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:
Pascale Bécel, Chair and Associate Professor, 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
Veronique Helenon, Assistant Professor, History and African and African Diaspora Studies
Tomatro 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 Merleau, Assistant Professor, History
Aurora Morcillo, Associate Professor, History and Women's Studies
Roderick Paul Neumann, Professor, 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

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 Academic 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 3
AFA 5107   Teaching the African American Experience 3
AFA 5341   Health Issues in the African World 3
AFA 5600   National and Transnational Policy Analysis: The African Diaspora 3
AFH 5905   Readings in African History 3
AFH 5935   Topics in African History 3
FRE 5508   La Francophonie 3
HAI 5235   Haitian Creole Seminar 3
LAH 5465   Peoples, Culture and Politics of Haiti 3
LAS 6025   Seminar: Humanities in Cuba 3
LIN 6602   Language Contact 3
LIT 5359   African Diaspora Women Writers 3
LIT 5358   Black Literature and Literary/Cultural Theory 3
MUH 5025   History of Popular Music in the United States 3
MUH 5067   Music of the Caribbean 3
REL 5122   African-American Religion 3
REL 5372   The Globalizing of African Spirituality 3
REL 5384   Rasta, Vodou, Santeria 3
REL 5488   Theology and Liberation Movements 3
SPN 5536   Afro-Cuban Culture 3
SPN 5537   Special Topics in Afro-Hispanic Culture 3
SPW 5346   Poetry of Jorge Guillen 3
SPW 5776   Black Literature in Latin America 3
SPW 6368  19th Century Spanish-Caribbean Narrative  3
WOH 5237  The African Diaspora Since the End Of the Slave Trade  3
WOH 5236  The Transatlantic Slave Trade and the Making of the African Diaspora, 1441-1807  3

List II: The Social Sciences
Students must choose between 6 and 9 credits from the list below:

ANG 6473  Diasporas, Migration, and Globalization  3
ANG 5397  Advanced African Diaspora Cultures and Performativity  3
ANG 5396  Representations of Africa and Africans in Films  3
ANT 6319  The African Diaspora: Anthropological Perspectives  3
CPO 5325  Politics of the Caribbean  3
CPO 6350  Seminar in Brazilian Politics  3
CPO 6376  Seminar in Central American Politics  3
CPO 6206  Seminar in African Politics  3
CYP 6766  The Psychology of Crosscultural Sensitization in a Multicultural Context  3
ECS 5406  Latin American Economies  3
ECS 6436  The Economies of Caribbean Migration  3
ECS 7435  Economics of the Caribbean  3
INR 5087  Ethnicity and the Politics of Development  3
INR 5255  Seminar in African Development  3
INR 6936  Seminar in Inter-American Politics  3
SYD 6705  Comparative Analysis of Ethnicity and Race  3

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. 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
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
REL 5346  Seminar on Buddhism
REL 5352  Religions of East Asia
REL 6395  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
REL 5272  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
LAS 6017  Intelligence Issues in Latin America
INR 6936  Seminar in Inter-American Politics

Middle Eastern Studies
HIS 5930  Special Topics
CPO 6407  Seminar in Politics of the Middle East
INR 5086  Islam in International Relations
INR 5275  International Relation of the Middle East
INR 6338  Seminar in Strategic Studies

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

Steven Heine, Director, Asian Studies

Coordinating Committee
Mahadev Bhat, Earth and Environment and Economics
Nathan Katz, Religious Studies
Paul Kowert, Politics and International Relations
Matthew Marr, Global and Sociocultural Studies

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. 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
ASH 5130 Zen and the Arts
ASH 5131 Zen and the Arts II
ASH 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
EVI 5069 Wetland Ecology and Management
PCB 5046 Plant Conservation Biology
EVR 5069 Wetland Ecology and Management
EVR 5XXX Invasive Species Ecology Management
SWS 5305 Advanced Soil Resources Analysis

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 5XXX Invasive Species Ecology Management 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 Community Development

Howard Frank, Co-Chair, Public Administration
Sukumar Ganapati, Co-Chair, Public Administration

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 2.75. Students must be admitted to the certificate program. Admission to a certificate does not constitute admission to the master’s degree in Public Administration (MPA) program. If a certificate student with an undergraduate GPA less than 3.0 earns 3.25 or higher GPA in the first 12 credits of the graduate certificate, that student can be considered for full admission to the MPA program provided he/she has completed the application and has submitted the application fee and all required materials. This certificate can only be completed at the Broward Pines Center.

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)

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>URP 6315</td>
<td>Introduction to Urban Planning and Growth Management</td>
<td>3</td>
</tr>
<tr>
<td>PAD 5805</td>
<td>Economic Development and Urban Revitalization</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6053</td>
<td>Political, Social and Economic Context of Public Administration</td>
<td>3</td>
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</tbody>
</table>

Electives: (9 credits)

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PAD 6807</td>
<td>Urban and Municipal Government Administration</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6306</td>
<td>Policy Analysis and Program Planning</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6434</td>
<td>Leadership and Decision-making</td>
<td>3</td>
</tr>
<tr>
<td>PAD 5934</td>
<td>Contemporary Issues in Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6710</td>
<td>IT and E-government</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6717</td>
<td>GIS Applications for Urban Management</td>
<td>3</td>
</tr>
<tr>
<td>PAD 5460</td>
<td>Productivity Improvement</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6227</td>
<td>Public Finance and the Budgetary Process</td>
<td>3</td>
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Graduate Certificate in Conflict Resolution and Consensus Building

Dawn Addy, Certificate Director, Labor Studies

Coordinating Committee

Fred Becker, Public Administration
John Clark, International Relations
Nora Femenia, Labor Studies
Guillermo Grenier, Sociology/Anthropology
Joel Heinen, Environmental Studies
Thomas Humphries, Labor Studies
Nathan Katz, Religious Studies
Paul Kowert, International Relations
K. Galen Kroeck, Management
Virginia McCoy, Public Administration
Diann Newman, Hospitality Management
Bruce Nissen, Labor Studies

Elizabeth Prugl, International Relations
Nicol Rae, Political Science
Keith Revell, Public Administration
Joan Remington, Hospitality Management
Suzanna Rose, Psychology
Carol Stepick, Labor Studies
Noah Warman, Labor Studies
Dian Weddle, Dietetics and Nutrition
Jorge Zumaeta, Labor Studies

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

The certificate program requires 18 hours (6 courses) of study at the graduate level from the following certificate program course listing, or others approved by the certificate program advisor. Three tracks of study are offered: Track I: Workplace Conflict Resolution; Track II: Community Conflict Resolution; and Track III: Global Issues and Conflict Resolution.

For each track there are two required core courses and four additional electives. 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.

Core Courses for all Track: (6 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>LBS 5485</td>
<td>Fundamentals of Conflict Resolution</td>
<td>3</td>
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<tr>
<td>LBS 5931</td>
<td>Topics in the Philosophy and Methods of Conflict Research</td>
<td>3</td>
</tr>
</tbody>
</table>

or

A research or methods course from related disciplines to be chosen from various disciplines in consultation with advisor.
Track I: Workplace Conflict Resolution: (12 hours)
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 Dynamics of Conflict Management
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

Management
MAN 6066 Business Ethics
MAN 6121 Interpersonal Behavior and Analysis
MAN 6209 Organizational Design and Behavior
MAN 6295 Conflict in Organizations
MAN 6405 Labor Relations
MAN 6411 Collective Bargaining Topics

Education
EDA 6225 Labor Relations in Education
EDA 6232 School Law
EDA 7233 Ethics and Educational Leadership
EDA 7236 Law and Higher Education
EDF 6365 Cultural Identities and Conflict Perspectives
EDF 6366 Conflict Resolution: Negotiation-Based Perspectives
EDF 6367 Interactive Conflict
EDH 6055 Access and Choice in Higher Education
EDS 6050 Supervision and Staff Development

Hospitality
HFT 5545 Leadership Training for Team Building
HFT 6225 Multicultural Human Resources Management in Hospitality
HFT 6226 Motivation and Leadership
HFT 6246 Organizational Behavior in the Hospitality Industry

Public Administration
PAD 5043 Government and Minority Group Relations
PAD 5427 Collective Bargaining in the Public Sector
PAD 6028 Policy Analysis and Planning
PAD 6417 Human Resource Policy and Management
PAD 6436 Professionalism and Ethics
PAD 6434 Leadership in Decision Making

Public Health
PHC 6589 Health Promotion in Institutional Settings

Dietetics and Nutrition
HUN 6259 Management of Nutrition Services

Track II: Community Conflict Resolution: (12 hours)
Education
EDF 5880 Intercultural Education: National and International Perspectives
EDF 6365 Cultural Identities and Conflict
EDF 6366 Conflict Resolution: Negotiation-Based Perspectives

Track III: Global Issues and Conflict Resolution (12 hours)
Education
EDF 6367 Interactive Conflict Resolution: Third Party Perspective
EDG 5707 Cultural and Cross-Cultural Studies

Earth and Environment
EVR 5355 Environmental Resource Policy

Labor Studies
LBS 5466 Family Mediation
LBS 5467 Civil Mediation
LBS 5930 Topics in Labor Studies
LBS 5465 Introduction to Mediation
LBS 5486 Dynamics of Conflict Management
LBS 6906 Directed Individual Study
LBS 6945 Internship in Labor Studies/Alternative Dispute Resolution

Politics and International Relations
POS 5045 Seminar in American Politics
POS 5146 Seminar in Urban Politics
POS 5326 Seminar in Class Analysis
POS 5932 Topics in Urban Politics

Psychology
CYP 5534 Groups as Agents of Change
CYP 6766 The Psychology of Cross-cultural Sensitization in a Multi-cultural Context
SOP 6752 Psychology of Juries

Public Health
PHC 6311 Environmental Health Risk Assessment
PHC 6355 Occupational Health and Safety
PHC 6356 Fundamentals of Industrial Hygiene
PHC 6315 Public Health and Environmental Management

Religious Studies
REL 5149 Religion, Violence and Conflict

Global and Sociocultural Studies
ANT 5318 American Culture and Society
ANT 6302 Gender Identity in Comparative Perspective
ANT 6319 The African Diaspora
SYD 6236 International Migration and Refugees
SYD 6325 Seminar in Comparative Sociology of Gender
SYO 6536 Comparative and Global Inequality
SYD 6625 South Florida Socio-Cultural Systems
SYD 6705 Comparative Systems of Ethnicity and Race
SYO 6135 Families and Social Change
SYP 6907 Comparative and Global Social Change
Earth and Environment
EVR 5350 International Organizations and Environmental Politics

Politics and International Relations
INR 5xxx International Negotiations and Conflict Resolution
INR 5062 War, Peace and Conflict
INR 5086 Islam and International Relations
INR 5275 International Relations of Middle East
INR 5315 Foreign Policy Making
INR 5409 International Relations Law I
INR 5607 International Organizations I
INR 6089 International Relations and Human Rights
INR 6107 U.S. Foreign Policy: Processes and Institutions
INR 6338 Seminar in Strategic Studies
INR 6606 Political Psychology of International Relations

Labor Studies
LBS 5465 Introduction to Mediation
LBS 5658 Labor Movements and Economic Development
LBS 5486 Dynamics of Conflict Management
LBS 6906 Directed Individual Study
LBS 6945 Internship in Labor Studies/Alternative Dispute Resolution

Psychology
CYP 5534 Groups as Agents of Change
CYP 6766 The Psychology of Cross-Cultural Sensitization in a Multi-Cultural Context

Public Health
PHC 6115 International Public Health

Dietetics and Nutrition
HUN 5195 International Nutrition: Problems, Policies and Management

Religious Studies
REL 5149 Religion, Violence and Conflict

Global and Sociocultural Studies
ANT 6302 Gender Identity in Comparative Perspective
ANT 6319 The African Diaspora
SYD 5447 Sociology of International Development
SYD 6236 International Migration and Refugees
SYD 6325 Seminar in Comparative Sociology of Gender
SYO 6536 Comparative and Global Inequality

Management
MAN 6601 International Management
MAN 6615 International Labor-Management Relations
MAN 6703 Colloquium in Managing Organizational Ethics

Graduate Certificate in Environmental Studies

Krish Jayachandran, Director, Earth and Environment

Coordinating Committee
Mahadev Bhat, Economics and Earth and Environment
Suzanne Koptur, Biology
Rod Neumann, Global and Sociocultural Studies
Laura Ogden, Global and Sociocultural Studies
Ray Scattone, Director, Earth and Environment

This graduate certificate is an interdisciplinary program focused on various environmental issues that is analogous to the undergraduate Certificate in Environmental Studies. It is aimed primarily at graduate students in Politics and International Relations, Economics, 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
REL 5183 Religion, Nature, and Globalization

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
EVR 6300 Topics in Urban Ecology
EVR 6406 U.S. Endangered Species Management
EVR 6067 Tropical Forest Conservation/Utilization
EVR 6330 Tropical Ecosystem Management
GIS 5050 Environmental GIS
EVR 5935 Special Topics in Environmental Studies
EVR 5907 Research and Independent Study
LEI 5605 Philosophical and Social Basis of Parks and Recreation
HFT 6706 Environmental Management for Tourism
EDF 6766 Education, Environment and Sustainable Future
SYD 6901 Migration and Environment
INR 6056 Environment and Development
LAA 6551 Sustainable Landscapes
EVR 7322 Methods of Sustainable Resource Management
ECP 6305 Advanced Environmental Economic
Graduate Certificate in European Studies

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

Coordinating Committee
Tatiana Kostadinova, Politics and International Relations
Renee 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 required 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 Seminar on European Politics 3
CPO 5091 Seminar in Comparative Politics 3
ECO 7617 Seminar in Economic History 3
INR 5507 International Organizations I 3
INR 6010 Global Governance 3

Humanities:
ENL 5220 Major British Literary Figures 3
EUH 5935 Topics in European History: Women & Gender in Europe 3
EUH 5935 Topics in European History: Russian Revolution 3
EUH 5905 Readings in European History: Early Modern Court Societies 3
EUH 5905 Readings in European History: European Historical Film 3
EUH 6932 Research Seminar in European History 3
FRW 5934 Special Topics in Language Literature 3
FRW 5938 Graduate Seminar on French Literature 3
REL 5515 History of Early Christianity 3
REL 5619 Holocaust Representations: Religion and Remembrance 3

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

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://gislab.fiu.edu.

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

PAD 6717 GIS Applications for Urban Management
PAD 6710 IT and E-government
PCB 5328 Spatial Ecology
GIS 5935 GIS and Spatial Analysis for Earth Sciences or equivalent
PAD 6710 GIS Applications for Urban Management or equivalent
PAD 6717 GIS Applications for Urban Management or equivalent

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
PCB 5328 Spatial Ecology
PAD 6710 IT and E-government
PAD 6717 GIS Applications for Urban Management or equivalent
PAD 6717 GIS Applications for Urban Management or equivalent

Additional intermediate/advanced GIS courses under Category 2 Required Courses, or equivalent
Other GIS-related courses approved by the Program Director in consultation with the Coordinating Committee.

3. Remote Sensing
GLY 5754 Applied Remote Sensing in Earth Sciences or equivalent

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
PCB 5328 Spatial Ecology
PAD 6710 IT and E-government
PAD 6717 GIS Applications for Urban Management or equivalent
PAD 6717 GIS Applications for Urban Management or equivalent

Graduate Certificate in Homeland Security and Emergency Management
Howard Frank, Co-Chair, Public Administration
Emel Ganapati, Co-Chair, Public Administration

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 manmade 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 area, both at Broward Community College and 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 2.75. Students must meet the requirements for the certificate program. Admission to the certificate program does not constitute admission to the Master of Public Administration (MPA) program. If a certificate student with an undergraduate GPA less than 3.0 earns 3.25 or higher GPA in the first 12 credits of the graduate certificate, that student can be considered for full admission to the MPA program provided he/she has completed the application and has submitted the application fee and all required materials. This certificate can only be completed at the Broward Pines Center.

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 5426 Emergency Management and Planning 3
PAD 6399 Homeland Security Management for State and Local Government 3
PAD 6053 Political, Social and Economic Context of Public Administration 3

Electives: (9 credits)
PAD 6379 Homeland Security Risk Assessment 3
PAD 6306 Policy Analysis and Program Planning 3
PAD 6434 Leadership and Decision-making 3
PAD 5934 Contemporary Issues in Public Administration 3
PAD 6710 IT and E-government 3
PAD 6717 GIS Applications for Urban Management 3
PAD 5460 Productivity Improvement 3

Graduate Certificate in Human Resource Policy and Management

Human Resource Policy and Management is designed to give graduate students a range of policy-analytic 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 2.75. Students must be admitted to the certificate program. Admission to a certificate program does not ensure admission to the master’s degree in 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.
Program of Study: (15)
The following course is required
PAD 6417 Human Resource Policy and Management 3

Four of the following nine courses must be taken to complete the certificate.
PAD 5043 Government and Minority Group Relations 3
PAD 5427 Collective Bargaining and the Public Sector 3
PAD 5435 Administrator and the Role of Women 3
PAD 5460 Productivity Improvement 3
PAD 5616 Contracting and Managing Third Party Governments 3
PAD 6436 Professionalism and Ethics 3
PAD 6710 IT & E-Government 3
PAD 6605 Administrative Law 3
PAD 6156 Applied Organization Theory and Behavior 3

Students must complete their program of study within three years from the date of admission and receive no less than 3.0 cumulative GPA (all grades "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
PUR 6806 Integrated Communication: Account Planning 3
   (Prerequisite: Permission of the instructor)
PUR 6607 Strategic Communications Management 3
   (Prerequisite: PUR 6806)

Elective Courses – ICAP Program
MMC 6402 Theories of Mass Communication 3
   (Prerequisite: Permission of the instructor)
PUR 6935 Advanced Integrated Communications Seminar 3
   (Prerequisite: Permission of the instructor)

Required Courses – Politics and International Relations
INR 6107 U.S. Foreign Policy 3
INR 6609 Dynamics of International Relations in the 20th Century 3

Graduate Certificate in Latin American and Caribbean Studies

Cristina Eguizábal, LACC, Director
Liesl Picard, LACC, Associate Director
Andrea Mantell Seidel, LACC, Senior Director, Academic Programs
Ana Maria Bidegain, LACC, Director, Academic Programs

Elective Courses – Politics and International Relations
INR 4031 The Media and International Relations 3
INR 6089 International Relations and Human Rights 3
INR 6209 Comparative Foreign Policy of Latin America 3
INR 6604 International Relations Theory I 3
INR 6606 Political Psychology of International Relations 3

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

Graduate Certificate in International and Comparative Public Administration

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 2.75. Admission to a certificate program does not constitute admission to the Master's Degree in Public Administration (MPA) program.

If a certificate student with an undergraduate GPA less than 3.0 earns 3.25 or higher GPA in the first 12 credits of the graduate certificate, that student can be considered for full admission to the MPA Program provided he/she has completed the application and has submitted the application fee and all required materials. 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)

Required Courses
PAD 6142 The Management of Non-Profit Organizations 3
PAD 6306 Policy Analysis and Program Planning 3
PAD 6436 Professionalism and Ethics 3
PAD 6710 IT and E-Government 3
PAD 6836 International Public Administration 3
PAD 6838 Development Administration 3

Students must earn a minimum of 3.0 cumulative GPA. All course grades must be "C" or better.
Each student is required to demonstrate reading proficiency in Spanish, Portuguese, or French. For other languages, ‘intermediate-high’ on the ACTFL/ETS exam for proficiency is demonstrated by scoring at least ‘intermediate-high’ on the ACTFL/ETS exam for one regional language such as French, Haitian Creole, or Dutch when justified by research interests. Proficiency is demonstrated by scoring at least

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.
And one of the following:
PCO 5750 Contemporary Issues in Family Life and Process 3
CYP 6766 The Psychology of Crosscultural Sensitization in a Multicultural Context 3

Semester II
PCO 5253 Theory and Techniques in Family Therapy 3
PCO 5252 Theory and Techniques in Couples and Marital Therapy 3

And one of the following:
PCO 6254 Principles and Practices in Couples and Family Therapy 3
LAW 6710 Family Law 3

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-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 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
ECP 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
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<th>Course Code</th>
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<td>INR 6606</td>
<td>Political Psychology of International Relations</td>
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<td>LAW 6506</td>
<td>Foreign Relations and National Security Law</td>
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<td>LAW 6936</td>
<td>Topics: Seminar in National Security and the Constitution</td>
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<tr>
<td>CPO 5036</td>
<td>Politics of Development</td>
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<td>CPO 5936</td>
<td>Seminar in Comparative Political Parties</td>
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<td>CPO 6084</td>
<td>War, Peace &amp; Military</td>
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<td>CPO 6092</td>
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<td>INR 5036</td>
<td>Politics of Globalization</td>
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<td>INR 6080</td>
<td>Seminar on Non-State Actors</td>
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<td>INR 6205</td>
<td>World Politics</td>
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<td>INR 6705</td>
<td>Seminar in International Political Economy</td>
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<tr>
<td>FIN 6656</td>
<td>Latin American Financial Markets</td>
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<td>CCJ 5040</td>
<td>Comparative Crime and Criminal Justice Systems</td>
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<td>CCJ 5056</td>
<td>Historical Development of Criminology and Criminal Justice</td>
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<td>CCJ 5288</td>
<td>Legal Issues for Criminal Justice</td>
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<td>CCJ 5935</td>
<td>Special Topics</td>
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<td>CCJ 6477</td>
<td>Seminar in Information Systems</td>
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<td>PAD 6701</td>
<td>Quantitative Methods in Public Administration</td>
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<td>ECO 6225</td>
<td>Economics of Asset Markets</td>
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<td>ECO 6416</td>
<td>Applied Quantitative Methods in Economics</td>
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<td>ECO 7206</td>
<td>Macroeconomic Theory I</td>
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<tr>
<td>ECO 7207</td>
<td>Macroeconomic Theory II</td>
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<tr>
<td>ECO 7236</td>
<td>Money, Banking and Monetary Policy</td>
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<tr>
<td>ECO 7424</td>
<td>Economic Metric Methods I</td>
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<td>ECO 7425</td>
<td>Economic Metric Methods II</td>
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<td>ECO 7705</td>
<td>International Trade</td>
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<td>ECO 7716</td>
<td>International Money</td>
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<td>ECS 5406</td>
<td>Latin American Economies</td>
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<td>ECS 6436</td>
<td>Economics of Caribbean Migration</td>
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<td>ECS 7405</td>
<td>Economics of Latin America</td>
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<td>ECS 7435</td>
<td>Economics of the Caribbean</td>
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<td>ECS 7445</td>
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<td>GEA 6409</td>
<td>Landscapes of Violence and Healing in the Americas</td>
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<td>GEO 5557</td>
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<td>GEO 6473</td>
<td>Space, Place and Identity</td>
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<td>ANG 6303</td>
<td>Comparative Feminisms</td>
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<td>ANT 6302</td>
<td>Gender Identity in Comparative Perspective</td>
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<td>SYD 5045</td>
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<td>SYD 6236</td>
<td>International Migration and Refugees</td>
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<td>SYD 6705</td>
<td>Comparative Analysis of Ethnicity and Race</td>
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<td>SYG 6932</td>
<td>Special Topics in Disaster Studies</td>
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<td>SYP 6306</td>
<td>Comparative Social Movements</td>
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<td>SYP 6907</td>
<td>Comparative and Global Social Change</td>
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<td>AFH 5905</td>
<td>Readings in African History</td>
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<td>Topics in African History</td>
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<td>Readings in American History</td>
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<td>EUH 5905</td>
<td>Readings in European History</td>
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<td>Topics in European History</td>
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<tr>
<td>HIS 6059</td>
<td>Historical Methods</td>
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<td>LAH 5905</td>
<td>Readings in Latin American History</td>
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<td>LAH 5935</td>
<td>Topics in Latin American History</td>
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<td>WOH 5237</td>
<td>The African Diaspora Since the End of the Slave Trade</td>
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<td>INR 5036</td>
<td>Politics of Globalization</td>
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<td>INR 5086</td>
<td>Islam in International Relations</td>
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<tr>
<td>INR 5087</td>
<td>Ethnicity and the Politics of Development</td>
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<tr>
<td>INR 5255</td>
<td>Seminar in African Development</td>
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<tr>
<td>INR 5275</td>
<td>International Relations of the Middle East</td>
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<tr>
<td>INR 5409</td>
<td>International Law I</td>
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<tr>
<td>INR 5507</td>
<td>International Organizations I</td>
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<tr>
<td>INR 5607</td>
<td>International Relations and Development</td>
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<tr>
<td>INR 5609</td>
<td>Dynamics of International Relations in the 20th Century</td>
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<tr>
<td>INR 6209</td>
<td>Comparative Foreign Policy of Latin America</td>
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<tr>
<td>INR 6266</td>
<td>Russian Foreign Policy</td>
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<tr>
<td>INR 6406</td>
<td>International Law II</td>
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<td>INR 6605</td>
<td>Contemporary International Systems</td>
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<td>INR 6705</td>
<td>Political Economy of International Relations</td>
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<td>LAW 6251</td>
<td>Comparative Constitutional Law</td>
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<td>LAW 6255</td>
<td>Comparative Law: Constitutions and the Judicial Process</td>
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<td>LAW 6280</td>
<td>European Union Law</td>
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<td>LAW 6264</td>
<td>Immigration Law</td>
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<td>LAW 6103</td>
<td>International Criminal Law</td>
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<td>LAW 7268</td>
<td>International Environmental Law</td>
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<td>LAW 6263</td>
<td>International Human Rights Law</td>
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<td>LAW 6262</td>
<td>Law and Politics in Latin America</td>
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<td>LAW 6260</td>
<td>Public International Law</td>
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<td>LAW 7930</td>
<td>Special Topics in Law</td>
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<td>CPO 5325</td>
<td>Politics of the Caribbean</td>
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<td>Politics of the European Union</td>
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<td>CPO 6307</td>
<td>Seminar on South American Politics</td>
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<td>CPO 6350</td>
<td>Seminar in Brazilian Politics</td>
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<td>CPO 6376</td>
<td>Seminar in Central American Politics</td>
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<td>CPO 6407</td>
<td>Seminar in Politics of the Middle East</td>
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<tr>
<td>CPO 6771</td>
<td>Politics of Disaster</td>
</tr>
<tr>
<td>CPO 6316</td>
<td>Seminar in Latin American Democratic Institutions</td>
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<tr>
<td>INR 5087</td>
<td>Ethnicity and the Politics of Development</td>
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<tr>
<td>INR 6936</td>
<td>Seminar in Inter-American Politics</td>
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<tr>
<td>POS 6725</td>
<td>Formal Political Modeling</td>
</tr>
<tr>
<td>POS 6918</td>
<td>Seminar in Political Science Research</td>
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</tbody>
</table>
Graduate Certificate in Public Management

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.

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 2.75. Students must be admitted to the certificate program. Admission to a certificate program does not ensure admission to the master’s degree in 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.

All certificate applicants will be encouraged to acquire proficiency in the use of microcomputers prior to initial registration.

Program of Study: (15)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>PAD 6053</td>
<td>Political, Social, and Economic Context of PA</td>
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<tr>
<td>PAD 6156</td>
<td>Applied Organization Theory and Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6227</td>
<td>Public Finance and &amp; Budgetary Process</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6710</td>
<td>IT &amp; E Government</td>
<td>3</td>
</tr>
<tr>
<td>PAD 6807</td>
<td>Urban and Municipal Government Administration</td>
<td>3</td>
</tr>
</tbody>
</table>

Students must complete their program of study within three years from the date of admission and receive no less than a 3.0 cumulative GPA (all grades “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.


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

Religious Studies
REL 5183 Religion, Nature, and Globalization

Global and Sociocultural Studies
ANG 5267 Environmental Anthropology
ANT 5318 American Culture and Society: Landscapes and Power
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 goal of the Graduate Certificate in Water, Environment, and Development Studies 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@fiu.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
REL 5135 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

Michael McClain, Chair, Earth and Environment

Coordinating Committee
Shlomi Dinar, Politics and International Relations
Janvier Gasana, Environmental and Occupational Health
Assefa Melesse, Earth and Environment
Fernando Miralles-Wilhelm, Civil and Environmental Engineering
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
decision 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 5332 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 5266 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 6056 GIS in Water Resources 3
CWR 6125 Groundwater Hydrology 3
CHM 6340* Organic Geochemistry 3
CWR 5140* Echology 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:
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, 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
Lyne 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
The Women's Studies Graduate Certificate provides students the opportunity to integrate scholarship about women and gender differences into a coherent program of graduate study, i.e., for a Masters and Ph.D. in a variety of disciplines or as a free standing program of graduate study. For more information, go to: [http://casgroup.fiu.edu/wstudies](http://casgroup.fiu.edu/wstudies) and click on “Academics”.

**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 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
- REL 5184 Sexuality, Religion and Social Change
- REL 5435 Feminist Theory and Religion
- REL 5144 Women and Religion
SYD 5708  Border Crossings: Race and Gender in Historical and Transnational Perspectives

For more options, please see our current full list of approved courses on our website: http://casgroup.fiu.edu/wstudies under “Academics”.

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.