

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*

Lisa Delpit, Eminent Professor, *Urban Education*

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*

Tometro Hopkins, Associate Professor, *English*

Alexander Lichtenstein, Associate Professor, *History and Director, African and African Diaspora Studies Graduate Programs*

Andrea Mantell-Seidel, Associate Professor, *Dance and Director of Academic Programs, Latin American and Caribbean Center*

Assefa Melesse, Associate Professor, *Earth and Environment*

April Merleaux, Assistant Professor, *History*

Aurora Morcillo, Associate Professor, *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: (18 credits)

Required Course

AFA 5005	African and African Diaspora Studies Theory (Offered every fall semester)	3
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The 15 remaining credit hours may be drawn from courses in the Humanities and Social Sciences as listed below. Note that students are expected to complete at least 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 Literacy/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

Graduate Certificate in Asian Globalization

Steven Heine, *Director, Asian Studies*

Coordinating Committee

Ana Maria Bidegain, *Religious Studies*

Paul Kowert, *Politics and International Relations*

Matthew Marr, *Global and Sociocultural Studies*

Mohiaddin Mesbahi, *Politics and International Relations*

John Stack, *Politics and International Relations*

This certificate program offers an 18-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 12 credits of courses in Asian studies in addition to 6 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

Required Courses: (3)

ASN 5315 Topics in Modern Asia

Electives in Asian Studies: (9)

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.

Prescribed Courses and Other Requirements

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

Sample Courses in Asian Studies and Comparative Studies

ASH 5446	Pre-modern Japan
ASH 5905	Readings in Asian History
ASN 5130	Zen and the Arts
ASN 5131	Zen and the Arts II
ASN 6930	Seminar in Asian Studies
CPO 5091	Seminar in Comparative Politics
ECO 5709	The World Economy
ECO 5735	Multinational Corporations
ECP 5707	International Economic Problems and Policy
EVR 5350	International Organizations and Environmental Politics
HIS 5289	Comparative History
IDS 6938	Great Ideas Seminar: Human Nature
INR 5544	The New Asian Century
INR 5086	Islam in International Relations
INR 5315	Foreign Policy Analysis
INR 6205	World Politics
INR 6706	Political Economy of International Relations
INR 5017	Approaches to Area Studies
MUH 5057	Music of the World
MUH 5575	Survey of Asian Music
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.

Language

Language proficiency as appropriate for student's area specialization.

Graduate Certificate in Asian Studies

Steven Heine, *Director, Asian Studies*

Coordinating Committee

Mahadev Bhat, *Earth and Environment and Economics*

Joel Heinen, *Earth and Environment*

Nathan Katz, *Religious Studies*

Paul Kowert, *Politics and International Relations*

Matthew Marr, *Global and Sociocultural Studies*

Laura Nenzi, *History*

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 in Asia-Comparative Studies: (3)**

A course in comparative or global studies, such as:

ASH 5446	Pre-Modern Japan
ASH 5905	Readings in Asian History
CPO 5091	Seminar in Comparative Politics
ECO 5709	The World Economy
HIS 5289	Comparative History
INR 5544	The New Asian Century
INR 5017	Approaches to Area Studies
MUH 5057	Music of the World
REL 6935	Seminar in Sacred Sources
SYD 5045	Population and Society

Regional Studies Courses: (12)

Courses in studies of Asia or a sub region. The courses can be taken in any relevant discipline, but must come from at least two different departments of disciplines.

For more information, contact the Asian Studies office, DM 300B. Email: asian@fiu.edu; phone: (305) 348-1914; website: <http://asian.fiu.edu>.

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)**

PAD 6XXX	Introduction to Urban Planning and Growth Management	3
PAD 5805	Economic Development and Urban Revitalization	3
PAD 6053	Political, Social and Economic Context of Public Administration	3

Electives: (9 credits)

PAD 6807	Urban and Municipal Government Administration	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
PAD 6227	Public Finance and the Budgetary Process	3

Graduate Certificate in Conflict Resolution and Consensus Building

Dawn Addy, *Certificate Director, Labor Studies*

Coordinating Committee

Fred Becker, *Public Administration*

John Clark, *International Relations*

Suzanna Rose, *Psychology*

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 Health*
Diann Newman, *Hospitality Management*
Bruce Nissen, *Labor Studies*
Elizabeth Prugl, *International Relations*
Nicol Rae, *Political Science*
Keith Revell, *Public Administration*
Joan Remington, *Hospitality Management*
Dian Weddle, *Dietetics and Nutrition*

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.

The certificate enhances interdisciplinary connections among Labor Studies, Management, International Relations, Latin American Studies, Sociology, Anthropology, Political Science, Education, Hospitality, Public Administration, Public Health, Dietetics and Nutrition, Environmental Studies, Religious Studies, and Psychology and complements studies in other areas, including the newly approved Law School.

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)

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.

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 5486	Dynamics of Conflict Management
LBS 5465	Introduction to Mediation
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
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
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Dietetics and Nutrition

HUN 6259	Management of Nutrition Services
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Track II: Community Conflict Resolution: (12 hours) Education

EDF 5880	Intercultural Education: National and International Perspectives
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EDF 6365	Cultural Identities and Conflict
EDF 6366	Conflict Resolution: Negotiation-Based Perspectives
EDF 6367	Interactive Conflict Resolution: Third Party Perspective
EDG 5707	Cultural and Cross-Cultural Studies

Earth and Environment

EVR 5355	Environmental Resource Policy
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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
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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

Track III: Global Issues and 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
EDF 6367	Interactive Conflict Resolution: Third Party Perspective
EDF 6658	Selected Topics in International Development Education
EDG 5707	Cultural and Cross-Cultural Studies

Earth and Environment

EVR 5350	International Organizations and Environmental Politics
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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 5507	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

Politics and International Relations

INR 5105	American Foreign Policy
INR 5087	Ethnicity and the Politics of Development
INR 5007	Seminar in International Politics
INR 6080	Seminar on Non-State Actors
INR 6705	Seminar in International Political Economy

Management

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

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
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Dietetics and Nutrition

HUN 5195	International Nutrition: Problems, Policies and Management
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Religious Studies

REL 5149	Religion, Violence and Conflict
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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

SYD 6705	Comparative Systems of Ethnicity and Race
SYP 6907	Comparative and Global Social Change

Course Descriptions

Definition of Prefixes

LBS-Labor Studies

F-Fall semester offerings; S-Spring semester offerings; SS-Summer semester offerings.

LBS 5155 Workplace Diversity (3). Students examine theoretical debates surrounding workforce participation of women and minorities; historical position of these groups in labor force; social phenomena that contribute to discriminatory practices and development of policies to eliminate discriminatory practices.

LBS 5215 Women in the Workplace (3). Students explore women's changing role in the U.S. and global economy. Special attention is given to the role of race, class, and ethnicity within the context of gender and work.

LBS 5406 Collective Bargaining and Labor Relations (3). A comprehensive study of major issues and themes in American collective bargaining. Includes origins of collective bargaining, labor law, unionization, contract negotiation, patterns in contract content, impact of external laws, public sector unions, grievance arbitration and interest arbitration. Prerequisite: Permission of Instructor.

LBS 5464 Labor Arbitration (3). Study of labor dispute resolution with emphasis on grievances, fact-finding, and arbitration.

LBS 5465 Introduction to Mediation (3). Examines the role of mediation in resolving civil, commercial, family, public, and workplace disputes. Incorporates mediation principles and skills, different approaches to mediation, and current research in mediation. Prerequisite: Permission of Instructor.

LBS 5466 Family Mediation (3). Provides a comprehensive understanding of conflict resolution, power and balances, emotional and psychological issues, negotiation techniques as well as the development of practical skills in the field of family mediation. Prerequisite: Permission of Instructor.

LBS 5467 Civil Mediation (3). A comprehensive understanding of the field of civil mediation as well as the development of the practical skills to be a civil mediator. Prerequisite: Permission of Instructor.

LBS 5485 Fundamentals of Conflict Resolution (3). Survey of the major contemporary theories of organizational functioning and the management of conflict within and among organizations in a globalized world. Theories that center primarily within the fields of dispute resolution, sociology, and social interaction/ group theory will be emphasized. Prerequisite: Permission of Instructor.

LBS 5486 The Dynamics of Conflict Management (3). Investigate conflict and violence, and help students to develop strategies to defuse them in the classroom.

LBS 5507 Labor and Employment Law (3). Familiarizes the student with the legal issues and rules regarding unionization of employees, the collective bargaining process, the relationship between the employee and

his/her union, and the administration of collective bargaining agreements. Examines the legal framework within which collective bargaining occurs and also familiarizes students with additional issues of rights in employment. Prerequisite: Permission of Instructor.

LBS 5658 Labor Movements and Economic Development (3). Relationships between union and economic development strategies in developing/recently developed countries; emphasis on social movement unionism and unions in Latin America and Asia. Prerequisite: Permission of Instructor.

LBS 5930 Topics in Labor Studies (1-3). Selected topics or themes in Labor Studies. Themes will vary from semester to semester. With a change in content, course may be repeated. May include field work. Prerequisite: Graduate standing.

LBS 5931 Topics in the Philosophy and Methods of Conflict Resolution (3). Provides an examination of the philosophy, methods, and research in the field of conflict resolution. The particular content and orientation of the course may vary according to the particular focus examined. Prerequisite: Permission of Instructor.

LBS 6906 Directed Individual Study (3). Specialized intensive study in areas of interest to student. Student plans and carries out independent study project under the direction of faculty member. Topics must relate to content of Labor Studies or ADR. Prerequisite: Permission of instructor.

LBS 6945 Internship Labor Studies/Alternative Dispute Resolutions (3). Practical training and experience in organization according to students needs and interests. Reports and papers required. Prerequisite: Permission of instructor.

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 5005	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 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*

Fang Zhao, *Civil and Environmental Engineering*

The Graduate Certificate in Geographic Information Systems provides students with an interdisciplinary background in GIS. The program consists primarily of graduate level courses in Geographic Information Systems with electives in related disciplines such as Biology, Civil Engineering, Environmental Studies, Geography, Geoscience, International Relations, Landscape Architecture, Sociology, Public Health, and Urban Planning.

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 and social sciences. Applications areas include: Architecture, Engineering, Earth and Environmental Sciences, Economics, Sociology, Political Science, Public Health, and Urban Planning.

There is an increasing demand for GIS specialists in the job market as a result of advancements in information technology, and the development of spatial/geographic database management programs. Currently, many faculty

at FIU in a variety of disciplines are actively engaged in teaching and research in GIS.

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

GIS 5050	Environmental GIS
CGN 5320	GIS Applications for Civil and Environmental Engineering
PAD 6717	GIS Applications for Urban Management or equivalent

2. Intermediate/Advanced GIS

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

3. Remote Sensing

GLY 5754	Applied Remote Sensing in Earth Sciences
GIS 5038	Remote Sensing or equivalent

Electives: (6 credits out of the following)

EVR 7329	Watershed Analysis and Management
EVR 7056	GIS Water Resources
PCB 5328	Spatial Ecology
EVR 6268	Remote Sensing in Hydrology
GIS 5935	Topics in GIS

or

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.

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 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 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)

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

Admission

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
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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 (Prerequisite: Permission of the instructor)	3
PUR 6607	Advertising and Public Relations Management (Prerequisite: PUR 6806)	3

Elective Courses – ICAP Program

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

Required Courses – Politics and International Relations

INR 6107	U.S. Foreign Policy	3
INR 6609	Dynamics of International Relations in the 20th Century	3

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 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

LACC Faculty Advisory Board

Manuel Gomez-Law, Assistant Professor, College of Law

Jerry Haar, Associate Dean and Professor, College of Business Administration

Pilar Martin, Assistant Professor, College of Medicine

Juan A. Martínez, 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 laccert@fiu.edu.

Graduate Certificate in National Security Studies

David K. Twigg, Interim Director

Coordinating Committee

John Boyd, Economics

Ralph S. Clem, Global and Sociocultural Studies

Edward Glab, College of Business Administration

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-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
 INR 6606 Political Psychology of International Relations

Law

LAW 6506 Foreign Relations and National Security Law
 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 5040	Comparative Crime and Criminal Justice Systems
CCJ 5056	Historical Development of Criminology and Criminal Justice
CCJ 5288	Legal Issues for Criminal Justice
CCJ 5935	Special Topics
CCJ 6477	Seminar in Information Systems.
PAD 6701	Quantitative Methods in Public Administration

Economics

ECO 6225	Economics of Asset Markets
ECO 6416	Applied Quantitative Methods in Economics
ECO 7206	Macroeconomic Theory I
ECO 7207	Macroeconomic Theory II
ECO 7236	Money, Banking and Monetary Policy
ECO 7424	Economic Metric Methods I
ECO 7425	Economic Metric Methods II
ECO 7705	International Trade
ECO 7716	International Money
ECS 5406	Latin American Economies
ECS 6436	Economics of Caribbean Migration
ECS 7405	Economics of Latin America
ECS 7435	Economics of the Caribbean
ECS 7445	Economics of Central America

Global and Sociocultural Studies

GEA 6409	Landscapes of Violence and Healing in the Americas
GEO 5557	Globalization
GEO 6473	Space, Place and Identity
ANG 6303	Comparative Feminisms
ANG 6339	Seminar on Latin America
ANT 6302	Gender Identity in Comparative Perspective
SYD 5045	Population and Society
SYD 6236	International Migration and Refugees
SYD 6705	Comparative Analysis of Ethnicity and Race
SYG 6932	Special Topics in Disaster Studies
SYP 6306	Comparative Social Movements
SYP 6907	Comparative and Global Social Change

History

AFH 5905	Readings in African History
AFH 5935	Topics in African History
AMH 5905	Readings in American History
AMH 5935	Topics in American History
EUH 5905	Readings in European History
EUH 5935	Topics in European History
HIS 6059	Historical Methods
LAH 5905	Readings in Latin American History
LAH 5935	Topics in Latin American History
WOH 5237	The African Diaspora Since the End of the Slave Trade

Politics and International Relations

INR 5036	Politics of Globalization
INR 5086	Islam in International Relations
INR 5087	Ethnicity and the Politics of Development
INR 5255	Seminar in African Development
INR 5275	International Relations of the Middle East
INR 5409	International Law I
INR 5507	International Organizations I

INR 5607	International Relations and Development
INR 5609	Dynamics of International Relations in the 20th Century
INR 6209	Comparative Foreign Policy of Latin America
INR 6266	Russian Foreign Policy
INR 6406	International Law II
INR 6605	Contemporary International Systems
INR 6706	Political Economy of International Relations

Law

LAW 6251	Comparative Constitutional Law
LAW 6255	Comparative Law: Constitutions and the Judicial Process
LAW 6280	European Union Law
LAW 6264	Immigration Law
LAW 6103	International Criminal Law
LAW 7268	International Environmental Law
LAW 6263	International Human Rights Law
LAW 6282	Law and Politics in Latin America
LAW 6260	Public International Law
LAW 7930	Special Topics in Law

Politics and International Relations

CPO 5325	Politics of the Caribbean
CPO 6105	Politics of the European Union
CPO 6106	Seminar in European Politics
CPO 6206	Seminar in African Politics
CPO 6307	Seminar on South American Politics
CPO 6350	Seminar in Brazilian Politics
CPO 6376	Seminar in Central American Politics
CPO 6407	Seminar in Politics of the Middle East
CPO 6771	Politics of Disaster
CPO 6316	Seminar in Latin American Democratic Institutions
INR 5087	Ethnicity and the Politics of Development
INR 6936	Seminar in Inter-American Politics
POS 6725	Formal Political Modeling
POS 6918	Seminar in Political Science Research

Religious Studies

REL 5025	Myth and Religion
REL 5144	Women and Religion
REL 5149	Religion, Violence, and Conflict
REL 5352	Religions of East Asia
REL 5488	Theology and Liberation Movements
REL 6322	Seminar in Western Religions
REL 6395	Seminar in Asian Religions
REL 6442	Religion in the Contemporary World

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**Admission**

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)

PAD 6053	Political, Social, and Economic Context of PA	3
PAD 6156	Applied Organization Theory and Behavior	3
PAD 6227	Public Finance and & Budgetary Process	3
PAD 6710	IT & E Government	3
PAD 6807	Urban and Municipal Government Administration	3

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.

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

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 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, DM 445, 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 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
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Natural Science, Engineering, and Public Health Courses

(all students must take at least one)

PCB 4301	Freshwater Ecology	3
EVR 5215	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 (or any other independent study from other departments)	3
EVR 6056	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
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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 be 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, *Senior Associate Dean for the Sciences, CAS and Professor of Psychology*

Affiliated Faculty:

Irma de Alonso, *Economics*
Clair Apodaca, *Politics and International Relations*
Maria Aysa, *Global and Sociocultural Studies*
Joan Baker, *English*
Ginette Ba-Curry, *English*
Lynne Barrett, *English*
Whitney Bauman, *Religious Studies*
Pascale Becel, *Modern Languages*
Michelle Beer, *Philosophy*
Ana Maria Bidegain, *Religious Studies*
Steven Blevins, *English*
Kristine Burns, *Music*
Cynthia Chinelly, *English*
Cyra Akila Choudhury, *Law*
Ellen Cohn, *Criminal Justice*
Alexandra Diallo, *History/African and African Diaspora Studies*
Carol Damian, *Art and Art History/Frost Museum*
Debra Dean, *English*
Denise Duhamel, *English*
Cristina Eguizabal, *LACC*
Joyce Elam, *Business Administration*
Juliet Erazo, *Global and Sociocultural Studies*
Rebecca Friedman, *History*
Jose Gabilondo, *Law*
Hugh Gladwin, *Global and Sociocultural Studies*
María Asunción Gómez, *Modern Languages*
Aya Gruber, *Law*
Christine Gudorf, *Religious Studies*
Kimberly Harrison, *English*

Marilyn Hoder-Salmon, *English*
Gail Hollander, *Global and Sociocultural Studies*
Tometro Hopkins, *English*
Sherry Johnson, *History*
Tara Kai, *English*
Jack Kelban, *Management and International Business*
Suzanne Koptur, *Biological Sciences*
Tatiana Kostadinova, *Politics and International Relations*
Lara Kriegel, *History*
Abe Lavender, *Global and Sociocultural Studies*
Mary Levitt, *Psychology*
Felice Lifshitz, *History*
Maria del Mar Logrono, *History*
Oscar Loynaz, *Women's Studies*
Ana Luszczynska, *English*
Sarah Mahler, *Global and Sociocultural Studies*
Peggy Maisel, *Law*
Kathleen Martin, *Global and Sociocultural Studies*
Jennifer Matey, *Philosophy*
Kathleen McCormack, *English*
Marilyn Montgomery, *Psychology*
Aisha Musa, *Religious Studies*
Glenda Musoba, *Education*
Juan Odio, *Criminal Justice*
Suzanne Onorato, *Women's Center*
Veronica Owles, *Women's Studies*
Joseph Patrouch, *History*
Anna Pasztor, *Computing and Information Sciences*
Valerie Patterson, *Public Administration*
Linnea Pearson, *Religious Studies*
Joyce Peterson, *History*
Mary Lou Pfeiffer, *Honors College*
Bianca Premo, *History*
Patricia Price, *Global and Sociocultural Studies*
Ana Roca, *Modern Languages*
Meri-Jane Rochelson, *English*
Heather Russell, *English*
Rebecca Salokar, *Politics and International Relations*
Renne Silverman, *Modern Languages*
Dionne Stephens, *Psychology*
Judith Stiehm, *Politics and International Relations*
Andrew Strycharski, *English*
John Stuart, *Architecture*
James Sutton, *English*
Juan Torres-Pou, *Modern Languages*
Nan Van Den Bergh, *Social Work*
Gisela Vega, *Student Affairs*
Chantalle Verna, *History*
Mercedes Vigon, *International Media Center*
Ophelia Weeks, *Biology*
Barbara Weitz, *English*
Lois West, *Global and Sociocultural Studies*
Kirsten Wood, *History*

The Women's Studies Graduate Certificate provides students the opportunity to integrate scholarship about gender 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://wstudies.fiu.edu/GradCert.html>.

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:

Six credits must be taken through the WSC and may be chosen from the following **core**:

WST 5507	Feminist Theory
WST 5905	Independent Study
WST 5935	Special Topics in Women's Studies
WST 5946	Women's Studies Internship

Frequently Offered Electives in Women's Studies

The other nine credits may be chosen from the list of courses in related fields that count toward Women's Studies. A complete list of courses can be found at <http://wstudies.fiu.edu/Courses.html>. Some of the graduate courses in Women Studies offered at FIU are listed below:

English

AML 5505	Sp. Top. In Am. Lit: War and the 19th Century American Heroine
AML 5305	Maj. Am. Lit. Fig.: African American Women Writers II
AML 5305	Maj. Am. Lit. Fig.: Women Poets and the Problem of Biography
AML 5305	Maj. Am. Lit. Fig.: Cather, Chopin, Wharton
ENL 5220	Maj. Brit. Lit. Fig.: Jane Austen on Screen and Page
ENL 5505	Per. In Eng. Lit.: Women in Medieval Literature
ENL 5220	Maj. Brit. Lit. Fig.: Sensation Writers: W.Collins & M. Braddon
ENL 5505	Per. In Eng. Lit.: Late Victorian Fiction
LIT 5934	Spec. Topic: Women's Narratives of War (20th Century)
LIT 5934	Spec. Topic: Women's Writing
LIT 5934	Spec. Topic: Women Writers of the African Diaspora

Global and Sociocultural Studies

SYD 6325 Sociology of Gender

History

AMH 5905 Readings in Am. History: Women and Gender in the U.S.

EUH 5935 Top. In Europ. Hist.: The Spanish Civil War

EUH 5905 Read. In Europ. Hist.: Saints in Europe & the Americas

HIS 5930 Sp. Topics: Totalitarian Regimes & Gender

Labor Studies

LBS 5155 Workplace & Diversity

Modern Languages

SPW 5781 The Representation of Women in Spanish Literature & Film

SPW 5556 Spanish Realism and Naturalism

SPW 5786 Spanish-American Women Writers

Music

MUH 5075 Women in Music

Psychology

CYP 6766 Cross-Cultural Sensitization in a Multicultural Context

Philosophy

PHI 5934 Special Topic: Philosophy & Feminism

Religion

REL 5502 Saints, Witches, and Cathedrals

REL 5184 Sexuality, Religion and Social Change

Social Work

SOW 5109 Crises in the Lives of Women

Public Administration

PAD 5435 Administration & the Role of Women

Students may take up to three hours of approved independent study work (WST 5905) or 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.

Note: Standard and new courses are offered each semester. Courses are cross-listed in the schedule. The approval of an advisor is required for core course substitution and for graduate level work.