Physics with Secondary Education Concentration (GeauxTeach)

Sample plan of study of required courses for this degree in the College of Science

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 2231** (3) Electricity and Magnetism (fall only)	**PHYS** (4+++) Elective (3)	**PHYS 2411** (3) Computational Science I (fall only)	
PHYS 1208 (1) General Physics Lab for Physics Majors (fall only)	**PHYS 1209** (1) General Physics Lab for Physics Majors (spring only)	**PHYS 2208** (2) Introductory Modern Physics Lab (fall only)	**PHYS 3098** (3) Instrumentation Electronics for Scientists (spring only)	**PHYS 4123** Intermediate Mechanics (3)	**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) Elem. Differential Equations and Linear Algebra				
		CSC 1253 (3) Computer Science I with C++	**BIOL 1001** (3) General Biology I or **BIOL 1201** (3) Biology for Science Majors I	**ASTR 1401** (3) The Planetary Astrophysics or **CHEM 1201** (3) General Chem I	**ASTR 1402** (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 Hum (3)	GE SS (3)	
	GE-Arts (3)			Foreign Lang I (4)		Additional Elective (1)	
SCI 2012 (2) Combo **FEX** **** This can be taken as late as semester 4 ****		EDCI 2500 (3) Knowing & Learning (Fall Only)	Additional Elective (3) **EDCI 2700 Recommended*	EDCI 4720 (3) Reading in the Content Area	EDCI 3550 (3) Classroom Interactions (Spring Only) **FEX**	Additional Elective (2) **MATH 4019 (2) Calc. Internship (Fall only) Recommended*	PHYS 4005 (3) Research Methods (Fall Only)
						Teacher Residency	
						EDCI 4006 (3) Teacher Residency	EDCI 4006 (9) Teacher Residency
15	**15**	**16**	**16**	**16**	**15**	**15**	**12**

Total 120 credit hours
FEX – Field Experience

Subject to change