

PHYSICS SAMPLE 4-YEAR PLAN

	Fall	Credits	Spring	Credits
First Year	EH 101 Freshmen Composition	3	EH 102 Freshmen Composition	3
	MA 112 Precalculus Algebra	3	MA 113 Precalculus Trigonometry	3
	General Education Requirement	3	General Education Requirement	3
	General Education Requirement	3	General Education Requirement	3
	General Education Requirement	2	General Education Requirement	3
	FYE 101 First Year Experience	1	General Elective	1
		16		16
Second Year	Fall	Credits	Spring	Credits
	MA 171 Calculus A	4	MA 172 Calculus B	4
	PH 110 Frontiers in Science	3	PH 111/114 General Physics w/ Calculus I	3/1
	General Education Requirement	3	General Education Requirement	3
	CH 121/125 General Chemistry I & lab	3/1	CH 123/126 General Chemistry II & lab	3/1
	General Elective	2	General Elective	1
		16		16
Third Year	Fall	Credits	Spring	Credits
	PH 112/115 General Physics w/ Calculus II	3/1	PH 113/116 General Physics w Calculus III	3/1
	MA 201 Calculus C	4	PH 305 Math Methods in Physics	3
	MA 238 Applied Differential Equations	3	PH 251 Special Relativity	1
	General Education Requirement	3	MA 244 Introduction to Linear Algebra	3
	General Elective	2	General Education Requirement	3
			General Elective	2
		16		16
Fourth Year	Fall	Credits	Spring	Credits
	PH 351 Introduction to Modern Physics	3	PH 499 Physics Practicum	3
	PH 3XX or 4XX	3	PH 301 Intermediate Mechanics	3
	PH 3XX or 4XX	3	PH 3XX or 4 XX	3
	MA 3XX or 4XX	3	MA 3XX or 4XX	3
	General Education Requirement	3	General Education Requirement	3
	General Elective	1	General Elective	1
		16		16
TOTAL: 128 +	Required minimum of 128 credits to graduate			

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