Bioinformatics Support Electives for the BCBio Major. Bioinformatics support electives allows students to tailor their degree program to their interests. Choose 3-9 credits from the following list.

Course #	Course Name	Term Offered
BBMB 404	Biochemistry I	F.
BBMB 405	Biochemistry II	S.
BBMB 461	Molecular Biophysics	S.
Biol 328	Molecular and Cellular Biology of Human Diseases	F.
Biol 423	Developmental Biology	S.
Biol 451	Plant Evolution and Phylogeny	F.
Biol 462	Evolutionary Genetics	F.
Biol 465	Morphometric Analysis	Alt. S.
Biol 487	Microbial Ecology	F.
Com S 252	Linux Operating System Essentials	F.
Com S 309	Software Development Practices	F.S.
Com S 319	Software Construction and User Interfaces	F.
Com S 327	Advanced Programing Techniques	F.S.
Com S 363	Introduction to Database Management Systems	F.S.
Com S 425	High Performance Computing for Scientific and Engineering Applications	S.
Com S 426	Introduction to Parallel Algorithms and Programming	F.
Gen 340	Human Genetics	F.S.SS.
Gen 410	Analytical Genetics	S.
Math 207 (or 317)	Matrices and Linear Algebra (Theory of Linear Algebra. Cr 4. F.S.)	F.S.SS.
Math 265	Calculus III	F.S.SS.
Math 266 (or 267)	Elementary Differential Equations (Elementary Differential Equations and Laplace Transforms. Cr. 4, F.S.SS.)	F.S.SS.
Math 304	Combinatorics	F.
Math 314	Graph Theory	S.
Math 373	Introduction to Scientific Computing	F.
Micro 402	Microbial Genetics and Genomics	Alt. F.
Stat 342	Introduction to the Theory of Probability and Statistics II	F.S.
Stat 471	Introduction to Experimental Design	F.S.
Stat 475	Introduction to Multivariate Data Analysis	F.
Stat 474	Introduction to Bayesian Data Analysis	S.
Stat 486	Introduction to Statistical Computing Applications	S.