

BACHELOR OF SCIENCE IN BIOLOGY

Summary of Graduation Requirements

Subject Area	Credits
General Education Core (https://catalog.nsu.edu/undergraduate/academic-information/general-education-core-program/)	42
Major Requirements	49
Electives	3
Other Requirements	26
Total Credit Hours	120

Curriculum

Course	Title	Credits
First Year		
SEM 101 & SEM 102	Spartan Seminar 101 and Spartan Seminar 102	2
BIO 110 & 110L	General Biology and General Biology Laboratory	4
BIO 111 & 111L	General Biology II and General Biology II Laboratory	4
ENG 101	College English I	3
ENG 102	College English II	3
HED 100	Personal and Community Health	2
Select one of the following:		3
HIS 100	History of World Societies I	
POS 100	American National Government	
SOC 110	Introduction to Sociology	
MTH 151	College Algebra	3
MTH 153	College Algebra & Trigonometry	3
PED 100	Fundamentals of Fitness for Life	1
Credits		28
Second Year		
SEM 201	Spartan Seminar 201	1
BIO 260 & 260L	Integrative Zoology and Integrative Zoology Laboratory	4
BIO 261	General Botany	3
BIO 261L	General Botany Laboratory	1
XXX XXX	Biology Elective	4
CHM 221	General Chemistry I	3
CHM 222	General Chemistry II	3
CHM 221L	General Chemistry I Laboratory	1
CHM 222L	General Chemistry II Laboratory	1
CSC 150	Computer Literacy	3
XXX 111	Intro to French, Spanish, German or Arabic	3
XXX 112	Intro to French, Spanish, German or Arabic	3
ENG 285	Public Speaking	3
Credits		33
Third Year		
BIO XXX XXX	Elective	4

BIO 263 & 263L	Vertebrate Embryology and Vertebrate Embryology Lab	
BIO XXX XXX	Elective	4
BIO 270 & 270L	Comparative Vertebrate Anatomy and Physiology and Comparative Vertebrate Anatomy & Physiology Laboratory	
BIO 272 & 272L	Human Anatomy and Human Anatomy Laboratory	
BIO 310	General Microbiology	3
BIO 310L	General Microbiology Laboratory	1
CHM 321	Organic Chemistry I	3
CHM 321L	Organic Chemistry I Laboratory	2
CHM 322	Organic Chemistry II	3
CHM 322L	Organic Chemistry II Laboratory	2
PHY 152	General Physics	3
PHY 152L	General Physics Laboratory I	1
PHY 153	General Physics	3
PHY 153L	General Physics Laboratory II	1
Select one Cultural Elective of the following:		3
ENG 383	African-American Literature, 1940-PRESENT	
HIS 335	African-American History	
HIS 336	African-American History Since 1865	
HRP 320	African American Health	
MUS 234	African-American Music	

Credits 33

Fourth Year		
BIO 351	Principles of Genetics	3
BIO 351L	Principles of Genetics Laboratory	1
BIO 364	Seminar and Colloquium in Biology	1
Select one of the following BIO elective:		4
BIO 459	General Physiology	
BIO 459L	General Physiology Laboratory	
BIO 461 & 461L	Plant Physiology and Plant Physiology Laboratory	
BIO 495	Biostatistics	3
BIO 474	Molecular Biology	3
BIO 474L	Molecular Biology Laboratory	2
Select one Cultural Elective:		3
ENG 383	African-American Literature, 1940-PRESENT	
FIA 270	History of Art Survey I	
HIS 335	African-American History	
HIS 336	African-American History Since 1865	
HRP 320	African American Health	
MUS 234	African-American Music	
XXX XXX	Free Elective	3
Select one Humanities Elective:		3
HUM 210	Humanities	
HUM 211	Humanities	
ENG 207	Introduction to World Literature	

FIA 201	Basic Art Appreciation	
MUS 301	Music Appreciation	
Credits		26
Total Credits		120

All Biology courses require students to take both lecture (3 credits) and lab (1 credit) with the exception of BIO 364 Seminar and Colloquium in Biology and BIO 495 Biostatistics. The lab for BIO 474L Molecular Biology Laboratory is 2 credits.