

Master of Science and Mathematics in Teaching (Concentration Biology)

COURSE CURRICULUM	Credit Hour	Term 1	Term 2	Term 3
1. CORE EDUCATIONAL COURSES (12 Credits Hours)				
EDFL 511-80: History and Physiology of Education	3	Spring		
EDFL 515-80: Methods of Educational Research	3	Spring		
EDFL 5153-80: Elementary Statistics	3			Fall
EDFL 5153-80: Curriculum Methods	3			Fall
2. REQUIRED BIOLOGY COURSES (10 Credit Hours)				
BIO 507-80: Biology for Elementary Teachers:	3			Fall
BIOL 507-81: Biology Lab for Elementary Teachers	1			Fall
BIO 511-80: Biostatistics	3	Spring		
BIO 540-80: Cell Biology	3		Summer	
BIOL 540-81: Cell Biology Lab	1		Summer	
BIO 589: GRADUATE SEMINAR	1		Summer	
3. ELECTIVE CONCENTRATION COURSES (14 Credit Hours). In addition to the core and required courses shown above, student must complete a minimum of 14 credit hours selected from some of the elective courses listed below.				
BIO 501-80: Environmental Science	3			Fall
BIO 509-80: General Genetics	3	Spring		
BIO 513-80: Advanced Human Nutrition	3			Fall
BIOL515-80: Molecular Biology	3	Spring		
BIO 523-80: Ecology	3			Fall
BIOL 523-80: Ecology Lab	1			Fall
BIO 530-80: Advanced Microbiology	3		Summer	
BIOL 530-81: Advanced Microbiology Lab	1		Summer	
BIO 576-80: Histopathology	3		Summer	
BIOL 576-80: Histopathology Lab	1	Spring		
CHEM 531-80: Biochemistry	3	Spring		
TOTAL CREDIT HOURS REQUIRED	36 CREDIT HOURS			