



MARYVILLE
UNIVERSITY

HIGH SCHOOL BIOLOGY EDUCATION

Minimum of **129** credit hours required for a Bachelor of Science degree.
Last **30** credit hours must be from Maryville University

NAME: _____ REVIEWER: _____ DATE: _____

I. MCORE (36 Hours)	Credits	SEM/YR	Grade	Notes
A. Social Discovery (6)				
CORE 101 Discovering Community	3			
Student Choice – PSYC 254 Required	3			
CORE 401 Senior Capstone				In Major: EDUC 404/504
B. Civic Discovery (6)				
CORE 201 Discovering the Nation	3			
Student Choice	3			
C. Cultural Discovery (6)				
CORE 301 Discovering the World	3			
Student Choice	3			
D. Creative Discovery (9)				
COMP 104 Writing Across the Disciplines II	3			
Student Choice – COMP 101 if needed	3			
Student Choice	3			
F. Scientific Discovery (9)				
MATH 141 Elementary Statistics	3			
Student Choice – MATH 125 or MATH 151 Required	3			
Student Choice	3			
II. Major Requirements (93 Hours)	Credits	SEM/YR	Grade	Notes
EDUC 100 Introduction to Schooling	3			
EDUC 201 School & Society	3			
EDUC 239 Fundamentals of Secondary Teaching	3			
EDUC 241 Fundamentals of Secondary Schools	3			
EDUC 313/513 Adolescent Development & Learning	3			
EDUC 315/515 Educational Psychology: Learning & Management	3			
EDUC 321/521 Literacy Across the Academic Disciplines: Secondary	3			
EDUC 352/552 Education/Psychology of the Exceptional Child	3			
EDUC 361/561 Instructional Interventions in Reading: Secondary	3			
EDUC 441/542 Teaching Science Methods: Secondary	3			
EDUC 404/504 Professional Seminar	3			
EDUC 200 Practicum in School & Society	2			
EDUC 240 Practicum in Fundamentals of Secondary Education	2			
EDUC 320 Practicum in Literacy Across the Academic Disciplines	2			
EDUC 360 Practicum Instruct. Interventions in Reading: Secondary	2			
EDUC 440 Setting up School Experience plus Practicum in Teaching Science Methods: Secondary	2			
EDUC 400 Student Teaching	10			
SCI 309 Geology, SCI 132 Energy and Our World, SCI 301 Physical Geology or SCI 222 Meteorology	3			
SCI 140 History and Philosophy of Science	3			
BIO 117 General Biology I	4			
BIO 118 General Biology II Spring Only	4			
BIO 260 General Genetics Fall Only	4			
BIO 270 Evolution Spring Only	4			
BIO 314 General Botany (Spring of odd years) or BIO 351 Cell Biology (Spring Only)	4			
CHEM 103 General Chemistry I	4			
CHEM 104 General Chemistry II	4			
PHYS 103 General Physics I or PHYS 153 Calculus Based Physics I	3			
BIO 352 General Ecology, SUST 101, SUST 150, SUST 201, SUST 350	3			
Degree Total	129			

SAMPLE COURSE PLAN

This is an example of the sequence of course work to complete this major.

Fall of Freshman Year	Credits	Spring of Freshman Year	Credits
CORE 101: Discovering Community	3	CORE 201: Discovering the Nation	3
COMP 101: Writing Across the Disciplines I	3	COMP 104: Writing Across the Disciplines II	3
Science Course with a Lab	4	Science Course with a Lab	4
EDUC 100: Introduction to Education	3	PSYC 254: Human Development through the Lifespan	3
MCORE - Student Choice	3	MATH 141: Elementary Statistics	3
Total	16	Total	16
Fall of Sophomore Year	Credits	Spring of Sophomore Year	Credits
CORE 301: Discovering the World	3	EDUC 241: Fundamentals of Secondary Schools	3
EDUC 201: School and Society	3	EDUC 240: Practicum in Fundamentals of Secondary Schools	2
EDUC 200: Practicum in School & Society	2	Science Course with a Lab	4
EDUC 239: Fundamentals of Secondary Teaching	3	MATH 125 or MATH 151	3
EDUC 313/513: Adolescent Development & Learning	3	Science Course	3
Science course with a Lab	4	MCORE - Student Choice	3
Total	18	Total	18
Fall of Junior Year	Credits	Spring of Junior Year	Credits
EDUC 321/521: Literacy Across the Academic Disciplines	3	EDUC 361/561: Instructional Interventions in Reading: Sec	3
EDUC 320: Practicum in Literacy Across the Academic Disciplines	2	EDUC 360: Pract. in Instructional Interventions in Reading: Sec	2
EDUC 315/515: Ed/Psych: Learning and Management	3	EDUC 352/552: Ed/Psych of the Exceptional Child	3
Science Course with a Lab	4	Science Course with a Lab	4
MCORE - Student Choice	3	Science Course	3
MCORE - Student Choice	3		
Total	18	Total	15
Fall of Senior Year	Credits	Spring of Senior Year	Credits
EDUC 441/542 Teaching Science Methods: Secondary	3	CORE 401: EDUC 404 Professional Seminar	3
EDUC 440: Setting Up School Experience plus Practicum in Teaching Science Methods: Secondary	2	EDUC 400: Student Teaching	10
Science Course with a Lab	4		
Science Course	3		
Science Course	3		
Total	15	Total	13

Notes: