

COLLEGE OF ARTS AND SCIENCES

DEPARTMENT OF BIOLOGICAL SCIENCES

NAME _____

S.S.# _____

Courses required for the B.S. Degree in Biology (**Environmental Science Concentration**) are listed in sequence by year and semester.

FRESHMAN YEAR

FALL SEMESTER

	CH	Gr.	Sem.	Yr.
BIOL 113 Prin. of Biol. Lect.	3	_____	_____	_____
BIOL 115 Prin. of Biol. Lab.	1	_____	_____	_____
FYE 101 First Year Experience	1	_____	_____	_____
ENG 101 Freshman Composition	3	_____	_____	_____
CHEM 111 Gen. Chem. Lect.	3	_____	_____	_____
CHEM 113 Gen. Chem. Lab.	1	_____	_____	_____
MATH 147 Precalculus I	<u>3</u>	_____	_____	_____
	15			

SPRING SEMESTER

	CH	Gr.	Sem.	Yr.
BIOL 114 Prin. of Biol. Lect.	3	_____	_____	_____
BIOL 116 Prin. of Biol. Lab.	1	_____	_____	_____
FYE 102 First Year Experience	1	_____	_____	_____
ENG 102 Freshman Composition	3	_____	_____	_____
MATH 148 Precalculus II	3	_____	_____	_____
CHEM 112 Gen. Chem. Lect.	3	_____	_____	_____
CHEM 114 Gen. Chem. Lab.	<u>1</u>	_____	_____	_____
	15			

SOPHOMORE YEAR

HIST 101 Western Civilization	3	_____	_____	_____
ENG 200 World Literature	3	_____	_____	_____
PHYS 109 Fund. of Physics Lect.	3	_____	_____	_____
PHYS 111 Fund. of Physics Lab	1	_____	_____	_____
SOC 101 Intro. to Social Science	3	_____	_____	_____
CHEM 223 Organic Chem. Lect.	3	_____	_____	_____
CHEM 225 Organic Chem. Lab	<u>1</u>	_____	_____	_____
	17			

HIST 104 Modern World History	3	_____	_____	_____
PHYS 110 Fund. of Physics Lect.	3	_____	_____	_____
PHYS 112 Fund. of Physics Lab	1	_____	_____	_____
BIOL 206 Fund. of Ecology Lect./Lab	4	_____	_____	_____
MATH 273 Probability & Statistics	3	_____	_____	_____
CHEM 224 Organic Chem. Lect.	3	_____	_____	_____
CHEM 226 Organic Chem. Lab	1	_____	_____	_____
GET 300* Rising Junior Examination	<u>0</u>	_____	_____	_____
	18			

JUNIOR YEAR

BIOL 302 Genetics Lect./Lab.	4	_____	_____	_____
BIOL 304 Intro. Micro. Lect./Lab	4	_____	_____	_____
MATH 153 Calculus I	3	_____	_____	_____
Foreign Language Elective**	<u>3</u>	_____	_____	_____
	14			

BIOL 312 Principles of Toxicology	3	_____	_____	_____
Foreign Language Elective**	3	_____	_____	_____
BIOL 315 Water Quality Mgmt. Lect./Lab	4	_____	_____	_____
BIOL 215 Introductory Epidemiology	3	_____	_____	_____
Elective	<u>3</u>	_____	_____	_____
	16			

Environmental Science Concentration (cont'd)

				<u>SENIOR YEAR</u>											
<u>FALL SEMESTER</u>				CH	Gr.	Sem.	Yr.	<u>SPRING SEMESTER</u>				CH	Gr.	Sem.	Yr.
ART 210		Introduction to Fine & Performing Arts		3	_____	_____	_____	ECON 201		Macroeconomics		3	_____	_____	_____
BIOL 408		Seminar		1	_____	_____	_____	BIOL 499		Senior Project		3	_____	_____	_____
BIOL 409		Biological Research		3	_____	_____	_____	BIOL 418		Environ. Issues & Policies		3	_____	_____	_____
Electives***				<u>6</u>	_____	_____	_____	Electives***				<u>3</u>	_____	_____	_____
				13								12			

*The Rising junior Examination (RJE.) must be taken during the second semester of the sophomore year.
 **The six hours of foreign Language is met by completing six hours in the same language.
 ***Electives (Must be approved by Advisor and Department Head.)
 ****Student must have the instructor's permission to enroll in this course.

Biology Electives include the following:

BIOL216—Environmental Biology	4	BIOL 411—Vertebrate Zoology	4
BIOL 305—Anatomy & Physiology	4	BIOL 417--Conservation Biology	3
BIOL 307--Anatotomy & Physiology II	4	BIOL 419—Comparative Verte. Anatomy	4
BIOL 318—Alcohol & Drug Abuse****	3	BIOL 434—Contemporary Botany	4
BIOL 320--Environmental Systems	3	BIOL 459--Cell & Molecular Biol. Lect. I	3
BIOL 402—Vertebrate Histology	4	BIOL 461—Cell & Molecular Biol. Lab I	1
BIOL 403—Parasitology	4	BIOL 463—Cell & Molecular Biol. Lect. II	3
BIOL 406--Internship in Biology	3	BIOL 465--Cell & Molecular Biol. Lab II	1
BIOL 407--Ethics in Scientific Research	3		

Total Degree Requirements

Environmental Science Concentration.....120

Complete this section when you submit your application for graduation. Submit a signed copy of this form with your application and transcript.

Hours completed toward degree _____
 Additional hours needed for graduation _____

Hours enrolled in this semester _____
 Total hours at the end of this semester _____

 Advisor's Signature/ Date

 Student's Signature/ Date

Effective: Fall 2011