



Biology, B.S.

Core IMPACTS Curriculum	HRS	GR
Core IMPACTS Area I - Institutional Priorities	4-5	
1. Written and Oral Communication One of the following is required of all majors. Choose from the following: ART 2000, ANTH 110, COMM 1100, COMM 1110, ENGL 2000, ENGL 2050 (or) THEA 2050, PHIL 2020, or any international language 1001, 1002	3	
2. Other Institutional Options ANTH 1100, BUSA 1900, CS 1000, LIBR 2100, MUSC 1110, XIDS 2001, XIDS 2002	1-2	
Core IMPACTS Area M - Mathematics and Quantitative Skills	3	
Choose one of the following based on major: MATH 1001, MATH 1101, MATH 1111, MATH 1113, MATH 1401, MATH 1634	3-4	
Core IMPACTS Area P - Political Science and U.S. History (Citizenship)	6	
1. American / United States History HIST 2111 or 2112	3	
2. American / Georgia Government POLS 1101	3	
Core IMPACTS Area A - Arts, Humanities & Ethics (Humanities)	6	
1. Fine Arts XIDS 2100, ART 1201, ART 2201, ART 2202, FILM 2080, MUSC 1100, MUSC 1120, THEA 1100	3	
2. Humanities XIDS 2100, COMM 1154, ENGL 2110, ENGL 2120, ENGL 2130, ENGL 2180, ENGL 2190, FREN 1001, GRMN 1001, SPAN 1001, FREN 1002, GRMN 1002, SPAN 1002, FREN 2001, GRMN 2001, SPAN 2001, FREN 2002, GRMN 2002, SPAN 2002, FORL 2200, FORL 2300, PHIL 2010, PHIL 2030	3	
Core IMPACTS Area C - Communicating in Writing	6	
ENGL 1101	3	
ENGL 1102	3	
Core IMPACTS Area T - Technology, Mathematics, and Sciences (STEM)	10-11	
1. Science Courses ANTH 1105, ASTR 2313(L), BIOL 1010(K)(L), BIOL 1012, BIOL 1013, BIOL 1014, BIOL 1015, BIOL 1107(L), BIOL 1108(L), CHEM 1100(L), CHEM 1151(L), CHEM 1152(L), CHEM 1211(K)(L), CHEM 1212(K)(L), CHEM 1230K, GEOG 1111, GEOG 1112(L), GEOG 1113(L), GEOG 2202(L), GEOG 2553, GEOL 1121(L), GEOL 1122(L), GEOL 1123(L), GEOL 2503, GEOL 2523, GEOL 2553, PHYS 1111(L), PHYS 1112(L), PHYS 2211(L), PHYS 2212(L), XIDS 2202	7-8	
2. Mathematics, Science, and Quantitative Technology Courses CS 1030, CS 1300, DATA 1501, MATH 1401, MATH 1413, MATH 1634, MATH 2644	3-4	
Core IMPACTS Area S - Social Sciences	6	
1. World History HIST 1111 or 1112	3	
2. Social Science Elective Courses ANTH 1004, ANTH 1102, CRIM 1100, ECON 2100, ECON 2105, ECON 2106, GEOG 1013, GEOG 2503, PHIL 2130, POLS 2201, PSYC 1101, SOCI 1101, SOCI 1160, XIDS 2300, XIDS 2301	3	

Field of Study	HRS	GR
BIOL 1107 (Principles of Biology I)	3	
BIOL 1107L (Principles of Biology I Laboratory)	1	
BIOL 1108 (Principles of Biology II)	3	
BIOL 1108L (Principles of Biology II Laboratory)	1	
1000/2000 Level Academic Electives	10	

Major Course Options	HRS	GR
Requirements for Major	39	
BIOL 3134 (Cell and Molecular Biology)	4	
BIOL 3168 (Evolution and Ecology)	4	
BIOL 4984 (Senior Biology Seminar)	1	
Biology Electives (3000/4000)	0-21	
Supporting Courses for the Major MATH 1113, CHEM 2411, CHEM 2411L, CHEM 1211, CHEM 1211L, CHEM 1212, CHEM 1212L, BIOL 1110	6	
Electives	0-15	
Total	120	

Biomedical Sciences Concentration	HRS	GR
Recommended courses for this concentration include: BIOL 2251, BIOL 2251L, BIOL 2252, BIOL 2252L, BIOL 3310, BIOL 3621, & BIOL 4503.		
Group 1: Lab Based Courses (At least one course must be chosen from this group.) BIOL 3231, BIOL 3513, BIOL 3526, BIOL 3621, BIOL 4134, BIOL 4315, BIOL 4520, BIOL 4727, BIOL 4728, BIOL 4729, BIOL 4735		
Group 2: Non-Lab Based Courses BIOL 3310, BIOL 4325, BIOL 4503, BIOL 4539, BIOL 4730, BIOL 4732, BIOL 4733, BIOL 4734		
Environmental Biology Concentration	HRS	GR
Organismal Biology Courses (Select at least 2 courses from this group.) BIOL 3221, BIOL 3223, BIOL 3226, BIOL 3231, BIOL 4241, BIOL 4242, BIOL 4245, BIOL 4430, BIOL 4441		
Group 2: Ecological Biology Lab Based Courses (Select at least 2 courses) BIOL 4424, BIOL 4425, BIOL 4427, BIOL 4440, BIOL 4450		
Group 2: Ecological Biology Non-Lab Based Courses (Select at least 1 course) BIOL 4130, BIOL 4266, BIOL 4445		
Integrative Biology Concentration	HRS	GR
Group 1: Lab Based Courses (At least one course must be chosen from this group.) BIOL 3221, BIOL 3223, BIOL 3226, BIOL 3231, BIOL 3513, BIOL 3526, BIOL 3621, BIOL 4134, BIOL 4241, BIOL 4242, BIOL 4245, BIOL 4315, BIOL 4424, BIOL 4425, BIOL 4427, BIOL 4430, BIOL 4440, BIOL 4450, BIOL 4520, BIOL 4727, BIOL 4728, BIOL 4729, BIOL 4735		
Group 2: Non-Lab Based Courses BIOL 3310, BIOL 4130, BIOL 4266, BIOL 4325, BIOL 4441, BIOL 4445, BIOL 4503, BIOL 4539, BIOL 4666, BIOL 4730, BIOL 4731, BIOL 4732, BIOL 4733, BIOL 4734		