

Bachelor of Science in Physics (Total Credits: 88)

First Year (Total Credits: 27)

Semester	Course Code	Course Title	Credits
Fall	PHYS 251	Foundations of Physics I	4
	PHYS 290	Foundations of Physics Laboratory	1
	CH 221	General Chemistry I	4
Winter	PHYS 252	Foundations of Physics II	4
	PHYS 290	Foundations of Physics Laboratory	1
	CH 222	General Chemistry II	4
Spring	PHYS 253	Foundations of Physics III	4
	PHYS 290	Foundations of Physics Laboratory	1
	CS 210	Computer Science I	4

Second Year (Total Credits: 20)

Semester	Course Code	Course Title	Credits
Fall	PHYS 351	Foundations of Physics II	4
	PHYS 391	Physics Exp. Data Analysis Lab	4
Winter	PHYS 352	Foundations of Physics II	4
	MATH 282	Several-Variable Calculus II	4
Spring	PHYS 353	Foundations of Physics II	4

Third Year (Total Credits: 16)

Semester	Course Code	Course Title	Credits
Fall	PHYS 412	Mechanics, Electricity, and Magnetism	4
Winter	PHYS 411	Mechanics, Electricity, and Magnetism	4
	PHYS 413	Mechanics, Electricity, and Magnetism	4
Spring	PHYS 422	Electromagnetism	4

Fourth Year (Total Credits: 20)

Semester	Course Code	Course Title	Credits
Fall	PHYS 414	Quantum Physics	4
Winter	PHYS 415	Quantum Physics	4
	PHYS 431	Analog Electronics	4
Spring	PHYS 417	Topics in Quantum Physics	4
	PHYS 432	Digital Electronics	4