

COLLEGE OF ARTS AND SCIENCES

DEPARTMENT OF BIOLOGICAL SCIENCES

NAME _____

S.S.# _____

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

FRESHMAN YEAR

<u>FALL SEMESTER</u>				<u>CH</u>	<u>Gr.</u>	<u>Sem.</u>	<u>Yr.</u>	<u>SPRING SEMESTER</u>				<u>CH</u>	<u>Gr.</u>	<u>Sem.</u>	<u>Yr.</u>
BIOL	113	Prin. of Biol. Lect.	3	_____	_____	_____		BIOL	114	Prin. of Biol. Lect.	3	_____	_____	_____	
BIOL	115	Prin. of Biol. Lab.	1	_____	_____	_____		BIOL	116	Prin. of Biol. Lab.	1	_____	_____	_____	
FYE	101	First Year Experience	1	_____	_____	_____		FYE	102	First Year Experience	1	_____	_____	_____	
ENG	101	Freshman Composition	3	_____	_____	_____		ENG	102	Freshman Composition	3	_____	_____	_____	
CHEM	111	Gen. Chem. Lect.	3	_____	_____	_____		MATH	148	Precalculus II	3	_____	_____	_____	
CHEM	113	Gen. Chem. Lab.	1	_____	_____	_____		CHEM	112	Gen. Chem. Lect.	3	_____	_____	_____	
MATH	147	Precalculus I	<u>3</u>	_____	_____	_____		CHEM	114	Gen. Chem. Lab.	<u>1</u>	_____	_____	_____	
15								15							

SOPHOMORE YEAR

BIOL	202	Develop. Biol. Lect./Lab.	4	_____	_____	_____		BIOL	206	Fund. Ecology Lect./Lab.	4	_____	_____	_____	
ENG	200	World Literature	3	_____	_____	_____		PHYS	110	Fund. of Physics Lect.	3	_____	_____	_____	
PHYS	109	Fund. of Physics Lect.	3	_____	_____	_____		PHYS	112	Fund. of Physics Lab	1	_____	_____	_____	
PHYS	111	Fund. of Physics Lab	1	_____	_____	_____		HIST	101	Western Civilization	3	_____	_____	_____	
CHEM	223	Organic Chem. Lect.	3	_____	_____	_____		GET	300*	Rising Junior Examination	0	_____	_____	_____	
CHEM	225	Organic Chem. Lab	<u>1</u>	_____	_____	_____		CHEM	224	Organic Chem. Lect	3	_____	_____	_____	
15								CHEM	226	Organic Chem. Lab.	<u>1</u>	_____	_____	_____	
								15							

JUNIOR YEAR

BIOL	302	Genetics Lect./Lab.	4	_____	_____	_____		ECON	201	Macroeconomics	3	_____	_____	_____	
BIOL	304	Intro. Micro. Lect./Lab	4	_____	_____	_____		MATH	153	Calculus I	3	_____	_____	_____	
CHEM	461	Biochemistry	3	_____	_____	_____				Foreign Language Elective**	3	_____	_____	_____	
		Foreign Language Elective**	3	_____	_____	_____		BIOL.	305	Anat. & Phys. Lect./Lab	4	_____	_____	_____	
SOC	101	Intro. to Social Science	<u>3</u>	_____	_____	_____		HIST	104	Modern World History	<u>3</u>	_____	_____	_____	
17								16							

General Biology Concentration (cont'd)

<u>FALL SEMESTER</u>				<u>SENIOR YEAR</u>				<u>SPRING SEMESTER</u>			
CH	Gr.	Sem.	Yr.	CH	Gr.	Sem.	Yr.	CH	Gr.	Sem.	Yr.
ART 210		Intro. to Fine						BIOL 408		Seminar	
		Performing Arts	3	_____	_____	_____		BIOL 463		Cell & Molecular Biol. Lect. II	3
BIOL 459		Cell & Mol. Biol. Lect. I	3	_____	_____	_____		BIOL 465		Cell & Molecular Biol. Lab. II	1
BIOL 461		Cell & Mol. Biol. Lab. I	1	_____	_____	_____		BIOL 499		Senior Project	3
Electives***			<u>6</u>	_____	_____	_____		Electives***			<u>6</u>
			13								14

*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:

BIOL 215—Introductory to Epidemiology	3	BIOL 406--Internship in Biology****	3
BIOL 216--Environmental Biology	4	BIOL 407--Ethics in Scientific Research	3
BIOL 307--Anatomy & Physiology II	4	BIOL 409--Biological Research	3
BIOL 312—Principles of Toxicology	3	BIOL 411—Vertebrate Zoology	4
BIOL 315--Water Quality Management	4	BIOL 417--Conservation Biology	3
BIOL 318--Alcohol/Drug Abuse ****	3	BIOL 418—Environ. Issues & Policies	3
BIOL 320--Environmental Systems	3	BIOL 419--Comp. Verte. Anatomy	4
BIOL 402--Vertebrate Histology	4	BIOL 434--Contemporary Botany	4
BIOL 403--Parasitology	4		

Total Degree Requirements

General Biology Concentration.....120

Biology majors aspiring to enter **Medical, Dental, Pharmacy, Veterinary** or **Graduate school** should take the appropriate test--**Medical College Admission Test (MCAT); Dental Admission Test (DAT); Pharmacy College Admission Test (PCAT); Veterinary College Admission Test (VCAT); Graduate Record Exam (GRE)**--- during the latter part of their junior year. Majors should register with the GSU Biology Department's Pre-professional Advisory Committee and begin serious test preparation early during their freshman year. It is strongly suggested that the following courses be completed prior to taking the test: **Biology**(113-115, 114-116, 202, 302, 304, 305) **Chemistry** (111-113,112-114, 223-225,224-226) **Math** (153,154) and **Physics**(109-111, 110-112).

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