



Bachelor of Science in Biology Advising Sheet

Date _____

Name _____ 929 _____ Advisor _____

IMPACTS Core Curriculum		Credit Hours	Completed or enrolled	To be completed
<u>Institutional Priority</u>				
FIRE 1000 Freshman Introduction to Reasoning Essentials		2		
COLQ 29XX Colloquium		2		
<u>Mathematics and Quantitative Skills</u>				
MATH 1113 Pre-calculus (must complete with C or better grade), or MATH 1401 Elementary Statistics, or MATH 1501 Calculus I or higher MATH		3		
<u>Political Science & US History</u>				
POLS 1101, 1101H American Government		3		
HIST 2111, 2111H American History I or HIST 2112 American History II		3		
<u>Arts, Humanities & Ethics</u>				
Group 1 (Choose one course)				
ARTS 1100, 1101, 1102; COMM 1100, 1110, 1500; FREN 1001, 1002; HUMN 1500; MUSC 1100; SPAN 1001, 1002, 1060; THEA 1000, 1100		3		
Group 2 (Choose one course)				
ENGL 2111, 2111H, 2112, 2121, 2122, 2131, 2132, 2141, 2142 or PHIL 2010 or 2020		3		
<u>Communication in Writing</u>				
ENGL 1101 Composition I		3		
ENGL 1102 Composition II		3		
<u>Technology, Math, & Sciences (STEM)</u>				
CHEM 1211K Principles of Chemistry (must complete with C or better grade)		4		
CHEM 1212K Principles of Chemistry II		4		
MATH 1401 Elementary Statistics, or MATH 1501 Calculus I, or MATH 1502 Calculus II		3-4		
<u>Social Sciences</u>				
Choose two courses: ANTH 1102; any ECON; any HIST not taken above; PSYC 1101; SOCI 1101; or POLS 2201, 2301, 2401		3		
		3		
<u>Institutional Requirements</u>				
PHED 1001 Health and Wellness for Living; or PHED 1010 Physical Fitness for Life		3		
Choose one course: PHED 1109 Pace walking; PHED 1015 First Aid/CPR; PHED 1101 Jogging; PHED 1103 Weight training; or any PHED 1 credit activity course		1		
<u>Major Foundations</u>				
BIOL 1107K Principles of Biology I (must complete with C or better grade)		4		
BIOL 1108K Principles of Biology II (must complete with C or better grade)		4		
One credit hour of Mathematics (excess from Mathematics and Quantitative Skills)		1		

One credit hour of Technology, Math, & Sciences (STEM) (excess from STEM)	1		
Additional electives to total 18 credits for Major Foundations category: CHEM 2401K Organic Chemistry I (4 hours) CHEM 2402K Organic Chemistry II (4 hours) PHYS 1111K Introductory Physics I (4 hours) PHYS 1112K Introductory Physics II (4 hours) Or any Physics with lab (4 hours) GEOL 1121K Introductory Geoscience I: Physical Geology (4 hours) GEOL 1122K Introductory Geoscience II: Historical Geology (4 hours) Any 2000-level BIOL course(s) Any CSCI course(s) Any MATH courses except MATH 1001 and MATH 1111 Any SPAN or FREN courses List courses and hours below:			

Upper-level courses required for Bachelor of Science in Biology (Track 1) is below. If the student already has an Associate’s degree in any discipline and has not completed BIOL 1107K, BIOL 1108K, CHEM 1211K, CHEM 1212K, and the MATH requirements listed in Mathematics and Quantitative Skills; and Technology, Math, & Sciences (STEM) categories then they must complete these courses in addition to the ones listed below.

Track 1: Biology (124 Semester hours)			
THIS COURSEWORK IS IN ADDITION TO COMPLETION OF IMPACTS CORE CURRICULUM	Credit Hours	Completed or Enrolled	Need to Complete
Common Biology Requirements			
BIOL 3200K Genetics	4		
BIOL 3300K Cellular and Molecular Biology	4		
BIOL 3500K Ecology	4		
BIOL 4200 Evolution	3		
BIOL 4000 Senior Seminar	2		
7 additional semester hours BIOL courses numbered 3000 and above (list courses and hours below)	7		
	24		
Required Courses for Bachelor of Science in Biology			
CHEM 2401K Organic Chemistry I (may be counted in major foundations category or general electives category)	4		

PHYS 1111K (or PHYS 2211K Principles of Physics I (calculus-based)) (may be counted in major foundations category or general electives category)	4		
Upper-Level Electives			
15 hours in any discipline in courses numbered 3000 and above that student meets the course prerequisites (Discipline examples include: BIOL, ENGL, HIST, HUSV, CRJU, FTA, GFA, HLTW, MGNT, OATC, ORGL, POLS, PSYC, SOCI, THEA) List courses and hours below:	15		
General Electives			
Any college level courses numbered 1000 and above may be used as general electives. Biology majors are urged to complete as many courses as possible from this list: CHEM 2402K Organic Chemistry II MATH 1501 Calculus I MATH 1502 Calculus II PHYS 1112K Introductory Physics II or PHYS 2212K Principles of Physics II List courses and hours below:			
	13		
Total Semester Hours	120-124		

Program map for Bachelor of Science in Biology

Name:

Student ID: 929

Term 1 FRESHMAN	Hours	
ENGL 1101 Composition I	3	
FIRE 1000 Freshmen Intro Reasoning Essentials	2	
<i>Total Term 1</i>		

Term 2 FRESHMAN	Hours	
ENGL 1102 Composition II	3	
<i>Total Term 2</i>		

Term 3 SOPHOMORE	Hours	
<i>Total Term 3</i>		

Term 4 SOPHOMORE	Hours	
<i>Total Term 4</i>		

Term 5 JUNIOR	Hours	
<i>Total Term 3</i>		

Term 6 JUNIOR	Hours	
<i>Total Term 6</i>		

Term 7 SENIOR	Hours	
<i>Total Term 7</i>		

Term 8 SENIOR	Hours	
<i>Total Term 8</i>		
<i>Total All Terms</i>		