

## Secondary Science Teacher Certification Requirements Chemistry 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 CHEMISTRY CERTIFICATION</b>				
	<b>Semester</b>	<b>Grade</b>	<b>PROFESSIONAL EDUCATION REQUIREMENTS:</b>	
2 Calculus (Differential & Integral)	_____	_____	<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>	
Earth Space or Physical Geography	_____	_____	<b>EDUCATION CORE COURSES</b>	<b>Semester</b>
Intro to Physics I	_____	_____	EDUC 601 Human Learning & Cognition (3)	_____
Intro to Physics II	_____	_____	EDUC 602 Instructional Systems Development (3)	_____
Biology with a lab	_____	_____	EDUC 650 Education in Cultural Perspective (3)	_____
Inorganic Chemistry	_____	_____	EDUC 658 Literacy in the Content Area I (3)	_____
2 General Chemistry with a lab	_____	_____	EDUC 678 Instructional Strategies/Students with Diverse Needs (3)	_____
2 Organic Chemistry	_____	_____	EDUC 791P Practicum in Education (3)	_____
Analytic or Biochemistry	_____	_____	Content Elective (3)	_____
Chemistry I	_____	_____	Content Elective (3)	_____
Chemistry II	_____	_____		_____
Physical Chemistry	_____	_____	<b>PHASE I INTERNSHIP SEMESTER (Fall Only)*</b>	
History of Science (645 or 646)	_____	_____	EDUC 659 Literacy in the Content Area II (3)	_____
Adolescent or Developmental Psychology	_____	_____	EDUC 689 Instructional Strategies for Teaching K-12 Art (3)	_____
	_____	_____	EDUC 789 Phase I Internship & Seminar (1)	_____
	_____	_____	<b>PHASE II INTERNSHIP SEMESTER (Spring Only)*</b>	
	_____	_____	EDUC 793S Internship Phase II (5)	_____
	_____	_____	EDUC 797 Internship Seminar (1)	_____
	_____	_____	EDUC 791P Practicum in Education (3)	_____
<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>