



Physics (9-12) with (5-8) Science

Secondary Education Requirements

Block One	Course	Cr	Pre-Req / Co-Req
EDUC 210	Education's Place in Society & Fld Exp I	4	
(456)	Part I: Inclusion & Belonging	--	
EDUC 212	Human Relations / Multicultural Ed	4	

Assessment at Transition Point I: Exploration (Praxis Exam I, PPST required for Block Two)

Block Two

EDUC 330	Psychology for Teaching & Learning	4	Pre: EDUC 210 / Co: EDUC 332
EDUC 332	Fld Exp II: Learning & Teaching	0	Pre: EDUC 210 & Fld Exp I
(456)	Part II: Inclusion Examples & Strat.	--	
EDUC 355	Reading for the 5-12 Teacher	4	

Assessment at Transition Point II: Learning & Teaching

Block Three

EDUC 381	C&I: (5-12) Science	4	Pre: EDUC 330 / Co: EDUC 383
EDUC 383	Fld Exp III: Curriculum & Instruction	0	Pre: EDUC 332
(456)	Part III: Partnerships	--	

Assessment at Transition Point III: Curriculum & Instruction

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

EDUC 460	Clinical Practice & Seminar	10	Pre: Blocks 1-3 & content area courses
EDUC 456	Inclusive School Community Part IV	2	Concurrent registration 460, 456

Assessment at Transition Point IV: Clinical Practice – Recommendation for Licensure

Required Credits: 32

9-12 Physics Co-Major 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 <i>one of</i> GEOL 110, 113, 114, 115)
ENGR 350	Intro to Electronics	PHYS 104	Astronomy
GEOL 111	Intro Physical Geology (<i>or one of</i> 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)		

****Additional courses required to complete a major in Physics; see catalog**