

## Bachelor's Program: BIOLOGY (Lower Level Core - 60 Hours)

STUDENT: \_\_\_\_\_

US History? \_\_\_\_\_

MGA ID: \_\_\_\_\_

GA History? \_\_\_\_\_

US Constitution? \_\_\_\_\_

GA Constitution? \_\_\_\_\_

Career Goal: \_\_\_\_\_

Area A: Essential Skills (9hrs)	Credits	PreReq	Semester	Year	Grade	Comments
ENGL 1101	3					
ENGL 1102	3	"C" in ENGL 1101				
MATH 1112 or 1113 or 1251	3	"C" in MATH 1111, or test scores				

Area B: Institutional Options (4hrs)	Credits	PreReq	Semester	Year	Grade	Comments
Area B Elective - Perspectives (Crit. Thinking)	4					

Area C: Humanities & Fine Arts (6hrs)	Credits	PreReq	Semester	Year	Grade	Comments
Literature Elective - **Can be globally-rel.	3					
Area C Elective -	3					

Area D: Science, Math & Tech. (11 hrs)	Credits	PreReq	Semester	Year	Grade	Comments
Lab Science Elective <sup>a</sup> - CHEM 1211	4	HS Chem/ CHEM 1151 & "C" in MATH 1111, or MATH 1112/1113				
Lab Science Elective <sup>a</sup> - CHEM 1212	4	"C" in CHEM 1211				
Area D Elective <sup>b</sup> -	3					

<sup>a</sup>CHEM 1211K - 1212K sequence strongly recommended

<sup>b</sup>MATH 1200 (Stats) strongly recommended (Pre-req is "C" in MATH 1111)

Area E: Social Sciences (12 hrs)	Credits	PreReq	Semester	Year	Grade	Comments
HIST 2111 or HIST 2112	3					
POLS 1101	3					
Area E Elective	3					
Area E Elective **Can be globally-related	3					

**\*\*GLOBAL REQ.:** ONE must be from: ENGL 2111, ENGL 2112, HIST 1111, HIST 1112, HIST 1190, POLS 2301, or POLS 2401

Area F: Major Field (18 hrs)	Credits	PreReq	Semester	Year	Grade	Comments
BIOL 2107 <sup>c</sup>	4	CHEM 1211 or Co-Req				
BIOL 2108	4	"C" in BIOL 2107				
CHEM 2211 <sup>c</sup>	4	"C" in CHEM 1212				
CHEM 2212	4	"C" in CHEM 2241				
SCIE 2998 <u>or</u> BIOL 2999 <sup>d</sup> (must take 2x)	2	BIOL 2107				

<sup>c</sup>BIOL 2107 & 2108, and CHEM 1211 & 1212, are required in Area F if not taken in Area D. Students taking either BIOL 2107 & 2108 sequence or the CHEM 1211 & 1212 sequence in Area D should take CHEM 2211 & 2212 sequence in Area F.

<sup>d</sup>Students taking MATH 1251 in Area A or D should take BIOL 2999 in Area F.

NOTES: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Advisor Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## Bachelor's Program: BIOLOGY TRACK (Upper Level - 60 Hours)

STUDENT: \_\_\_\_\_

MGSC ID: \_\_\_\_\_

Advising for (Semester, Year): \_\_\_\_\_

Required Courses (42 Hours)	Credits	Prereq.	Semester	Year	Grade	Comments
BIOL 3104 - Cell Biology	4	"C" in BIOL 2108				
BIOL 3211 - Evolution	4	"C" in BIOL 2108				
BIOL 3310 - Biochemistry	4	"C" in BIOL 2108 & CHEM 2212				
BIOL 3510 - Invertebrate Zoology <i>or</i> BIOL 3520 - Vertebrate Zoology <i>or</i> BIOL 3360 - Plant Biology	4	"C" in BIOL 2108				
BIOL 3540 - Microbiology	4	"C" in BIOL 2108				
BIOL 4110 - Genetics	4	"C" in BIOL 2108				
BIOL 4530 - Molecular Biology	4	BIOL 2108 BIOL 3540 or BIOL 3104				
BIOL 4120 - Senior Seminar <i>or</i> BIOL 4894 - Research	2	90 or more hrs				
CHEM 2211 & 2212 - Org. Chem. I & II <i>or</i> PHYS 1111 & 1112 - Intro Physics I & II	8	CHEM 1212 MATH 1112				
<sup>o</sup> MATH 1251 - Calculus I	4	"C" in MATH 1112/1113				

<sup>o</sup>If take MATH 1251 in Area A, then take MATH 1252 or one 4-hr 3000-4000 BIOL course.

### Electives (18 hours)\* *Be sure selections total 18 hours!*

Free Elective*						
Free Elective*						
Free Elective*						
Free Elective*						
Free Elective*						
Free Elective*						
Free Elective*						

\*Select from: BIOL 3510, BIOL 3350, 3360, 3520, 3710, 4130; BIOL 3113, 3115, 3130, 3666, 4120, 4150, 4320, 4321, 4344, 4500, 4667, 4450, 4667, 4450, 4454, 4774, 4894 (fall/spring/summer) (*Note: options may vary per year.*)

NOTES: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Advisor Signature: \_\_\_\_\_