

06. Major/Emphasis Requirements (38 hrs)		Credit Hours
01.	BSC 110/BSC 110L Principles of Biological Science I & Lab	3/1
02.	BSC 111/BSC 111L Principles of Biological Science II & Lab	3/1
03.	BSC 201/BSC 201L General Zoology & Lab	3/1
04.	BSC 226/BSC 226L General Botany & Lab	3/1
05.	BSC 360 Cellular Physiology	3
06.	BSC 370 Genetics	4
07.	BSC 380/BSC 380L General Microbiology & Lab	3/1
08.	Physiology (Select 3-5 hours)	
	BSC 431 Plant Physiology	3
	BSC 450 Comparative Animal Physiology	3
	BSC 451 Mammalian Physiology	3
	BSC 452 Environmental Physiology	3
	BSC 453 Invertebrate Physiology	3
	BSC 454L Physiology Laboratory	2
	BSC 487/BSC 487L Microbial Physiology & Lab	3/1
09.	Ecology (Select 3-4 hours)	
	BSC 340 Environmental Biology	3
	BSC 382 Microbial Ecology	3
	BSC 435/BSC 435 L Plant Ecology & Lab	3/1
	BSC 436/BSC 436 L Conservation Biology & Lab	3/1
	BSC 440/BSC 440 L Ecology & Lab	3/1
	BSC 441/BSC 441 L Population & Community Ecology & Lab	3/1
	BSC 442/BSC 442 L Behavioral Ecology & Lab	3/1
	BSC 443/BSC 443L Freshwater Biology & Lab	3/1
10.	Select 1-4 hours of 300 or 400 level BSC courses (one or two courses) so that Major hours total at least 38 hours. See Undergraduate Bulletin for course descriptions.	
11.	BSC 497 Senior Practicum [Senior Capstone Experience]	1
07. Other Required Courses (28 hrs)		
01.	CHE 106/CHE 106L General Chemistry I	3/1
02.	CHE 107/CHE 107L General Chemistry II	3/1
03.	CHE 255/CHE 255L Organic Chemistry	3/1
04.	CHE 256/CHE 256L Organic Chemistry	3/2
05.	PHY 111/PHY 111L General Physics I	3/1
06.	PHY 112/PHY 112L General Physics II	3/1
07.	Computing Competency (Select 3 hrs)	
	CSS 240 FORTRAN Programming	3
	CSS 330 Introduction to Programming	3
	CSS 333 Problem Solving Using C, I	3
	CSS 211 Statistical Methods I	3
	PSY 360 Introduction to Statistics for the Behavioral Sciences	3

08. Minor Area of Study (Optional)

09. Electives (25-27 hrs)

Minimum of 124 Hours in Program

Minimum of 64 hours required from a four-year college; 45 hours at 300 or 400 level; last 32 hours taken at USM.