

**POST-BACCALAUREATE BACHELOR OF SCIENCE PROGRAM LEADING TO
CERTIFICATION IN BIOLOGICAL SCIENCES SECONDARY EDUCATION**

2019-2020 Degree Requirements

Name _____ ID# _____

TOTAL CREDITS FOR DEGREE: 54

PREREQUISITES TO THE PROGRAM: 49 credits

ENGL English Composition _____	3 _____	EDUC 101 Tech Lit for Teaching	3 _____
ENGL English Literature _____	3 _____	EDUC 220 Family&Community Div	3 _____
BIOL 101 General Biology I	3 _____	EDUC 222 Assess&Adapt	3 _____
BIOL 102 General Biology II	3 _____	EDUC 228 Educational Psych	3 _____
BIOL 103 General Biology Lab I	1 _____	EDUC 250 Working w/Eng Lang Learn	3 _____
BIOL 104 General Biology Lab II	1 _____	SPED 180 Special Ed&Incl Pract	3 _____
CHEM 101 General Chemistry I	3 _____	SPED 280 Pos Behav Interv&Supp	3 _____
CHEM 102 General Chemistry II	3 _____		
CHEM 103 General Chemistry Lab I	1 _____		
CHEM 104 General Chemistry Lab II	1 _____		
MATH 175 Elementary Statistics	3 _____		
MATH 180 College Algebra	3 _____		

MAJOR REQUIREMENTS: 54 cr.

TESTS FOR CERTIFICATION:

BIOL 205 Botany	3 _____	ETS-Biology-Content Knowledge (0235/5235)
BIOL 206 Zoology	3 _____	
BIOL 211 Human Biology	3 _____	
BIOL 216 Intro to Microbiology	4 _____	
BIOL 222 Intro to Genetics	4 _____	
BIOL 341 Environmental Health	3 _____	
CHEM 221 Organic Chemistry	3 _____	
PHYS 101 Physics I	3 _____	
PHYS 103 Physics Lab I	1 _____	
EDUC 321 Literacy&Learn Midd/Sec	3 _____	
EDUC 415 Teaching Midd/Sec	3 _____	
EDUC 422 Data Driven Instruction	3 _____	
EDUC 425 Student Teaching Practicum	12 _____	
EDUC 432 Student Teaching Seminar	3 _____	
SPED 380 Differ Inst Pract Incl Clssrm	3 _____	

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PROGRAM OBJECTIVES

Upon successful completion of this program, a student will be able to:

1. Utilize a variety of instructional strategies.
2. Develop instructional plans and set goals based on the content to be taught/learned, knowledge of assigned students, and the instructional context.
3. Establish and maintain purposeful and equitable classroom environments.
4. Demonstrate integrity, ethical behavior, and professional conduct as stated in the *Pennsylvania Code of Professional Practice and Conduct for Educators*.