

# B.A. IN COMPUTER SCIENCE

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Code	Title	Credits
<b>Major in Computer Science (B.A.)</b>		
COS 111	Introduction to Programming	4
COS 211	Data Structures	4
COS 235	Computer Systems	4
COS 277	Software Development Fundamentals	4
COS 299	Careers in Mathematics and Computer Science Seminar	0
COS 450	Humans and Computers	2
MAT 124M	Calculus 1 <sup>1</sup>	4
MAT 242	Introduction to Proofs	2
MAT 248	Mathematics of Computer Science	4
Electives from 300-level or above COS courses, MAT 376, PHY 352/PHY 353, or ENR 352/ENR 353 <sup>2</sup>		18-19

Code	Title	Credits
Major		46-47
General Education *		44-52
Electives		24-31
<b>Total Credits</b>		<b>122</b>

<sup>1</sup> Placement at MAT 124M on the Math and Computer Science department placement exam; MAT 121M, concurrent enrollment in MAT 122, or equivalent high school or college course(s) is a prerequisite for this course.

<sup>2</sup> MAT 376's prerequisite is MAT 211 with a C- or higher or MAT 224 with a C- or higher. Prerequisites for ENR 352/ENR 353 and PHY 352/PHY 353 are MAT 223 or MAT 224 and PHY 296/PHY 297 with a C or higher.

\* Courses whose number is followed by a letter fulfill a General Education requirement. Students may not declare a B.A. in Computer Science and a B.S. in Computer Science. Students may not declare a B.A. in Computer Science and a Minor in Computer Science. Students may not declare a B.A. in Computer Science with Software Project Management and a B.A. in Computer Science.