program can take the opportunity of obtaining a Dual Certificate offered by FIU and the American University in Dubai (AUD). To obtain the Dual Certificate, students will need to spend one full term at AUD.

For more information contact Middle East Studies (MES) at the School of International and Public Affairs, SIPA 501. Email: mesc@fiu.edu; phone (305) 348-1792.

National Security Studies Certificate Program

David K. Twigg, *Interim Director, Institute for Public Policy and Citizenship Studies*

Coordinating Committee

John Boyd, *Economics*

Ralph S. Clem, *Politics and International Relations*

Edward Glab, *College of Business*

Christine Gudorf, *Religious Studies*

Steven Heine, *Religious Studies and History*

Paul Kowert, *Politics and International Relations*

Mohiaddin Mesbahi, *Politics and International Relations*

Richard Olson, *Politics and International Relations*

Luis Salas, *Criminal Justice*

Richard Tardanico, *Global and Sociocultural Studies*

Victor Uribe, *History*

Offered through the Jack D. Gordon Institute for Public Policy and Citizenship Studies, the certificate may be awarded to both degree and non-degree seeking students who complete the requirements. For students pursuing a degree, the certificate is a complement to a student's discipline or major area of studies. For non-degree seeking students, the certificate provides a means for

understanding more about national security in the 21st century.

Certificate Requirements

1. A total of 18 credit hours of undergraduate course work with a grade of C or higher. Courses must come from the approved UCNSS course listing or be approved by the certificate advisor. Courses may include those in the student's departmental major, but must also be selected from at least two disciplines outside the student's departmental major. With the approval of the Director, courses other than those listed herein may be substituted on a case by case basis.
2. A two-course introductory language sequence at FIU with a grade of C or higher. Exemption from this requirement may be obtained through a proficiency examination administered by the FIU Department of Modern Languages. Language courses may not be counted toward the fulfillment of requirement #1 above.

Note: Intermediate-high on the ACTFL exam (1-plus on the US government scale) can normally be attained by students with two undergraduate semesters of basic language instruction and at least one undergraduate semester of intermediate (3000/4000) instruction. Attainment of the required language proficiency is the responsibility of the student, and extra courses to achieve the required proficiency level must be taken outside the UCNSS curriculum.

Skill Requirement: (3 credit hours)

POS 4784 Analytic Writing

Core Requirement: (6 credit hours)

Select **one** of the following courses:

GIS 3048 Applications of Geographic Information Systems
 SYA 3300 Research Methods

Select **one** of the following courses:

INR 3061 Conflict, Security and Peace Studies in IR
 INR 3102 American Foreign Policy
 INR 3303 Foreign Policymaking
 INR 4335 Strategic Studies & Security Studies

National Security Studies: (3 credit hours)

Select **one** of the following courses:

Criminal Justice

CJE 3110 Law Enforcement
 CCJ 4641 Organized Crime
 CCJ 4661 Terrorism and Violence in Criminal Justice
 CJE 4174 Comparative Criminal Justice Systems
 CJL 4064 Criminal Justice and the Constitution

Economics

ECS 3013 Introduction to Economic Development
 ECS 4011 Development Economics I
 ECS 4014 Development Economics II
 ECO 3203 Intermediate Macroeconomics
 ECS 3704 International Economics
 ECO 4321 Radical Political Economy
 ECO 4400 Economics of Strategy and Information
 ECO 4703 International Trade Theory and Policy

Business, Finance & Management

FIN 4461 Financial Risk Management – Financial Engineering
 MAN 4613 International Risk Assessment
 MAN 4702 Emergency and Disaster Management
 MAN 4930 Special Topics
 TRA 4721 Global Logistics

Forensics

CHS 3501 Survey of Forensic Science
 CHS 4503C Forensic Science History

History

AMH 3270 Contemporary US History
 AMH 4375 Technology and American Society
 AMH 4540 US Military History from the Colonial Era to the Present
 AMH 4544 The United States and the Vietnam War
 AMH 4930 Topics in US History: US-Inter American Relations
 HIS 3308 War and Society

International Relations

INR 3061 Conflict, Security and Peace Studies in IR
 INR 3081 Contemporary International Problems
 INR 3106 International Relations of the United States
 INR 3403 International Law
 INR 3502 International Organizations
 INR 4054 World Resources and World Order
 INR 4077 International Relations & Women's Human Rights
 INR 4404 International Protection of Human Rights
 INR 4411 International Humanitarian Law

Political Science

CPO 3055 Authoritarian Politics
 CPO 4725 Comparative Genocide
 INR 3102 American Foreign Policy
 INR 4204 Comparative Foreign Policy

Sociology

ANT 4406 Anthropology of War and Violence
 SYO 4300 Political Sociology
 SYO 4530 Social Inequality
 SYP 3300 Social Movements
 SYP 3456 Societies in the World
 SYP 3520 Criminology
 SYP 4460 Sociology of Disasters

Area Studies: (6 credit hours)

Select **two** of the following courses:

Economics

ECO 4701 World Economy
 ECP 3123 Economics of Poverty
 ECS 3200 Economics of Asia
 ECS 3402 Political Economy of South America
 ECS 3403 Economics of Latin America

Business, Finance and Management

FIN 3652 Asian Financial Markets and Institutions
 FIN 4651 Latin American Financial Markets and Institutions
 MAN 4660 Business in Latin America
 MAN 4930 Special Topics

Geography

GEO 3001	Geography of Global Change
GIS 3048	Applications of Geographic Information Systems
GEO 3421	Cultural Geography
GEO 3471	Political Geography
GEO 3502	Economic Geography
GEA 3212	Geography of North America
GEA 3320	Population and Geography of the Caribbean
GEA 3400	Population and Geography of Latin America
GEA 3500	Population and Geography of Europe
GEA 3554	Geography of Russia and Central Eurasia
GEA 3600	Population and Geography of Africa
GEA 3635	Population and Geography of the Middle East
GEA 3705	Geography of Central Asia and the Caucasus
GEA 4202	Geography of the Borderlands

History

AFH 4100	History of Africa I
AFH 4200	History of Africa II
AFH 4342	History of West Africa
AFH 4405	History of East Africa
AFH 4450	History of South Africa
AMH 4170	Civil War and Reconstruction
AMH 4540	US Military History from the Colonial Era to the Present
ASH 3440	History of Japan
ASH 4300	East Asian Civilization and Culture
ASH 4384	History of Women in Asia
ASH 4404	History of China
EUH 2030	Western Civilization: Europe in the Modern Era
EUH 3282	European History, 1945 to Present
EUH 3570	Russian History
EUH 3576	Russian Revolution and the Soviet Union
EUH 4033	Nazism and the Holocaust
EUH 4286	Topics in European History
EUH 4462	History of Modern Germany
LAH 3132	The Formation of Latin America
LAH 3200	Latin America: The National Period
LAH 3450	Central America
LAH 3718	History of U.S.-Latin American Relations
LAH 3740	Comparative History of Latin American Rebellions and Revolutions
LAH 4932	Topics in Latin American History
WOH 3281	Jewish History to 1750
WOH 3282	Modern Jewish History

International Relations

INR 3214	International Relations of Europe
INR 3223	Japan and the United States
INR 3224	International Relations of East Asia
INR 3226	International Relations of Central Asia and the Caucasus
INR 4232	International Relations of China
INR 3243	International Relations of Latin America
INR 3246	International Relations of the Caribbean
INR 3252	International Relations of North Africa

INR 3253	International Relations of Sub-Saharan Africa
INR 3262	International Relations of Russia and the Former USSR
INR 3274	International Relations of the Middle East
INR 3331	European Foreign and Security Policy
INR 4082	Islam in International Relations
INR 4085	Women and Men in International Relations
INR 4084	Ethnicity in World Politics
CPO 4726	Ethnicity and Nationalism
INR 4091	Ethical Problems in International Relations

Political Science

CPO 3204	African Politics
CPO 3304	Politics of Latin America
CPO 3403	Politics of Middle East
CPO 3502	Politics of Far East
CPO 3643	Russian Politics
CPO 4034	The Politics of Development and Underdevelopment
CPO 4053	Political Repression and Human Rights
CPO 4057	Political Violence and Revolution
CPO 4303	Politics of South America
CPO 4323	Politics of the Caribbean
CPO 4333	Politics of Central America
CPO 4340	Politics of Mexico
CPO 4360	Cuban Politics
CPO 4401	The Arab-Israeli Conflict
CPO 4461	Politics of Eastern Europe
CPO 4541	Politics of China
INR 4084	Ethnicity in World Politics

Religious Studies

ASN 4510	Dynamics of Asia
ASN 5315	Topics in Modern Asia
REL 3148	Violence and the Sacred
REL 3170	Ethics in World Religion
REL 3308	Studies in World Religions
REL 3310	Introduction to Asian Religions
REL 3313	Sources of Modern Asian Society
REL 3362	Islamic Faith and Society
REL 3443	Liberation Theology
REL 3672	Religion and Society in Israel
REL 4351	Religion and Japanese Culture
REL 4370	African Religions
REL 4441	Religion and the Contemporary World

Sociology

ANT 3212	World Ethnographies
ANT 3451	Anthropology of Race and Ethnicity
ANT 4211/	
ANT 4327	Area Studies
ANT 4306	The Third World
ANT 4324	Mexico
ANT 4332	Latin America
ANT 4340	Cultures of the Caribbean
ANT 4343	Cuban Culture and Society
ANT 4352	African Peoples and Culture
SYD 3650	Sociology of Gender and Power in Asia
SYD 4237	Immigration and Refugees
SYD 4630	Latin American and Caribbean Societies
SYD 4704	Seminar in Ethnicity
SYP 4441	Sociology of World Development

Portuguese Interpretation Studies Certificate Program

John B. Jensen, *Modern Languages*

Coordinating Committee

John B. Jensen, *Modern Languages*

Erik Camayd-Freixas, *Modern Languages*

Augusta Vono, *Modern Languages*

The Portuguese Interpretation Studies professional certificate offers sequences of courses designed to help prepare bilingual speakers to work professionally in the field of Portuguese-English and English-Portuguese interpretation (oral translation). Courses provide both the theoretical bases for the work and extensive practice. Because classes are small and most class work is individualized, the program is intended to meet the needs of both students with no prior experience and of working professionals.

Requirements

Language Preparation:

The language competence required for success in the program is such that students must have either native Portuguese with near-native English, or the reverse, with native English and near-native Portuguese. In either case, students are expected to have strong formal study of both languages and a period of residence where each is the national language. Students may need to enhance their formal knowledge of one or both of their languages through specific course work, upon advice from the program Director. *It is not anticipated that students whose only contact with the second language has been in the classroom will be sufficiently prepared to undertake the Certificate.*

Core Courses (12):

PRT 3810	Introduction to Portuguese Translation and Interpretation	3
PRT 3812	Portuguese Interpretation I	3
PRT 4813	Portuguese Interpretation II	3
PRT 4814	Portuguese Interpretation III	3

Electives (6):

At least one of the two courses must be from the language area; the second course may be in either language or culture/social studies. Other courses may also be acceptable upon approval.

Language

POR 3400	Advanced Oral Portuguese	3
SPC 2050	Voice and Diction	3
SPC 2608	Public Speaking	3
LIN 3010	General Linguistics	3
LIN 5211	Applied Phonetics [pre: LIN 3010]	3
SPT 4806	Oral Skills for Interpreters	3

Culture/Social Studies

POR 3500	Luso-Brazilian Culture	3
LAH 4600	History of Brazil	3
LAH 2020	Latin American Civilization	3
AMH 2041	Origins of American Civilization	3
AMH 2042	Modern American Civilization	3
LAH 3718	History of US-Latin American Relations	3

A grade of "C" or better is required in all courses (C- is not acceptable).

Students who wish to complete both the Translation Certificate and the Interpretation Certificate may count PRT 3810 and ONE Cultural/Social Studies course toward both certificates.

Portuguese Language and Brazilian Culture Studies Certificate Program

Nicola Gavioli, *Modern Languages*

Augusta Vono, *Modern Languages*

This certificate is offered as an alternative to the regular Portuguese language major in the Department. The certificate supplements existing, related certificate programs, such as those in Portuguese Translation Studies, Portuguese Interpretation Studies, Latin American and Caribbean Studies, and the Professional Language Certificate Programs.

We hope to be able to equip students who have majors, minors in other departments with highly satisfactory competence in Portuguese and a very positive understanding of the culture of Brazil, in order to aid them in whatever endeavors they should pursue.

Our program offers some special features for majors, minors, and certificate students: A regular summer-time study abroad in Belo Horizonte, Brazil; the opportunity to obtain a proficiency certificate administered by the Brazilian Ministry of Education and Culture--FIU is one of only three authorized examination centers in the United States; an active Brazilian Club; and a nascent Resource Center offering an excellent collection of books and other learning materials.

Required Credits

Minimum of 18 credits. Students who come into the program without previous Portuguese study may take up to 25 required credits, depending on the language track they choose and any exemptions they receive for prior knowledge. See below for details. All courses must have a grade of "B-" or higher to qualify.

Required Courses

I. Basic Language: (9 or 10 credits)

POR 1130	Portuguese I	5
POR 1131	Portuguese II	5
or		
POR 3202	Accelerated Portuguese I	5
POR 3233	Accelerated Portuguese II	5
or		
POR 2340	Portuguese for Heritage Speakers I	3
POR 2341	Portuguese for Heritage Speakers II	3
POR 3343	Advanced Portuguese for Heritage Speakers	3

(Course numbers are provisional as suggested in current new course proposals)

2. Three additional core courses, as follows: (9 credits)

POR 3400	Advanced Oral Communication	3
POR 3420	Review Grammar and Writing I	3
or		
POR 3421	Review Grammar and Writing II	3

POW 3284 Brazilian Short Story 3

3. One additional elective course, chosen from among the following departmental offerings: (3 credits)

POR 3440 Business Portuguese 3
 POR 3500 Luso-Brazilian Culture 3
 POR 4480 Twentieth Century Brazilian Novel 3
 POW 4701 Masterworks of Brazilian Literature 3
 PRT 3810 Introduction to Portuguese Translation and Interpretation 3

4. One additional elective course, chosen from among the following out-of-department offerings: (3 credits)

LAH 2020 Latin American Civilization 3
 LAH 4600 History of Brazil 3
 ECS 3401 The Brazilian Economy (two prerequisites required) 3
 LIN 3013 General Linguistics 3

Note: Students who come into the program fluent in Portuguese may be exempted from all or a part of the Basic Language sequence by interview and examination. Any student so exempted will not be required to make up all of the credits in other courses, except that the minimum number of credits taken for the Certificate must be 18 hours. Students who take the Heritage sequence, rather than the regular beginning or accelerated courses, will have only 9 credits of language required, subject to further reduction by exemption.

Substitutions for the above courses will be considered only under special circumstances, such as a course not being available. Such substitutions must be authorized in writing by a memorandum in the student's file signed by the program director or advisor.

Portuguese Translation Studies Certificate Program

John B. Jensen, *Modern Languages*

Coordinating Committee

Erik Camayd-Freixas, *Modern Languages*

Augusta Vono, *Modern Languages*

The Portuguese Translation Studies professional certificate offers sequences of courses designed to help prepare bilingual speakers work professionally in the fields of Portuguese-English and English-Portuguese translation (that is, written documents). Courses provide both the theoretical bases for the work and extensive practice. Because classes are small and most class work is individualized, the program is intended to meet the needs of both students with no prior experience and of working professionals.

Requirements

Language Preparation:

The language competence required for success in the program is such that students must have either native Portuguese with near-native English, or the reverse, with native English and near-native Portuguese. In either case, students are expected to have strong formal study of both languages and a period of residence where each is the

national language. Students may need to enhance their formal knowledge of one or both of their languages through specific course work, upon advice from the program Director. *It is not anticipated that students whose only contact with the second language has been in the classroom will be sufficiently prepared to undertake the Certificate.*

Core Courses (12):

PRT 3810 Introduction to Translation and Interpretation 3
 PRT 3800 Portuguese Translation I 3
 PRT 4801 Portuguese Translation II 3
 PRT 4802 Portuguese Translation III 3

Electives (6):

At least one of the two courses must be from the language area; the second course may be in language, or culture/social studies. Other courses may also be acceptable upon approval.

Language

POR 3440 Portuguese for Business 3
 POR 3421 Review Grammar and Writing II 3
 ENC 4260 Advanced Professional Writing 3
 ENC 3213 Professional and Technical Writing 3
 CRW 2001 Introduction to Creative Writing 3
 LIN 3010 I Introduction to General Linguistics 3

Culture/Social Studies

POR 3500 Luso-Brazilian Culture 3
 LAH 4600 History of Brazil 3
 LAH 2020 Latin American Civilization 3
 AMH 2041 Origins of American Civilization 3
 AMH 2042 Modern American Civilization 3
 LAH 3718 History of US-Latin American Relations 3

A grade of "C" or better is required in all courses (C- is not acceptable).

Students who wish to complete both the Translation Certificate and the Interpretation Certificate may count PRT 3810 and ONE Cultural/Social Studies course toward both certificates.

Post-baccalaureate Undergraduate Premedical Certificate

John T. Landrum, *Director, Pre-Health Professions*
Advising and Professor, Chemistry and Biochemistry

Steering Committee

Michael Brown, *Assistant Professor, Biomedical Engineering*

Bruce Dunlap, *Professor, Chemistry and Biochemistry*

Kenton Harris, *Assistant Dean, College of Arts and Sciences, Philosophy*

Jeffrey Joens, *Professor, Chemistry and Biochemistry*

Caroline Simpson, *Associate Professor, Physics*

The certificate consists of a minimum of 15 credits of upper division premedical coursework, as well as up to an additional 35 credits of prerequisite coursework depending on the academic background of the student. It is designed to enable students to take the coursework required for medical school admission, to facilitate success on the

MCAT exam, and due to its interdisciplinary nature, enhance understanding of medical issues.

Admissions Requirements

Any student already holding a BA or BS degree is eligible to apply for this certificate program. Through the Pre-Health Professions Advising Center, a wide variety of student services and opportunities are available to the students in this program as they are for the traditional FIU premedical students.

Prerequisite(s):

The following courses are required for admissions to medical school and to many other health professional schools. They are also prerequisites for course work required by this certificate program. Once enrolled in the Post-baccalaureate Undergraduate Premedical Certificate Program, any of these courses not already completed must be taken at FIU. **A grade of "C" or better is required in all courses ("C-" is not acceptable).**

CHM 1045	General Chemistry I	3
CHM 1045L	General Chemistry Lab I	1
CHM 1046	General Chemistry II	3
CHM 1046L	General Chemistry Lab II	1
BSC 1010	General Biology I	3
BSC 1010L	General Biology I Lab	1
BSC 1011	General Biology II	3
BSC 1011L	General Biology II Lab	1
PHY 2053	Physics without Calculus I	4
	or	
PHY 2048	Physics with Calculus I	4
PHY 2048L	General Physics Lab I	1
PHY 2054	Physics without Calculus II	4
	or	
PHY 2049	Physics with Calculus II	4
PHY 2049L	General Physics Lab II	1
CHM 2210	Organic Chemistry I	4
CHM 2210L	Organic Chemistry Lab I	1
CHM 2211	Organic Chemistry II	3
CHM 2211L	Organic Chemistry Lab II	1

Required Courses (12 credits):

BCH 3033	General Biochemistry	3
	or	
CHM 4304	Biological Chemistry I	3
PCB 3063	Genetics	3
PCB 4023	Cell Biology	3

One Physiology Course at the 3000 level or higher with the approval of the Certificate Program Director. 3

Elective Courses (3 credits):

Must complete ONE of the following. A grade of "C" or better is required in all courses ("C-" is not acceptable).

REL 3180	Medical and Bioethics	3
PHI 4633	Biomedical Ethics	3
ANT 3462	Medical Anthropology	3
SYO 3400	Medical Sociology	3

Additional Requirements

To remain in the Post-baccalaureate Undergraduate Premedical Certificate Program students must maintain a **3.0** overall/institutional GPA or higher. To be awarded the Post-baccalaureate Undergraduate Premedical Certificate the student must achieve a minimum overall GPA of **3.0**.

Pre-Modern Cultures Certificate

Gwyn Davies, *Director, History*

Steering Committee

N. David Cook, *History*

Carol Damian, *Art and Art History*

Steven Heine, *Religious Studies*

Kathryn McKinley, *English*

Joseph Patrouch, *History*

The Pre-Modern Cultures Certificate Program is an eighteen credit course of study intended to enable students to gain an interdisciplinary concentration in various aspects of pre-modern culture (before 1700 CE). It is designed to enhance an undergraduate's understanding of the pre-modern cultures of the globe, and particularly to complement that student's major courses of study in fields such as Anthropology, English, History, Humanities, Modern Languages, Philosophy, Religious Studies and Visual Arts by familiarizing them with additional disciplinary approaches. The Certificate permits the in-depth exploration of one cultural area during Pre-Modernity, while developing a familiarity with analogous eras in other parts of the world, thus providing the student with both trans-temporal and cross-cultural comparative perspectives.

Courses are to be chosen from the following list in consultation with and approval of a member of the Steering Committee or other faculty advisor. A grade of "C" or better is required for all courses ("C-" is not acceptable). This listing should be understood as a partial list. Students should consult with an advisor for the certificate program about current course offerings.

At least 18 semester hours from the following certificate program course listing, or others approved by the certificate program advisor. Students must take one Introductory Core class. The five remaining courses are to be drawn from the disciplinary Concentration Areas. Of the total six courses counted towards the certificate, four must be from a base region and two from the comparative region. The regions are defined as Africa, Asia, Europe, Latin America and North America. Up to two courses which deal with the entire World may be counted toward fulfillment of either the base or comparative region requirement. For example, one course of study might include pre-modern courses distributed as two World, two Asia, and two Latin America, while another might include pre-modern courses distributed as four Europe and two World. The steering committee will occasionally offer special comparative courses, some team-taught, which will substitute for any Core or Concentration Area course. Students may substitute a maximum of two independent studies for Concentration Area classes with the written approval of the Program Director. Special topics and other relevant courses (for example Study Abroad Programs or participation in archaeological digs) may be substituted with the written approval of the Program Director. Students are strongly encouraged to study relevant languages.

Requirements

Introductory Core Courses: (18)

LIT 2110	World Literature
AMH 2041	Origins of American Civilization

EUH 2011	Western Civilization: Early European Civilization
EUH 2021	Western Civilization: Medieval to Modern Europe
LAH 2020	Latin American Civilization
WOH 2001	World Civilization
ARH 2050	Art History Survey
ENL 2011	Survey of British Literature
ARC 2701	History of Design from Antiquity to Middle Ages
GLY 2072	Earth's Climate and Global Change
ANT 4352	African Peoples and Cultures
LAA 3712	History of Landscape Architecture
MUH 3211	Music History Survey I
REL 3308	World Religions
WOH 3281	Jewish History to 1750

Concentration Areas History: (19)

AFH 4100	History of Africa I
AMH 3012	American History, 1600-1763
EUH 3411	Ancient Rome
EUH 4501	England to 1688
EUH 4600	Key Texts in Western Culture to the Renaissance
EUH 3120	Europe in the Central Middle Ages
EUH 3121	Europe in the Earlier Middle Ages
EUH 3122	Europe in the Later Middle Ages
EUH 3181	Medieval Culture
EUH 4200	17th Century Europe
EUH 4300	Byzantine History
EUH 4312	History of Spain
EUH 4432	Between Empire and Renaissance: Italy in the Middle Age
EUH 4440	The Making of Medieval France
EUH 4025	Saints, Relics, and Miracles in Medieval Europe
EUH 4123	Medieval Holy War
EUH 4187	Topics in Medieval European History
EUH 3142	Renaissance and Reformation
EUH 4613	Social History of Early Modern Europe
LAH 3132	The Formation of Latin America
LAH 4471	Colonial Caribbean in Comparative Perspectives

Civilization and Culture: (20)

HUM 3214	Ancient Classical Culture and Civilization
HUM 3435	The Medieval World
HUM 3231	Renaissance and Baroque Cultures
ARH 4151	Roman Art
ARH 3350	Baroque Art
ARH 4310	Early Italian Renaissance
ARH 4311	The Art of Venice
ARH 4312	Later Italian Renaissance
ARH 4652	Pre-Columbian Art of the Andes
ARH 4653	Mesoamerican Art
ARH 4650	Pre-Columbian Art
ANT 4312	American Indian Ethnology
ANT 4164	Inca Civilization
ANT 4328	Maya Civilization
ANT 4332	Latin America

Languages and Literature: (27)

AML 4213	Studies in Colonial and Early American Literature
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AML 4210	Colonial Literature
LIN 4122	Historical Linguistics
LAT 3202	Latin Prose Writers
ENL 4210	Studies in Medieval Literature
ENL 4212	Medieval Women Writers
ENL 4311	Chaucer
ENL 4161	Renaissance Drama
ENL 4225	Spenser
ENL 4220	Renaissance: Prose and Poetry
ENL 4320	Shakespeare: Histories
ENL 4321	Shakespeare: Comedies
ENL 4322	Shakespeare: Tragedies
ENL 4341	Milton
LIT 3132	Arthurian Literature
LIT 4041	17th Century Drama
FRE 4840	History of Language I
FRE 4841	History of Language II
FRW 3200	French Literature I
FRW 4410	French Medieval Literature
FRW 4212	French Classical Prose
FRW 4310	17th Century French Drama
FRW 4420	16th Century French Literature
SPW 3423	Masterworks of the Golden Age
SPW 3604	Don Quixote
SPW 4334	Golden Age Poetry
SPW 4424	Golden Age Drama

Thought and Belief: (22)

PHH 3100	Ancient Philosophy
PHH 3200	Medieval Philosophy
PHH 3401	16th & 17th Century Philosophy
PHI 3762	Eastern Philosophy and Religious Thought
POT 3054	Modern Political Theory
POT 3013	Ancient to Medieval Political Thought
REL 3209	The Dead Sea Scrolls
REL 3250	Jesus and the Early Christians
REL 3270	Biblical Theology
REL 3280	Biblical Archeology
REL 3320	Moses, Jesus, Muhammed
REL 3325	Religions of Classical Mythology
REL 3330	Religions of India
REL 3510	Early Christianity
REL 3551	Mary and Jesus
REL 3625	Introduction to Talmud
REL 4251	Jesus and Paul
REL 3520	Saints, Witches, and Cathedrals
REL 3530	Protestantism
REL 3532	Reformation
REL 3340	Survey of Buddhism
REL 4345	Zen Buddhism
REL 4351	Religion and Japanese Culture
REL 3314	Religion on the Silk Road
REL 4311	Religions Classics of Asia

Professional Language Certificate Program

John Jensen, *Modern Languages*

Coordinating Committee

Maida Watson, *Modern Languages*

The Professional Language Certificate is a fifteen-credit course of study designed to offer both pre- and post-

baccalaureate students, as well as degree-seeking students, specialization in foreign languages applicable to various professional endeavors. The certificate program is divided into separate tracks specified by language and application.

For all students, the certificate represents a way to gain specialized language knowledge. For students pursuing a degree, the certificate should be understood as a complement to the student's major area of study. Non-degree seeking students can use the certificate as a demonstration of their proficiency in specific foreign languages in their professional contexts.

Total credits Required in One Track: 15 semester hours. A grade of "C" or better is required for all courses (C- is not acceptable).

Requirements

Spanish for Business Track

Prerequisite Courses: Before entering the certificate program, the student must have completed the following course or demonstrated an equivalent language proficiency through examination.

SPN 2200	Intermediate Spanish (Non-native speakers)	3
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I. Required Courses: At least 15 semester hours of courses from the following certificate program course listing, or others approved by the certificate program advisor.

SPN 2201	Intermediate Spanish II (Non-native speakers)	3
	or	
SPN 2340	Intermediate Spanish for Native Speakers	3
SPN 3301	Review Grammar/Writing (Non-native speakers)	3
	or	
SPN 2341	Accelerated Intermediate Spanish for Native Speakers	3
SPN 3440	Spanish Business Composition/Correspondence	3

II. Elective Courses: With program advisor's approval, a maximum of 6 credits may be taken from the following lists, with no more than 3 credits from Section A and 3 credits from Section B. This is a partial list: depending upon specific course content, other courses in International Business, Finance, Marketing, etc., may apply. Students consult the certificate advisor regarding additional courses.

Section A (maximum of 3 credits)

SPN 3422	Advanced Grammar and Composition I	3
SPN 4520	Spanish American Culture	3
SPN 4500	Spanish Culture	3
SPT 4807	Practica in Business Translation	3

Section B (maximum of 3 credits)

ECS 3402	The Political Economy of South America	3
ECS 3403	Economics of Latin America	3
FIN 4604	International Financial Management	3
MAN 4600	International Management	3
MAN 4660	Business in Latin America	3

Portuguese for Business Track

Prerequisite Courses: Before entering the certificate program, the student must have completed one of the following courses or demonstrated an equivalent language proficiency through examination.

POR 1131	Portuguese II	5
POR 3202	Accelerated Portuguese I	5

I. Required Courses: Courses are to be chosen from the following list in consultation with and approval of the advisor.

POR 2200	Intermediate Portuguese	3
	or	
POR 3233	Accelerated Portuguese II	5
POR 3420	Review Grammar/Writing	3
POR 3440	Portuguese for Business	3

II. Elective Courses: With program advisor's approval, a maximum of 6 credits may be taken from the following lists, with no more than 3 credits from Section A and 3 credits from Section B. This is a partial list: depending upon specific course content, other courses in International Business, Finance, Marketing, etc., may apply. Students consult the certificate advisor regarding additional courses.

Section A (maximum of 3 credits)

POR 3400	Advanced Oral Communication	3
POR 3500	Luso-Brazilian Culture	3
PRT 3810	Introduction to Translation and Interpretation	3

Section B (maximum of 3 credits)

ECS 3401	The Brazilian Economy	3
ECS 3402	The Political Economy of South America	3
FIN 4604	International Financial Management	3
MAN 4600	International Management	3
MAN 4660	Business in Latin America	3

Certificate in Professional Leadership Studies

Coordinating Committee

Meredith Newman, Chair, Public Administration

Beverly Dalrymple, Co-Director, Center for Leadership
& Service

Barbara Anderson, Health Sciences

Gloria Deckard, Health Policy and Management

Keith Revell, Public Administration

Mary Helen Hayden, Social Work

Galen Kroeck, Business

Diann Newman, Hospitality Management

Recent studies by the Center for Creative Leadership have concluded that leadership is evolving and approaches focusing on flexibility, collaboration, crossing boundaries and collective leadership are expected to become a high priority. This emerging view of leadership as an inclusive and collective networked activity occurring throughout organizations stresses the need for all students to develop their leadership capacity as they prepare for their future careers and community roles.

The Certificate in Leadership Studies prepares students for this changing nature of leadership through

coursework and practice that emphasizes relationship building, change management, global dynamics, intercultural understanding and collaboration.

The goal of this certificate program is to foster leadership in the FIU student body by encouraging a consideration of leadership from multiple perspectives and contexts. Through involvement with the campus and community, students will become engaged in their own professional leadership education and development.

Requirements

The Certificate Program requires completion of 18 credit hours of coursework. Students must earn a "C" or better in courses for the Certificate.

All students are required to take 3 core courses (9 credits) which include an introductory course, values and ethics course, and a global perspectives course. Students fulfill the remaining 9 credits by taking 3 electives consistent with their academic and career objectives, one of which must be in Public Administration and one from another area in the School of International and Public Affairs (SIPA).

Required Courses: (9 credits)

PAD 3431	Exploring Leadership: Yourself, Your Organization and Your Community	3
PAD 4046	Values, Ethics and Conflict Resolution	3
SSE 4380	Developing a Global Perspective	3

Electives: (a total of 9 credits)

SCHOOL OF INTERNATIONAL AND PUBLIC AFFAIRS (SIPA) – must include at least one course from Public Administration and one course from another SIPA area.

Public Administration

PAD 4140	Introduction to Management of Public and NonProfit Organizations	3
PAD 4141	Citizen Participation and Community Empowerment	3
PAD 3034	Policy Development and Implementation	3
PAD 4442	Public Relations for Public Managers	3
PAD 3438	Communication Skills for Policy and Management	3
PAD 3430	Personal Growth and Organizational Development	3
PAD 4432	Administrative Leadership and Behavior	3

Global and Sociocultural Studies

ANT 3212	World Ethnographies	3
GEO 3001	Geography of Global Change	3
SYP 3456	Societies in the World	3

Criminal Justice

CCJ 3450	Criminal Justice Administration	3
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Politics and International Relations

POS 3413	The Presidency	3
POS 3424	The Legislative Process	3
INR 3081	Contemporary International Problems	3
INR 3303	Foreign Policymaking	3

Other Electives: (3 credits)

COLLEGE OF ARTS AND SCIENCES

WST 4931	Women in Leadership	3
INP 4313	Organizational Psychology	3
MSL 4301	Leadership and Management	3
MSL 4302	Officership	3

COLLEGE OF ARCHITECTURE AND THE ARTS

Communication Arts

SPC 4445	Corporate Communication Theory and Leadership Dynamics	3
SPC 3425	Small Group Communication	3
SPC 3540	Persuasion	3

ROBERT STEMPLE COLLEGE OF PUBLIC HEALTH AND SOCIAL WORK

Health Services Administration

HSA 3180	Management for the Health Professions	3
HSA 4110	Health Care Organizational Behavior	3

Social Work

SOW 4932	Current Topics in Social Work: Service Learning – Social Change and Social Issues	3
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COLLEGE OF BUSINESS ADMINISTRATION

MAN 4711	Business-Community Leadership	3
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SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT

HFT 4545	Managing High-Functioning Teams	3
HFT 4295	Leadership in the Hospitality Industry	3

Public Policy Studies Certificate Program

David K. Twigg, *Interim Director, Institute for Public Policy and Citizenship Studies*

Coordinating Committee:

Harvey A. Averch, *Public Administration*

J. Scott Briar, *Social Work*

Lisandro O. Perez, *Global and Sociocultural Studies*

Raul Moncarz, *Economics*

Rebecca A. Salokar, *Politics and International Relations*

The academic Certificate Program in Public Policy Studies is an interdisciplinary certificate program. It provides degree-seeking students with a critical understanding of how public policy is created, how it is implemented, and how it transforms daily life.

Besides providing the students with a wide range of interdisciplinary perspectives on public policy, the certificate program also provides students with practical experience by placing them in internships with public and political organizations in South Florida, Tallahassee, and Washington, D.C. For those students looking for careers in public policy, this experience could well be crucial.

Requirements

The certificate program requires completion of 21 semester hours of college credit. POS 2042 American Government is recommended as a prerequisite course. All students must then complete a common core of coursework by selecting one course from each of the following three core course categories for a total of nine hours. Then, the student must fulfill the requirements of one of the three internship tracks: Federal Policy, (12 hours), State Policy (12 hours), or Local Policy (12 hours).

Core Courses: (9)

1) Select one of the following three hour courses:		
ECO 3021	Economics and Society-Micro	3
ECO 2023	Principles of Microeconomics	3

ECO 3011	Economics and Society - Macro	3
ECO 2013	Principles of Macroeconomics	3
2) Select one of the following three hour courses:		
POS 3424	The Legislative Process	3
PAD 3033	Administrators and the Legislative Process	3
PAD 4223	Public Sector Budgeting	3

3) Select one of the following three (3) semester hour Certificate Courses listed below. Students are encouraged to take a public policy issues course in their major, if it is offered, to satisfy this requirement.

Certificate Courses

The following courses fulfill certificate requirements for core courses and those exercising the Local Policy track. This is a partial list. The student should consult with the IPPCS about current course offerings. Other courses may be substituted upon approval of the IPPCS. Transfer students may only transfer up to two courses from institutions previously attended. The program is intended to expand student options, and complement other certificate programs.

Biology

BSC 5825	Wildlife Biology
OCB 5635	Coral Reef Ecology, with lab
PCB 3241	Physiology of Aging
PCB 5358	Everglades Research and Resource Management
PCB 5686	Population Biology

Business Administration

MAN 3550	Managerial Decision Making
MAN 4711	Business-Community Leadership
TAX 4001	Income Tax Accounting
TRA 4411	Airport Management

Civil and Environmental Engineering

ENV 5007	Environmental Planning
ENV 5062	Environmental Health
ENV 5659	Regional Planning Engineering
ENV 5666	Water Quality Management
TTE 6506	Urban Mass Transit and Transportation Planning

Construction Management

BCN 3640	Economic Planning for Construction
BCN 5755	Construction Accounting and Finance

Criminal Justice

CJL 3512	The Courts
CJC 3010	Corrections
CCJ 3501	Juvenile Justice
CCJ 5285	Advanced Seminar in Courts
CCJ 5347	Correctional Intervention Strategies
CCJ 5525	Seminar in Judicial Delinquency

Economics

ECO 3041	Consumer Economics
ECO 4321	Radical Political Economy
ECO 4504	Introduction to Public Finance
ECO 4622	Economic Development of the United States
ECO 4701	World Economy
ECO 4703	International Trade Theory and Policy
ECO 4713	International Macroeconomics

ECO 4733	Multinational Corporations
ECP 3123	Economics of Poverty
ECP 3302	Introduction to Environmental Economics
ECP 3533	Health Systems Economics
ECP 3613	Introduction to Urban Economics
ECP 3203	Introduction to Labor Economics
ECP 4204	Theory of Labor Economics
ECP 4314	Natural Resource Economics
ECP 4403	Principles of Industrial Organization

Education

EDF 6852	Educational Developmental Issues in Context: A Multidisciplinary Perspective
EEC 4301	Trends in Early Childhood Education
EEX 5771	Personal Foundations and Transitional Services for Individuals with Disabilities
HME 5255	Independent Living for the Handicapped
LEI 3437	Program Development in Parks and Recreation
LEI 5510	Program Administration in Parks and Recreation

Earth and Environment

EVR 3011	Environmental Resources and Pollution
EVR 3013	Ecology of South Florida
EVR 4022	Survey of Environmental Problems II
EVR 4211	Water Resources
EVR 4231	Air Resources
EVR 4310	Energy Resources
EVR 5236	Air Pollution Dynamics

Health Services Administration

HSA 3111	Health and Social Service Delivery Systems
HSA 4110	Health Care Organization and Administration
HSA 4113	Issues and Trends in Health Care Delivery
HSA 4141	Program Planning and Evaluation
HSA 4150	Issues in Health Policy
HSA 4421	Legal Aspects and Legislation in Health Care

History

AMH 4130	The American Revolution
AMH 4140	The Age of Jefferson
AMH 4160	The Age of Jackson
AMH 4251	The Great Depression
AMH 3560	History of Women in the United States

International Relations

GEO 3602	Urban Geography
GEO 5415	Topics in Social Geography
HFT 3700	Fundamentals of Tourism
INR 3043	Population and Society

Journalism and Mass Communication

ADV 4300	Media Planning
JOU 4101	In-Depth Reporting
MMC 4609	Integrated Communication Research Strategy
PUR 4100	Writing for Public Relations
PUR 4101	Publications Editing and Design
PUR 4106	Advanced PR Writing
PUR 6607	Advertising and Public Relations Management

PUR 6806 Integrated Communication Planning

Labor Studies

LBS 4401 Labor Negotiations
 LBS 3001 Introduction to Labor Studies
 LBS 4101 Theories of the Labor Movement
 LBS 4150 Contemporary Labor Issues
 LBS 4210 Women And Work
 LBS 4461 Labor Dispute Resolution
 LBS 4501 Labor Law

Architecture and The Arts

ARC 2304 Design Studio 4

Music

MUM 4301 Business of Music
 MUM 4302 Business of Music II

Political Science

POS 4071 Corporate Power and American Politics
 POS 3152 Urban Politics
 POS 3283 The Judicial Process
 POS 3413 The Presidency
 POS 3424 The Legislative Process
 POS 3443 Political Parties
 POS 3603 Constitutional Law: Powers
 POS 3604 Constitutional Law: Limitations
 POS 4122 State Government and Politics
 POS 4154 Topics in Urban Politics and Policy
 POS 4463 Interest Group Politics
 POS 4605 Gender and the Court
 POS 4930 Topics in Public Law
 POT 3204 American Political Thought
 PUP 4004 Public Policy: U.S.
 POS 4035 Environmental Politics
 POS 4072 Women in Politics
 PUP 5934 Topics in Public Policy

Psychology

CLP 5185 Current Issues in Mental Health
 CYP 3003 Introduction to Community Psychology

Public Administration

PAD 3033 Introduction to Public Administration
 PAD 3034 Policy Development and Implementation
 PAD 3804 Government and Administration of Metropolitan Areas
 PAD 4103 Politics of Administrative Organizations
 PAD 4223 Public Sector Budgeting
 PAD 4432 Administrative Leadership and Behavior
 PAD 5256 Public Economics

Social Work

SOW 3232 Social Welfare Policy and Services I
 SOW 3233 Social Welfare Policy and Services II
 SOW 3203 Introduction to Social Work
 SOW 4654 Child Welfare: Policy and Practice
 SOW 5109 Crisis in the Lives of Women
 SOW 5235 Social Welfare Policy and Services
 SOW 5641 Understanding the Process of Aging
 SOW 5710 Current Issues in Addiction Practices

Global and Sociocultural Studies

ANT 3442 Urban Anthropology
 ANT 4273 Law and Culture
 ANT 4406 Anthropology of War and Violence
 SYD 4410 Urban Sociology
 SYD 4700 Minorities/Race and Ethnic Relations

SYD 3804 Sociology of Gender
 SYO 3250 School and Society
 SYO 4571 Organizations and Society
 SYP 3520 Criminology
 SYP 3530 Delinquency
 SYP 4730 Sociology of Aging

Public Policy Tracks**Federal Policy (Intern Semester - 12 hours)**

This internship is offered during the summer and involves the student taking an internship with a governmental, nongovernmental, or political organization in the nation's capital. The specifics of the internship are agreed upon by the student and the IPPCS advisor and the student receives six semester hours of credit. The student attends an intensive two week course at FIU before leaving for the internship. While in Washington, all FIU interns are required to attend a course designed to inform them of the workings of public policy on the national and international levels: students receive three hours of credit for a seminar in Washington. Students are responsible for their own room and board, although the Institute assists as much as possible in arranging housing and financial aid. The Washington, D.C. internship option is worth a total of 12 semester hours.

PUP 4004	Public Policy: U.S. <i>(Cross-listed with PAD 3034 Public Policy and its Administration (Pre-internship Seminar))</i>	3
PAD 4024	Concepts and Issues in Public Administration <i>(Cross-listed with PUP 4931 Topics in Public Policy: Federal Policy Making, to be offered in Washington, D.C.)</i>	3
	Supervised Summer Internship in Washington, D.C.	6

Students are to register for the internship, field study or independent study course in their department (e.g., PAD 4940, POS 4944, POS 4941)

State Policy (Intern Semester - 12 hours)

Students with senior status are placed in nonpaying internships in State of Florida government agencies. Advisors from the IPPCS work with students to determine which agency is most suitable, depending upon the student's interests. This internship is held during the Spring Term in order to coincide with the State's legislative session. Students attend an intensive two week introductory course at FIU before leaving for Tallahassee. While in Tallahassee, in addition to their internship responsibilities, which are worth six semester hours, students attend a once a week seminar with other interns. This class will be coordinated by the IPPCS and features guest lecturers from governmental and political organizations. Although the students are responsible for their own room and board, the Institute helps to arrange housing and assists in the application for financial aid. The Tallahassee Internship option is worth a total of 12 semester hours.

PUP 4004	Public Policy: U.S. <i>(Crosslisted with PAD 3034: Public Policy and its Administration (Pre-Internship Seminar))</i>	3
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PAD 4024	Concepts and Issues in Public Administration (Crosslisted with POS 4122 State Government & Politics (Seminar), to be offered in Tallahassee.)	3
Supervised Spring Internship in Tallahassee		6

Students are to register for the internship, field study or independent study course in their department (e.g., PAD 4940, POS 4944, POS 4941)

Local Policy (Intern Semester - 12 hours)

This option may be the most viable for those who want to earn the certificate, but who are unable to leave South Florida for an internship. This option is designed to be as flexible as possible. The nature of this option is worked out between the student and the IPPCS advisor. The student receives three credit hours for whichever courses are completed, including a local internship. Courses must be taken in at least two different disciplines, at least one being outside the student's departmental major. Core courses may not count toward the fulfillment of these requirements.

PUP 4004	Public Policy: U.S. Cross-listed with PAD 3034: Public Policy and its Administration (students may enroll in the regular semester course or a pre-internship seminar)	3
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Urban Policy Elective		3
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Students may select one of the following:

SYD 4410	Urban Sociology	3
POS 3152	Urban Politics	3
	or	
POS 3283	The Judicial Process	3

One of the following: (3)

POS 4941	Legislative Internship	3
PAD 4940	Public Administration Internship	3
	or	
POS 4944	Judicial Internship	3

Certificate Course Elective (3)

South and Southeast Asia Area Studies Certificate Program

Steven Heine, *Director, Asian Studies*

Nathan Katz, *Religious Studies*

Coordinating Committee

Mahadev Bhat, *Earth and Environment*

Krishnan Dandapani, *Finance, CBA*

Vrushali Patil, *Women's Studies and Global and Sociocultural Studies*

Andrea Seidel, *Theatre and Dance*

This certificate program offers an 18-credit sequence of courses and is intended to provide students with a rich learning experience about an increasingly important region of the world, and is intended to enhance the student's competitiveness upon graduation. The program provides a multidisciplinary approach covering issues in geography, history, politics, religion, sociology/anthropology, and international relations

Prescribed Courses and Other Requirements

All students are to choose from the courses listed below with the approval of the Director with a grade of C or better. **These courses represent a partial list; students should consult with an advisor for the certificate program about current course offerings and a full list of courses accepted for the certificate.**

ASH 4384	History of Women in Asia
EUH 4520	England in the 18th Century
ECS 3021	Women, Culture, and Economic Development
ECS 3200	Economics of Asia
EVR 3402	Asian Environmental Issues
FIN 3652	Asian Financial Markets and Institutions
INR 3081	Contemporary International Problems
INR 4082	Islam in International Relations
LIT 4197	Global Asian Literature
PHH 3810	Philosophy of Buddhism
PHH 3840	Indian Philosophy
REL 3026	Folk Religions in Asia and the World
REL 3310	Introduction to Asian Religions
REL 3330	Religions of India
REL 4312	Jews of Asia
REL 3340	Survey of Buddhism
SYA 3810	Gender and Power in Asia

In addition to the courses listed above, relevant special topics, independent study, study abroad credits, and area studies or comparative studies courses may also be applied.

Language: There is no specific language requirement to be met, although it is recommended.

For more information, contact the Asian Studies office, SIPA 505. Email: asian@fiu.edu; phone: (305) 348-1914; website: <http://asian.fiu.edu>.

Certificate Program for the Study of Sephardic and Oriental Jewry

Zion Zohar, *Director and Chair*

(*Religious Studies, Sephardic/Oriental Studies*)

Joyce Peterson, *Steering Committee*

Ronald Fisher, *Psychology*

Rebecca Friedman, *History*

Abraham Lavender, *Global and Sociocultural Studies*

Asher Milbauer, *English*

Meri-Jane Rochelson, *English*

The President Navon Program for the Study of Sephardic and Oriental Jewry provides academic training in Sephardic and Oriental Jewish Studies and offers lectures and seminars by FIU faculty and other locally, nationally, and internationally renowned scholars and artists. Our outreach programs encourage close ties and cooperation between the academic and lay communities locally, nationally, and internationally.

The President Navon Program for Sephardic and Oriental Jewry is based at the Biscayne Bay Campus. However, courses are offered at both of FIU's Biscayne Bay and Modesto A. Maidique Campuses.

The certificate in Sephardic and Oriental Studies is an interdisciplinary program within the College of Arts and

Sciences, with an emphasis in the humanities and social sciences. The program is offered to students currently enrolled in Bachelor's degree programs as well as to those who already have a Bachelor's degree in any field of study.

Requirements: (18 credits)

The Sephardic Studies certificate requires a total of 18 credits distributed among the following categories:

A. Courses in Sephardic and Oriental Studies

Students must take at least 3 of the following classes (9 credits)

REL 4610	Jews of Arab Lands in the Middle Ages	3
REL 3695	The Golden Age of Sephardic Jewry	3
SYD 4606	World Jewish Communities	3
REL 4697	Sephardic Jewry Colloquium	3
REL 4626	Jewish Sephardic Thought	3
REL 4312	Jews of Asia	3
REL 3627	Kabbalah and the Bible	3
REL 4623	Peace, War, and Kabbalah	3
REL 4694	Kabbalah and Sexuality	3
REL 3392	Jewish Mysticism	3
EUH 4312	History of Spain	3

The remaining courses should be taken from the courses listed in all the categories mentioned below.

B. General Courses in Jewish Culture and Society

LIT 3170	Topics in Literature and Jewish Culture	3
AML 4300	Major American Writers	3
ENL 4412	Anglo-Jewish Literature: 19th Century to the Present	3
REL 3630	American Judaism	3
REL 4613	The Modernization of Judaism	3
WOH 3282	Modern Jewish History	3
REL 3220	Moses, Priests, and Prophets	3
REL 3270	Biblical Theology	3
REL 3320	Moses, Jesus, Muhammad	3
INR 3274	International Relations of the Middle East	3
GEA 3635	Population and Geography of the Middle East	3
REL 3625	Introduction to Talmud	3
REL 3607	Judaism	3
PHH 3200	Medieval Philosophy	3
REL 3601	The Ethics of Judaism	3
REL 3672	Religion and Society in Israel	3
SYD 4703	Depiction of Jews in Film	3

Additional courses may appear from semester to semester.

The Director or the Director's delegate in the Sephardic and Oriental Jewry program must approve all courses taken for the certificate.

All courses credited to the certificate must be passed with a grade of "C" or better.

C. Independent Study and Internship

Students may earn up to 6 credits towards the certificate through one of the following methods:

REL 4943	Independent Study on Sephardic Jewry	1-6
REL 4944	Internship in Sephardic Jewish Organization	1-3

Students wishing to take an independent study or internship must have permission from the Director of the

program or the Director's delegate, and a clear plan of study before enrolling in the class. The Director of the program may approve courses by faculty outside the program. The Director can also provide additional information on the study abroad options.

D. Languages

Though it is not mandatory for this certificate, students are encouraged to take a class or demonstrate a competency (through examination) in the following languages.

HBR 1130	Hebrew I	5
HBR 1131	Hebrew II	5
HBR 2200	Intermediate Hebrew	3
ARA 1130	Arabic I	5
ARA 1131	Arabic II	5
ARA 2200	Intermediate Arabic	3

Certificate Program in the Study of Spirituality

Nathan Katz, *Director*

Constance Bates, *Management and International Business*

Whitney Bauman, *Religious Studies*

Robert Dollinger, *College of Medicine*

Steven Heine, *Religious Studies and History*

Andrea Mantell-Seidel, *Religious Studies and Dance*

Kalai Mathee, *College of Medicine*

Clifford Perry, *College of Business Administration*

Nestor Torres, *Music*

The School of International and Public Affairs Undergraduate Certificate Program in the Study of Spirituality is designed for health science and nursing students, pre-med, pre-law, psychology, nursing, fine and performing arts, education majors, and students in other relevant disciplines, for whom such a credential would be of professional or personal value.

In its traditional contexts in the world's religious traditions, spirituality involves those philosophies and practices leading to experiences of transcendence described as 'union with a Higher Reality or with Nature', 'discipleship', 'enlightenment', closeness to God, or 'egolessness'. In recent times, these principles of spirituality – the intimate connections between mind and body, the relativity of discursive knowledge, techniques and conceptions about a non-material order of reality – have been applied to various professions and such human endeavors as the health sciences, education, psychotherapy, the performing, visual and literary arts, entrepreneurship, and so on.

The Undergraduate Certificate Program in the Study of Spirituality grounds students in these traditional forms of spirituality through a foundation course, REL 3027 Meditation and Mystical Traditions and is offered regularly, often on-line, by the Department of Religious Studies. It serves as a grounding in the methods pertinent for the study of spirituality, as well as literacy in the world's traditions of spirituality.

The certificate will include five additional courses in both traditional and "applied" spirituality selected according to a student's professional goals or personal interests, in consultation with a Program Director. To

ensure a multidisciplinary approach, no more than half of a student's program may come from any one department.

College of Architecture and The Arts

Art and Art History

ARH 3210 Early Christian and Byzantine Art
ARH 4504 Primitive Art

Dance

DAN 3764 The Art of Yoga & Meditation

College of Arts and Sciences

Asian Studies

ASN 3403/ REL 3342 Zen and the Art of Tea Ceremony
ASN 4404 Zen and the Art of Tea Ceremony II

English

LIT 3170 Topics in Literature and Jewish Culture
LIT 3930 Special Topics: Migrant Stories - Jewish and Caribbean/Caribbean and Jewish
LIT 4403 Literature Among the Arts and Sciences

Earth and Environment

EVR 3402 Asian Environmental Issues
EVR 4415 Population and Environment Issues
IDS 4920 Liberal Studies Colloquia: Deep Ecology

Global and Sociocultural Studies

ANT 3241 Myth, Ritual & Mysticism
GEO 5557 Globalization

History

EUH 4025 Saints, Relics and Miracles in Medieval Europe

Humanities

HUM 4555 Symbols and Myths
HUM 4392 Human Concerns

Philosophy

PHH 3810 Philosophy of Buddhism
PHH 3840 Indian Philosophy
PHI 3762 Eastern Philosophical and Religious Thought
PHM 4050 Philosophy of Death
PHI 3601 Ethics

Politics and International Relations

INR 4013 Development of International Relations Thought
INR 3061 Conflict, Security and Peace Studies in INR
INR 4077 International Relations & Women's Human Rights
INR 4082 Islam in International Relations

Psychology

CLP 4314 Psychology of Health and Illness
PPE 4514 Psychology of Dreams and Dreaming
SOP 4712 Environmental Psychology

Religious Studies

REL 3027 Meditation and Mystical Traditions
REL 3028 Sacred Places, Sacred Travels
REL 3091 Joseph Campbell and the Power of Myth
REL 3145/5145 Women and Religion
REL 3162 Religious Healers and Mediums
REL 3171 Sex and Religion
REL 3308 Studies in World Religions

REL 3330 Religions of India
REL 3344 Tibetan Buddhism
REL 3362 Islamic Faith & Society
REL 3380 Native American Religions
REL 3392 Jewish Mysticism
REL 3607 Judaism
REL 3492 Earth Ethics
REL 3520 Saints, Witches and Cathedrals
REL 4146 Feminist Theology and Ethics
REL 3340 Survey to Buddhism
REL 4345 Zen Buddhism
REL 4351 Religion and Japanese Culture
REL 4370 Africa Religions
REL 5183 Religion, Nature, and Globalization
REL 5502 Saints, Witches and Missionaries

College of Business and Business

Administration

MAN 4054 Managing Innovation
MAN 4065 Business Ethics
MAN 4142 Intuition in Management
MAN 4294 Creativity and Innovation
MAN 4701 Business in Society
MAN 4864 Family Owned Business

College of Education

EDF 2085 Teaching Diverse Populations
EDF 3521 Education in History
EDF 6689 Urban Education: Defining the Field
EDF 6608 Social, Philosophical and Historical Foundations of Education

College of Nursing and Health Sciences

HSC 2100 Healthy Lifestyles through Wellness
IHS 4111 Values, Ethics and Conflict Resolution

Robert Stempel College of Public Health and Social Work

Public Health

PHC 3101 Introduction to Public Health
PHC 4024 Principles of Applied Epidemiology
PHC 4510 Statistical Applications

Social Work

SOW 3620 Social Work and Human Diversity
SOW 3801 Self-Awareness and Self-Modification for Practice
SOW 5109 Crises in the Lives of Women

Translation Studies Certificate Program

Erik Camayd-Freixas, Director

DM-491A; (305) 348-6222; Erik.Camayd@fiu.edu

This professional certificate is designed to train students in the techniques and skills needed for the translation (English < > Spanish) of texts, documents, and general correspondence. It also provides the background and introductory professional courses needed for future study or work in the field of translation. The program consists of 27 semester hours.

Through its academic track, the certificate program offers complementary studies for the practitioner who wants to strengthen his or her competence in this field.

Requirements**Prerequisites**

ENC 3200	Business Letters and Reports	3
SPN 3302	Review Grammar and Writing	3
Others by approval. No credits allowed.		

Core Courses: (6)

SPT 3800	Foundations of Translation	3
SPT 3812	Foundations of Interpreting	3

Required Courses (Select 5): (15)

FOT 3810	Creative Writing Translation	3
SPT 4803	Practica in Legal Translation	3
SPT 4805	Translation in Communication Media	3
SPT 4807	Practica in Business Translation	3
SPT 4808	Practica in Technological Translation	3
SPT 4809	Practica in Medical Translation	3
SPT 4820	Computer Aided Translation	3
SPT 4941	Professional T/I Internship	3

Free Electives**Two Courses from the following:**

ACG 2021	Accounting for Decisions	3
COP 2172	Programming in BASIC	3
ECO 2023	Principles Microeconomics	3
ECO 2013	Principles Macroeconomics	3
HUN 2201	Principles of Nutrition	3
INR 3403	International Law	3
JOU 3100	News Reporting	3
MAN 4602	International Business	3
MAN 4701	Business and Society	3
HSC 3537	Medical Terminology	3
HIM 3437	Fundamentals of Medical Science	3
RTV 3301	Broadcasting for Reporting (Prerequisite JOU 3343L)	3
SYG 3002	The Basic Ideas of Society	3

In addition to these subjects, the free electives may be chosen from the offerings in the departments of Global and Sociocultural Studies, Communication, Computing and Information Sciences, Economics, Politics and International Relations, and Modern Languages by securing the approval of the Director of the Program.

Certificate in Urban Affairs

The certificate program requires completion of 15 credit hours of course work. Students are encouraged to take introductory courses in microeconomics and political science before enrolling in the program. All students are required to take a common introductory course—Introduction to Urban and Regional Studies—and two other core courses. Then students fulfill certificate requirements by taking two electives consistent with their academic and career objectives.

Requirements**Required Course: (3)**

PAD 3802	Introduction to Urban and Regional Studies	3
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Core Courses: (6)

Students must take two of the following four courses:

POS 3142	Urban Politics	3
ECP 3613	Introduction to Urban Economics	3

SYD 4610	Urban Sociology	3
URP 5313	Introduction to Urban Planning and Growth Management	3
Electives		6

Students must take two courses from the following list to complete certificate requirements:

College of Business

MAN 4065	Business Ethics	3
MAN 4102	Women and Men in Management	3
MAN 4120	Managing Virtual Teams	3
MAN 4701	Business and Society	3
MAN 4731	Modern Business History	3
MAN 4742	Environmental Management	3

Architecture and The Arts

ARC 4058	Fundamentals of Digital Design	3
LAA 5715	Architectural History and Theory	3

Economics

ECP 3123	Economics of Poverty	3
ECP 4143	Economics of Racism	3

Education

EDF 3521	Education in History	3
EDF 3723	Schooling in America	3

Dietetics and Nutrition

DIE 3317	Dietetics and Community Health	3
HUN 3191	World Nutrition	3

Department of Policy and Management

CCJ 3011	The Nature and Causes of Crime	3
CJE 4410	Police and the Community	3
HSA 3111	Health and Social Service Delivery Systems	3
PAD 3804	Government and Administration of Metropolitan Areas	3
URS 4112	Computer Applications for Urban Services	3
URS 5505	Economic Development and Urban Revitalization	3

Politics and International Relations

POS 4074	Latino Politics	3
POS 4122	State Government and Politics	3
POS 4152	Conflict and Change in American Cities	3
POS 4154	Topics in Urban Politics and Policy	3
POS 4314	American Ethnic Politics	3

Global and Sociocultural Studies

ANT 3442	Urban Anthropology	3
SYD 3620	Miami: An Urban Laboratory	3
SYG 2010	Social Problems	3

Women's Studies Certificate Program**Core Faculty:**

Laurie Shrage, Director, Women's Studies and Professor of Philosophy
Dawn Addy, Director, Center for Labor Research and Studies/Women's Studies
Maya Boutaghou, Assistant Professor, Women's Studies/Modern Languages
Aurora Morcillo, Associate Professor of Women's Studies/History
Vrushali Patil, Assistant Professor, Women's

Studies/Global and Sociocultural Studies

Suzanna Rose, Director, School of Integrated Science and Humanity, College of Arts and Science, and Professor, Psychology

Affiliated Faculty:

Irma de Alonso, Economics
Clair Apodaca, Politics and International Relations
Maria Aysa, Global and Sociocultural Studies
Joan Baker, English
Ginette Ba-Curry, English
Lynne Barrett, English
Whitney Bauman, Religious Studies
Pascale Bécel, Modern Languages
Michelle Beer, Philosophy
Ana Maria Bidegain, Religious Studies
Steven Blevins, English
Kristine Burns, Music
Cynthia Chinelly, English
Cyra Akila Choudhury, Law
Ellen Cohn, Criminal Justice
Carol Damian, Art and Art History and Frost Museum
Yesim Darici, Physics
Debra Dean, English
Alexandra Diallo, History and African and African Diaspora Studies
Denise Duhamel, English
Asia Eaton, Psychology and Business
Cristina Eguizabal, LACC
Joyce Elam, Business Administration
Juliet Erazo, Global and Sociocultural Studies
Caroline Faria, Global and Sociocultural Studies
Rebecca Friedman, History
Jose Gabilondo, Law
Marin Gillis, College of Medicine
Hugh Gladwin, Global and Sociocultural Studies
María Asunción Gómez, Modern Languages
Aya Gruber, Law
Christine Gudorf, Religious Studies
Kimberly Harrison, English
Marilyn Hoder-Salmon, English
Gail Hollander, Global and Sociocultural Studies
Tometro Hopkins, English
Cecile Houry, Honors College
Sherry Johnson, History
Tara Kai, English
Jack Kelban, Management and International Business
Suzanne Koptur, Biological Sciences
Tatiana Kostadinova, Politics and International Relations
Abe Lavender, Global and Sociocultural Studies
Mary Levitt, Psychology
Felice Lifshitz, History
Maria del Mar Logrono, History
Oscar Loynaz, Women's Studies
Ana Luszczynska, English
Sarah Mahler, Global and Sociocultural Studies
Peggy Maisel, Law
Jennifer Matey, Philosophy
Kathleen McCormack, English
Marilyn Montgomery, Education
Michaela Moura-Kocoglu, Women's Studies
Aisha Musa, Religious Studies
Glenda Musoba, Education

Juan Odio, Criminal Justice
Veronica Owles, Women's Studies
Anna Pasztor, Computing and Information Sciences
Joseph Patrouch, History
Valerie Patterson, Public Administration
Linnea Pearson, Religious Studies
Joyce Peterson, History
Mary Lou Pfeiffer, Honors College
Bianca Premo, History
Patricia Price, Global and Sociocultural Studies
Ana Roca, Modern Languages
Meri-Jane Rochelson, English
Heather Russell, English
Rebecca Salokar, Politics and International Relations
Renne Silverman, Modern Languages
Linda Spears-Bunton, Education
Dionne Stephens, Psychology
Judith Stiehm, Politics and International Relations
Andrew Strycharski, English
John Stuart, Architecture
James Sutton, English
Juan Torres-Pou, Modern Languages
Nan Van Den Bergh, Social Work
Gisela Vega, Student Affairs
Chantalle Verna, History
Mercedes Vigon, International Media Center
Ophelia Weeks, Biology
Barbara Weitz, English
Kirsten Wood, History

The Women's Studies Undergraduate Certificate provides an opportunity for students to integrate scholarship about women and gender differences from a variety of disciplines into a coherent program of study. The Certificate Program includes a core of required courses central to an understanding of gender issues in a social and historical context. The courses provide a basic grounding in Women's Studies that should be useful in many majors and in preparation for graduate study and professional training. The core courses are supplemented by a variety of electives to be chosen according to the student's specific interests. Students may enroll in the Certificate Program or take courses as electives. See: <http://casgroup.fiu.edu/wstudies> and click on "Academics".

The program also offers a Bachelor of Arts in Women's Studies. For information about the major, refer to the Women's Studies section in the Arts and Sciences undergraduate major section.

The Center is located in DM 212, Modesto A. Maidique Campus, (305) 348-2408. Students may contact the Women's Studies Center at the above location, or by email: wstudies@fiu.edu. To contact the Director or an advisor, go to: <http://casgroup.fiu.edu/wstudies> and click on "People".

Requirements

All students entering the undergraduate certificate program in Spring 2004 will have to fulfill the requirements for the new core concentration. All students admitted as certificate earners before the Spring 2004 semester will need to fulfill the old core concentration requirements.

A student may acquire the Certificate in Women's Studies by fulfilling the following requirements:

Three required Core Courses from the following:**I.**

- WST 3015 Introduction to Women's Studies
or
 WST 3641/ IDS 4920 Gay and Lesbian Across Societies
or
 PHM 4123 Philosophy and Feminism

II.

- SOP 3742 Psychology of Women
or
 SYD 3804 Sociology of Gender
or
 ECS 3021 Women Culture and Economic Development

III.

- ANT 3302 Anthropology of Sex and Gender
or
 AMH 3560 History of Women in the U.S.
or
 EUH 4312 History of Modern Spain from a Gender Perspective

IV.

- REL 3145 Women and Religion
or
 LIT 3383 Women in Literature (*or any English elective listed below*)
or
 WST 4504 Feminist Theory

Three electives from the following list:**Women's Studies:**

- WST 3015 Introduction to Women's Studies
 WST 3641 Gay and Lesbian Across Societies
 WST 4504 Feminist Theory
 WST 4905 Independent Study
 WST 4930 Special Topics
 WST 4940 Internship
 WST 5507 Feminist Theory
 WST 5946 Internship
 WST 5905 Independent Study
 WST 5935 Special Topics

African and African Diaspora Studies:

- AFA 4930/5005 AADS Theory

Art and Art History:

- ARH 4871/5872 Women and Art

Economics:

- ECP 3254 Women, Men & Work in the USA
 ECS 3021 Women, Culture and Economic Development

English:

- AML 3415 Am. Lit. & Tradition of Dissent: Rehearsing Feminism
 AML 4607 Studies in 20C Af. Am. Lit.: 20th Century African Amer. Lit.
 AML 4300/5305 Maj. Am. Lit. Fig.: Cather, Chopin, Wharton
 AML 4503 Periods in American Literature: Women Transforming Realism
 AML 4503 Per. In Am. Lit.: Literature of the Harlem Renaissance

- AML 4624/5305 African-American Women Writers
 AML 4930/5505 Sp. Top. In Am. Lit.: War and the 19th Century American Heroine
 ENC 4930 Sp. Top. In Comp: Women Who Disrupt, Resist, Question the Status Quo
 ENG 4132 Studies in Film: Women and Film of the African Diaspora
 ENL 3261 19th Century British Women Novelists
 ENL 4212 Medieval Women Writers
 ENL 4251 Victorian Literature
 ENL 4254/5505 Late Victorian Fiction
 ENL 4370 Virginia Woolf and Her Circle
 ENL 5220 Maj. Brit. Lit. Fig.: Sensation Writers: W. Collins & M. Braddon
 LIN 4651 Gender and Language
 LIT 3170 Jewish Literature: Fiction of the Jewish Immigrant Experience
 LIT 3383 Women in Literature
 LIT 3384 Caribbean Women Writers
 LIT 3930 Sp. Topics: Women of the African Diaspora
 LIT 4001 Modern Poetry-Plath & Rich
 LIT 4351 Major Af. Writers: African Fiction and Film: Women's Voices
 LIT 4382 Women in East Europe
 LIT 4930 Special Topics: Queen Elizabeth and Her Representations
 LIT 4931 Special Topics in Women's Literature
 LIT 5934 Spec Topic: Women Writers of the African Diaspora

History:

- AMH 3560 History of Women in the United States
 AMH 4561 Early American Women's History
 AMH 4562 Modern American Women's History
 AMH 4930 Topics in US History: Early American Women's History
 AMH 5905 Readings in Am. History: Women and Gender in the U.S.
 ASH 4384 History of Women in Asia
 EUH 3181 Medieval Culture
 EUH 3576 Russian Revolution/Soviet Union: Gender, Politics & Society
 EUH 4025 Saints, Relics, & Miracles in Medieval Europe
 EUH 4286 Top In Europ. Hist: The Spanish Civil War
 EUH 4312/5935 History of Women in Modern Spain
 EUH 4610 Women and Gender in Europe, 1750 to Present
 EUH 5905 Read. in Europ. Hist: Saints in Europe & the Americas
 HIS 4930/5930 Sp. Topics: Totalitarian Regimes & Gender
 HIS 4930 Sp. Topics: Women & Gender in Pre-Modern World
 HIS 4935 Senior Seminar: Women & Gender in Pre-Modern Europe & Asia
 LAH 4721 History of Women in Latin America

Humanities:

- HUM 3325 Women, Culture and History

HUM 3930 Female/Male: Women's Studies Seminar
 HUM 4491 Cultural Heritages and Cultural Changes

International Relations:

INR 4085 Women & Men in International Relations
 INR 5935 Topics in Int. Rel.: Feminism and International Relations

Labor Studies:

LBS 4154/5155 Workers & Diversity / Workplace Diversity
 LBS 4210/5930 Women And Work

Modern Languages:

FIL 4881 Hispanic Culture: Women & Film
 FRW 4583 Women Writers in French
 SPW 4390 Genre Studies: The Representation of Women in Spanish Film
 SPW 5387 Women and Poetry
 SPW 5556 Spanish Realism and Naturalism
 SPW 5781 The Representation of Women in Spanish Literature & Film
 SPW 5786 Spanish-American Women Writers

Music:

MUH 3073/5075 Women in Music

Philosophy:

PHM 4123 Philosophy and Feminism

Political Science:

POS 4073 Military and the Citizen
 POS 4605 Gender Justice and the Courts
 POT 4309 Sex, Power, and Politics
 POT 5307 Feminist Political Theory
 POS 4072 Women in Politics

Psychology:

CYP 6766 Cross-Cultural Sensitization in a Multicultural Context
 SOP 4774 Female Sexuality
 PSY 4930 Special Topic: Research Plans & Careers
 SOP 3742 Psychology of Women

Religion:

REL 3145/5145 Women and Religion
 REL 3171 Sex and Religion
 REL 3520/5502 Saints, Witches and Cathedrals
 REL 4146 Feminist Theology and Ethics
 REL 5184 Sexuality, Religion and Social Change

Global and Sociocultural Studies:

ANT 3302 Anthropology of Sex and Gender
 ANT 3304 Voices of Third World Women
 ANT 4334 Contemporary Latin American Women
 SYD 3804/6325 Sociology of Gender
 SYD 4820 Sociology of Men
 SYG 4060 Sociology of Sexuality
 SYO 3120 Marriage and the Family
 SYP 4562 Domestic Violence

Public Administration:

PAD 5435 Administration & the Role of Women

Architecture and The Arts:

ARC 4227 Gender and Architecture

Business:

MAN 4102 Managing Diversity

Criminal Justice:

CCJ 4663 Women, Crime, and the Criminal Justice System

Social Work:

SOW 5109 Crisis in the Lives of Women