

BS.BIO.TC Curriculum 2024

Track 2 – BS Biology with Teacher Licensure

Semester 1			Semester 2		
SEM 101	Spartan Seminar 101	1 credit hour	SEM 102	Spartan Seminar 102	1 credit hour
BIO 110/110L	General Biology I	4 credit hours	BIO 111/111L	General Biology II	4 credit hours
ENG 101	College English I	3 credit hours	ENG 102	College English II	3 credit hours
MTH 151	College Algebra	3 credit hours	MTH 153	College Algebra & Trigonometry	3 credit hours
CSC 150 CSC 200	Computer Literacy OR Advanced Comp. Concepts	3 credit hours	<i>Select one of the following:</i> HIS 101 History of Civilizations HIS 103 U.S. History Since 1865 SOC 101 Intro. to Social Sciences BUS 175 Intro. to Business & Entrepreneurship ECN 200 Principles of Economics		3 credit hours
EDU 201	Foundations of Education	3 credit hours	PED 100	Fundamentals of Fitness for Life	1 credit hour
			HED 100	Personal & Community Health	2 credit hours
Total Credit Hours		17 credits			17 credits

Semester 3			Semester 4		
CHM 221/221L	General Chemistry I	4 credit hours	SEM 201	Spartan Seminar 201	1 credit hour
ENG 203	Advanced Communication Skills	3 credit hours	BIO 261/261R	General Botany	5 credit hours
<i>Select one Humanities Elective</i> ENG 207 Intro to World Literature FIA 201 Basic Art Appreciation MUS 301 Music Appreciation		3 credit hours	BIO 280	Human Anatomy & Physiology I	3 credit hours
PHY 152/152L	General Physics I	4 credit hours	CHM 222/222L	General Chemistry II	4 credit hours
MTH 250	Elementary Statistics	3 credit hours	ENG 285	Principles of Speech	3 credit hours
Total Credit Hours		17 credits			16 credits

Semester 5			Semester 6		
BIO 260/260R	Zoology	5 credit hours	BIO 351 BIO 315R	Principles of Genetics & Lab	5 credit hours
BIO 271/271L	Ecology	4 credit hours	CHM 321/321L	Organic Chemistry I	5 credit hours
BIO 281	Human Anatomy & Physiology II	3 credit hours	EDU 381	Classroom & Behavior Management	3 credit hours
BIO 284	Cell & Molecular Biology	3 credit hours	SED 380	Found. of Secondary School Methods	3 credit hours
<i>Select one Cultural Elective of the following:</i>		3 credit hours			
ENG 383	African American Literature				
HIS 335	African American History				
HIS 336	African Amer History Since 1865				
HIS 371	African His/Cultures 1600 - Present				
HRP 320	African American Health				
MUS 234	African American Music				
Total Credit Hours		18 credits			16 credits

Semester 7			Semester 8		
BIO 364	TC Seminar: History of Science & Research in Biology	1 credit hour	Student Teaching		12 credit hours
BIO 375R	Human Anatomy & Physiology Lab	2 credit hours			
SCI 401	Geological Material & Processes	3 credit hours			
EDU 420	Educational Technology	3 credit hours			
EDU 486	Human Growth & Development	3 credit hours			
SED 405	Reading in the Content Area	3 credit hours			
Total Credit Hours		15 credits			12 credits

Total Number of Credit hours = 128