

Microbiology (BI32)



PID **LOWER DIVISION REQUIREMENTS** 1 3 5 **BILD** 43A CHEM **6B** 6C **7L** 40A 40B **MATH** 10A/20A 10B/20B 11 1CL **PHYS** 1AL **1B** 1BL -OR-AND LAB 2A 2B 2C (2BL/2CL/2DL) **UPPER DIVISION REQUIREMENTS** NOTE: ANY GIVEN COURSE CAN ONLY SATISFY ONE MAJOR REQUIREMENT **BICD 100 BIMM 122 BIMM 100 BIMM 121 BIMM 120** BIOCHEMISTRY- Complete one (1) course from the following: BIBC 100, BIBC 102, CHEM 114A, CHEM 114B MICROBIOLOGY (MICRO) CORE-Complete three (3) courses from the following: BICD 140, BIEB 146, 150, 152, BIMM 114, 124, 127, CSE 180 **BIOLOGY LAB(S)** Complete one (1) lab from the following: BIBC 103, 151, BICD 101, 123, 145, BIEB 121, 123, 131, 135, 141, 143, 159, 167 BIMM 101, 143, BIPN 105, 145, BISP 196/197/199 **BIOLOGY ELECTIVE UNITS*** Complete at least six (6) or eight (8) units of upper division coursework offered by UC San Diego School of Biological Sciences. Number of elective units needed are variable depending on the upper-division biology lab selected *Biology elective units may be completed with courses numbered 100-189 taken through UC San Diego's School of Biological Sciences. Elective units may include one quarter of BISP 195, up to four Blxx 194s, and one quarter of either BISP 193 or BISP 196/197/199. Only one BISP 196/197/199 can apply towards the major Minimum Grade Requirement: All courses (except BISP 193, 195, 196, 197, & 199) to be applied toward the major must be taken for a letter grade, earning a C-or better. Biology Residency Requirement: All biology majors must complete at least 20 units of upper-division coursework in the School of Biological Sciences that directly apply towards major requirements while officially enrolled at UC San Diego. Upper-Division Unit Requirement: All UC San Diego students must complete 48 or more units of upper-division coursework within the major.