

Physics with Secondary Education Concentration GeauxTeach

Sample matriculation of required courses for this degree

Freshman		Sophomore		Junior		Senior	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
PHYS 1201 (4) General Physics for Physics Majors (fall only)	PHYS 1202 (4) General Physics for Physics Majors (spring only)	PHYS 2203 (3) Introductory Modern Physics (fall only)	PHYS 2221 (3) Introduction to Mechanics (spring only)	PHYS 2411 (3) Computational Science I (fall only)	PHYS (4+++) Elective (3)		
PHYS 1208 (1) General Physics Lab for Physics Majors (fall only)	PHYS 1209 (1) General Physics Lab for Physics Majors (spring only)	PHYS 2207 (1) Introductory Modern Physics Lab (fall only)	PHYS 3098 (3) Instrumentation Electronics for Scientists (spring only)	PHYS 2231 (3) Electricity and Magnetism (fall only)	PHYS (4+++) Elective (3)		
MATH 1550 (5) Analytic Geometry and Calculus I	MATH 1552 (4) Analytic Geometry and Calculus II	MATH 2057 (3) Multidimensional Calculus III	MATH 2090 (4) Elementary Differential Equations and Linear Algebra			GE Hum (3)	
		CSC 1253 (3) Computer Science I with C++	BIOL 1001 (3) General Biology I or BIOL 1201 (3) Biology for Science Majors I	ASTR 1101 (3) The Solar System or CHEM 1201 (3) General Chem I	ASTR 1102 (3) Stellar Astronomy or CHEM 1202 (3) General Chem II	Additional Elective (3)	
ENGL 1001 (3) English Composition	GE Hum (3) ENGL (2+++)	ENGL 2000 (3) English Composition			GE SS (3)	Additional Elective (3)	
	GE-Arts (3)			Foreign Lang I (4)		Additional Elective (3)	
* SCI 2010 (1) (formerly BASC 2010) Step 1 FEX	* SCI 2011 (1) (formerly BASC 2011) Step 2 FEX	EDCI 2500 (3) Knowing & Learning (GE SS)	EDCI 3550 (3) Classroom Interactions (Spring Only) FEX	PHYS 4005 (3) Research Methods (Fall Only)	PHIL 2786 (3) Perspectives (Spring only) Substitute: GE Hum (3)	EDCI 4500 (3) Instructional Models (Fall Only) FEX	EDCI 3136 (3) Reading in the Content Area EDCI 4006 (9) Student Teaching
14	16	16	16	16	15	12	12

Total 120 credit hours

FEX – Field Experience

*Students who do not take SCI 2010 and SCI 2011 are recommended to take SCI 2012 (2) by their fourth semester. Credit will not be given for SCI 2012 if credit has been earned in SCI 2010 and SCI 2011.