

**Earth/Space Science (9-12) with (5-8) Science****Secondary Education Requirements**

Block One	Course	Cr	Pre-Req / Co-Req
TEGR 510	Education's Place in Society & Fld Exp I	3	
TEGR 512	Human Relations / Multicultural Education	3	
<b>Assessment at Transition Point I: Exploration</b>			
Block Two			
TEGR 530	Psychology for Teaching & Learning	3	Pre: TEGR 510 / Co: TEGR 532
TEGR 532	Fld Exp II: Learning & Teaching	1	Pre: TEGR 510 & Fld Exp I
SPED 750	Survey of Exceptionality	3	
<b>Assessment at Transition Point II: Learning &amp; Teaching</b>			
Block Three			
TEGR 581	C&I: (5-12) Science	4	Pre: TEGR 530 / Co: TEGR 583
TEGR 583	Fld Exp III: Curriculum & Instruction	1	Pre: TEGR 532
TEGR 585	Reading for the 5-12 Teacher	3	
<b>Assessment at Transition Point III: Curriculum &amp; Instruction</b>			
Block Four	<b>Praxis II Exams (PLT #0524) and (Content #0439 &amp; #0571) required for licensure.</b>		
TEGR 660	Clinical Practice & Seminar	7	Pre: Blocks 1-3 & content area courses
<b>Assessment at Transition Point IV: Clinical Practice – Recommendation for Licensure</b>			
<b>Master's Completion</b>			
CIED 500	Educational Research	3	May be taken at any time -- Courses for Master's must be completed within seven years from program entry
	Elective from School of Education	3	

**Required Credits: 34**

9-12 Earth & Space Requirements		5-8 General Science Requirements	
<i>One of the following:</i>		BIOL 101	General Biology (or the sequence BIOL 201, 202, 204)
GEOL 111	Intro Physical Geology	PHYS 101	Physics as a Liberal Arts Student (or PHYS 109 & 110 or PHYS 111 & 112)
GEOL 113	The Earth's Record of Climate	GEOL 111	Intro Physical Geology
GEOL 114	The Science of Natural Disasters	PHYS 104	Astronomy
GEOL 115	Environmental Geology		
<b>Plus:</b>			
BIOL 201	Diversity and Adaptation		
CHEM 111	General Chemistry I		
CHEM 112	General Chemistry II		
GEOL 211	Earth Materials		
GEOL 252	Earth Surface Processes & Geomorphology		
GEOL 260	Regional Geology & Geologic Field Methods		
GEOL 320	Sedimentology & Stratigraphy		
GEOL 340	Fundamentals of the Lithosphere I (Petrology)		
GEOL 360	Fundamentals of the Lithosphere II (Structural Geol)		
GEOL 430	Advanced Earth History		
PHYS 101	Physics as a Liberal Art		
PHYS 104	Astronomy		
<b>Plus either:</b>			
MATH 113 <b>OR</b>	Calculus or Calculus with Review		
MATH 108/109	Calculus with Review I <b>and</b> Calculus w/ Review II		