Biology Education

at Arcadia University

Global Perspectives…Personal Attention…Real-World Integrative Learning Experiences

Coordinator

Julia Plummer, Ph.D.

Master's Degree and Teacher Certification

Master of Education with a Concentration in Secondary Education
Certifications: Instructional, Supervisory

About the Secondary Education Master's Degree Program

This program is designed to allow students seeking certification in secondary areas to attain a master's degree concurrently. The degree is not required for certification, and individual requirements for certification may vary based on academic experience.
The program must be planned with an adviser to insure that degree and/or certification requirements are satisfied.

Master of Education Degree Program Requirements (M.Ed.)

(a minimum of 30 credits)

Secondary Education Concentration

1. Foundation Courses (6–9 credits) chosen with the adviser from the following:
   ED 503 Foundations of Education in the United States
   One additional foundation chosen from ED 501–510

2. Concentration Courses (15–18 credits) chosen with the adviser from the following:
   ED 513 Meeting the Needs of Diverse Learners
   ED 514 Assessment in the Classroom
   ED 517 Human Development: The School Years, K–12
   ED 523 The Teacher and the Classroom, Secondary
   ED 580 Introduction to Inclusive Education
   ED 553 Issues in Science for Secondary Teachers
   ED 565 Introduction to Instructional Technology
   ED 607 Strategic Instruction for Adolescent Readers and Writers

3. Electives (3–9 credits) chosen with the adviser.

4. Culminating Activity
   ED 596 Curriculum Development Project

Teacher Certification

Pennsylvania Instructional Teacher Certification (variable credit depending on previous academic credentials)

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ED 503 General Foundations of Education in the United States
ED 513 Meeting the Needs of Diverse Learners
ED 523 The Teacher and the Classroom, Secondary
ED 553 Issues in Science for Secondary Teachers
ED 565 Introduction to Instructional Technology
ED 471 Graduate Student Teaching Practicum: Secondary 7–12 (6 credits; credits not applicable to master's degree)
or ED 583B Fieldwork (for students holding a valid Pennsylvania Instructional I or II certificate) (3 credits; credits not applicable to master's degree)

Additional Certification Requirements

1. Completion of all subject area coursework required to meet the general and specific certification standards of the Pennsylvania

Department of Education. This will be determined by the program coordinator.

2. A grade of "**B**" or better in the Graduate Student Teaching Practicum

3. Completion of all Praxis examinations is required prior to enrolling for the Student Teaching Practicum.

   Praxis I:
   Pre-Professional Skills Tests: Passing scores on these tests are required for admission to the program.
   Praxis II:
   Biology Content Knowledge (20235)
   Qualifying Score: 147