

Program of Studies for Physics
(For Students entering in Fall 2009)

Standard Program

Freshman Year/Fall Semester	Cr.	Freshman Year/Spring Semester	Cr.
___95.161 Physics I (H)	4	___95.112 Freshman Physics Seminar	1
___96.161 Physics I Lab (H)	2	___95.164 Physics II (H)	4
___42.101 (Gen. Ed.) College Writing I	3	___96.164 Physics II Lab (H)	2
___92.131 Calculus I	4	___42.102 (Gen. Ed.) College Writing II	3
___ . . . (Gen. Ed.) SS	<u>3</u>	___92.132 Calculus II	4
	16 (6)	___ . . . (Gen. Ed.) AH	<u>3</u>
			17 (7)

Sophomore Year/Fall Semester	Cr.	Sophomore Year/Spring Semester	Cr.
___95.269 Physics III (H)	4	___95.210 Intro. Modern Physics	3
___96.261 Physics of Material & Devices	3	___96.262 Prin. Lab Automation	3
___84.121 Chemistry I	3	___84.122 Chemistry II	3
___84.123 Chemistry I Lab	1	___84.124 Chemistry II Lab	1
___92.231 Calculus III	<u>4</u>	___92.234 Differential Equations	3
	15 (7)	___ . . . (Gen. Ed.) SS	<u>3</u>
			16 (6)

Junior Year/Fall Semester	Cr.	Junior Year/Spring Semester	Cr.
___95.353 Electromagnetism I	3	___95.435 Intro to Quantum Mechanics	3
___96.393 Adv. Exper. Physics I	2	___95.338 Physical Optics and Waves	3
___92.221 Linear Algebra I	3	___96.394 Adv. Exper. Physics II	2
___ . . . (Gen. Ed.) SS	3	___92.411 Complex Variables I	3
___ . . . (Gen. Ed.) AH	<u>3</u>	___ . . . Special elective*	<u>3</u>
	14 (5)		14 (8)

Senior Year/Fall Semester	Cr.	Senior Year/Spring Semester	Cr.
___95.413 Mechanics	3	___95.454 Physics Capstone	3
___95.421 Statistical Thermodynamics	3	___ . . . Physics special elective	3
___ . . . Physics special elective	3	___ . . . Special Elective *	3
___ . . . (Gen. Ed.) AH	3	___ . . . Free Elective	3
___ . . . Free Elective	<u>1</u>	___ . . . Free Elective	<u>3</u>
	13 (9)		15 (6)

Minimum Total Credits = 120

Consult the *Schedule of Classes* booklet regarding the General Education (Gen. Ed.) requirements. See your *Faculty Advisor* to determine which courses you should take to fulfill the Gen. Ed. Diversity (D) and Ethics (E) categories. These courses may be taken in any sequence.

*must be an elective from outside the Physics dept.

(x) Number of specified physics credits