BS Biology / MS Bioinformatics and Computational Biology (5 years)

First Year			
Fall	18	Spring	17
BIOL 1240/1245: Principles of Biology I+lab	4	BIOL 1260/1265: Principles of Biology II+lab	4
CHEM 1110/1115: General Chemistry I+lab	4	CHEM 1120/1125: General Chemistry II+lab	4
MATH 1510: Calculus I	4	MATH 1300: Stats	3
CSCI 1020: Intro. to CS – Bioinformatics	3	Core: Foreign Language 1010	3
Core: English 1900 or 1940	3	Core: English Literature	3
		BIOL 1950: First-year Mentoring	0

Second Year			
Fall	17	Spring	17
BIOL 3010: Evolutionary Biology	3	BIOL 3030: Principles of Genetics	3
BIOL 3020: Molec/Cell Biology I	3	BIOL 3040: Molec/Cell Biology II	3
CHEM 2430/2435: Organic Chemistry I+lab	4	CHEM 2440/2445: Organic Chemistry II+lab	4
MATH 1520: Calculus II	4	CSCI 1300: Intro. to Obj-Oriented Prog.	4
Core: Foreign Language 1020	3	Core: Philosophy 1050	3
		BIOL 2950: Second-year Mentoring	0

Third Year			
Fall	17	Spring	18
BIOL Elective + EEOB Lab	4	BIOL Elective + CMDB Lab	4
PHYS 1310/1320	4	PHYS 1330/1340	4
MATH 1660: Discrete Mathematics	3	CSCI 2100: Data Structures	4
Core: Philosophy 2050 Ethics	3	Core: Fine and Performing Arts	3
Core: Social Science	3	BIOL: Plant	3

Fourth Year			
Fall	17	Spring	17
BIOL/BIOCHEM Adv or Cell	3	Core: Social Science	3
Core: History 1110	3	Core: History 1120	3
Core: Theology 1000	3	Core: Theology 2xxx	3
BIOL lab (CMDB)	2	BIOL lab (CMDB)	2
BIOL 4700: Molecular Biology (BS+MS)	3	BIOL 5030: Genomics (BS+MS)	3
BCB 5200: Intro. to Bioinformatics I	3	BCB 5250: Intro. to Bioinformatics II	3

Summer	3	
Internship/Research	3	(highly-recommended as summer experience)

Fifth Year			
Fall	9	Spring	6
BCB 5300: Algorithms in Comp. Biology	3	MS Elective	3
Group C choice	3	MS Elective	3
MS Elective	3	Bioinformatics Colloquium	0–1

Note: Students must satisfy the College's Diversity requirements, e.g. through choice of core electives