Biology Education

at Arcadia University

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

Coordinator

Jerry Weiner, Ed.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)

Biology Education 7–12

ED	503	General Foundations of Education in the United States
ED	512	Differentiated Instruction In Inclusive Classrooms
ED	523	The Teacher and the Classroom, Secondary
ED	553	Issues in Science for Secondary Teachers
ED	565	Introduction to Instructional Technology
ED	580	Introduction to Inclusive Education
ED	606	Strategic Instruction for Emergent and Content Area Literacy
ED	622	ESL: Multicultural and Multilingual Literacies
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 II:
Biology Content Knowledge (20235)
Qualifying Score: 147