

Secondary Science Teacher Certification Requirements

Physics

Master of Arts in Teaching Program

Candidate: _____

Campus ID: _____

<i>All Courses Must be Completed with a C or Better</i>			PROFESSIONAL EDUCATION REQUIREMENTS:		
CONTENT REQUIREMENTS FOR PHYSICS CERTIFICATION	Semester	Grade	<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>		
Intro to Physics I w/lab	_____	_____	EDUCATION CORE COURSES		
Intro to Physics II w/lab	_____	_____		Semester	Grade
Mechanics w/lab	_____	_____	EDUC 601 Human Learning & Cognition (3)	_____	_____
Electricity/Magnetism w/lab	_____	_____	EDUC 602 Instructional Systems Development (3)	_____	_____
Modern Nuclear w/lab	_____	_____	EDUC 650 Education in Cultural Perspective (3)	_____	_____
Optics w/lab	_____	_____	EDUC 658 Literacy in the Content Area I (3)	_____	_____
2 Chemistry (Organic & Inorganic)	_____	_____	EDUC 678 Instructional Strategies/Students with Diverse Needs (3)	_____	_____
	_____	_____	Content Elective (3)	_____	_____
	_____	_____	Content Elective (3)	_____	_____
History of Science	_____	_____			
2 Calculus (Differential & Integral)	_____	_____	PHASE I INTERNSHIP SEMESTER (Fall Only)*		
Biology	_____	_____	EDUC 659 Literacy in the Content Area II (3)	_____	_____
Earth/Space Science	_____	_____	EDUC 629 Instructional Strategies for Teaching Secondary Science (3)	_____	_____
Adolescent or Development Psychology	_____	_____	EDUC 789 Phase I Internship & Seminar (1)	_____	_____
			PHASE II INTERNSHIP SEMESTER (Spring Only)*		
			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>