## Articulation Agreement by Major

**Effective during the 2018-2019 Academic Year** 

To: University of California, Merced General Catalog, Semester From: Moorpark College General Catalog, Semester

#### **BIOLOGICAL SCIENCES, B.S.**

#### THE SCHOOL OF NATURAL SCIENCES

\*\*Biological Sciences, B.S. offers five emphasis tracks: Molecular and Cell Biology, Ecology and Evolutionary Biology, Human Biology, Developmental Biology, and Microbiology and Immunology. Transfer applicants must choose an emphasis in this major.\*\*

#### REQUIREMENTS FOR ADMISSION

For admission to the Biological Sciences major, students must earn a minimum overall GPA of 2.8 or better, and <u>must</u> complete classes articulated with the following UC Merced courses prior to admission:

- o BIO 1 & 1L (with B or better grades in each course),
- CHEM 2, CHEM 10, CHEM 8 & 8L, CHEM 100
- MATH 11 OR MATH 21, MATH 12 OR MATH 22

Transfer students seeking fall admission should have the following completed by the spring term preceding fall enrollment at UC Merced:

- 1. All minimum admissions requirements including appropriate courses in math and the equivalent of WRI 1 and WRI 10 (see articulation by department on ASSIST.org).
- 2. At least one social science, Humanities or Arts course listed in the general education information for the School of Natural Sciences. Two courses (one from each area) is <u>strongly</u> recommended.
- 3. All major preparation requirements as stated above.

#### ADVANCED PLACEMENT INFORMATION

Advanced Placement (AP) and International Baccalaureate (IB) Examination note:

AP and IB examination credit policies are detailed in the 2017-18 UC Merced general catalog viewable online at:

http://catalog.ucmerced.edu/content.php?catoid=7&navoid=647#AP\_IB

1 of 5 8/2/2018, 2:32 PM

\*ALERT\* It is strongly recommended that you obtain a full transcript of your academic records from each of the colleges and universities you have attended before you start your UC application. Applicants must report ALL grades in ALL courses--transferable and not transferable--from all institutions attended. Applicants are solely responsible for the integrity of their self-reported academic record in the UC application.

Applicants are encouraged to clear any No Pass, D, or F letter grade received in UC Transfer course. Applicants are most competitive in the Admissions Process with fewer withdrawls and/or repeated course work in major preparation.

All course work must be completed with a 'C' or better.

Following these guidelines will assist you to be more competitive for admission to your UC Merced major.

If you have any questions abour UC Merced admissions policy, please email: admissions@ucmerced.edu

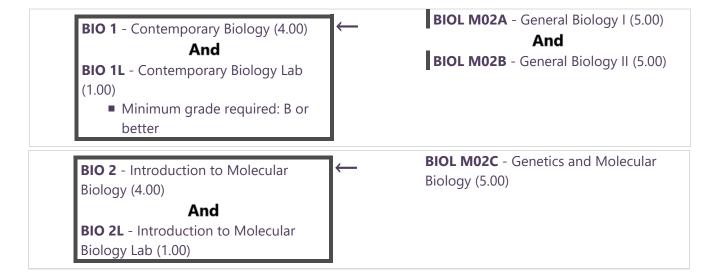
Completion of IGETC is not recommended but is accepted for this major.

All course work must be completed with a letter grade of "C" or better.

For the most up-to-date information about transferring to UC Merced, please visit admissions.ucmerced.edu/transfer requirements.

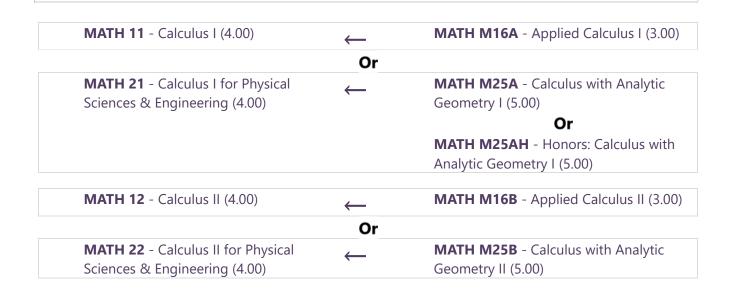
Information about applying for a Transfer Admission Guarantee is available at admissions.ucmerced.edu/tag.

#### LOWER DIVISION MAJOR PREPARATION COURSES



2 of 5 8/2/2018, 2:32 PM

CHEM 2 - General Chemistry I (4.00)	$\leftarrow$	CHEM M01A - General Chemistry I (5.0 Or
		<b>CHEM M01AH</b> - Honors: General Chemistry I (5.00)
CHEM 10 - General Chemistry II (4.00)	$\leftarrow$	CHEM M01B - General Chemistry II (5.0
CHEM 8 - Principles of Organic Chemistry (3.00)  And  CHEM 8L - Principles of Organic Chemistry Lab (1.00)	$\leftarrow$	CHEM M07A - Organic Chemistry I (5.0
CHEM 100 - Organic Synthesis and Mechanism (3.00)  And  CHEM 100L - Organic Chemistry  Laboratory (1.00)  Lab is not required  Lower division credit only	<b>←</b>	CHEM M07B - Organic Chemistry II (5.



# CHOOSE ONE OF THE FOLLOWING: CSE 5 - Introduction to Computer Applications (4.00) CS M01 - Introduction to Computer Science (3.00) Or CIS M140 - Introduction to Information Systems (3.00)

3 of 5 8/2/2018, 2:32 PM

CSE 20 - Introduction to Computing I (2.00)	<b>CS M10A</b> - Introduction to Computer Programming Using Structured C++ (4.00)
	Or
	CS M10J - Introduction to Computer
	Programming Using Java (4.00)
MATH 15 - Introduction to Scientific Data ← Analysis (2.00)	No Course Articulated

CHOOSE ONE OF THE FOLLOWING:				
<b>ENVE 105</b> - Environmental Data Analysis (3.00)	<b>←</b>	No Course Articulated		
MATH 18 - Statistics for Scientific Data Analysis (4.00)	$\leftarrow$	<b>MATH M15</b> - Introductory Statistics (4.00)		
		<b>Or MATH M15H</b> - Honors: Introductory Statistics (4.00)		
MATH 32 - Probability and Statistics (4.00)  ■ Course recommended to be taken	<b>←</b>	No Course Articulated		
at university <b>PSY 10</b> - Analysis of Psychological Data (4.00)	<b>←</b>	No Course Articulated		
PHYS 8 - Introductory Physics I for Physical Sciences (4.00)	<b>←</b>	PHYS M20A - Mechanics of Solids and Fluids (4.00)  And PHYS M20AL - Mechanics of Solids and		
	Or	Fluids Laboratory (1.00)		
<b>PHYS 18</b> - Introductory Physics 1 for Biological Sciences (4.00)	<b>←</b>	No Course Articulated		
<b>PHYS 9</b> - Introductory Physics II for Physical Sciences (4.00)	<b>←</b>	PHYS M20B - Thermodynamics, Electricity and Magnetism (4.00) And		
		<b>PHYS M20BL</b> - Thermodynamics, Electricity and Magnetism Laboratory (1.00)		
PHYS 19 - Introductory Physics II for	Or			
Biological Sciences (4.00)	$\leftarrow$	No Course Articulated		

### **END OF AGREEMENT**

4 of 5