

Secondary Science
Master of Arts in Teaching (MAT) Degree Requirements
39 Graduate Credit Hours

Candidate Name: _____

Semester of Program Start: _____ Semester of Program Completion: _____

Admission to the Graduate Certificate in Teaching Program

1. An undergraduate degree from a regionally accredited 4-year institution.																
2. A minimum GPA of 2.7																
3. One of the following: <ul style="list-style-type: none"> a. A relevant undergraduate degree OR b. 24 hours of approved content (21 hours as listed below and three hours from Science Methods in Phase I of Graduate Certificate) <p>*Three credit hours must come from this list:</p> <table border="0"> <tr> <td>Biology</td> <td>Anatomy & Physiology</td> <td>Ecology</td> </tr> <tr> <td>Histology</td> <td>Genetics</td> <td>Botany</td> </tr> <tr> <td>Geology</td> <td>Physical Science</td> <td></td> </tr> <tr> <td>Zoology</td> <td></td> <td></td> </tr> </table> <p>*Six credit hours must come from:</p> <p>Chemistry</p> <p>*Six credit hours must come from:</p> <p>Physics</p> <p>*Six credit hours must come from this list:</p> <table border="0"> <tr> <td>Earth Science</td> <td>Environmental Science</td> <td>Astronomy</td> </tr> </table>	Biology	Anatomy & Physiology	Ecology	Histology	Genetics	Botany	Geology	Physical Science		Zoology			Earth Science	Environmental Science	Astronomy	<p><i>Circle the one that applies:</i></p> <p>Biology, Chemistry, Physics, Earth Science, Geology, Physical Science, Astronomy, Science, Botany, and Genetics</p> <p><i>Completed coursework:</i></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
Biology	Anatomy & Physiology	Ecology														
Histology	Genetics	Botany														
Geology	Physical Science															
Zoology																
Earth Science	Environmental Science	Astronomy														

PHASE I. Graduate Certificate in Teaching for Secondary Science

Requirements (18 hours)

All courses in PHASE I and acceptance in the MAT program must be completed before beginning PHASE 2

	Semester	Grade
MDSK 6162: Planning for K-12 Instruction (3)	_____	_____
SECD 5140: The Secondary School Experience (3)	_____	_____
READ 5255: Integrating Reading and Writing in the Content Areas (3)	_____	_____
EDUC 5100: Diverse Learners (3)	_____	_____
MDSK 5251: Teaching Middle and Secondary School Learners (3)	_____	_____
Final Course in this phase:		
MDSK 6470: Graduate Student Teaching and Internship (formerly MDSK 6161) (3) *This final course is a full-time internship requiring employment as a science teacher in an approved high school or a non-paid placement with a licensed science teacher in a public high school. It requires application and approval during the semester prior to the internship.	_____	_____
All candidates must pass Praxis II Specialty Area exams _____ (date)		
Application for the A license filed in the TEALR office _____ (date)		

Admission to the Master of Arts in Teaching Program

*Applications may be submitted during the last semester of the Graduate Certificate in Teaching Program.		
1. Completion of the Graduate Certificate in Teaching		
2. A minimum graduate GPA of 3.5 in the Graduate Certificate in Teaching		
3. One recommendation from a full-time faculty member who has taught you in the Graduate Certificate in Teaching Program		
PHASE 2: Completion of the MAT Degree		
Requirements (21 hours)		
All courses in PHASE I and acceptance in the MAT program must be completed before beginning PHASE 2		
	Semester	Grade
RSCH 6101: Research Methods (3)	_____	_____
MDSK 6220: Adolescence and Learning (3)	_____	_____
XXXX xxxx: Six hours in Graduate content courses (6)	_____	_____
	_____	_____
MDSK 6351: Advanced Methods in Middle and Secondary Science (3)	_____	_____
<u>Final Courses in Phase II</u>		
MDSK 6260: Teacher Leadership (3)	_____	_____
MDSK 6691: Seminar in Professional Development (3)	_____	_____
Application for candidacy filed with the Graduate School _____ (date)		
Application for graduation filed with the Graduate School _____ (date)		
Report of project/portfolio sent to the Graduate School _____ (date)		
Application for "M" license filed in TEALR Office _____ (date)		