

COLLEGE OF ARTS AND SCIENCES

Department of Biological Sciences

NAME _____

S.S.# _____

The following courses are required for the B.S. Degree in Biology. Courses 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 Freshman Seminar	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 Freshman Seminar	1	_____	_____	_____
ENG 102 Freshman Composition	3	_____	_____	_____
MATH 148 Precalculus II	3	_____	_____	_____
PHY ED Activity	1	_____	_____	_____
HED 100 First Aid	1	_____	_____	_____
CHEM 112 Gen. Chem. Lect.	3	_____	_____	_____
CHEM 114 Gen. Chem. Lab.	<u>1</u>	_____	_____	_____
	17			

SOPHOMORE YEAR

BIOL 202 Develop. Biol. Lect./Lab.	4	_____	_____	_____
ECON 201 Prin. of Economics	3	_____	_____	_____
CIS 115 Intro. Comp. Software Appli.	3	_____	_____	_____
Foreign Language Elective**	3	_____	_____	_____
CHEM 223 Organic Chem. Lect.	3	_____	_____	_____
CHEM 225 Organic Chem. Lab	<u>1</u>	_____	_____	_____
	17			

BIOL 206 Fund. Ecology Lect./Lab.	4	_____	_____	_____
ENG 213 Advanced Composition	3	_____	_____	_____
Humanities Elective	3	_____	_____	_____
Foreign Language Elective	3	_____	_____	_____
GET 300* Rising Junior Examination	0	_____	_____	_____
CHEM 224 Organic Chem. Lect	3	_____	_____	_____
CHEM 226 Organic Chem. Lab.	<u>1</u>	_____	_____	_____
	17			

JUNIOR YEAR

PHYS 109 Fund. of Phys. Lect.	3	_____	_____	_____
PHYS 111 Fund. of Phys. Lab.	1	_____	_____	_____
BIOL 302 Genetics Lect./Lab.	4	_____	_____	_____
PS 201 American Government	3	_____	_____	_____
ENG 207 Intro. Tech. Writing	3	_____	_____	_____
Technical Elective ***	<u>3</u>	_____	_____	_____
	17			

PHYS 110 Fund. of Phys. Lect..	3	_____	_____	_____
PHYS 112 Fund. of Phys. Lab	1	_____	_____	_____
BIOL 304 Intro. Microbiology Lect./Lab.	4	_____	_____	_____
CHEM 461 Biochemistry	3	_____	_____	_____
HIST 201 Am. National Multi.	3	_____	_____	_____
Technical Elective ****	<u>3</u>	_____	_____	_____
	17			

SENIOR YEAR

FALL SEMESTER

		CH	Gr.	Sem.	Yr.
Elective	Art 105, 210 or Mus. 219	3	_____	_____	_____
ST 212/ 208	Pub. Speak. OR Sp. Arts	3	_____	_____	_____
BIOL 459	Cell & Mol. Biol. Lect. I	3	_____	_____	_____
BIOL 461	Cell & Mol. Biol. Lab. I	1	_____	_____	_____
Biology Elective		<u>3</u>	_____	_____	_____
		13			

SPRING SEMESTER

		CH	Gr.	Sem.	Yr.
BIOL 305	Anatomy and Physiology I	4	_____	_____	_____
BIOL 408	Seminar	1	_____	_____	_____
BIOL 463	Cell & Molecular Biol. Lect. II	3	_____	_____	_____
BIOL 465	Cell & Molecular Biol. Lab. II	1	_____	_____	_____
Biology Elective		<u>3</u>	_____	_____	_____
		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.

***Technical Electives (Math 153, Math 154, Stat. 273, Chem. Courses 200 level or above).

****Student must have the instructor's permission to enroll in this course.

Biology Electives include the following:

BIOL 216--Environmental Biology	4	BIOL 409--Biological Research	3
BIOL 307--Anatatomy & Physiology II	4	BIOL 411--Vertebrate Zoology	4
BIOL 315--Water Quality Management	4	BIOL 416--Advanced Microbiology	4
BIOL 318-Alcohol/Drug Abuse ****	3	BIOL 417--Conservation Biology	3
BIOL 320--Environmental Systems	3	BIOL 419--Comp. Verte. Anatomy	4
BIOL 402--Vertebrate Histology	4	BIOL 433--Limnology	4
BIOL 403--Parasitology	4	BIOL 434--Contemporary Botany	4
BIOL 406--Internship in Biology****	3	BIOL 435--Wetland Ecology	3
Biol. 407--Ethics in Scientific Research	3		

Total Degree Requirements

General Biology Concentration.....125

Wildlife Biology Concentration.....125

NOTE: Some requirements for the Wildlife Biology Concentration are not listed. See the Department for these details.

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 _____

Advisors Signature/ Date

Students Signature/ Date

Effective August 1, 2007

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