

## SAMPLE SCHEDULE for CELL/MOL BIOLOGY TRACK

YEAR 1 - FALL SEMESTER			YEAR 1 - SPRING SEMESTER		
Course Number	Course Title	Credits	Course Number	Course Title	Credits
BISC 1115	Introductory Biology: Cells and Molecules	3	BISC 1116	Introductory Biology: Biology of Organisms	3
BISC 1125	Introductory Biology Lab	1	BISC 1126	Introductory Biology Lab	1
CHEM 1111	Introductory Chemistry (w/lab)	4	CHEM 1112	Introductory Chemistry (w/lab)	4
			PHYS 1011/1021/1025	Introductory Physics (w/lab)	4
YEAR 2 - FALL SEMESTER			YEAR 2 - SPRING SEMESTER		
Course Number	Course Title	Credits	Course Number	Course Title	Credits
* BISC 2207	Genetics	3	BISC 2202	Cell Biology	3
CHEM 2151/2153	Organic Chemistr w/lab	4	CHEM 2152/2154	Organic Chemistr w/lab	4
YEAR 3 - FALL SEMESTER			YEAR 3 - SPRING SEMESTER		
Course Number	Course Title	Credits	Course Number	Course Title	Credits
! BISC 2452/2454/3466	Ecology (w/lab if available)	3-4	BISC 2450	Organic Evolution	3
BISC 3209 (& BISC 3208)	Molecular Biology (w/lab if available)	3-4	BISC 2214, 2322 + 2323	SYSTEMS Elective (w/ lab if possible)	3-4
CHEM 3165, BISC 3261	Biochemistry (w/lab if available)	3-4			
YEAR 4 - FALL SEMESTER			YEAR 4 - SPRING SEMESTER		
Course Number	Course Title	Credits	Course Number	Course Title	Credits
BISC 4171	Independent Research	1	BISC 4171W	Independent Research (thesis)	1
MATH 1231/1232, STAT 1127, BISC 2584	QUANTITATIVE Elective	3	BISC 2000, BISC 2330, BISC 2331, BISC 2332 etc.	ORGANISMS Elective (w/lab if possible)	3-4
BISC 2452, BISC 2460, BISC 3458, BISC 3464	ECOLOGY Elective (w/lab If possible)	3-4	OPTIONAL	Elective	3-4

\* It is strongly encouraged that students take BISC 2207 Genetics in Semester 3. Students are cautioned that taking both Genetics and Organic Chemistry in the same semester will be very challenging.

! Students are cautioned that taking three or more science courses in the same semester will be very challenging.