

PHYSICS DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

<i>First Semester</i>		<i>Hours</i>		<i>Second Semester</i>		<i>Hours</i>
COMP 1013	Introduction to Computer Science	3		PHYS 1001	Physics as a Profession	1
ENGL 1123	Freshman Composition I	3		PHYS 2513	University Physics I	3
MATH 1124	Calculus & Analytical Geometry I	4		PHYS 2511	University Physics Lab I	1
POSC 1113	American Government I	3		ENGL 1133	Freshman Composition II	3
COMM 1003	Fundamentals of Speech Communication	3		MATH 2024	Calculus & Analytical Geometry II	4
				CHEM 1013	General Inorganic Chemistry I	3
				CHEM 1011	Inorganic Chemistry Laboratory I	1
Total		16		Total		16

SOPHOMORE YEAR

<i>First Semester</i>		<i>Hours</i>		<i>Second Semester</i>		<i>Hours</i>
PHYS 2523	University Physics II	3		HIST 1323	The U.S.-1876 to Present	3
PHYS 2521	University Physics Lab II	1		MATH 2043	Differential Equations I	3
CHEM 1023	General Inorganic Chemistry II	3		CORE	Creative Arts Option	3
CHEM 1021	Inorganic Chemistry Lab II	1		CORE	Language, Philosophy and Culture Option	3
MATH 2034	Calculus & Analytical Geometry III	4		POSC 1123	American Government II	3
HIST 1313	U.S. to 1876	3				
Total		15		Total		15

JUNIOR YEAR

<i>First Semester</i>		<i>Hours</i>		<i>Second Semester</i>		<i>Hours</i>
PHYS 3103	Mechanics I	3			Technical Elective	3
PHYS 3123	Electricity & Magnetism I	3		PHYS 3163	Mathematical Physics I	3
PHYS 3183	Modern Physics I	3			Specialization Area	3
	Technical Elective	3		PHSC 4011	Earth Science Lab	1
	Specialization Area	3		MATH 3023	Probability and Statistics	3
Total		15		Total		13

SENIOR YEAR

<i>First Semester</i>		<i>Hours</i>		<i>Second Semester</i>		<i>Hours</i>
	Specialization Area	3		CORE	Social or Behavioral Sciences Option	3
	Specialization Area	3			Specialization Area	3
PHYS 4103	Advanced Physics Lab	3			Technical Elective	3
PHYS 4023	Introduction to Quantum Mechanics I	3			Specialization Area	3
	Technical Elective	3		PHYS 4473	Senior Research Project	3
Total		15		Total		15