

# Program Checklist

## MAT/Earth Science Adolescence Education

### Grades 7-12

### 40 Credit Hours

Minimum Requirements for Degree (Courses are subject to change)

#### Course Requirements

Course #	Course Name	<input checked="" type="checkbox"/>
LTRC 519	Adolescent Learners and Literacy for the Content Areas	
SEC 500	Foundations of Secondary Education	
SEC 501	Special Education for Content Area Teachers	
SEC 502	English as a Second Language for Content Area Teachers	
SEC 593	Philosophical and Theoretical Foundations in the Pedagogy of Science	
SEC 594	Curriculum and Teaching in Science	
<b>Supervised Student Teaching- 8 Credits</b>		
SEC 590	Pre-service Practicum in Teaching I	
SEC 591	Pre-service Practicum in Teaching II	
<b>Subject Area Courses- 12 Credits</b>		
	12 Credits in Geological Sciences courses	

Additional Certification Requirements (Complete before graduation)		<input checked="" type="checkbox"/>
	Description	
1	Child Abuse Workshop	
2	SAVE Workshop	
3	Fingerprinting- Complete during the beginning of the last semester	
4	Liberal Arts and Sciences Test	
5	Content Specialty Test	
6	Assessment of Teaching Skills- Written (Secondary)	

Graduation Requirements		<input checked="" type="checkbox"/>
	Description	
	Declaration of Candidacy ( <a href="http://gradschool.binghamton.edu/candidacy.htm">http://gradschool.binghamton.edu/candidacy.htm</a> )- Complete during the beginning of the last semester	