

## Microbiology (BI32)



NAME  LOWER DIVISION REQUIREMENTS												
BILD			3	G	4 _	71		5		400		
CHE	<b>M</b> 6.	A	_ 6B			<b>7L</b>		_ 40	PA	40B		
МАТ	H 10	A/20A		10B/20E	3		11					
PHY	S 14	A .	1AL	-OR-		1BL		1	ıc	1CL		
	24		2В		2C		AND LA	AB (2BL	/2CL/2DL)			
UPPER DIVISION REQUIREMENTS  NOTE: ANY GIVEN COURSE CAN ONLY SATISFY ONE MAJOR REQUIREMENT												
BICI	D 100		BIMM 100		BIMM 120		ВІМ	M 121		BIMM 122		
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.												
2.0	Minimu	ım Major GPA	Requirement: St			N BISI 1307		Major GP		o curr apply tow	aras are major.	
C-	Minimu	2.0 major GPA to graduate.  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.										
20	Biology	Biology Residency Requirement: All biology majors must complete at least 20 units of upper-division coursework in the School of Biological										
48		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.										