

Secondary Science Teacher Certification Requirements

Biology

Master of Arts in Teaching Program

Candidate: _____

Campus ID: _____

<i>All Courses Must be Completed with a C or Better</i>				
<u>CONTENT REQUIREMENTS FOR BIOLOGY CERTIFICATION</u>				
	<u>Semester</u>	<u>Grade</u>	<u>PROFESSIONAL EDUCATION REQUIREMENTS:</u>	
Zoology	_____	_____	<i>A GPA of 2.75 is required for official program entry. A GPA of 3.0 is required for entering internship. Students must attain a B or better in all required education courses at the 400 level.</i>	
Botany	_____	_____	<u>EDUCATION CORE COURSES</u>	<u>Semester</u>
Cell Biology OR Biochemistry or Microbiology	_____	_____	EDUC 601 Human Learning & Cognition (3)	_____
Ecology or Marine Biology	_____	_____	EDUC 602 Instructional Systems Development (3)	_____
Evolution or Genetics	_____	_____	EDUC 650 Education in Cultural Perspective (3)	_____
Physiology	_____	_____	EDUC 658 Literacy in the Content Area I (3)	_____
NOTE: 4 of the above courses must have a lab.	_____	_____	EDUC 678 Instructional Strategies/Students with Diverse Needs (3)	_____
			MLL 670 Second Language Acquisition (3)	_____
			Graduate-level elective in target language (3)	_____
History of Science (645 or 646)	_____	_____		
Physics	_____	_____	<u>PHASE I INTERNSHIP SEMESTER (Fall Only)*</u>	
College Algebra	_____	_____	EDUC 659 Literacy in the Content Area II (3)	_____
Chemistry I	_____	_____	EDUC 689 Instructional Strategies for Teaching K-12 Art (3)	_____
Chemistry II	_____	_____	EDUC 789 Phase I Internship & Seminar (1)	_____
Adolescent or Developmental Psychology	_____	_____		
			<u>PHASE II INTERNSHIP SEMESTER (Spring Only)*</u>	
			EDUC 793S Internship Phase II (5)	_____
			EDUC 797 Internship Seminar (1)	_____
			EDUC 791P Practicum in Education(3)	_____
<i>*See https://education.umbc.edu/internship/ for internship requirements.</i>				

Information about Praxis Test Requirements: <https://www.ets.org/praxis/md/test-takers/plan-your-test/certification.html>