

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 (For MATH 1251: "C" in MATH 1112/1113)				

Area B: Institutional Options (4hrs)

Area B Elective - Perspectives (Crit. Thinking)	4					
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Area C: Humanities & Fine Arts (6hrs)

Literature Elective -	3					
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Area C Elective -	3					
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Area D: Science, Math & Tech. (11 hrs)

CHEM 1211 ^a	4	"C" in MATH 1111 or a higher MATH				
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CHEM 1212 ^a	4	"C" in CHEM 1211				
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MATH 1401 ^b	3	"C" in MATH 1111				
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^a The principles of chemistry sequence is strongly recommended in Area D.

^b MATH 1401 (Stats) strongly recommended

Area E: Social Sciences (12 hrs)

HIST 2111 or HIST 2112	3					
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POLS 1101	3					
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Area E Elective	3					
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Area E Elective	3					
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Area F: Major Field (18 hrs)

BIOL 2107 ^c	4	CHEM 1211 or Co-Req				
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BIOL 2108	4	"C" in BIOL 2107				
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CHEM 2211 ^c	4	"C" in CHEM 1212				
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CHEM 2212	4	"C" in CHEM 2211				
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SCIE 2998 <u>or</u> SCIE 2999 ^d (must take 2x)	2	BIOL 2107				
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^c BIOL 2107 & 2108, CHEM 1211 & 1212, and CHEM 2211 & 2212 are all required for biology majors. One sequence should be taken in Area D and the other two in Area F.

^d Students taking MATH 1251 in Area A or D require only one BIOL 2999 in Area F.

NOTES: _____

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____

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

STUDENT: _____

MGA 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 ^e	4	"C" in BIOL 2108				
BIOL 4110 - Genetics ^f	4	"C" in BIOL 2108				
BIOL 4530 - Molecular Biology	4	BIOL 2108 BIOL 3540 or 3104				
BIOL 4120 - Senior Seminar <i>or</i> BIOL 4894 - Research	2	For 4120: 90 or more hrs, For 4894: two 2999 semesters				
PHYS 1111-Intro Physics I	4	MATH 1112 or 1113				
PHYS 1112 -Intro Physics II	4	"C" in PHYS 1111				
MATH 1251 - Calculus I ^g	4	"C" in MATH 1112/1113				

^e Organic or biochemistry and upper level biology courses with "C" or better are strongly recommended.

^f MATH 1200 with "C" or better is strongly recommended.

^g If take MATH 1251 in Area A, then take MATH 2252 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*						

*Eighteen hours of upper level (3000 or 4000-level) credit from any discipline can apply to this requirement. If a student plans on applying for admission to professional programs, such as, but not limited to, graduate school, medical school, dental school, or pharmacy school, selection from the following list of courses is strongly recommended: BIOL 3110, 3113, 3115, 3130, 3350, 3360, 3510, 3520, 3666, 3710, 4150, 4321 (Only two sections of BIOL 4321 may count toward required electives.), 4322, 4323, 4344, 4411, 4450, 4454, 4500, 4667, 4774, 4894; MATH 2252 and MATH 3610. (Note: upper level elective options may vary each fall/spring.)

NOTES: _____

Student Signature: _____

Advisor Signature: _____