

## Degree Programs

### Undergraduate Degree Programs

#### ASSOCIATE OF ARTS (A.A.)

#### BACHELOR OF ARCHITECTURE (B.Arch.)

#### BACHELOR OF ARTS (B.A.)

with major in one of the following:

Anthropology	Italian
Art History	Jewish Studies
Biological Sciences	Liberal Arts and Science
Chemistry	(Honors College only)
Communication Studies	Linguistics
Criminal Justice	Mathematics
Elementary Education	Multimedia Studies
English	Music
Exceptional Student Education	Philosophy
French	Physics
Geography	Political Science
Geology	Psychology
German	Sociology
History	Spanish
Interdisciplinary Studies:	Theatre
Arts and Humanities	
Social Science	

#### BACHELOR OF ARTS IN EDUCATION (B.A.E.)

with major in one of the following:

- Elementary Education
- Exceptional Student Education
- Secondary Education

#### BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)

with major in one of the following:

Accounting	International Business
Business Economics	Management
Computer Information Sys.	Management
Finance	Information Sys.
Hospitality and Tourism Mgmt.	Marketing
	Real Estate

#### BACHELOR OF FINE ARTS (B.F.A.)

with major in one of the following:

Art	Graphic Design
Computer Arts in Animation	Studio Art
	Theatre

#### BACHELOR OF HEALTH SERVICES (B.H.S.)

with major in Health Administration

#### BACHELOR OF INFORMATION ENGINEERING TECHNOLOGY (B.I.E.T.)

#### BACHELOR OF MUSIC (B.Mus.)

with major in one of the following:

- Commercial Music
- Jazz Studies
- Music Education
- Performance

#### BACHELOR OF PUBLIC MANAGEMENT (B.P.M.)

#### BACHELOR OF SCIENCE (B.S.)

with major in one of the following:

- Accounting
- Biological Sciences
- Business Economics
- Chemistry
- Computer Information Systems
- Computer Science
- Economics
- Exercise Science and Health Promotion
- Finance
- Geography
- Geology
- International Business
- International Economics
- Management
- Management Information Systems
- Marketing
- Mathematics
- Physics
- Psychobiology
- Real Estate

#### BACHELOR OF SCIENCE IN CIVIL ENGINEERING (B.S.C.V.)

#### BACHELOR OF SCIENCE IN COMPUTER ENGINEERING (B.S.C.E.)

#### BACHELOR OF SCIENCE IN EDUCATION (B.S.E.)

with major in Exercise Science and Health Promotion

#### BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING (B.S.E.E.)

#### BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING (B.S.M.E.)

**BACHELOR OF SCIENCE IN NURSING (B.S.N.)**

**BACHELOR OF SCIENCE IN  
OCEAN ENGINEERING (B.S.O.E.)**

**BACHELOR OF SOCIAL WORK (B.S.W.)**

**BACHELOR OF URBAN AND  
REGIONAL PLANNING (B.U.R.P.)**

**Minors**

*College of Architecture, Urban and Public Affairs:*

- Criminal Justice
- Nonprofit Management
- Public Management

*Dorothy F. Schmidt College of Arts and Letters:*

- Anthropology
- Art History
- Communication Studies
- Comparative Literature
- English: British and American Literature,  
Literature and the Arts, Literature and  
the Professions, Literature and Science,  
Literature and Social Science
- French
- German
- History
- Italian
- Linguistics
- Music: Commercial Music, Instrumental  
Performance, Music Education, Piano  
Performance, Vocal Performance
- Philosophy
- Political Science
- Sociology
- Spanish
- Studio Art: Ceramics, Drawing, Graphic Design,  
Painting, Photography, Printmaking,  
Sculpture

*Barry Kaye College of Business:*

- Accounting
- Business Administration
- Economics
- Electronic Commerce
- Finance
- Health Services Administration
- Hospitality and Tourism Management
- Information Security
- International Economics
- Management Information Systems
- Marketing
- Real Estate

*College of Engineering and Computer Science:*

- Computer Science

*Charles E. Schmidt College of Science:*

- Biological Sciences
- Geographic Information Science
- Geography
- Geology
- Mathematical Sciences
- Physics
- Psychology
- Statistics

**Certificate Programs**

In addition to its degree programs and minors, the University offers the following undergraduate certificate programs:

*College of Architecture, Urban and Public Affairs:*

- Child Welfare

*Dorothy F. Schmidt College of Arts and Letters:*

- Caribbean and Latin American Studies
- Classical Studies
- English as a Second Language (ESL) Studies
- Ethics, Law, and Society
- Ethnic Studies
- Film and Video
- Jewish Studies
- Peace Studies
- Religious Studies
- Women's Studies

*Barry Kaye College of Business:*

- Information Security
- International Business

*Christine E. Lynn College of Nursing:*

- Gerontology

*Charles E. Schmidt College of Science:*

- Actuarial Science
- Biotechnology
- Environmental Studies
- Geographic Information Systems (GIS)
- Geographic Information Systems (GIS) Advanced
- Pre-Health Professions Studies
- Statistics

These programs provide a multidisciplinary perspective and are available to all undergraduate students, unless stated otherwise in the program descriptions. Program descriptions are listed in specific college sections.

## University Scholars Program – The Honors Program on the Boca Raton Campus

Each year a number of highly qualified entering freshmen are selected for the University Scholars Program. This two-year program provides a unique, enhanced educational experience. Through a series of small honors seminars and expanded course offerings, University Scholars presents an exciting alternative to the normal program and course requirements for freshmen and sophomores. This program is limited in enrollment. Admission is competitive with minimum requirements of 1250 SAT (28 ACT) and a grade point average of 3.5 on a 4.0 scale. Other factors considered are letters of recommendation and a personal statement. Students who do not meet these minimum requirements but feel they have the potential to successfully complete the University Scholars Program may apply. In their personal statement they should note in what ways they feel qualified for the program.

The program consists of 16 honors credits. All students are required to take 1 credit of the University Honors Forum (IDH 1020) offered in the fall. In addition, students are expected to complete 15 credits in courses that are specially designated as honors courses and also fulfill core curriculum requirements. These courses include:

1. University Scholars core honors seminars focus on topics central to a liberal arts education. They substitute for regular courses in the FAU core curriculum and are designated by a 1930 to 1935 course number. These courses are limited to 18 students. Typically students in the University Scholars Program are required to take at least four seminars during their freshman and sophomore years.
2. Specially designated honors sections of lower-division courses, affording intensive exposure to course material.
3. Advanced courses approved as substitutes for core curriculum requirements.
4. Additional elective honors seminars taken in the sophomore year.
5. Directed Independent Study with the faculty of the student's choice.
6. An optional honors research internship in which students work directly with a faculty member in their major area of concentration.

In order to successfully complete the University Scholars Program, students must maintain a 3.0 grade point average in their honors courses and an overall grade point average of 3.5. Completion of the University Scholars Program will be recognized at a special University awards ceremony and will be noted on the student's Florida Atlantic University transcript.

## Substitutes for Core Curriculum Requirements

The lists below contain the traditional core curriculum courses required (and number of credits required in each discipline) and the core course substitutes, if any, allowed through the University Scholars Program.

### English Composition

Many students enter the program with either Advanced Placement credit for ENC 1101 and/or ENC 1102 or take the CLEP test for ENC 1101 during their first semester, which partially fulfills their general education requirement in English Composition. A student in the program may take ENC 1930 (Writing Honors Seminar), which substitutes for ENC 1102, to complete their general education composition requirement. No upper-division honors substitutions are allowed for the composition requirement. Check with the University Scholars' office for exceptions.

### Mathematics

(6 credits minimum, two courses, including at least one course with MAC/MGF prefix, a grade of "C" or better required in each course)

Math for Liberal Arts 1	MGF 1106	3
Math for Liberal Arts 2	MGF 1107	3
College Algebra	MAC 1105	3
Trigonometry	MAC 1114	3
Precalculus Algebra	MAC 1140	3
Precalculus Algebra and Trigonometry	MAC 1147	4-5
Methods of Calculus	MAC 2233	3
Calculus with Analytic Geometry 1	MAC 2311	4
Calculus with Analytic Geometry 2	MAC 2312	4
Life Science Calculus 1	MAC 2241	3
Life Science Calculus 2	MAC 2242	3

- No University Scholars Program substitutions are allowed for the MAC/MGF course requirement.

Logic	PHI 3132	3
Introductory Statistics	STA 2023	3

- A University Scholars Program seminar can substitute for one or more of the above math courses (including MAC) upon college approval.

### Social Sciences

(9 credits, three courses from three disciplines)

General Psychology	PSY 1012	3
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- No University Scholars Program substitutions are allowed for the General Psychology requirement.

Macroeconomic Principles	ECO 2013	3
Microeconomic Principles	ECO 2023	3
Contemporary Economic Issues	ECP 2002	3

- No University Scholars Program substitutions are allowed for the Economics courses above.

The Government of the U.S.	POS 1041	3
<i>Substitutes:</i>		
The U.S. Presidency	POS 4413	3
The U.S. Congress	POS 4424	3
Political Parties and Interest Groups	POS 4453	3
Introductory Sociology	SYG 1000	3
<i>Substitutes:</i>		
Family and Society	SYO 4100	3
Sociology of Education	SYO 4250	3
Men, Women and Work	SYO 4370	3
Organizational Sociology	SYO 4570	3
Social Control and Deviance	SYO 4570	3
The Urban Community	SYD 4602	3
The Sociology of Sport	SYP 4650	3
Race and Ethnic Relations	SYD 4700	3
Gender & Society	SYD 4800	3
Introduction to Anthropology	ANT 2000	3
<i>Substitute:</i>		
Peoples Around the World	ANT 3212	3
World Geography	GEA 2000	3
<i>Substitute:</i>		
Geography of the Developing World	GEA 3003	3

• A University Scholars Program seminar can substitute for one or more of the above social science courses upon college approval.

**Humanities**

(9 credits, three courses)

History of Civilization 1	WOH 2012	3
(Required: Writing Across Curriculum (Gordon Rule) course, grade of "C" or better)		
<i>Substitute:</i>		
Women's History in the Developing World	HIS 3312	3
Introduction to Philosophy	PHI 2010	3
(Required: Writing Across Curriculum (Gordon Rule) course, grade of "C" or better)		
<i>Substitute:</i>		
Ancient Philosophy	PHH 3100	3
Art Appreciation	ARH 2000	3
<i>Substitutes:</i>		
History of Modern Architecture	ARH 4067	4
18th & 19th Century Art	ARH 4371	4
Modern Art: 1863-1945	ARH 4450	4
American Painting and Sculpture	ARH 4610	4
Film Appreciation	FIL 2000	3
<i>Substitutes:</i>		
Documentary Film & Video	FIL 4364	4
Film to 1940s	FIL 4036	4
Film since 1940s	FIL 4037	4

History and Appreciation of Music	MUL 2010	3
Appreciation of Theatre	THE 2000	3
<i>Substitutes:</i>		
Theatre History 1	THE 4110	3
Theatre History 2	THE 4111	3

• A University Scholars Program seminar can substitute for one or more of the above humanities courses upon college approval.

**Science**

(6 credits from two departments, at least one with lab)

Introduction to Astronomy	AST 2002	3
Life Science with Lab	BSC 1005&L	3
(AST 2002 and BSC 1005 not for Science majors)		
Biological Principles with Lab	BSC 1010&L	4
Contemporary Chemical Issues	CHM 1020C	3
Chemistry in Modern Life	CHM 2083	3
General Chemistry for the Health Sciences	CHM 2032	3
General Chemistry 1 with Lab	CHM 2045&L	4
The Blue Planet	ESC 2070	3
Physical Geology/Evolution of the Earth with Lab	GLY 2010&L	3
Weather and Climate (Geology)	MET 2010	3
Physical Science (Physics)	PSC 2121	3
General Physics with Lab	PHY 2048&L	5
College Physics 1 with General Physics Lab	PHY 2053 & 2048L	5

• A University Scholars Program seminar can substitute for one or more of the above science courses upon college approval.

**Notes:**

1. University Scholars Program seminars satisfy a Writing Across Curriculum (Gordon Rule) Requirement (a grade of "C" or better is required). Substitutions for these seminars are subject to approval by the major college.
2. Electives, major courses, and other degree requirements are not listed. Please consult with department and college.

**For additional information, contact:**

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 University Scholars Program  
 Florida Atlantic University  
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## Combined Degree Programs

### **BACHELOR OF ARCHITECTURE/MASTER OF URBAN AND REGIONAL PLANNING (B.Arch./M.U.R.P.)**

### **BACHELOR OF BUSINESS ADMINISTRATION with Major in Accounting/MASTER OF ACCOUNTING (B.B.A./M.AC.)**

### **BACHELOR OF SCIENCE/MASTER OF SCIENCE (B.S./M.S.)** with major in one of the following:

- Biological Sciences
- Computer Science
- Mathematical Sciences

### **BACHELOR OF SCIENCE IN CIVIL ENGINEERING/MASTER OF SCIENCE (B.S.C.V./M.S.)**

### **BACHELOR OF SCIENCE IN COMPUTER ENGINEERING/MASTER OF SCIENCE (B.S.C.E./M.S.)**

### **BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING/MASTER OF SCIENCE (B.S.E.E./M.S.)**

### **BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING/MASTER OF SCIENCE (B.S.M.E./M.S.)**

### **BACHELOR OF SCIENCE IN OCEAN ENGINEERING/MASTER OF SCIENCE (B.S.O.E./M.S.)**

### **MASTER OF ARTS IN TEACHING (M.A.T.)**

Available in most departments that offer the Master of Arts degree.

### **MASTER OF BUSINESS ADMINISTRATION (M.B.A.)** with major in Business Administration

### **MASTER OF EDUCATION (M.Ed.)**

with major in one of the following:

- Counselor Education
- Curriculum and Instruction
- Early Childhood Education
- Educational Leadership
- Elementary Education
- Exceptional Student Education
- Reading Education
- Social Foundations of Education

### **MASTER OF FINE ARTS (M.F.A.)**

with major in one of the following:

- Creative Writing
- Theatre
- Visual Art: Ceramics, Computer Art, Graphic Design, Painting

### **MASTER OF HEALTH ADMINISTRATION (M.H.A.)**

### **MASTER OF NONPROFIT MANAGEMENT (M.N.M.)**

### **MASTER OF PUBLIC ADMINISTRATION (M.P.A.)**

### **MASTER OF SCIENCE (M.S.)**

with major in one of the following:

- Applied Mathematics and Statistics
- Bioengineering
- Biological Sciences
- Biomedical Science
- Chemistry
- Civil Engineering
- Computer Engineering
- Computer Science
- Criminology and Criminal Justice
- Economics
- Electrical Engineering
- Environmental Sciences
- Exercise Science and Health Promotion
- Finance
- Geology
- International Business
- Mathematical Sciences
- Mechanical Engineering
- Nursing
- Ocean Engineering
- Physics
- Speech - Language Pathology/Audiology

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## Graduate Degree Programs

### **MASTER OF ACCOUNTING (M.AC.)**

### **MASTER OF ARTS (M.A.)**

with major in one of the following:

- Anthropology
- Communication
- Comparative Literature  
(departments of English or Languages,  
Linguistics, and Comparative Literature)
- English
- French
- Geography
- History
- Liberal Studies
- Linguistics
- Music
- Political Science
- Psychology
- Sociology
- Spanish
- Women's Studies

**MASTER OF SCIENCE IN TEACHING (M.S.T.)**

Available in most departments that offer the Master of Science degree.

**MASTER OF SOCIAL WORK (M.S.W.)**

**MASTER OF TAXATION (M.TX.)**

**MASTER OF URBAN AND REGIONAL PLANNING (M.U.R.P.)**

**SPECIALIST IN EDUCATION (Ed.S.)**

with major in one of the following:

- Counselor Education
- Curriculum and Instruction
- Educational Leadership

**DOCTOR OF EDUCATION (Ed.D.)**

with major in one of the following:

- Curriculum and Instruction
- Exceptional Student Education

**DOCTOR OF PHILOSOPHY (Ph.D.)**

with major in one of the following:

- Business Administration
- Chemistry
- Comparative Studies
- Complex Systems and Brain Sciences
- Computer Engineering
- Computer Science
- Counselor Education
- Educational Leadership
- Electrical Engineering
- Experimental Psychology
- Integrative Biology
- Mathematical Sciences
- Mechanical Engineering
- Nursing
- Ocean Engineering
- Physics
- Public Administration

**Certificate Programs**

In addition to the above degree programs, the University offers the following graduate certificate programs:

*College of Architecture, Urban and Public Affairs:*

- Aging
- Child Welfare
- Economic Development and Tourism
- Environmental Planning
- Nonprofit Management
- Public Administration
- Restorative Community Justice
- Sustainable Community Planning
- Visual Planning Technology

*Dorothy F. Schmidt College of Arts and Letters:*

- English as a Second Language (ESL) Studies
- Environmental Studies
- Film and Video
- Piano Performance and Pedagogy
- Women's Studies

*Barry Kaye College of Business:*

- Crisis and Emergency Management
- Environmental Management
- Health Administration

*College of Engineering and Computer Science:*

- Bioengineering

*Christine E. Lynn College of Nursing:*

- Administrative and Financial Leadership in Nursing and Health Care
- Adult Nurse Practitioner
- Blended Role Gerontological Nurse Practitioner
- Family Nurse Practitioner
- Gerontology
- Nursing Education

*Charles E. Schmidt College of Science:*

- Pre-Health Professions Studies

These programs provide a multidisciplinary perspective and are available to all graduate students, unless stated otherwise in the program descriptions. Program descriptions are listed in specific college sections.