

**A minimum of 125 credits is needed for graduation (or 127 if MA 011 is taken).
 This major requires a minimum of 70 credits. Some major courses may also fulfill Core Requirements.**

Requirements for B.S. Degree
Major in PHYSICS
 Academic Year 2009 – 2010

Name: _____

Advisor: _____

MAJOR COURSES	Credits	Grade	Term
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PHYSICS & ENGINEERING DEPARTMENT

PHY	200	College Physics I	4.00	_____	_____
PHY	201	College Physics II	4.00	_____	_____
PHY	202	College Physics III	4.00	_____	_____
PHY	302	Electromagnetism	3.00	_____	_____
PHY	353	Advanced Physics Lab	3.00	_____	_____
PHY	361	App Quantum Mech & Adv Topics in AP	4.00	_____	_____
PHY	491	Research I	2.00	_____	_____
PHY	492	Research II	2.00	_____	_____
EGR	210	Circuit Analysis	4.00	_____	_____
EGR	263	Dynamics	3.00	_____	_____

Take Two of the following Ten Course Options:

(PHY 221, ES 275, EGR 220, EGR 310, EGR 315, EGR 321, EGR 351, EGR 352, EGR 365 or EGR 463)

_____	_____	_____	3/4	_____	_____
_____	_____	_____	3/4	_____	_____

OTHER REQUIRED COURSES

MA	121	Calculus I	4.00	_____	_____
MA	122	Calculus II	4.00	_____	_____
MA	201	Linear Algebra	3.00	_____	_____
MA	222	Calculus III	4.00	_____	_____
MA	321	Differential Equations	4.00	_____	_____
CS	121	Computer Science I	4.00	_____	_____
CH	105	Fundamentals of Chemistry: Intro to Molecular Science	4.00	_____	_____
CH	113	Organic Chemistry I	4.00	_____	_____

* Physics majors may substitute Physics 200 for one of their Natural and Physical Science Core courses.