

Biophysics Track Proposed Program of Study with a Chemistry Minor

		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
		BY 123	Introductory Biology I	4	BY 124	Introductory Biology II	4
		NSM 1xx	Freshman Year Experience	1			
		Total Credits:			Total Credits:		
		16			15		
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
		CH 235	Organic Chemistry I	3	CH 237	Organic Chemistry II	3
		CH 236	Organic Chemistry I Lab	1	CH 238	Organic Chemistry II Lab	1
		HY 101	Western Civilization I	3	HY 102	Western Civilization II	3
					SOC 100	Introduction to Sociology	3
		Total Credits:			Total Credits:		
		15			17		
Junior		PH 351	Modern Physics I	4	PH 352	Modern Physics II	4
		PHL 115	Contemporary Moral Issues	3	PH 491	Advanced Physics Lab I	2
		PH 475	Biophysics I	3	PH 432	Statistical Thermodynamics I	3
		PH 420	Math Methods of Physics I	3	ANTH 101	Introduction to Cultural Anthropology	3
		CS 101	Computer Science/Technology	3	MA 2xx or above	Math Elective	3
		Total Credits:			Total Credits:		
		16			16		
Senior		PH 445	Electromagnetic Theory I	3	PH 4xx	Advanced Physics Elective	3
		PH 461	Classical Mechanics I	3	PH 499	Physics Capstone	3
		EC 210	Principles of Microeconomics	3	MU 120	Music Appreciation	3
		EH 216	Introduction to Literature	3	CH 4XX	Advanced Chemistry Elective	3
		ARH 101	The Art Experience	3			
		Total Credits:			Total Credits:		
		15			12		