

First Year (Total Credits: 40)

Semester	Course Code	Course Title	Credits	Degree(s)
Fall	MATH 203	Analysis and Number Theory	2	Mathematics
	PHYS 251	Foundations of Physics I	4	Physics
	CH 221	General Chemistry I	4	Physics
	CS 122	Intro to Programming	4	Computer Science
Winter	MATH 201	Algebra Math Lab	2	Mathematics
	PHYS 252	Foundations of Physics II	4	Physics
	CH 222	General Chemistry II	4	Physics
	CS 210	Computer Science I	4	Physics, Computer Science
Spring	PHYS 253	Foundations of Physics III	4	Physics
	CS 211	Computer Science II	4	Computer Science
	MATH 202	Geometry Math Lab	2	Mathematics
	MATH 205	Foundations Math Lab	2	Mathematics

Second Year (Total Credits: 40)

Semester	Course Code	Course Title	Credits	Degree(s)
Fall	MATH 282	Several-Variable Calculus II	4	Mathematics
	PHYS 351	Foundations of Physics II	4	Physics
	CS 212	Computer Science III	4	Computer Science
Winter	MATH 342	Elementary Linear Algebra	4	Mathematics
	PHYS 352	Foundations of Physics II	4	Physics
	MATH 231	Elements of Discrete Mathematics I	4	Computer Science
Spring	MATH 307	Intro to Proof	4	Mathematics
	CS 314	Computer Organization	4	Computer Science
	MATH 232	Elements of Discrete Mathematics II	4	Computer Science
	PHYS 353	Foundations of Physics II	4	Physics

Third Year (Total Credits: 40)

Semester	Course Code	Course Title	Credits	Degree(s)
Fall	MATH 316	Fundamentals of Analysis I	4	Mathematics
	PHYS 412	Mechanics, Electricity, and Magnetism	4	Physics
	CS 313	Intermediate Data Structures	4	Computer Science
Winter	MATH 317	Fundamentals of Analysis II	4	Mathematics
	PHYS 411	Mechanics, Electricity, and Magnetism	4	Physics
	CS 315	Intermediate Algorithms	4	Computer Science
	PHYS 413	Mechanics, Electricity, and Magnetism	4	Physics
Spring	CS 330	C/C++ and Unix	4	Computer Science
	MATH 433	Intro to Differential Geometry	4	Mathematics
	PHYS 422	Electromagnetism	4	Physics

Fourth Year (Total Credits: 44)

Semester	Course Code	Course Title	Credits	Degree(s)
Fall	MATH 444	Intro to Abstract Algebra I	4	Mathematics
	PHYS 414	Quantum Physics	4	Physics
	CS 425	Principles of Prog. Lan.	4	Computer Science
Winter	MATH 445	Intro to Abstract Algebra II	4	Mathematics
	PHYS 415	Quantum Physics	4	Physics
	CS 422	Software Methodology I	4	Computer Science
	PHYS 431	Analog Electronics	4	Physics
Spring	MATH 320	Theory of Differential Equations	4	Mathematics
	CS 415	Operating Systems	4	Computer Science
	PHYS 417	Topics in Quantum Physics	4	Physics

