

Name:



## M.Ed in Secondary Education: Biology

**Degree Requirements: 30 credit minimum, thesis optional**

Department Office: 226 Beekey

Telephone: 610-683-4259

Program Code: GCOESEUB

Version Number: 2158

Effective Date: 08/25/2015

The program consists of a minimum of 30 credit hours. An electronic portfolio is required. All courses are three credit hours. All requirements must be completed within six calendar years.

### AREA I CURRICULUM

*Knowledge and pedagogy for engaging students in learning.*

**Select any 400-level or higher graduate Biology (BIO) courses to total a minimum of 12 credit hours.**

A. BIOLOGY CURRICULUM COURSES (12 credits)	CR	GR

### AREA II EDUCATION ENVIRONMENT

*Establishing and maintaining a culture for learning that supports cognitive engagement.*

A. REQUIRED COURSES (3 credits)	CR	GR
EDU 528 Student Diversity and Critical Pedagogy	3	
B. ELECTIVE (3 credits)	CR	GR
SELECT ANY COURSE FROM THE FOLLOWING:		
EDU 428 Culture and Diversity of English Learners	3	
EDU 496 Multicultural Education	3	
EDU 527 Foundations in Urban Education	3	
EDU 533 Social Interpretations of Education	3	
EDU 578 Comparative Education: An Analysis of International Education Systems	3	
EDU 599 School Leadership in a Diverse Society	3	
SEU 535 Classroom Management for the Inclusive Classroom	3	
500-level or above graduate level SPU course	3	

### AREA III INSTRUCTION

*Cognitively engage students in the content.*

A. REQUIRED COURSES (3 credits)	CR	GR
SEU 544 Action Research for Teacher Leaders	3	
B. ELECTIVE (3 credits)	CR	GR
SELECT ANY COURSE FROM THE FOLLOWING:		
EDU 565 Special Topics in Education	3	
EDU 568 Middle School Curriculum and Instruction	3	
EDU 434 Instructional Methodology for English Learners	3	
SEU 540 Reading, Writing & Critical Thinking for the Middle & High School Levels	3	
400-level or above LLT/ITC course	3	

<b>AREA IV PROFESSIONALISM</b>		
<i>Professional responsibilities in and out of the classroom.</i>		
<b>A. REQUIRED COURSES (3 credits)</b>	<b>CR</b>	<b>GR</b>
EDU 500 Methods of Research* • Prerequisite: 12 completed credits.	3	
<b>B. ELECTIVE (3 credits)</b>	<b>CR</b>	<b>GR</b>
<b>SELECT ANY COURSE FROM THE FOLLOWING:</b>		
EDU 503 Thesis (3-6 hours, awarded at completion of thesis) • Prerequisite: an appropriate research/methodology course.		
EDU 541 Supervision and Finance	3	
EDU 562 School Law	3	
EDU 597 Change in Education	3	