

Bachelor of Science, Biological Sciences Human Biology Emphasis

Four-Year Sample Plan for Catalog Year 2015 - 2016
School of Natural Sciences

Semester 1	Units
MATH 011: Calculus I	4
CHEM 002: General Chemistry I	4
WRI 010: College Reading and Composition	4
BIO 001/001L: Contemporary Biology and Lab	5
	17

Semester 2	Units
MATH 012: Calculus II	4
CHEM 010: General Chemistry II	4
CORE 001: The World at Home	4
BIO 002/002L: Introduction to Molecular Biology and Lab	5
	17

Semester 3	Units
Free Elective	4
CHEM 008/008L: Principles of Organic Chemistry and Lab	4
PHYS 018: Introductory Physics I for Biological Sciences	4
Lower Division Elective (Humanities/Arts)	4
	16

Semester 4	Units
BIO 110: The Cell	4
Computer Science Course	2-4
Statistics Course	4
Lower Division Elective (Social Sciences)	4
	14-16

Semester 5	Units
PHYS 019: Introductory Physics II for Biological Sciences	4
BIO 140: Genetics	4
Upper Division Elective (Communication)	4
UD Science/ENGR Elective (CHEM 100)	3
	15

Semester 6	Units
Evolution BIO Elective	4
BIO 101: Biochemistry I	4
Upper Division Elective (Humanities/Arts/Social Sciences)	4
Free Elective	4
	16

Semester 7	Units
HB Emphasis Elective	4
BIO 161: Human Physiology	5
Free Elective	4
	13

Semester 8	Units
HB Emphasis Elective	4
Psychological Social & Behavioral Elective	4
Free Elective	4
Free Elective	4
	16

Total Program Units 124-126

The four-year plans presented in this sample plan demonstrate the recommended sequencing and timing of the required and elective components within each major. In many cases, a student's academic background will require variations in the timing of the coursework listed in the plan. All students are expected to work with their academic advisor to find their best pathway through the degree requirements of their chosen program.

UC Merced undergraduate degree programs are designed to be completed in eight semesters or four academic years. To meet the normal progress requirement, undergraduate students are expected to enroll in and pass an average of 15 units per semester, completing the 120 units necessary for graduation in four years. An extension of enrollment beyond nine semesters requires the approval of the student's School.