

## BIOLOGICAL SCIENCES (BS) with an Emphasis in Health and Medicine

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 (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 1550	--			
BIOL 1561 Essentials of Biology II: Lab	1 sh		--			
BIOL 2010 Evolution	3 sh	BIOL 1550, 1560	--			
BIOL 3050 Genetics	3 sh	BIOL 1550, 1551, 1560, 1561	--			
BIOL 3051 Genetics: Lab	1 sh		--			
BIOL 3080 Cell Biology	3 sh		--			
BIOL 3081 Cell Biology: Lab	1 sh		--			
BIOL 3900 Journal Club	3 sh	BIOL 1550, 1560				
BIOL 4400 Research Methods	3 sh	See catalog	--			
BIOL 4430 Senior Thesis for BS in Biological Sciences	4 sh	BIOL 4400	--			
CHEM 1100 General Chemistry I	3 sh	MATH 1430 or equivalent	--			
CHEM 1101 General Chemistry I: Lab	1 sh		--			
CHEM 1110 General Chemistry II	3 sh	CHEM 1100	--			
CHEM 1111 General Chemistry II: Lab	1 sh		--			
CHEM 2100 Organic Chemistry I	3 sh	CHEM 1100, 1101, 1110, 1111	--			
CHEM 2101 Organic Chemistry I: Lab	1 sh		--			
CHEM 2110 Organic Chemistry II	3 sh	CHEM 2100	--			
CHEM 2111 Organic Chemistry II: Lab	1 sh		--			
CHEM 3100 Biochemistry I	3 sh	CHEM 2100	--			
CHEM 3101 Biochemistry I: lab	1 sh		--			
MATH 1610 Calculus I	5 sh		--			
MATH 2200 Statistics <b>OR</b> STAT 3100 Inferential Statistics <b>OR</b>	3 sh		--			

PSYC 2750 Introduction to Measurement and Statistics						
PHYS 2030 University Physics I	3 sh	MATH 1610	--			
PHYS 2031 University Physics I: Lab	1 sh		--			
PHYS 2040 University Physics II	3 sh	PHYS 2030	--			
PHYS 2041 University Physics II: Lab	1 sh		--			
BIOL 4700 Independent Research in Biology OR CHEM 4700 Independent Research in Chemistry I OR PHYS 4700 Independent Research in Physics	2 sh		--			
<b>AN ADDITIONAL 15 CREDIT HOURS OF 2000+ LEVEL BIOL, CHEM OR PHYS ELECTIVES</b>	15 sh		--			

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										
	--	--	--	--	--	3sh	--			
Global Understanding										
	--	--	--	--	--	3sh	--			
Arts Appreciation										
	--	--	--	--	--	3sh	--			
Quantitative Literacy										
	--	--	--	--	--	3sh	--			
Skills Courses not associated with Knowledge Areas (optional)										
	--	--	--	--	--	3sh	--			
	--	--	--	--	--	3sh	--			
	--	--	--	--	--	3sh	--			
	--	--	--	--	--	3sh	--			
KEYSTONE SEMINAR (3 hours)	Hrs	Term	Year	Grade	Transfer					
	3sh	--								

