



Physics (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 Ed	3	

Assessment at Transition Point I: Exploration

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	

Assessment at Transition Point II: Learning & Teaching

Block Three

TEGR 581	C&I: (5-12) Science	4	Pre: TEGR 530 / Co: TEGR 583
TEGR 583	Fld Exp III: Curriculum & Instruction	1	TEGR 532
TEGR 585	Reading for the 5-12 Teacher	3	

Assessment at Transition Point III: Curriculum & Instruction

Block Four *Praxis II Exams (PLT #0524) and (Content #0439 & #0265) required for licensure.*

TEGR 660	Clinical Practice & Seminar	7	Pre: Blocks 1-3 & content area courses
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Assessment at Transition Point IV: Clinical Practice – Recommendation for Licensure

Master's Completion

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 Physics Requirements		5-8 General Science Requirements	
CHEM 111	General Chemistry I	BIOL 101	General Biology (or the sequence BIOL 201, 202, 204)
CHEM 112	General Chemistry II	PHYS 101	Physics as a Liberal Arts Student (or PHYS 109 & 110 or PHYS 111 & 112)
CISC 130	Intro to Programming & Problem Solving in Sciences	GEOL 111	Intro Physical Geology (or one of GEOL 110, 113, 114, 115)
ENGR 350	Intro to Electronics	PHYS 104	Astronomy
GEOL 111	Intro Physical Geology (or one of GEOL 110, 113, 114, 115)		
MATH 113	Calculus I		
MATH 114	Calculus II		
MATH 200	Multivariable Calculus		
MATH 210	Intro to Differential Equations & Systems		
PHYS 104	Astronomy		
PHYS 111	Intro to Classical Physics I		
PHYS 112	Intro to Classical Physics II		
PHYS 215	Foundations of Modern Physics: Atom to Big Bang		
PHYS 225	Applications of Modern Physics: Atom to the Diode		
PHYS 323	Methods of Experimental Physics		
PLUS:	4 add'l credits in PHYS courses other than 101		
BIOL 101	General Biology (or the sequence 201, 202, 204)		