

A minimum of 125 credits is needed for graduation (or 127 MA 011 is taken). This major requires a minimum of 94 credits. Some major courses may also fulfill Core Requirements.

Requirements for B.S. Degree
Major in PHYSICS with Concentration in Education
 Academic Year 2009-2010

Name: _____

Advisor: _____

			Credits	Grade	Term
PHY	200	College Physics I	4.00	_____	_____
PHY	201	College Physics II	4.00	_____	_____
PHY	202	College Physics III	4.00	_____	_____
PHY	221	Modern Physics	3.00	_____	_____
EGR	210	Circuit Analysis	4.00	_____	_____
EGR	321	Thermodynamics	3.00	_____	_____
ES	113 or 114				
ES	_____	_____	4.00	_____	_____
MA	121	Calculus I	4.00	_____	_____
MA	122	Calculus II	4.00	_____	_____
MA	222	Calculus III	4.00	_____	_____
CS	121	Computer Science I	4.00	_____	_____
CH	105	Fund of Chem: Intro to Molecular Sci	4.00	_____	_____
CH	113	Organic Chemistry I	4.00	_____	_____
BIO	101	Biological Concepts	4.00	_____	_____
BIO	103	Living with the Environment	4.00	_____	_____
ED	106	Early Adolescent/Adolescent Develop/Learning	4.00	_____	_____
ED	151	Early Adolescent & Adolescent Cognition	4.00	_____	_____
ED	241	ELL:Linguistic and Cultural Diversity in the Class	3.00	_____	_____
SED	282	Foundations of Inclusive Education	4.00	_____	_____
ED	305	Methods of Secondary Education	4.00	_____	_____
ED	470	Professional Internship in Secondary Education	12.00	_____	_____
ED	490	Exit Defense of Professional Portfolio	1.00	_____	_____
		<i>(Must include two position papers on the ethical implication of contemporary physics)</i>			
ED	497	Senior Seminar in Secondary Education	4.00	_____	_____
<i>(Not required but strongly recommended elective)</i>					
		<i>ED 161 /162 Integrated Technology I or Technology II</i>	2.00	_____	_____

State Requirement(s) You must complete Two ENGLISH courses and Two MATH courses

Take Two English courses: (One Literature and One Writing)

EN Lit _____	3/4	_____	_____
EN Wri 100 or 150 _____	3/4	_____	_____