# **Articulation Agreement by Major**

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

To: University of California, Merced General Catalog, Semester From: Columbia 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 must complete classes articulated with the following UC Merced courses prior to admission:

- 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

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\*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

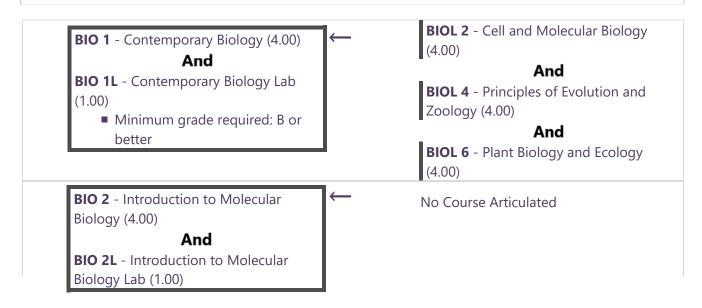
Completion of IGETC is not recommended but is accepted for this major.

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 <u>admissions.ucmerced.edu/transfer\_requirements.</u>

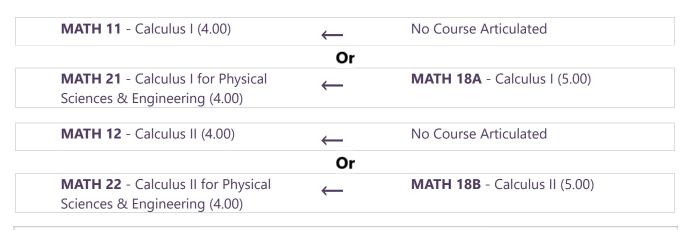
Information about applying for a Transfer Admission Guarantee is available at admissions.ucmerced.edu/taq.

### **LOWER DIVISION MAJOR PREPARATION COURSES**



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CHEM 2 - General Chemistry I (4.00)	$\leftarrow$	CHEM 2A - General Chemistry I (3.0 And
		<b>CHEM 2AL</b> - General Chemistry I Laboratory (2.00)
CHEM 10 - General Chemistry II (4.00)	<b>←</b>	CHEM 2B - General Chemistry II (3.0 And
		<b>CHEM 2BL</b> - General Chemistry II Laboratory (2.00)
CHEM 8 - Principles of Organic Chemistry (3.00)  And	$\overline{}$	CHEM 4A - Organic Chemistry I (3.0 And
		CHEM 4AL - Organic Chemistry I
<b>CHEM 8L</b> - Principles of Organic Chemistry Lab (1.00)		Laboratory (1.00)
CHEM 100 - Organic Synthesis and	_ <b> </b> ←	CHEM 4B - Organic Chemistry II (3.0
Mechanism (3.00)		And CHEM 4BL - Organic Chemistry II
And CHEM 100L - Organic Chemistry		Laboratory (1.00)
Laboratory (1.00)		
■ Lab is not required		
<ul><li>Lower division credit only</li></ul>	1	



## **CHOOSE ONE OF THE FOLLOWING:**

CSE 5 - Intro	oduction to Computer s (4.00)	$\leftarrow$	<b>CCTIS 10</b> - Computer Concepts and Information Systems (4.00)
<b>CSE 20</b> - Int (2.00)	troduction to Computing I	<b>←</b>	CCTPG 22 - Programming Concepts and Methodology I (4.00)  Or  CCTPG 45 - Applied Java Programming (3.00)
MATH 15 - Analysis (2.0	Introduction to Scientific Data 30)	<sup>3</sup> ←	No Course Articulated

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		N. C. A. C. L. L.
<b>ENVE 105</b> - Environmental Data Analysis (3.00)	$\leftarrow$	No Course Articulated
MATH 18 - Statistics for Scientific Data Analysis (4.00)	$\leftarrow$	No Course Articulated
MATH 32 - Probability and Statistics (4.00)	<b>←</b>	No Course Articulated
<ul><li>Course recommended to be taken at university</li></ul>		
<b>PSY 10</b> - Analysis of Psychological Data (4.00)	$\leftarrow$	MATH 2 - Statistics (4.00)

PHYS 8 - Introductory Physics I for	$\leftarrow$	PHYCS 5A - Introductory Physics I:
Physical Sciences (4.00)	,	Calculus Level (with Lab) (4.00)
	Or	
PHYS 18 - Introductory Physics 1 for	<b>←</b>	No Course Articulated
Biological Sciences (4.00)		
PHYS 9 - Introductory Physics II for	$\leftarrow$	PHYCS 5B - Introductory Physics II:
Physical Sciences (4.00)		Calculus Level (with Lab) (4.00)
	Or	
PHYS 19 - Introductory Physics II for		No Course Articulated
<b>PHYS 19</b> - Introductory Physics II for Biological Sciences (4.00)	Or ←	No Course Articulated

# **END OF AGREEMENT**

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