

	Major
Classification	Biology**
<b>Prerequisites</b>	BIO 201 (Foundations of Biological Inquiry + Lab) MAT 127 (Calculus A)
<b>Required</b>	CSC 220 (Computer Science I: Computational Problem Solving) or CSC 250 (Accelerated CS I, II)
<b>Options</b>	Pick 4*
<b>BIO options</b>	BIO 352 (Biostatistics) BIO 370 (Only if Special Topic: Systematic Biology) †BIO 371 (Foundations of Computational Biology) BIO 471 or CSC 471 (Genomics and Bioinformatics)
<b>CHE options</b>	CHE 478 (Only if Special Topics: Computational Biochemistry)
<b>CSC options</b>	CSC 230 (Computer Science II: Data Structures) CSC 270 (Discrete Structures) CSC 448 (Algorithms in Computational Biology)
<b>MAT options</b>	MAT 326 (Differential Equations) MAT 330 (Mathematical Biology) MAT 341 (Computational Mathematics)
<b>PHY options</b>	PHY 336 (Introduction to Biophysics)
Research options 300-level or above	Research (1 unit) in computational or mathematical biology, with approval

Grey: required minor course not required for major

\*The 4 courses can be chosen from the list of options below. Note that students can only count one course (plus one semester of a research course) that is in their major Department. And, per College policy, at most one course can double-count between your major and minor.

\*\*Biology majors can count up to one course in the Mathematics & Statistics or Computer Science Department that is not on the above list, with approval.

† Recommended course that serves as prerequisite for both BIO 471/CSC 471 and CSC 448