Articulation Agreement by Major

Effective during the 2018-2019 Academic Year

To: University of California, Merced General Catalog, Semester From: Pasadena City 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

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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 coursework 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.

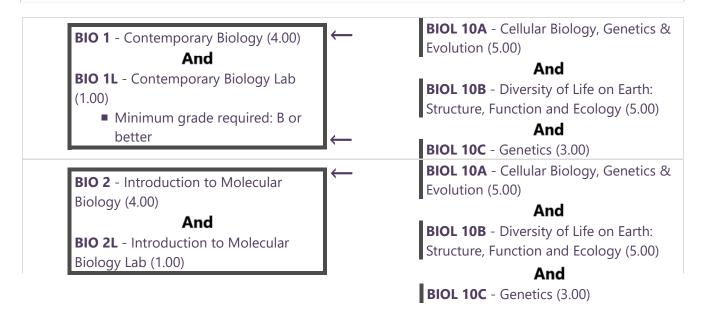
If you have any questions abour UC Merced admissions policy, please email: admissions@ucmerced.edu

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



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CHEM 2 - General Chemistry I (4.00)	_	CHEM 1A - General Chemistry and
		Chemical Analysis (5.00)
CHEM 10 - General Chemistry II (4.00)		CHEM 1B - General Chemistry and
	\leftarrow	Chemical Analysis (5.00)
	_	* ` '
CHEM 8 - Principles of Organic	\leftarrow	CHEM 8A - Organic Chemistry (5.00
Chemistry (3.00)		
And		
CHEM 8L - Principles of Organic		
Chemistry Lab (1.00)	1	
Chemistry Lab (1.00)		
CHEM 100 - Organic Synthesis and	\rightarrow	CHEM 8B - Organic Chemistry (5.00)
Mechanism (3.00)		
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And		
CHEM 100L - Organic Chemistry		
Laboratory (1.00)		
Lab is not required		
Lower division credit only		

\leftarrow	No Course Articulated
Or	
_	MATH 005A - Single Variable Calculus I
	(5.00)
\leftarrow	No Course Articulated
Or	
	MATH 005B - Single Variable Calculus II
	(5.00)
	← ←

CHOOSE ONE OF THE FOLLOWING:

CSE 5 - Introduction to Computer Applications (4.00)	←	No Course Articulated
CSE 20 - Introduction to Computing I (2.00)	\leftarrow	CS 2 - Fundamentals of Computer Science I (4.00)
		Or
		CS 3C - Fundamentals of Computer
		Science II (Python) (4.00)
		Or
		CIS 14 - C++ Programming (3.00)
		Or
		CIS 16 - Java Programming (3.00)

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MATH 15 - Introduction to Scientific Data	No Course Articulated	
Analysis (2.00)		

CHOOSE ONE OF THE FOLLOWING:			
ENVE 105 - 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) ■ Course recommended to be taken at university	\leftarrow	No Course Articulated	
PSY 10 - Analysis of Psychological Data (4.00)	\leftarrow	STAT 050 - Elementary Statistics (4.0) Or	
		STAT 18 - Statistics for Behavioral an Social Sciences (4.00)	
PHYS 8 - Introductory Physics I for Physical Sciences (4.00)		PHYS 1A - General Physics (5.00) And	
		PHYS 1B - General Physics (5.00)	
	Or		
PHYS 18 - Introductory Physics 1 for Biological Sciences (4.00)	←	PHYS 31A - General Physics (5.00)	
PHYS 9 - Introductory Physics II for Physical Sciences (4.00)	←	PHYS 1C - General Physics (5.00)	
	Or		
PHYS 19 - Introductory Physics II for		PHYS 31B - General Physics (5.00)	

END OF AGREEMENT

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