

Molecular and Medical Microbiology, A.B. (formerly Microbiology, A.B.)

(2021-2022)

College of Biological Sciences

Graduation Requirements: 180 units, incl. 64 upper div. units; Min. 2.0 GPA req. in major, depth, & cumulative; 3 quarters of foreign lang.

Residency Requirement: 35 of last 45 units must be completed at UC Davis

All major courses must be taken for a letter grade (excluding courses offered only as P/NP)

NOTE: MIC courses are in the process of transitioning to MMG courses within 1 year.

PREPARATORY SUBJECT MATTER : 45-57 UNITS

(LOWER DIVISION REQUIREMENTS)

Course	Offered	Units	Grade
Biological Sciences (BIS)			
BIS 2A	(F,W,S)	5	_____
BIS 2B	(F,W,S)	5	_____
BIS 2C	(F,W,S)	5	_____

General Chemistry (CHE)

CHE 2A	(F,W)	5	_____
CHE 2B	(W,S)	5	_____

Organic Chemistry (CHE)

CHE 8A	(F,S)	2	_____
CHE 8B	(F,W)	4	_____

OR

CHE 118A	(F,W,S)	4	_____
CHE 118B	(F,W,S)	4	_____
CHE 118C	(F,W,S)	4	_____

Mathematics (MAT)

MAT 17A or 21A	(F,W,S)	4	_____
MAT 17B or 21B	(F,W,S)	4	_____

Physics (PHY)

PHY 1A	(F,W)	3	_____
PHY 1B	(W,S)	3	_____

OR

PHY 7A	(F,W,S)	4	_____
PHY 7B	(F,W,S)	4	_____
PHY 7C	(F,W,S)	4	_____

DEPTH SUBJECT MATTER: 36 UNITS

(UPPER DIVISION REQUIREMENTS)

BIS 101	(F,W,S)	4	_____
BIS 102	(F,W,S)	3	_____
BIS 103	(F,W,S)	3	_____
OR			
BIS 105*	(F,W,S)	3	_____

*if do not take BIS 102 AND 103

DEPTH SUBJECT MATTER (continued)

Microbiology Requirements

MIC 102	(F,W,S)	3	_____
MIC 104L	(F,W)	3	_____
MIC 105	(W)	3	_____
MIC 105L	(W,S)	3	_____
MIC 111	(F)	3	_____

Microbial Genetics (CHOOSE AT LEAST ONE)

MIC 115, 150, 170	_____	_____	_____
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Virology or Immunology (CHOOSE AT LEAST ONE)

MIC 162; MMI 188; PMI 126, 128	_____	_____	_____
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Choose additional course work from the following list to achieve a total of **36 or more units**. **BIS 104, 181, 183; FST 104; MCB 121, 182; SSC 111; MIC 117, 120, 172, 175; upper division microbiology** courses not used in satisfaction of any other requirement; **upper division courses in related fields** relevant to the student's interest and chosen in consultation with the advisor. *No more than three units of variable-unit courses (numbered 192, 198, or 199) may be used for credit in this category.*

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Note: Although a course might be listed in more than one category, that course may satisfy only one requirement in the entire major.

Total Units: _____

For detailed course information such as course titles, descriptions, and prerequisites, please see the [UC Davis General Catalog](#). For current course offerings, please use [Schedule Builder](#). Please note course offerings and degree requirements are subject to change; please consult with a [BASC advisor](#) to ensure graduation requirements are fully met.