

BIOLOGICAL SCIENCES (BS) with Emphasis in Chemistry

Student: _____ Student ID: _____ Phone #: _____ Email: _____

Address: _____ City: _____ State: _____ Zip: _____

Beginning Term: _____ Anticipated Completion: _____

Estimated Transfer Credits: _____	Estimated Webster Credits: _____	Total Credit Hours: _____ • Transfer Credits + Webster Credits • Minimum of 120 hours
core requirements: _____	core requirements: _____	
GCP courses: _____	GCP courses: _____	
electives: _____	electives: _____	

REQUIRED CORE COURSES (82 hours)

Course	Hrs	Pre-requisite	Term	Year	Grade	Transfer
			--			
BIOL 1550 Essentials of Biology I	4 sh		--			
BIOL 1551 Essentials of Biology I: Lab	1 sh		--			
BIOL 1560 Essentials of Biology II	4 sh		--			
BIOL 1561 Essentials of Biology II: Lab	1 sh		--			
BIOL 2010 Evolution	3 sh		--			
BIOL 3050 Genetics	3 sh		--			
BIOL 3051 Genetics: Lab	1 sh		--			
BIOL 3080 Cell Biology	3 sh		--			
BIOL 3081 Cell Biology: Lab	1 sh		--			
BIOL 4400 Research Methods	3 sh		--			
BIOL 4430 Senior Thesis for BS in Biological Sciences	4 sh		--			
CHEM 1100 General Chemistry I	3 sh		--			
CHEM 1101 General Chemistry I: Lab	1 sh		--			
CHEM 1110 General Chemistry II	3 sh		--			
CHEM 1111 General Chemistry II: Lab	1 sh		--			
CHEM 2100 Organic Chemistry I	3 sh		--			
CHEM 2101 Organic Chemistry I: Lab	1 sh		--			
CHEM 2110 Organic Chemistry II	3 sh		--			
CHEM 2111 Organic Chemistry II: Lab	1 sh		--			
CHEM 3100 Biochemistry I	3 sh		--			
CHEM 3101 Biochemistry I: lab	1 sh		--			
CHEM 3110 Biochemistry II	3 sh					
CHEM 3111 Biochemistry II: Lab	1 sh					
MATH 1610 Calculus I	5 sh		--			
MATH 1620 Calculus II	5 sh					
MATH 2200 Statistics OR STAT 3100 Inferential Statistics OR PSYC 2750 Introduction to Measurement and Statistics	3 sh		--			

PHYS 2030	University Physics I	3 sh		--			
PHYS 2031	University Physics I: Lab	1 sh		--			
PHYS 2040	University Physics II	3 sh		--			
PHYS 2041	University Physics II: Lab	1 sh		--			
A minimum of 9 credit hours of 3000+ level CHEM electives. (Up to 3 credit hours of CHEM 4700 can be used toward this emphasis)		9 sh		--			
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GLOBAL CITIZENSHIP PROGRAM (minimum 30 hours)											
FIRST YEAR SEMINAR (3 hours)		Hrs	Term	Year	Grade	Transfer					
		3sh	--								
KNOWLEDGE AREAS (24 hours)			SKILLS AREAS*								
	WCOM	OCOM	CRI	INTC	ETH	Hrs	Term	Year	Grade	Transfer	
Roots of Cultures**	--	--	--	--	--	3sh	--				
	--	--	--	--	--	3sh	--				
Social Systems & Human Behaviors**											
	--	--	--	--	--	3sh	--				
	--	--	--	--	--	3sh	--				
Physical & Natural World											
BIOL 1550	--	--	--	--	--	3sh	--				
Global Understanding											
	--	--	--	--	--	3sh	--				
Arts Appreciation											
	--	--	--	--	--	3sh	--				
Quantitative Literacy											
MATH 1610	--	--	--	--	--	3sh	--				
Skills Courses not associated with Knowledge Areas (optional)											
	--	--	--	--	--	3sh	--				
	--	--	--	--	--	3sh	--				
	--	--	--	--	--	3sh	--				
	--	--	--	--	--	3sh	--				
KEYSTONE SEMINAR (3 hours)		Hrs	Term	Year	Grade	Transfer					
		3sh	--								

NOTE: In addition to the First Year and Keystone Seminars, students must complete *all 5 Skills Requirements within or in addition* to fulfilling each Knowledge Area. Courses with a grade of C- or better will satisfy GCP requirements.



Degree Plan

Skills Areas: WCOM = Written Communication OCOM = Oral Communication ETH = Ethical Reasoning
 CRI = Critical Thinking INTC = Intercultural Competence

****NOTE:** Courses must have two different prefixes.

ELECTIVE COURSES					
TOTAL ELECTIVE TRANSFER HOURS					
REMAINING ELECTIVE HOURS					
Course	Hrs	Pre-Requisite	Term	Year	Grade
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			--		
			--		
			--		
			--		
			--		
			--		
			--		
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COMMENTS:

- Pending official transcripts, course descriptions and administrative approval.
- You may change the recommended course sequence as needed as long as you do not take any course before or with its prerequisite(s).
- Not all courses are offered at all sites each term. Check with the site for the current rotation schedule as course schedules are subject to change.
- Transfer credit may apply as general education courses, elective courses or core course substitutions (if the courses are substantively the same as Webster core courses).
- This program plan is not a substitute for application, registration, transfer of credit or core course substitution requests. All other required forms must be filed in addition to this program plan.
- Signature on this program plan does not imply commitment for application or registration.

Advisor _____

Student _____

Phone:

Fax: 314-968-7166

Email:

Date Advised: