	Major
Classification	**Engineering**
Prerequisites	BIO 201 (Foundations of Biological Inquiry + Lab)
	CSC 220 (Computer Science I: Computational Problem Solving) or CSC 215 (Computer Science I for Science and Engineering)
Required	MAT 127 (Calculus A)
Options	**Pick 4***
BIO options	One of BIO 211 (Cell Biology and Biochemistry), BIO 221 (Ecology and Field Biology + Lab), or BIO 231 (Genetics + Lab)
	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)
CHE options	CHE 478 (Only if Special Topics: Computational Biochemistry)
CSC options	CSC 230 (Computer Science II: Data Structures)
	CSC 270 (Discrete Structures)
	CSC 448 (Algorithms in Computational Biology)
MAT options	MAT 326 (Differential Equations)
	MAT 330 (Mathematical Biology)
	MAT 341 (Computational Mathematics)
PHY options	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