

BS Biology: UTeach (Major Code: 3225)

Biology Courses (41hrs)



BIOL 1110/1110L	Principles of Biology 1 & lab	4	
BIOL 1120/1120L	Principles of Biology 2 & lab	4	
BIOL 2010	New biology course**	3	
BIOL 3060/3070	Ecology & lab	4	
BIOL 3250/3260	Genetics & lab	4	
BIOL 2070 BIOL 3510 BIOL 3520	Plant Morphology <i>or</i> Mycology <i>or</i> Taxonomy of Vascular Plants	4	
	Zoology and Lab-Select one course from the course list below (BIOL 3120, 3130, 3200, 3300, 3420, 4030, 4080, 4340, 4450, 4560, 4570, 4580)	4	
BIOL 3150 <i>or</i> BIOL 4160 <i>or</i> BIOL 4500	Evolution <i>or</i> Biogeography <i>or</i> Systematics	3	
BIOL 2080/2080L	Human Physiology & lab	4	
BIOL 3110/3110L <i>or</i> BIOL 2100/2100L	Principles of Microbiology & lab <i>or</i> Microbiology and Health & lab	4	
	Biology elective (must be at the 3000-4000 level)	3	

Related Courses (33hrs)

CHEM 1110/1110L	General Chemistry 1 & lab	4	
CHEM 1120/1120L	General Chemistry 2 & lab	4	
CHEM 3010/3010L	Organic Chemistry 1 & lab (Fall semesters only)	4	
CHEM 3020/3020L	Organic Chemistry 2 & lab (Spring semesters only)	4	
BIOL 2160 <i>or</i> MATH 2100	Biostatistics <i>or</i> Introductory Statistics	3-4	
MATH 1130/1830 <i>or</i> 1720/1910/1911	College Algebra and Calculus for Mgmt, Life, and Soc Sci (6hrs) <i>or</i> Pre-Calculus 2 and Calculus I & lab (7hrs)	6-7	
PHYS 1030/1030L & PHYS 1040/1040L <i>or</i> GEOL 1110/1110L & GEOL 1120/1120L	General Physics M&H/Lab <i>and</i> General Physics E&O/Lab <i>or</i> Physical Geology/Lab <i>and</i> Historical Geology/Lab (Spring semesters only)	8	

General Education (beyond what is above) (27hrs)

ENGL 1010	Rhetoric & Composition I	3	
ENGL 1020	Rhetoric & Composition II	3	
	Humanities and Fine Arts (3hrs must be in Fine Arts)	6	
	Behavioral and Social Science	6	
	Cultures and Civilizations	9	

UTeaChattanooga Courses (23hrs)

UTSM 1010	Step 1: Inquiry Approaches to Teaching Mathematics and Science	1	
UTSM 1020	Step 2: Inquiry Based Lesson Design in Mathematics and Science	1	
UTSM 2010	Knowing and Learning in Mathematics and Science	3	
UTSM 2020	Classroom Interactions	3	
UTSM 3010	Perspectives on Science and Mathematics	3	
UTSM 3020	Research Methods in Science	3	
UTSM 4010	Project-Based Instruction	3	
UTSM 4020	Apprentice Teaching in Secondary Mathematics and Science	6	

TOTAL 121-123

This form should be used for planning purposes only. Please refer to your course catalog for the most recent prerequisites and course descriptions. Information is subject to change.

The addition of BIOL 2010 will increase the hours to 124-125