

FLORIDA ATLANTIC UNIVERSITY 2008-2009 TRANSFER STUDENT MANUAL
COLLEGE OF EDUCATION

PROGRAM OF STUDY AT COMMUNITY COLLEGE

Complete the A.A. degree at community college. Several General Education requirements may also meet course requirements for the major. A transfer student without an A.A. degree and with less than 60 acceptable credits must meet entering freshman test score and GPA requirements.

Students are encouraged to complete the lower-division courses during the program of study at community college. They must be completed after admission to FAU if not done so in advance with a grade of "C" or greater.

EDF x005	Introduction to Education	3
EDG x701	Teaching Diverse Populations	3
EME x040	Intro. to Educational Technology	3
and	courses specific to selected program	

COLLEGE OF EDUCATION POLICIES

Admission to the College of Education is contingent upon the student meeting the following requirements:

- a 2.5 GPA
- passing all sections of the General Knowledge Test
- a successful interview with the College

There is a background check.

Students must meet with advisors prior to registration.

**MAJOR IN SECONDARY EDUCATION
BACHELOR OF ARTS
or BACHELOR OF ARTS IN EDUCATION**

BIOLOGY 6-12

<u>EDUCATION CORE</u>		(33 credits)
EDF 2005	Introduction to Education	3
EDF 3210	Applied Learning Theory	3
EDF 3430	Educational Measurement Evaluation	3
EDG 2701	Teaching Diverse Populations	3
EME 2040	Intro. to Educational Technology	3
ESE 3940	Secondary School Effective Instruction	3
RED 4335	Content Reading Middle Secondary	3
SCE 4360	Science: Middle and Secondary School	3
TSL 4324	ESOL Strategies Content Area	3

SCE 4944	Student Teaching (<i>final semester</i>)	6
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BIOLOGY LOWER-DIVISION (25 credits)

BSC 1010+L	Biological Principles	4
BSC 1011+L	Biodiversity	4
CHM 2045+L	General Chemistry I	4
CHM 2046+L	General Chemistry II	4
MAC 2233	Methods of Calculus	3
PSC 2121	Physical Science	3
CHM 2200	Introduction to Organic Chemistry	3
/ CHM 2210	Organic Chemistry I	3

BIOLOGY UPPER-DIVISION (20-21 credits)

OCE 3002	Oceanography	3
PCB 4043	Principles of Ecology	3
PSY 3234	Experimental Design Stat. Inference	3
PCB 3063	Genetics	4
/ PCB 4522	Molecular Genetics	4
PCB 4023	Molecular and Cell Biology	3
/ MCB 3020+L	General Microbiology	4
PCB 4723+L	Comparative Animal Physiology	4
/ BOT 4503+L	Principles of Plant Physiology	4

LOWER-DIVISION ELECTIVES (0-3 credits)

BSC 2085+L	Anatomy and Physiology I	4
BSC 2086+L	Anatomy and Physiology II	4
CHM 2211+L	Organic Chemistry II	4
EVR 2017	Environment and Society	3
ZOO 2203+L	Invertebrate Zoology	5
ZOO 2303	Vertebrate Zoology	4

UPPER-DIVISION ELECTIVES (3-6 credits)

BCH 3033	Biochemistry I	3
BOT 3223+L	Vascular Plant Anatomy	4
BOT 4402+L	Marine Botany	4
BOT 4713+L	Plant Taxonomy	4
ENY 3004+L	Entomology	4
MCB 4603	Marie Biology and Field Studies	3
OCB 4043+L	Behavioral Ecology	4
PCB 3352	Issues in Human Ecology	3
PCB 4414C	Ornithology	4
ZOO 4690+L	Comp. Vertebrate Morphogenesis	5

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CHEMISTRY 6-12

EDUCATION CORE (33 credits)

EDF 2005	Introduction to Education	3
EDF 3210	Applied Learning Theory	3
EDF 3430	Educational Measurement Evaluation	3
EDG 2701	Teaching Diverse Populations	3
EME 2040	Intro. to Educational Technology	3
ESE 3940	Secondary School Instruction	3
RED 4335	Content Reading Middle Secondary	3
SCE 4360	Science: Middle & Secondary School	3
TSL 4324	ESOL Strategies Content Area	3
SCE 4944	Student Teaching (<i>final semester</i>)	6

CHEMISTRY LOWER-DIVISION (30 credits)

CHM 2045+L	General Chemistry I	4
CHM 2046+L	General Chemistry II	4
CHM 2210+L	Organic Chemistry I	4
CHM 2211+L	Organic Chemistry II	4
MAC 1105	College Algebra	3
MAC 2233	Methods of Calculus	3
PHY 2053	College Physics for Life Sciences I	4
PHY 2054	College Physics for Life Sciences II	4

CHEMISTRY UPPER-DIVISION (21 credits)

BCH 3033	Biochemistry I	3
BCH 3103+L	Biochemistry Lab	3
CHM 3060	Chemical Literature	1
CHM 3120+L	Quantitative Analysis	4
CHM 3400	Introduction to Physical Chemistry	3
CHM 3609+L	Inorganic Chemistry	4
OCE 3002	Oceanography	3

MATHEMATICS 6-12

EDUCATION CORE (33 credits)

EDF 2005	Introduction to Education	3
EDF 3210	Applied Learning Theory	3
EDF 3430	Educational Measurement Evaluation	3
EDG 2701	Teaching Diverse Populations	3
EME 2040	Intro. to Educational Technology	3
ESE 3940	Secondary School Instruction	3
MAE 4360	Mathematics: Middle and Secondary	3
RED 4335	Content Reading Middle Secondary	3
TSL 4324	ESOL Strategies for Content Area	3

MAE 4945	Student Teaching (<i>final semester</i>)	6
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MATHEMATICS LOWER-DIVISION (21 credits)

MAC 2311	Calculus with Analytic Geometry I	4
MAC 2312	Calculus with Analytic Geometry II	4
MAC 2313	Calculus with Analytic Geometry III	4
MAD 2104	Discrete Mathematics	3
MAD 2502	Introduction to Computational Math	3
MAS 2103	Matrix Theory	3

MATHEMATICS UPPER-DIVISION (12 credits)

MAA 4200	Modern Analysis	3
MAS 4301	Modern Algebra	3
MTG 3212	Survey of Geometry	3
STA 4442	Probability and Statistics I	3

UPPER-DIVISION ELECTIVES (15 credits)

CIS 4362	Cryptography and Information Security	3
MAA 4402	Introductory Complex Analysis	3
MAD 4301	Graph Theory	3
MAD 4402	Numerical Analysis II	3
MAD 4605	Introduction to Coding Theory	3
MAT 4906	Directed Independent Study	1-4
MAT 4937	Problem Solving Seminar	1
MHF 3404	History of Mathematics	3
MTG 4930	Topics in Geometry	1-4
STA 4102	Computational Statistics I	3
STA 4203	Applied Statistics II	3
STA 4222	Planning Investigations	3
STA 4234+L	Applied Statistics I	3
STA 4443	Probability and Statistics II	3
STA 4618	Linear Programming and Game Theory	3
STA 4702	Computational Statistics II	3
STA 4906	Directed Independent Study	1-4
MAP 4303	Differential Equations II	3
/ MAP 4306	Engineering Mathematics II	3
MAS 2303	Introductory Number Theory	3
+ MAP 3305	Engineering Mathematics I	3
/ MAD 3400	Numerical Methods	3
+ MAD 4401	Numerical Analysis I	3

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PHYSICS 6-12

(NOTES)

EDUCATION CORE (33 credits)

EDF 2005	Introduction to Education	3
EDF 3210	Applied Learning Theory	3
EDF 3430	Educational Measurement Evaluation	3
EDG 2701	Teaching Diverse Populations	3
EME 2040	Intro. to Educational Technology	3
ESE 3940	Secondary School Effective Instruction	3
RED 4335	Content Reading Middle Secondary	3
SCE 4360	Science: Middle and Secondary School	3
TSL 4324	ESOL Strategies Content Area	3
SCE 4944	Student Teaching (<i>final semester</i>)	6

PHYSICS LOWER-DIVISION (29 credits)

CHM 2045+L	General Chemistry I	4
CHM 2046+L	General Chemistry II	4
MAC 2311	Calculus with Analytic Geometry I	4
MAC 2312	Calculus with Analytic Geometry II	4
MAP 2302	Differential Equations I	3
PHY 2048+L	General Physics I	5
PHY 2049+L	General Physics II	5

PHYSICS UPPER-DIVISION (12 credits)

PHY 3101	Introduction to Modern Physics	3
PHY 3221	Intermediate Mechanics	4
PHY 3323	Electromagnetism I	4
PHY 4811+L	Experimental Modern Physics	1

UPPER-DIVISION ELECTIVES (9 credits)

PHY 4324	Electromagnetism II	3
PHY 3722	Physical Electronics	3
PHY 4523	Statistical Physics	3
PHY 4604	Quantum Mechanics	3
PHZ 4113	Mathematical Physics	3
MAD 3400	Numerical Methods	3
/ MAP 4303	Differential Equations II	3
/ MAS 3203	Introduction to Number Theory	3
/ MAS 4301	Modern Algebra	3
/ STA 4032	Probability & Statistics for Engineers	3

Questions? Contact us.

Office of Academic and Student Services at 561.297.3570

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