

**COURSE REQUIREMENTS FOR BIOLOGY CERTIFICATION***Post Baccalaureate*

Insert course grades earned (where applicable) in white boxes.

COURSE #	COURSE TITLE	CR.	GRADES		
CORE CURRICULUM					
	History	3			
EL	Writing Course	3			
EL	Literature Course	3			
FA	Fine Arts	3			
MA 109	Calculus I	4			
Total Credits for Core Curriculum		16			
MAJOR COURSES					
CH 101/103	General Chemistry I and Lab	4			
CH 102/104	General Chemistry II and Lab	4			
CH 221/223	Organic Chemistry I and Lab	4			
ES 150/151	Earth Systems Science and Lab	4			
PH 111/113	General Physics I and Lab	4			
BL 150/151	General Biology I and Lab	4			
BL 152/153	General Biology II and Lab	4			
BL 208/209	Cell Biology and Lab	4			
BL 232/233 or BL 236/237	Ecology and Lab or Environmental Disturbances and Lab	4			
BL 214/215 or BL 212/213	Molecular Genetics and Lab or Microbiology and Lab	4			
BL 220/221 or BL 224/225	Comparative Anatomy or Mammalian Physiology	4			
Total Credits for Major		44			
TEACHER CERTIFICATION COURSES					
ED 115	Educational Psychology	3			
PY 214	Adolescent Development	3			
ED 290	Psychology/Education of the Exceptional Student	3			
ED 100	Foundations of Education	3			
ED 103	Field Experience I: 7-12	1			
ED 205	Strategies and Techniques of Instruction	3			
ED 206	Field Experience II: Strategies and Techniques of Instruction	1			
ED 208	Classroom Partnerships and Inclusion	3			
ED 220	Reading, Writing, and Differentiation in the Content Area	3			
ED 304	Teaching of Science 7-12	3			
ED 322	Field Experience III: Secondary Instruction & Theory	1			
ED 390	Teaching Nonnative and Culturally Diverse Students	3			
ED 400	Field Experience IV: Pre-Student Teaching Practicum	2			
ED 410	Field Experience V: Student Teaching Internship	8-9			
ED 411	Professional Seminar	3			
Total Credits for Teacher Certification Requirements		43-44			
Total Credits for Biology Certification		103-104			