

Physics Track Proposed Program of Study

		Fall Semester			Spring Semester		
		Course	Course Title	Hrs.	Course	Course Title	Hrs.
Freshman		EH 101	English Composition	3	EH 102	English Composition	3
		CH 115	General Chemistry I	3	CH 117	General Chemistry II	3
		CH 116	General Chemistry I Lab	1	CH 118	General Chemistry II Lab	1
		MA 125	Calculus I	4	MA 126	Calculus II	4
		MU 120	Music Appreciation	3	PHL 115	Contemporary Moral Issues	3
		NSM 1xx	Freshman Year Experience	1	ARH 101	The Art Experience	3
			Total Credits:	15		Total Credits:	17
Sophomore		PH 221	General Physics I	4	PH 222	General Physics II	4
		MA 227	Calculus III	4	MA 252	Introduction to Differential Equations	3
		EH 216	Introduction to Literature	3	EC 210	Principles of Microeconomics	3
		HY 101	Western Civilization I	3	HY 102	Western Civilization II	3
		PE 11x	Physical Education Elective	1	SOC 100	Introduction to Sociology	3
			Total Credits:	15		Total Credits:	16
Junior		PH 351	Modern Physics I	4	PH 352	Modern Physics II	4
		MA 260	Introduction to Linear Algebra	3	PH 432	Statistical Thermodynamics I	3
		PH 461	Classical Mechanics I	3	PH 462	Classical Mechanics II	3
		PH 420	Math Methods of Physics I	3	MA 261	Introduction to Mathematical Modeling	3
		ANTH 101	Introduction to Cultural Anthropology	3	PH 491	Advanced Physics Lab I	2
			Total Credits:	16		Total Credits:	15
Senior		PH 445	Electromagnetic Theory I	3	PH 446	Electromagnetic Theory II	3
		PH 450	Introduction to Quantum Mechanics I	3	PH 451	Introduction to Quantum Mechanics II	3
		PH 4xx	Advanced Physics Elective	4	PH 4xx	Advanced Physics Elective	3
		MA 3xx or 4 xx level	Advanced Math Elective	3	PH 499	Physics Capstone	4
			Total Credits:	13		Total Credits:	13