

Mathematics Major + Computing concentration in College of Science - 4 year plan

First Fall	First Spring	Second Fall	Second Spring	Third Fall	Third Spring	Fourth Fall	Fourth Spring
Calculus 1- Math 10550*	Calculus 2- Math 10560*	Calculus 3 - Math 20550*	Math Reas. - Math 20630	Algebra - Math 30710	Real Analysis - Math 30750	Math elective**	Math elective**
Intro Chem. - Chem 10171*	Chem 10172 or Chem 10122*	Linear Alg - Math 20610	ODE - Math 20750	Math elective**	Math elective**	Math elective**	Core Requirement
Mechanics - Phys 10310*	EM - Physics 10320*	Language	Language	Language	Core Requirement	Core Requirement	elective
USEM***	Core Requirement	Core Requirement	Core Requirement	Core Requirement	Core Requirement	Op. Research - MATH 30210	elective
Moreau	Moreau	Fund. of Comp. CSE 20311	Data Str. - CSE 20312	CSE elective^	CSE elective^	CSE elective^	CSE elective^
				1.5 credits of elective			

* these classes may have labs and/or tutorials that are also required

** one of these classes must be at the 40000-level

*** the USEM will satisfy one of the other Core Requirements

^ it is suggested that remaining CSE electives come from one of 4 tracks: Software design, Theory, Theory and compilers, or computer architecture (for more info see GPS "what if" or talk to Math DUS

Core Requirement slots must fill: Writing and Rhetoric; Foundational Theology; Developmental Theology Intro Philosophy, Philo elective or C.A.D.; Art& Lit or advanced language and culture; History or Social Science; Integration or way of knowing not chosen from previous 2