

**Secondary Science Teacher Certification Requirements**  
**Earth/Space Science**  
**Master of Arts in Teaching Program**

Candidate: \_\_\_\_\_

Campus ID: \_\_\_\_\_

<i>All Courses Must be Completed with a C or Better</i>					
<b>CONTENT REQUIREMENTS FOR EARTH/SPACE SCIENCE CERTIFICATION</b>					
	<b>Semester</b>	<b>Grade</b>	<b>PROFESSIONAL EDUCATION REQUIREMENTS:</b>		
Physical Geography			<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>		
(2) Geology			<b>EDUCATION CORE COURSES</b>	<b>Semester</b>	<b>Grade</b>
			EDUC 601 Human Learning & Cognition (3)		
(2) Physics			EDUC 602 Instructional Systems Development (3)		
			EDUC 650 Education in Cultural Perspective (3)		
Meteorology			EDUC 658 Literacy in the Content Area I (3)		
Biology with a lab			EDUC 678 Instructional Strategies/Students with Diverse Needs (3)		
			EDUC 791P Practicum in Education (3)		
			Content Elective (3)		
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(2) Chemistry					
			<b>PHASE I INTERNSHIP SEMESTER (Fall Only)*</b>		
History of Science (645 or 646)			EDUC 659 Literacy in the Content Area II (3)		
Calculus			EDUC 629 Instructional Strategies for Teaching Secondary Science (3)		
Astronomy			EDUC 789 Phase I Internship & Seminar (1)		
Environmental Studies					
			<b>PHASE II INTERNSHIP SEMESTER (Spring Only)*</b>		
Adolescent or Development Psychology			EDUC 793S Internship Phase II (5)		
			EDUC 797 Internship Seminar (1)		
			<i>*See <a href="https://education.umbc.edu/internship/">https://education.umbc.edu/internship/</a> for internship requirements.</i>		

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