Certificate Programs

African and African Diaspora Studies Graduate Certificate Program

Jean Muteba Rahier, Associate Professor, Global and Sociocultural Studies and Director, African and African Diaspora Studies

Faculty:
Iqbal Akhtar, Assistant Professor, Religious Studies and International Relations
Pascale Bécel, Chair and Associate Professor, Modern Languages
Steven R. Blevins, Assistant Professor, English
Ferial Maya Boutaghou, Assistant Professor, French and Women’s Studies
Jean-Robert Cadély, Associate Professor, Modern Languages and African and African Diaspora Studies
Phillip Carter, Assistant Professor, English and Linguistics
John Clark, Professor, Politics and International Relations
Danielle Clealand, Assistant Professor, Politics and International Relations
Alexandra Cornelius, Lecturer, History and Director, African and African Diaspora Studies Graduate Program
Caroline Faria, Assistant Professor, Global and Sociocultural Studies
Annette B. Fromm, Assistant Professor and Coordinator, Frost Art Museum
Jenna Gibbs, Assistant Professor, History
Percy C. Hintzen, Professor, Global and Sociocultural Studies
Tometro Hopkins, Associate Professor, English
Hilary Jones, Associate Professor, History and African and African Diaspora Studies
Assefa Melesse, Associate Professor, Earth and Environment
April Merleaux, Assistant Professor, History
Aurora Morcillo, Professor, History
Roderick Paul Neumann, Professor, Global and Sociocultural Studies
Ulrich Oslinger, Assistant Professor, Global and Sociocultural Studies
Okezi Otovo, Assistant Professor, History and African and African Diaspora Studies
Tudor Parfitt, Research Professor, Religious Studies
Vrushali Patil, Associate Professor, Global and Sociocultural Studies and Women’s Studies
Valerie Patterson, Clinical Associate Professor, Public Administration
Lincoln Pettaway, Assistant Professor, Health Services Administration
Andrea Queeley, Assistant Professor, African and African Diaspora Studies and Global and Sociocultural Studies
David Rifkind, Assistant Professor, Architecture
Heather Russell, Associate Professor, English
Vicky Silvera, Head, Special Collection, Library
Linda Spears-Buntun, Associate Professor, College of Education
Alex Stepick III, Professor, Global and Sociocultural Studies
Juan Torres-Pou, Associate Professor, Modern Languages

Chantalle Verna, Associate Professor, History and Politics and International Relations
Eric Von Wettberg, Assistant Professor, Biology
Donna Weir-Soley, Associate Professor, English
Kirsten Wood, Associate Professor, History
Albert Wuaku, Associate Professor, Religious Studies

The African and African Diaspora Studies (AADS) Graduate Certificate seeks to provide graduate-level multidisciplinary instruction in the diverse fields of African and African Diaspora Studies. Specifically, the Certificate seeks to provide students with an interdisciplinary approach to the study of the global, economic, cultural, and historical experiences of people of African descent, both in Africa and in the Diaspora. The Certificate complements students’ work in their major fields of study. 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 may also choose courses that will bring them to learn about all three or any other combination of these areas.

Certificate Requirements: (15 credits)

Required Course
AFA 5005 African and African Diaspora Studies Theory (Offered every fall semester) 3

The 12 remaining credit hours may be drawn from courses in the Humanities and Social Sciences as listed below. Note that students are expected to complete 6 credits from each list. Students should consult with advisors since new courses are frequently added, and special topic courses sometimes concern Africa and the African Diaspora. Students may also select other courses not listed below with approval from the Director of AADS or from the Director of AADS Graduate Programs after submitting the appropriate syllabus. Not all courses are offered every semester.

List I: The Humanities
Students must choose between 6 and 9 credits from the list below:

AFA 5932 Special Topics in African and African Diaspora
AFA 5107 Teaching the African American Experience
AFA 5341 Health Issues in the African World
AFA 6245 The African Diaspora in Latin America
AFH 5905 Readings in African History
AFH 5935 Topics in African History
FRE 5508 La Francophonie
HAI 5235 Haitian Creole Seminar
LAH 5465 Peoples, Culture and Politics of Haiti
LAS 6025 Seminar: Humanities in Cuba
LIN 6602 Language Contact
LIT 5359 African Diaspora Women Writers
LIT 5358 Black Literature and Literacy/Cultural Theory
MUH 5025 History of Popular Music in the United States
MUH 5067 Music of the Caribbean
RLG 5122 African-American Religion
RLG 5372 The Globalizing of African Spirituality
The Graduate Certificate program offers a 15-credit sequence of courses that provides graduate students with an in-depth learning experience of an increasingly important region in comparison with another world region such as Africa, Europe, Latin America or the Middle East. The program requires students to take 9 credits of courses in another specific region. This program allows students the opportunity to study thematic issues related to Asia such as migration, identity, trade, education, technology, environment, and international affairs from a multidisciplinary, multiregional approach.

Certificate Requirements (15 credits)

**Required Courses:** (3)
- ASN 5315 Topics in Modern Asia
- or
- ASN 5050 Methods in Asian Studies

**Electives in Asian Studies:** (6)
See sample listing of courses below

**Electives in Globalization:** (6)
See sample listing of courses below. For additional courses in other world regions inquire with the Department.

**Sample Courses in Asian Studies (6)**
Courses in studies of Asia or a sub region. Choose from the following list (additional courses will be considered):
- ASH 5446 Pre-modern Japan
- ASH 5905 Readings in Asian History
- ASN 5120 Religion and Society in Japan
- ASN 5130 Zen and the Arts
- ASN 5131 Zen and the Arts II
- ASN 5171 International Relations of Contemporary China
- ASN 5211 Asian Cultures and Influences
- ASN 5306 Applying Asian Cultural Values in Business
- ASH 5605 Silk Road: Then and Now
- ASN 5815 Studies of Classical East Asian Texts
- ASN 5910 Independent Research in Asian Studies
- ASN 5932 Special Topics in Asian Studies
- ASN 6930 Seminar in Asian Studies
- ECO 5206 Economics of Asia
- INR 5544 The New Asian Century
- INR 5086 Islam in International Relations
- RLG 5346 Seminar on Buddhism
- RLG 5352 Religions of East Asia
- RLG 6319 Seminar in Asian Religions
- SYD 6655 Seminar on Social Change in Asia

**Sample of Courses in Globalization**

**African Studies**
- AFH 5905 Readings in African History
- CPO 6206 Seminar in African Politics
- INR 5255 Seminar in African Development
- RLG 5372 African Spirituality
- ANT 6319 African Diaspora: Anthropological Perspectives

**European Studies**
- ARH 5663 Graduate Art in Spain and Her Colonies
- ENG 5220 Major British Literary Figures
- ENL 5505 Periods in English Literature
- EUH 5905 Readings in European History
- EUH 5935 Topics in European History

**Latin American Studies**
- ARH 5671 Seminar in 20th Century Latin American Art
- LAH 5905 Readings in Latin American History
- LAS 6003 Survey of Latin America
Graduate Certificate in Asian Studies

Steven Heine, Director, Asian Studies

Coordinating Committee
Nathan Katz, Religious Studies
Paul Kowert, Politics and International Relations
Matthew Marr, Global and Sociocultural Studies
Julie Zeng, Politics and International Relations

The objective is to provide interdisciplinary graduate instruction in international/global studies that requires specialization in Asia or a sub-region such as East, South, Southeast, or Central Asia. The program is geared towards students whose studies emphasize a traditional area studies approach to culture and society.

Certificate Requirements: (15 credits)

Core Course: (3)
ASN 5315 Topics in Modern Asia
or
ASN 5050 Methods in Asian Studies

Regional Studies Courses: (12)
Courses in studies of Asia or a sub region. Choose from the following list (additional courses will be considered):
ASH 5446 Pre-modern Japan
ASH 5905 Readings in Asian History
ASH 5120 Religion and Society in Japan
ASN 5130 Zen and the Arts
ASN 5131 Zen and the Arts II
ASN 5171 International Relations of Contemporary China
ASN 5211 Asian Cultures and Influences
ASN 5306 Applying Asian Cultural Values in Business
ASN 5605 Silk Road: Then and Now
ASN 5815 Studies of Classical East Asian Texts
ASN 5910 Independent Research in Asian Studies
ASN 5932 Special Topics in Asian Studies
ASN 6930 Seminar in Asian Studies
ECO 5206 Economics of Asia
INR 5544 The New Asian Century
INR 5086 Islam in International Relations
RLG 5346 Seminar on Buddhism
RLG 5352 Religions of East Asia

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

Graduate Certificate in Biodiversity Conservation and Management

Joel Heinen, Director, Earth and Environment

The Graduate 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 have an earned bachelor’s degree with a minimum of a 2.75 in the last 60 credits of their upper division coursework. If they are already admitted to a master’s program at FIU, they must be in good academic standing. 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 15 credit hours of graduate level 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 5409 Advanced Conservation Biology 3

2. Conservation Sciences and Management, 6 credits total
Take two courses from this list:
PCB 5046 Plant Conservation Biology 3
EVR 5069 Wetland Ecology and Management 3
EVR 5376 Advanced Ecology and Management of Invasive Species 3
SWS 5305 Advanced Soil Resources Analysis 3

3. Integrated Biological Resources Management, 6 credits total
Take two courses from this list:
PCB 5418C Advanced Marine Protected Areas 1-4
BOT 5816 Ethnobotany 3
EVR 6360 Protected Area Management 3
EVR 6406 U.S. Endangered Species Management 3
EVR 6330 Tropical Ecosystems Management 3
Graduate Certificate in Cognitive Neuroscience

Anthony Dick, Director, Psychology
Prem Chapagain, Physics
Sean Hermanson, Philosophy
Robert Lickliter, Psychology
Kinsuk Maitra, Occupational Therapy
Wei-Chiang Lin, Biomedical Engineering
Elaine Ramos, Communication Sciences & Disorders
Jamie Theobald, Biological Sciences

The Graduate Certificate in Cognitive Neuroscience is designed to advance the scientific education and professional development of students through coursework covering a broad range of areas of neuroscience. The 15-credit program specifically will provide students with an interdisciplinary background in cognitive psychology/cognitive science and neuroscience. The curriculum concentrates on teaching theory and methodology for conducting and understanding research in cognitive neuroscience and its potential application to education and clinical practice.

Admission Requirements

1. Matriculation into a graduate program or baccalaureate degree from an accredited institution of higher education (or equivalent) with a minimum 3.0 GPA in the last two years of undergraduate work;
2. Current resume or curriculum vitae;
3. Official academic transcript

Program Requirements

There are two Core Course Categories, Cognitive Neuroscience and Neuroscience, from which students must take one course each (6 credits). The remaining 9 credits can be taken from the listed Electives or from the remaining courses in the Core Course categories. Additional courses may be accepted for the certificate with approval of the Program Director.

Core Requirement 1: Cognitive Neuroscience (3 credits)

DEP 5058 Biological Basis of Behavior Development 3
EXP 5667 Cognitive Neuroscience 3
PHI 5931 Advanced Topics in Philosophy of Mind and Cognitive Science 3

Core Requirement 2: Neuroscience (3 credits)

BME 5505C Engineering Foundation of Medical Imaging Instrument 3
PHY 6716 Advanced Biophysics 3
ZOO 5785 Advanced Neurobiology 3

Electives: (Up to 9 Credits)

CHM 5305 Graduate Biological Chemistry 3
EXP 5508 Applied Cognitive Psychology 3
EXP 5527 Memory and Consciousness 3
OTH 5524 Adaptation of Human Occupation and Environment for Neuromotor Disorders I 3
OTH 5438 Adaptation of Human Occupation and Environment for Neuromotor Disorder II 3
PCB 5835 Neurophysiology 3
PCB 5835L Neurophysiology Lab 1
SPA 6410 Aphasia and Related Disorders 3
ZOO 5745 Advanced Neuroanatomy 3

Graduation Requirements

The graduate certificate program requires that students maintain a cumulative GPA of 3.0 or higher and earn a "B" or better in all courses counted toward the certificate.

Graduate Certificate in Community Development

Mohamad G. Alkadry, Co-Chair and MPA Director
Sukumar Ganapati, Co-Chair

The Graduate Certificate in Community Development is intended to provide critical tools and analytic frameworks useful to local decision-makers responsible for developing and managing sustainable, high-wage communities in an increasingly competitive world economy. Course material will address the critical drivers of local and regional development in the context of South Florida's "gateway" status for commerce and immigration. Content will address spatial, managerial, and social components of development. The certificate is aligned with FIU's urban mission of providing engaged learning in its service area as well as the Departmental mission of our NASPAA-accredited Master of Public Administration (MPA) program which primary student body is in the local government sector.

Admissions

All applicants must hold a baccalaureate degree from an accredited college or university and have an upper division GPA of at least 3.0. Applicants with GPA lower than 3.0 may be considered if they submit a GRE, LSAT or GMAT Score. Students must be admitted to the certificate program to start taking classes. Admission to a certificate does not guarantee admission to the Master of Public Administration (MPA) program.

Note: Those students who apply for and are admitted to the Master of Public Administration degree program may have certificate courses credited toward the MPA degree provided each course has a grade of "B" or higher and the student is admitted to the master's degree program prior to the completion of no more than 12 Graduate Certificate credits.

Certificate Requirements: (18 credits)

Required: (9 credits)

URP 6315 Introduction to Urban Planning and Growth Management 3
PAD 5805 Economic Development and Urban Revitalization 3
URP 5426 Emergency Management and Planning 3

Electives: (9 credits)

Certificate students who are not also MPA students must take PAD 6907 (Independent Study) as a certificate capstone. If they do, they will only have to take two additional elective courses (6 credits)

PAD 6399 Homeland Security Management for State and Local Government 3
PAD 6379 Homeland Security Risk Assessment 3
PAD 6807 Urban and Municipal Government Administration 3
PAD 6306 Policy Analysis and Program Planning 3
PAD 6946 Public Administration Internship 3
The Conflict Resolution and Consensus Building Certificate Program offers students at the post-baccalaureate level the opportunity to obtain an interdisciplinary concentration in the study of conflict resolution and to obtain an intellectual background in the theories and methodologies of conflict resolution and consensus building.

In modern society, the ability of various sectors to understand one another’s perspectives, to learn methods to reduce potential conflicts, and to develop mechanisms to work toward building consensus is extremely critical. The issues that may be explored in this area of study are multi-disciplinary and lend themselves to a broad-ranging interdisciplinary certificate which will allow students both to gain an understanding of the major concepts and issues in the field and also concentrate in a more specific area of study such as the workplace, the community, the educational institution, or the international arena.


Certificate Requirements

Students are required to take 18 credit hours (6 courses) of graduate level course work outlined below. Three of the six courses must be within the LBS designation.

Two Required Core Courses: (6 credits)
- LBS 5485 Fundamentals of Conflict Resolution 3
- LBS 5931 Topics in the Philosophy and Methods of Conflict Research 3

or

A research or methods course from related disciplines to be chosen from various disciplines in consultation with advisor.

One Conflict Resolution Course: (3 credits)
- LBS 5465 Introduction to Mediation
- LBS 5486 Dynamics of Conflict Management
- LBS 5467 Civil Mediation

One Capstone Course: (3 credits)
The capstone course should be taken close to completion of the certificate.
- LBS 6906 Directed Individual Study
- LBS 6945 Internship in Labor Studies/Alternative Dispute Resolution

Two Electives: (6 credits)
The courses should be understood to be a partial list; students should consult with the advisor of the certificate program about current course offerings. Students are required to take courses from a minimum of two departments. Other related courses may be accepted as electives pending approval from the Labor Center Academic Program Director.

Labor Studies
- LBS 5155 Workplace Diversity
- LBS 5215 Women in the Workplace
- LBS 5406 Collective Bargaining and Labor Relations
- LBS 5464 Labor Arbitration
- LBS 5466 Family Mediation
- LBS 5486 Dynamics of Conflict Management
- LBS 5485 Fundamentals of Conflict Resolution
- LBS 5507 Labor and Employment Law
- LBS 5930 Topics in Labor Studies
- LBS 6906 Directed Individual Study
- LBS 6945 Internship in Labor Studies/Alternative Dispute Resolution

Dietetics and Nutrition
- HUN 6259 Management of Nutrition Services

Earth and Environment
- EVR 5355 Environmental Resource Policy

Education
- EDA 6225 Labor Relations in Education
- EDA 6232 School Law
- EDA 7233 Ethics and Educational Leadership
The graduate certificate is an interdisciplinary program focusing on environmental issues and is analogous to the undergraduate Certificate in Environmental Studies. It is aimed primarily at graduate students in Politics and International Relations, Economics and Earth and Environment, Religious Studies, and Global and Sociocultural Studies as well as those doing an environmental concentration or track in graduate programs in Tourism, Liberal Studies, Journalism, Education (particularly Parks and Recreation Management), and Latin American Studies. The Certificate Program provides an analytic basis for understanding local, regional and global environmental problems and their solutions.
Certificate Requirements

The Graduate Certificate in Environmental Studies requires 15 graduate credit hours as follows:

**Two Core Courses: (6)**
- EVR 5006 Environmental Science and Sustainability

**Three Environmental Electives from the following: (9)**
- ANG 5267 Environmental Anthropology
- SYD 5045 Population and Society
- INR 5352 Environment and Security
- EVR 5061 South Florida Ecology: Field Studies
- EVR 5320 Environmental Resource Management
- EVR 5355 Environmental Resource Policy
- EVR 6360 Protected Area Management
- EVD 6300 Topics in Urban Ecology
- EVD 6406 U.S. Endangered Species Management

**Social Sciences:**
- CPO 6105 Politics of the European Union
- CPO 6106 Seminar on European Politics
- CPO 5091 Seminar in Comparative Politics
- ECO 7617 Seminar in Economic History
- INR 6010 International Organizations I
- INR 5507 Global Governance

**Humanities:**
- ENL 5220 Major British Literary Figures
- EUH 5935 Topics in European History: Women & Gender in Europe
- EUH 5935 Topics in European History: Russian Revolution
- EUH 5905 Readings in European History: Early Modern Court Societies
- EUH 5905 Readings in European History: European Historical Film
- EUH 6932 Research Seminar in European History
- FRW 5934 Special Topics in Language Literature
- FRW 5938 Graduate Seminar on French Literature
- RLG 5515 History of Early Christianity
- RLG 5619 Holocaust Representations: Religion and Remembrance

**Graduate Certificate in European Studies**

Rebecca Friedman, Director of European Studies/EU Center, History

Coordinating Committee
Tatiana Kostadinova, Politics and International Relations
Renée Silverman, Modern Languages
Oren Stier, Religious Studies
Markus Thiel, Politics and International Relations
Mira Wilkins, Economics

This multidisciplinary certificate brings together faculty expertise and student interest in European Studies. This Certificate will be open to our Master's and Doctoral students and will require at least 15 credits of course work on Europe, from at least two disciplines. Certificate students will be asked to take a variety of courses with European content from a number of disciplines that reach across the humanities, social sciences and the arts. This Graduate Certificate is designed so that students can demonstrate substantive knowledge about specific aspects of European culture, history, politics, economics and society, as well as demonstrate language competency and gain a broader understanding of Europe, the EU and its relationship to other parts of the globe.

The Graduate Certificate in European Studies can be pursued independently or in conjunction with another graduate program at FIU. The program is ideal for students interested in pursuing graduate studies in European Studies but are unable to complete a Master's or who are already pursuing a graduate degree, but desire a broader, more multidisciplinary area studies perspective. At 15 credits (5 courses) this program provides both an overview of European history, culture, societies and politics and more nation-specific knowledge and training, as per the interests and goals of our students.

**Admission Requirements**

1. Baccalaureate degree from an accredited institution for higher education (or equivalent);
2. Minimum cumulative grade point average of 3.0 on a 4.0 scale (or equivalent) for the last two years of undergraduate work.

**Prescribed Courses and Other Requirements**

Students must take five European-content classes in at least two academic disciplines (different course prefixes). Available courses will be listed on our website www.europe.fiu.edu each semester. All students are to choose from the courses listed below and earn a grade of “B” or better. These courses represent a partial list. Courses not included on the semestral lists of approved courses may count toward meeting the requirement of the certificate only with the permission of the certificate director.

**Sample Courses in European Studies**

Social Sciences:
- CPO 6105 Politics of the European Union
- CPO 6106 Seminar on European Politics
- CPO 5091 Seminar in Comparative Politics
- ECO 7617 Seminar in Economic History
- INR 6010 International Organizations I
- INR 5507 Global Governance

Humanities:
- ENL 5220 Major British Literary Figures
- EUH 5935 Topics in European History: Women & Gender in Europe
- EUH 5935 Topics in European History: Russian Revolution
- EUH 5905 Readings in European History: Early Modern Court Societies
- EUH 5905 Readings in European History: European Historical Film
- EUH 6932 Research Seminar in European History
- FRW 5934 Special Topics in Language Literature
- FRW 5938 Graduate Seminar on French Literature
- RLG 5515 History of Early Christianity
- RLG 5619 Holocaust Representations: Religion and Remembrance

**Graduate Certificate in Geographic Information Systems**

Dean Whitman, Director, Earth and Environment

Coordinating Committee
Zhaohui Jennifer Fu, Library GIS-RS Center
Jennifer Gebelein, Earth and Environment
Hugh Gladwin, Global and Sociocultural Studies
Assefa Melesse, Earth and Environment
Keqi Zhang, Earth and Environment
Xin Jin, Civil and Environmental Engineering
A Geographic Information System (GIS) is a set of computer hardware and software used to organize, manipulate, and analyze maps and spatial data. GIS is a rapidly developing technology that can be applied to many areas of the natural sciences, social sciences, engineering, and planning.

The Graduate Certificate in Geographic Information Systems provides students with an interdisciplinary background in GIS. The program consists of graduate level courses in Geographic Information Systems and related subjects offered by the departments of Biology, Civil and Environmental Engineering, Computer Science, Earth and Environment, Global and Sociocultural Studies, Public Administration, and Statistics.

For more information, contact the Program Director, Dean Whitman: phone: (305) 348-3089; email: whitmand@fiu.edu, or visit the GIS Center website: http://gis.fiu.edu.

**Admission Requirements**

Applicants must satisfy all minimum requirements as specified by the University Graduate School for admission into Graduate Programs.

In addition, the applicant must satisfy the following minimum requirements:

1. A bachelor degree in engineering or natural or social sciences or a bachelor degree in arts or humanity or languages plus either 1) minimum GRE score of 1000 (combined Quantitative and Verbal score) or 2) or at least two years of professional experience in relevant fields, such as Computer Science, Engineering, Earth Sciences, Information Science, International Relations, Environmental Studies, Economics/MBA, Landscape Architecture, Urban Planning, Biology, or Public Health.

2. Basic proficiency with computers.

**Prescribed Courses and Other Requirements**

The certificate program will require 15 graduate level credits (5 courses) distributed as follows:

**Required Courses:** (One course from each of the following 3 categories)

1. **Introduction to GIS**
   - CGN 5320 GIS Applications for Civil and Environmental Engineering
   - GIS 5050 Environmental GIS

   Students who demonstrate prior GIS course work or substantial GIS work experience may substitute this requirement with 3 elective credits from the courses listed below with approval of the Program Director.

2. **Intermediate/Advanced GIS**
   - CGN 6325 Advanced GIS for Civil and Environmental Engineering
   - EVR 5044 Advanced GIS and Environmental Data Analysis
   - GLY 5758 GIS and Spatial Analysis for Earth Sciences
   - SYA 6356 GIS and Social Research or equivalent

3. **Remote Sensing**
   - GLY 5754 Applied Remote Sensing in Earth Sciences

**Electives:** (6 credits out of the following)

- COP 6727 Advanced Database Systems
- EVR 6268 Remote Sensing in Hydrology
- EVR 7056 GIS Water Resources
- EVR 7329 Watershed Analysis and Management
- GIS 5620 Surveillance, Intelligence, and International Relations
- GIS 5935 Topics in GIS
- MET 5412 Remote Sensing in Meteorology
- PCB 5328 Spatial Ecology
- PAD 6710 IT and E-government
- PAD 6717 GIS Applications for Urban Management or equivalent

Additional intermediate/advanced GIS courses under Category 2 Required Courses,

or

Other GIS-related courses approved by the Program Director in consultation with the Coordinating Committee. Up to 3 credits of a graduate level statistics or data analysis course may be counted towards the Certificate requirements with approval of the Program Director.

**Graduate Certificate in Homeland Security and Emergency Management**

Mohamad G. Alkadry, Co-Chair and MPA Director
Emel Ganapati, Co-Chair

The Graduate Certificate in Homeland Security and Emergency Management is designed to provide critical analytic skills to “first-responders” and those in related fields. The certificate will help professionals navigate a complex intergovernmental policy framework with an eye to best practice allocation of scarce local and regional resources devoted to preventing or mitigating the potential impacts of natural and human-made perils. Coursework will focus on the roles and responsibilities of public, nonprofit, and private organizations in the context of South Florida’s vulnerable operating environment. The content of this certificate is aligned with FIU’s urban mission of providing engaged learning in its service are as well as the Departmental mission of our accredited Master of Public Administration (MPA) program which primary student body is in the local government sector.

**Admissions**

All applicants must hold a baccalaureate degree from an accredited college or university and have an upper division GPA of at least 3.0. Applicants with GPA lower than 3.0 may be considered if they submit a GRE, LSAT or GMAT Score. Students must be admitted to the certificate program to start taking classes. Admission to a certificate does not guarantee admission to the Master of Public Administration (MPA) program.

Note: Those students who apply for and are admitted to the Master of Public Administration degree program may have certificate courses credited toward the MPA degree provided each course has a grade of “B” or higher and the student is admitted to the master’s degree program prior to the completion of no more than 12 Graduate Certificate credits.
Certificate Requirements (18 credits)

**Required: (9 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>URP 5426</td>
<td>Emergency Management and Planning</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6399</td>
<td>Homeland Security Management for State and Local Government</td>
<td>3</td>
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<tr>
<td>PAD 6379</td>
<td>Homeland Security Risk Assessment</td>
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**Electives: (9 credits)**

Certificate students who are not also MPA students must take PAD 6907 (Independent Study) as a certificate capstone. If they do, they will only have to take two additional elective courses (6 credits).

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>URP 6315</td>
<td>Introduction to Urban Planning and Growth Management</td>
<td>3</td>
</tr>
<tr>
<td>PAD 5443</td>
<td>The Public Administrator and Media Relations</td>
<td>3</td>
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<tr>
<td>PAD 5043</td>
<td>Government and Minority Group Relations</td>
<td>3</td>
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<tr>
<td>PAD 6605</td>
<td>Administrative Law and Procedures</td>
<td>3</td>
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<td>PAD 6710</td>
<td>IT and E-government</td>
<td>3</td>
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<tr>
<td>PAD 6717</td>
<td>GIS Applications for Urban Management</td>
<td>3</td>
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<tr>
<td>CPO 6771</td>
<td>Politics of Disaster</td>
<td>3</td>
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<tr>
<td>DSC 6020</td>
<td>Terrorism and Homeland Security</td>
<td>3</td>
</tr>
<tr>
<td>EVR 5122</td>
<td>Natural Disasters and Social Vulnerability</td>
<td>3</td>
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<tr>
<td>GIS 5050</td>
<td>Environmental GIS</td>
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<td>INR 5066</td>
<td>Global and Human Security</td>
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<td>INR 6067</td>
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<td>MAN 6706</td>
<td>Crisis Management</td>
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<td>PHC 6251</td>
<td>Disaster and Emergency Epidemiology</td>
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<td>PHC 6374</td>
<td>Environmental Disasters and Human Health</td>
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<td>SYG 6932</td>
<td>Special Topics in Disaster Studies</td>
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<tr>
<td>PAD 5934*</td>
<td>Contemporary Issues in Public Administration</td>
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</tr>
<tr>
<td>PAD 6946</td>
<td>Public Administration Internship</td>
<td>3</td>
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Students may take up to two electives outside the Department. These electives must be selected from a list of approved electives or must be approved by Certificate Co-Chairs.

*Depending on the topic of the course and pending MPA Program approval, PAD 5934 (Contemporary Issues) may be counted as a certificate elective.

Graduate Certificate in Human Resource Policy and Management

**Mohamad G. Alkadry, Co-Chair and MPA Director**

Valerie Patterson, Co-Chair

Human Resource Policy and Management is designed to give graduate students a range of policy-analysis and management skills. It provides training in alternative personnel systems, (civil service, collective bargaining, privatization and service contracting), personnel techniques for productivity improvement, current issues, and ethics and professionalism. This certificate emphasizes the application of behavioral science concepts and techniques to employers in a multicultural context.

Certificate Requirements

**Admissions**

All applicants must hold a baccalaureate degree from an accredited college or university and have an upper division GPA of at least 3.0. Applicants with GPA lower than 3.0 may be considered if they submit a GRE, LSAT or GMAT Score. Students must be admitted to the certificate program to start taking classes. Admission to a certificate program does not guarantee admission to the Master of Public Administration (MPA) program.

Note: Those students who apply for and are admitted to the Master of Public Administration degree program may have certificate courses credited toward an outside specialization in Human Resource Policy and Management. All the credits earned in a Graduate Certificate Program may be used in a master's degree program provided the student is admitted to the master's degree program prior to the completion of no more than 12 Graduate Certificate credits. All transferred courses must have a grade of ‘B’ or better.

**Program of Study: (15)**

The following three courses are required

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 6417</td>
<td>Human Resource Policy and Management</td>
<td>3</td>
</tr>
<tr>
<td>PAD 5427</td>
<td>Collective Bargaining and the Public Sector</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6605</td>
<td>Administrative Law and Procedures</td>
<td>3</td>
</tr>
</tbody>
</table>

Two of the following nine courses must be taken to complete the certificate.

Certificate Students who are not also MPA students must take PAD 6907 (Independent Study) as a certificate capstone. If they do, they will only have to take one additional elective course (3 credits).

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 5043</td>
<td>Government and Minority Group Relations</td>
<td>3</td>
</tr>
<tr>
<td>PAD 5435</td>
<td>Administrator and the Role of Women</td>
<td>3</td>
</tr>
<tr>
<td>PAD 5460</td>
<td>Productivity Improvement</td>
<td>3</td>
</tr>
<tr>
<td>PAD 5616</td>
<td>Contracting and Managing Third Party Governments</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6436</td>
<td>Professionalism and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6710</td>
<td>IT &amp; E Government</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6156</td>
<td>Applied Organization Theory and Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PAD 5934*</td>
<td>Contemporary Issues in Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6946</td>
<td>Public Administration Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

Students may take up to two electives outside the Department. These electives must be selected from a list of approved electives or must be approved by Certificate Co-Chairs.

*Depending on the topic of the course and pending MPA Program approval, PAD 5934 (Contemporary Issues) may be counted as a certificate elective.

Students must earn a minimum of 3.0 cumulative GPA. All course grades must be “C” or better.
Joint Certificate in Integrated Marketing Communications: Latin American Certification

The Joint Graduate Certificate in Integrated Marketing Communications: Latin American Certification is an 18-hour program with two required courses each from ICAP and International Relations, plus several electives from both areas. The objective of this graduate-level certificate program is to prepare working communications professionals with the skills necessary to develop and implement communications programs in Latin America. It is also appropriate to provide international relations professionals who have gained communications responsibilities with a broad overview of the basic concepts and tasks of mass communications.

Certificate Requirements

Required Courses – ICAP Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUR 6806</td>
<td>Integrated Communication: Account Planning</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>(Prerequisite: Permission of the instructor)</td>
<td></td>
</tr>
<tr>
<td>PUR 6607</td>
<td>Strategic Communications Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>(Prerequisite: PUR 6806)</td>
<td></td>
</tr>
</tbody>
</table>

Elective Courses – ICAP Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMC 6402</td>
<td>Theories of Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>(Prerequisite: Permission of the instructor)</td>
<td></td>
</tr>
<tr>
<td>PUR 6935</td>
<td>Advanced Communications Seminar</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>(Prerequisite: Permission of the instructor)</td>
<td></td>
</tr>
</tbody>
</table>

Required Courses – Politics and International Relations

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INR 6107</td>
<td>U.S. Foreign Policy</td>
<td>3</td>
</tr>
<tr>
<td>INR 6609</td>
<td>Dynamics of International Relations in the 20th Century</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Courses – Politics and International Relations

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INR 4031</td>
<td>The Media and International Relations</td>
<td>3</td>
</tr>
<tr>
<td>INR 6089</td>
<td>International Relations and Human Rights</td>
<td>3</td>
</tr>
<tr>
<td>INR 6209</td>
<td>Comparative Foreign Policy of Latin America</td>
<td>3</td>
</tr>
<tr>
<td>INR 6604</td>
<td>International Relations Theory I</td>
<td>3</td>
</tr>
<tr>
<td>INR 6606</td>
<td>Political Psychology of International Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

Current selections from the Latin American and Caribbean Center as offered.

Graduate Certificate in International and Comparative Public Administration

Mohamad G. Alkadry, Co-Chair and MPA Director
Jean-Claude Garcia Zamor, Co-Chair

The Certificate in International and Comparative Public Administration is designed as a specialization for students interested in international policy and administrative affairs. The certificate program will expose students to international policy aspects such as globalization, immigration, information technology, transnational institutions and other related areas.

Admission Requirements

All applicants must hold a baccalaureate degree from an accredited college or university and have an upper division GPA of at least 3.0. Applicants with GPA lower than 3.0 may be considered if they submit a GRE, LSAT or GMAT Score. Students must be admitted to the certificate program to start taking classes. Admission to a certificate program does not guarantee admission to the Master’s Degree in Public Administration (MPA) program.

In order to have certificate courses credited toward the MPA, each course must have a grade of 'B' or higher and the student must be admitted to the master's degree program prior to the completion of no more than 12 Graduate Certificate credits.

Program Requirements (18 credits)

Three Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 6836</td>
<td>International Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6838</td>
<td>Development Administration</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6436</td>
<td>Professionalism and Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

Three Elective Courses

Certificate Students who are not also MPA students must take PAD 6907 (Independent Study) as a certificate capstone. If they do, they will only have to take two additional elective courses (6 credits).

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 5557</td>
<td>Globalization</td>
<td>3</td>
</tr>
<tr>
<td>GEO 6603</td>
<td>Cities and Regions in Global Perspective</td>
<td>3</td>
</tr>
<tr>
<td>INR 5507</td>
<td>International Organizations I</td>
<td>3</td>
</tr>
<tr>
<td>INR 6010</td>
<td>Global Governance</td>
<td>3</td>
</tr>
<tr>
<td>POS 5146</td>
<td>Seminar in Urban Politics</td>
<td>3</td>
</tr>
<tr>
<td>PAD 5934*</td>
<td>Contemporary Issues in Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6946</td>
<td>Public Administration Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

Students may take up to two electives outside the Department. These electives must be selected from a list of approved electives or must be approved by Certificate Co-Chairs.

Students must earn a minimum of 3.0 cumulative GPA. All course grades must be "C" or better.

Graduate Certificate in Latin American and Caribbean Studies

Cristina Eguizábal, LACC, Director
Liesl Picard, LACC, Associate Director
Sherry Johnson, Director, LACC Academic Programs

LACC Faculty Advisory Board

Manuel Gomez-Law, Assistant Professor, College of Law
Jerry Haar, Associate Dean and Professor, College of Business Administration
Pilar Martinez, Assistant Professor, College of Medicine
Juan A. Martinez, Professor and Chairperson, Department of Art and Art History
Aurora G. Morcillo, Associate Professor, Department of History
Pallab Mozumder, Assistant Professor, Department of Earth and Environment and Department of Economics
Marifeli Pérez-Stable, Professor, Department of Global and Sociocultural Studies
Andrea Queeley, Assistant Professor, Department of Global and Sociocultural Studies and African and African Diaspora Studies
Gene Rosenberg, Associate Chair and Professor, Department of Biological Sciences
Chantalle F. Verna, Department of Politics and International Relations and Department of History
Mercedes Vigón, Associate Director of the International Media Center
Augusta Vono, Instructor of Portuguese, Department of Modern Languages

Offered through the Latin American and Caribbean Center (LACC), this graduate 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. A total of 15 credit hours of graduate course work with a grade of ‘B’ or higher. Courses must come from the approved Latin American and Caribbean Studies course listing or be approved by the certificate faculty advisor. Courses may include those in the student’s departmental major, but must be selected from at least two disciplines outside the student’s major. A student may elect to focus on a country, region, or topic for the certificate (such as political science, Cuban studies, international business, art history, migration, etc.) or pursue a broader selection of courses in a variety of disciplines.

2. Each student is required to demonstrate reading proficiency in either Spanish or Portuguese, or in another regional language such as French, Haitian Creole, or Dutch when justified by research interests. Proficiency is demonstrated by scoring at least ‘intermediate-high’ on the ACTFL/ETS exam for Spanish, Portuguese, or French. For other languages, corresponding tests of proficiency and levels of achievement will be required.

NOTE: Intermediate-high on the ACTFL/ETS 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 level) 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 certificate curriculum.

All LACC approved courses are posted at http://lacc.fiu.edu. (Under “Academic Programs”, select “Master in Arts Program,” then select on the left “LACC Certificate Programs and click Approved Courses” or by 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 5000 through 7000 series may be applied to the certificate. Approved courses are also posted each semester outside LACC (DM 353).

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

Graduate Certificate in Marriage and Family Therapy

Lisa Arango, Director, Psychology

The Graduate Certificate in Marriage and Family Therapy offered through the Department of Psychology, is a 15-credit program that offers advanced education and specialized training in Marriage and Family Therapy. The curriculum concentrates on teaching theory, skills, and techniques for conducting therapy with couples and families within multicultural populations. Students will also gain knowledge and understanding of the legal and ethical guidelines in couples and family therapy, and sociocultural issues that impact families.

The curriculum will fulfill partial educational requirements for licensure as a Marriage and Family Therapist by the Florida Board of Clinical Social Work, Marriage and Family Therapy, and Mental Health Counseling. Courses from this program can also be applied as elective courses for students in the Counseling Psychology Masters Program offered through the Department of Psychology.

Admission Requirements

Students applying for the Graduate Certificate in Marriage and Family Therapy must meet the following requirements for admission in addition to submitting the application:

1. Hold a bachelors degree or equivalent from an accredited college or university;
2. Have a minimum GPA of 3.0 on a 4.0 scale during the last two years of upper division coursework;
3. Statement of intent;
4. Two letters of recommendation;
5. Current resume; and
6. Official academic transcript.

Program Requirements

The graduate certificate program requires that students maintain a GPA of 3.0 or higher for successful completion of the program and earn a “B” or better in all courses of the certificate.

Semester I

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCO 5251</td>
<td>Couples and Family Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

And one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCO 5750</td>
<td>Contemporary Issues in Family Life and Process</td>
<td>3</td>
</tr>
<tr>
<td>CYP 6766</td>
<td>The Psychology of Crosscultural Sensitization in a Multicultural Context</td>
<td>3</td>
</tr>
</tbody>
</table>

Semester II

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCO 5253</td>
<td>Theory and Techniques in Family Therapy</td>
<td>3</td>
</tr>
<tr>
<td>PCO 5252</td>
<td>Theory and Techniques in Couples and Marital Therapy</td>
<td>3</td>
</tr>
</tbody>
</table>

And one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCO 6254</td>
<td>Principles and Practices in Couples and</td>
<td>3</td>
</tr>
</tbody>
</table>
Graduate Certificate in Middle East and Central Asian Studies

Mohiaddin Mesbahi, Director, Middle East Studies

Coordinating Committee

Iqbal Akhtar, Religious Studies/Politics and International Relations

Daniel Alvarez, Religious Studies
Peter Craumer, Global and Sociocultural Studies
Eric Lob, Politics and International Relations
Maria del Mar Logrones-Narbona, History
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 Graduate Certificate in Middle East and Central Asian Studies, which is offered through the Middle East Studies (MES), provides students with the opportunity for a rich multidisciplinary learning experience. Students have 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. 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; Website: http://mideast.fiu.edu.

Admission Requirements

Baccalaureate degree from an accredited institution for higher education (or equivalent), with a minimum cumulative grade point average of 3.0 for the last two years of undergraduate work, and current enrollment in an FIU graduate program. This certificate program is open to degree seeking students only.

Certificate Requirements:

A total of 18 credit hours of graduate course work, with a cumulative GPA of 3.0 and a grade of C or higher in all courses applied toward certificate requirements.

1) Core Requirements (6 credits):

Three credits from each group below.

Group A (3 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPO 6407</td>
<td>Seminar in Middle East Politics</td>
<td>3</td>
</tr>
<tr>
<td>INR 5275</td>
<td>International Relations of the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>INR 5086</td>
<td>Islam in International Relations</td>
<td>3</td>
</tr>
<tr>
<td>INR 5276</td>
<td>IR of Iran and the Persian Gulf</td>
<td>3</td>
</tr>
</tbody>
</table>

Group B (3 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>INR 5086</td>
<td>Islam in International Relations</td>
<td>3</td>
</tr>
<tr>
<td>RLG 6097</td>
<td>Muslim Concepts of War: A Perspective for National Security</td>
<td>3</td>
</tr>
<tr>
<td>RLG 6094</td>
<td>Seminar in Religious Fundamentalism</td>
<td>3</td>
</tr>
<tr>
<td>RLG 6096</td>
<td>Advanced Religious Fundamentalism: A Viewpoint for National Security</td>
<td>3</td>
</tr>
</tbody>
</table>

2) Elective Courses (12 credits):

Four courses (12 credits) from the courses listed below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASN 5605</td>
<td>Silk Road: Then and Now</td>
</tr>
<tr>
<td>CPO 6084</td>
<td>War, Peace and the Military</td>
</tr>
<tr>
<td>HIS 5289</td>
<td>Comparative History*</td>
</tr>
<tr>
<td>HIS 5930</td>
<td>Special Topics in History*</td>
</tr>
<tr>
<td>INR 5352</td>
<td>Environment and Security</td>
</tr>
<tr>
<td>INR 5062</td>
<td>War, Peace and Conflict Resolution in INR</td>
</tr>
<tr>
<td>INR 5276</td>
<td>Graduate Seminar the International</td>
</tr>
<tr>
<td>RLG 5907</td>
<td>Independent Study in Sephardic and</td>
</tr>
<tr>
<td></td>
<td>Oriental Jewry</td>
</tr>
<tr>
<td>INR 6266</td>
<td>Seminar in Russian Foreign Policy</td>
</tr>
<tr>
<td>INR 6338</td>
<td>Seminar in Strategic Studies*</td>
</tr>
<tr>
<td>RLG 5394</td>
<td>Jewish Mystical Texts</td>
</tr>
<tr>
<td>RLG 5360</td>
<td>Classical Arabic</td>
</tr>
<tr>
<td>RLG 5366</td>
<td>Advanced Interpretation of the Quran:</td>
</tr>
<tr>
<td></td>
<td>Gender and Jihad</td>
</tr>
<tr>
<td>RLG 5369</td>
<td>Voice of the Prophet</td>
</tr>
<tr>
<td>RLG 5613</td>
<td>Religion, Culture and Politics in Israel</td>
</tr>
<tr>
<td>RLG 5617</td>
<td>Jews and Muslims in the Middle Ages</td>
</tr>
<tr>
<td>RLG 5629</td>
<td>Kabbalah, Peace and War</td>
</tr>
<tr>
<td>RLG 6442</td>
<td>Religion in the Contemporary World</td>
</tr>
<tr>
<td>EVR 5353</td>
<td>International Energy Policy</td>
</tr>
<tr>
<td>SYD 5045</td>
<td>Population and Society*</td>
</tr>
<tr>
<td>SYD 6236</td>
<td>International Migration and Refugees*</td>
</tr>
<tr>
<td>SYO 6536</td>
<td>Comparative and Global Inequality*</td>
</tr>
<tr>
<td>WOH 5935</td>
<td>Topics in World History*</td>
</tr>
</tbody>
</table>

*Seminars and Special Topics are appropriate for certificate when dealing with issues of the broader Middle East (Eligibility to be determined by Program Director).

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

Graduate Certificate in National Security Studies

David K. Twigg, Director

Coordinating Committee

John Boyd, Economics
Ralph S. Clem, Global and Sociocultural Studies
Edward Glab, College of Business
Christine Gudorf, Religious Studies
Steven Heine, Religious Studies and History
Paul Kowert, Politics and International Relations
Jeremy Levitt, College of Law
Mohiaddin Mesbahi, Politics and International Relations
Richard Olson, Politics and International Relations
Ediberto Roman, College of Law
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 graduate course work with a grade of “B” or higher. Courses must come from the approved GCNSS 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 “B” 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-pluss 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 GCNSS curriculum.

Skill Requirement: (3 credit hours)
POS 5785 Writing Professionally

Core Requirement: (6 credit hours)
Select one of the following courses:
GIS 5620 Surveillance, Intelligence, and International Relations
POS 5706 Research Methodology
SYA 6305 Research Methods I

Select one of the following courses:
INR 5007 Seminar in International Politics
INR 5105 American Foreign Policy
INR 5315 Foreign Policy Analysis
INR 5615 Research Design in International Relations
INR 6107 U.S. Foreign Policy: Processes and Institutions
INR 6338 Seminar in Strategic Studies

National Security Studies: (3 credit hours)
Select one of the following courses:
Business, Finance & Management
FIN 6487 Financial Risk Management – Financial Engineering
FIN 6636 International Finance

Criminal Justice
CJE 5024 Violent Crime & Criminal Behavior
CCJ 5106 Law & Social Control

Economics
ECO 5709 The World Economy
ECO 5707 International Economic Problems
ECS 5005 Comparative Economic Systems
ECS 5027 Economic Development of Emerging Nations
ECS 7015 Development Economics: Theory
ECS 7026 Development Economics: Planning and Policy

Global and Sociocultural Studies
GIS 5935 Topics in Geographic Information Systems
GIS 5038 Remote Sensing
GEO 5415 Topics in Social Geography
SYO 6306 Political Sociology
SYP 5447 Development and Post-Development

History
HIS 5939 Special Topics
AMH 5935 Topics in American History
EUH 5935 Topics in European History

Politics and International Relations
INR 5062 War, Peace and Conflict Resolution in INR
INR 6089 International Relations and Human Rights
INR 6338 Seminar in Strategic Studies
INR 6606 Political Psychology of International Relations

Law
LAW 6506 Foreign Relations and National Security
LAW 6936 Topics: Seminar in National Security and the Constitution

Politics and International Relations
CPO 5036 Politics of Development
CPO 5936 Seminar in Comparative Political Parties
CPO 6084 War, Peace & Military
CPO 6092 Seminar in Comparative Political Culture
INR 5036 Politics of Globalization
INR 5934 Topics in International Politics
INR 6080 Seminar on Non-State Actors
INR 6205 World Politics
INR 6705 Seminar in International Political Economy

Area Studies: (6 credit hours)
Select two of the following courses:
Business, Finance & Management
FIN 6656 Latin American Financial Markets

Criminal Justice
CCJ 6040 Comparative Crime and Criminal Justice Systems
CCJ 6056 History of the American Criminal Justice System
CCJ 5288 Legal Issues for Criminal Justice
CCJ 6935 Special Topics
CCJ 6477 Seminar in Information Systems.
PAD 6701 Quantitative Methods in Public Administration

Economics
ECO 6225 Economics of Asset Markets
Graduate Certificate in Public Management

Mohamad G. Alkadry, Certificate Chair and MPA Director

This graduate certificate program provides students with a thorough understanding of the managerial concepts and techniques of public administration and is designed particularly for those who already have a professional field of specialization. The Certificate is designed for non-Master of Public Administration (MPA) students, although students who are admitted into this Certificate program may apply for admission to the MPA program. Current MPA students may not be admitted to this Certificate.

Certificate Requirements

Admissions

All applicants must hold a baccalaureate degree from an accredited college or university and have an upper division GPA of at least 3.0. Applicants with GPA lower than 3.0 may be considered if they submit a GRE, LSAT or GMAT Score. Students must be admitted to the certificate program to start taking classes. Admission to a certificate program does not guarantee admission to the Master of Public Administration (MPA) program.
Note: Those students who apply for and are admitted to the Master of Public Administration degree program may have certificate courses credited toward the MPA core. All the credits earned in a Graduate Certificate Program may be used in a master’s degree program, provided the student is admitted to the master’s degree program prior to the completion of no more than 12 Graduate Certificate credits. Courses with a grade of less than ‘B’ may not count toward MPA program if they were taken as certificate courses.

Program of Study: (15)
The following four courses are required:

1. PAD 6053 Political, Social, and Economic Context of PA 3
2. PAD 6156 Applied Organization Theory and Behavior 3
3. PAD 6227 Public Finance and & Budgetary Process 3
4. PAD 6306 Policy Analysis and Program Planning 3

One of the following electives must be taken to complete the certificate:

Certificate Students who are not also MPA students must take PAD 6907 (Independent Study) as a certificate capstone. If they do, they will have no additional elective courses to choose.

1. PAD 5043 Government and Minority Group Relations 3
2. PAD 5435 Administration and the Role of Women 3
3. PAD 6436 Professionalism and Ethics 3
4. PAD 6209 Financial Management in Public and Nonprofit Organizations 3
5. PAD 6605 Administrative Law and Procedures 3
6. PAD 6710 IT & E Government 3
7. PAD 6807 Urban and Municipal Government Administration 3

Students must earn a minimum of 3.0 cumulative GPA. All course grades must be "C" or better.

Graduate Certificate Program in Religious Studies

The purpose of the Graduate Certificate Program is to offer an alternative to the MA degree program for students who wish to pursue an organized program of study at the graduate level, but have no need of a degree and wish a shorter term project.

Certificate Requirements

1. Students must either have taken the undergraduate course REL 3308 World Religions as a prerequisite before entering the certificate program, or must complete it within the program, usually in the first semester of coursework.
2. Students must complete 18 credit hours of graduate level courses in the general area of religion.
3. Students must have a minimum GPA of 3.0 in their graduate religion courses.
4. Earned grades in the 18 hours of graduate religion courses must be "B" or better; grades of "B-" or below will not be counted toward the 18.
5. Students in the Graduate Certificate Program in Religious Studies who wish to transfer into the MA program must meet the requirements for matriculation.

Graduate Certificate in Sustainable Communities

Laura Ogden, Director, Global and Sociocultural Studies

Coordinating Committee
Marta Canaves, Landscape Architecture
Richard Olson, Politics and International Relations
Christine Gudorf, Religious Studies
John H. Boyd, III, Economics
Joel Heinen, Earth and Environment

The Graduate Certificate in Sustainable Communities offers students an introduction to the theoretical and methodological tools necessary to critique and conduct research on society/environment interactions. The objective of the certificate is to prepare students to participate in current environmental debates, whether through scholarship and teaching, non academic professional activities or activism. The certificate requires eighteen credits of interdisciplinary courses.

This certificate will appeal to an interdisciplinary graduate student population at FIU drawing students from Arts and Sciences, as well as other schools and colleges (as reflected in the requirements below). In particular, the certificate will aid students interested in natural resource management and conservation, regional and urban planning, as well as domestic and international development and policy issues. The certificate will serve students interested in pursuing careers in local, national and international government and non-governmental organizations, as well as academic careers.

Certificate Requirements

1. Application to the Certificate Program.
2. Acceptance to and good standing in a graduate degree program at FIU.

Core Course
ISS 5166 Seminar in Sustainable Communities

Electives
12 credit hours chosen from the list below. A 3 credit course can be substituted for any one of the listed electives with the approval of the Certificate Program Director.

Economics
ECP 6305 Advanced Environmental Economics

Earth and Environment
EVR 6330 Tropical Ecosystem Management
EVR 5355 Environmental Resources Policy
EVR 6360 Protected Area Management
EVR 7322 Methods of Sustainable Resource Management

Parks and Recreation Management
LEI 5605 Philosophical and Social Basis of Parks and Recreation

Politics and International Relations
CPO 6771 Politics of Disaster
Graduate Catalog 2013-2014

Global and Sociocultural Studies

ANG 5267 Environmental Anthropology
SYD 6901 GIS and Social Research
GEO 6473 Space, Place and Identity
INR 6056 Environment and Development

Landscape Architecture

LAA 5243 Regional Landscape Issues
LAA 6551 Sustainable Landscapes
LAA 5541 South Florida Landscapes
LAA 6521 Tropical Landscapes

Possible Further Course Offerings

Development and Indigenous Peoples (Dept. Global and Sociocultural Studies)
Historical Ecology/Landscape History (Dept. Global and Sociocultural Studies)
Eco-Capitalism and Cultural Politics (Dept. Global and Sociocultural Studies)
Latin American Social Movements (Dept. Global and Sociocultural Studies)
Political Ecology of the Environment (Dept. Earth and Environment)

Directed Research: (3 credits)

In consultation with the Certificate Program Director, student will produce an independent research paper or comparable piece of work on sustainable communities.

Graduate Certificate in Transnational and Regional Studies

Steven Heine, Associate Director, School of International and Public Affairs

Coordinating Committee

Ana Maria Bidegain, Religious Studies
Nathan Katz, Religious Studies
Mohiaddin Mesbahi, Politics and International Relations
Elisabeth Prugl, Politics and International Relations

The objective is to provide interdisciplinary graduate instruction in international/global studies that require specialization in one of the following main world regions, including Asia, Europe, Middle East, Russia or Central Asia. (Students interested in Latin America or Africa may wish to consult those programs.) For more information on the graduate degree, contact the School of International and Public Affairs, SIPA 530, telephone (305) 348-6561, fax (305) 348-6562. Email: riosm@flu.edu or visit our website: http://international.fiu.edu.

The Program requires 15 graduate-level credit hours (5 courses). Students will be advised by the Program Director and by the committee member with expertise in the region of specialization. Courses must be passed with “B” or better (B- is not acceptable).

Certificate Requirements

Course Requirements: 15 credits
Core Course in Global Studies: (3 credits)
A course in comparative or global studies, such as:
CPO 5091 Seminar in Comparative Politics
ECO 5709 The World Economy

ECP 5704 International Economic Problems and Policy
FOW 5587 Comparative Studies
HIS 5289 Comparative History
INR 5017 Approaches to Area Studies
MUH 5057 Music of the World
RLG 5138 Sects, Cults, and New Religions
SYP 5447 Development and Post-Development

Regional Studies Courses: (9 credits)
Courses in studies of the specialty region-Asia, Europe, Middle East, Russia or Central Asia. The courses can be taken in any relevant discipline, but must come from at least two different departments or disciplines.

Directed Research: (3 credits)
Supervision of an intensive research paper, fieldwork studies, or a comparable in-depth specialized project in studies of the region.

Language Requirements (credits cannot be applied to the certificate)

One year of study, or equivalent, in a language appropriate to the specialty region (such as Chinese or Japanese for Asian Studies, Hebrew or Arabic for Middle Eastern Studies).

Graduate Certificate in Water, Environment and Development Studies

Assefa M. Melesse, Chair, Earth and Environment

Coordinating Committee

Shlomi Dinar, Politics and International Relations
Janvier Gasana, Environmental and Occupational Health
Fernando Miralles-Wilhelm, Earth and Environment
René Price, Earth and Environment
Mike Sukop, Earth and Environment

The goal of the Graduate Certificate in Water, Environment, and Development Studies is to provide students with a multidisciplinary education in the occurrence, characteristics, and management of water resources in South Florida and internationally. Students will learn about the natural occurrence and dynamics of surface and ground water, the key biological and chemical factors affecting water resource quality, and the fundamental linkages between water and development. The graduate certificate program promotes an integrated understanding of the theoretical and practical elements of water resources management.

Certificate Requirements

The Graduate Certificate Program requires the successful completion of 15 credit hours of graduate course work. Students must maintain an average GPA of 3.0 or above and must earn a “C” or above in all courses counting toward the certificate. All students in the program are required to take one foundation course and at least one course from both the natural science and social science lists below. The remaining 6 credits may be satisfied with any combination of approved courses listed below.
Required Foundation Course
EVR 5322 Integrated Solutions for Water in Environment and Development 3

Natural Science, Engineering, and Public Health Courses
(all students must take at least one)
PCB 4301 Freshwater Ecology 3
EVR 5219 Water Resources Assessment 3
EVS 5145 Ecotoxicology 3
GLY 5245 Water-Rock Interaction 3
GLY 5265 Stable Isotope Biogeochemistry 3
PCB 5307 Limnology 3
EVR 5320 Environmental Resources Management 3
GLY 5827 Hydrogeology 3
BOT 5406 Algal Physiology 3
ENV 5517* Design of Wastewater Treatment Plants 3
ENV 5666* Water Quality Management 3
GLY 5754 Applied Remote Sensing in the Earth Sciences 3
CHM 5765 Aquatic Chemistry 3
GLY 5826 Hydrogeologic Modeling 3
GLY 5827 Hydrogeology 3
GLY 5828 Chemical Hydrogeology and Solute Transport 3
EVR 5905 Independent Study 3
(or any other independent study from other departments)
EVR 7056 GIS in Water Resources 3
CWR 6125 Groundwater Hydrology 3
CHM 6340* Organic Geochemistry 3
CWR 5140C* Ecohydrology 3
ENV 6615 Environmental Impact Assessment 3
GLY 6896 Advanced Topics in Hydrology 3
EVR 7329 Watershed Analysis and Management 3

*Engineering graduate courses are offered for graduate students with a relevant engineering background or other students meeting needed prerequisites and applicable criteria. Students must confirm their eligibility, in advance to any registration, with either the Civil and Environmental Engineering Graduate Program Director and the responsible instructor.

Social Science and Public Health Courses
(all students must take at least one)
CPO 5036 Politics of Development 3
SYD 5045 Population and Society 3
INR 5352 Environment and Security 3
EVR 5355 Environmental Resource Policy 3
ANG 5267 Environmental Anthropology 3
INR 5409 International Law I 3
SYP 5447 Development and Post-Development 3
INR 5507 International Organizations 3
INR 5607 International Relations and Development 3
INR 6056 Environment and Development 3
SYD 6236 International Migration and Refugees 3
PHC 6315 Introduction to Environmental Health 3
EVR 7322 Methods of Sustainable Resource Management 3
PHC 6410 Health Behavior and Public Health 3
PHC 6425 Legal and Regulatory Aspects of Environmental Health 3
PHC 6520 Public Health Aspects of Foodborne Diseases 3

PHC 6115 Global Perspectives of Env Health in the Caribbean and Latin America 3

Seminar Requirements
Students are expected to attend at least five seminars during each semester that they are enrolled in the Certificate Program. Early in each semester, students will be provided with a schedule of water-related seminars offered in departments across campus. The departments of Biology, Chemistry and Biochemistry, Civil and Environmental Engineering, Earth and Environment, Environmental and Occupational Health, Global and Sociocultural Studies, and Politics and International Relations each sponsor seminar series that commonly include water-related topics.

Students are also required to give a presentation on a water-related theme in a departmental seminar or professional conference.

Graduate Certificate in Women’s Studies

Core Faculty:
Yesim Darici, Director, Women’s Studies and Associate Professor of Physics
Dawn Addy, Director, Center for Labor Research and Studies and Global and Sociocultural Studies/Women’s Studies
Maya Boutaghou, Assistant Professor, Women’s Studies/Modern Languages
Asia Eaton, Assistant Professor, Women’s Studies/Psychology
Vrushali Patil, Associate Professor, Women’s Studies/GLOBAL and Sociocultural Studies
Suzanna Rose, Executive Director, School of Integrated Science and Humanity, and Professor, Women’s Studies/Psychology
Laurie Shrage, Professor, Women’s Studies/Psychology

Affiliated Faculty:
Mohamad G. Alkadry, Public Administration
Irma de Alonso, Economics
Maria Aysa, Global and Sociocultural Studies
Marissa Ball, Green Library
Lyne Barrett, English
Whitney Bauman, Religious Studies
Pascale Bécel, Modern Languages
Irma Becerra-Fernandez, Office of Engagement
Michelle Beer, Philosophy
Ana Maria Bidegain, Religious Studies
Heather Blatt, English
Steven Blevins, English
Phillip Carter, English
Cyra Akila Choudhury, Law
Maricel Cigales, Psychology
Ellen Cohn, Criminal Justice
Nadja Shreiber Compo, Psychology
Carol Damian, Art and Art History/Frost Museum
Alexandra Diallo, History/African and African Diaspora Studies
Cristina Eguizabal, LACC
Joyce Elam, University College
Andrea Fanta, Modern Languages
Caroline Faria, Global and Sociocultural Studies
Rebecca Friedman, History
Jose Gabilondo, Law
Evelyn Gaiser, Biological Sciences/SERC
Certificate Requirements

Eligibility

1) All graduate students in an M.A. or Ph.D. program at FIU are eligible to apply to this program. The

Women’s Studies Center encourages graduate students from all colleges to participate.

2) Students with a Baccalaureate degree from an accredited university may be admitted to the graduate certificate program as a non-degree seeking student.

3) Undergraduate students in their senior year may take graduate level courses to complete their graduate certificate as a post-baccalaureate certificate.

Admissions Requirements

Students applying for the Graduate Certificate in Women’s Studies must meet the following requirements for admission in addition to submitting the application:

1) Have a minimum GPA of 3.0 on a 4.0 scale during the last two years of upper division coursework;
2) Statement of intent;
3) Two letters of recommendation;
4) Current resume;
5) Official academic transcript.

Certificate candidates must complete a total of 15 credit hours at the 5000 level or higher. 6 credit hours from the core + 9 credit hours from the list of graduate level electives = 15 credit hours:

Core I Requirement (3 credits)

WST 5507 Feminist Theory

Core II Requirement (3 credits)

Choose one of the following courses or any other graduate level WST course:

- WST 5935 Special Topics in Women’s Studies
- WST 5936 Women and Leadership
- WST 5905 Independent Study
- WST 5946 Women’s Studies Internship

Graduate Level Electives (9 credits)

Choose from approved list of graduate level Women’s Studies electives. These include:

- FIL 4881 Hispanic Culture: Women and Film
- RLG 5184 Sexuality, Religion and Social Change
- RLG 5435 Feminist Theory and Religion
- RLG 5144 Women and Religion
- SYD 5708 Advanced Race, Gender, Sexuality: Entanglements Across Time and Space

For more options, please see our current full list of approved courses on our website: http://womensstudies.fiu.edu/academics/current-course-offerings/.

Students may apply up to three credit hours of thesis or dissertation research to the certificate if the research has a prominent focus on women and gender.