Articulation Agreement by Major

Effective during the 2018-2019 Academic Year

To: University of California, Merced General Catalog, Semester From: Contra Costa 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 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

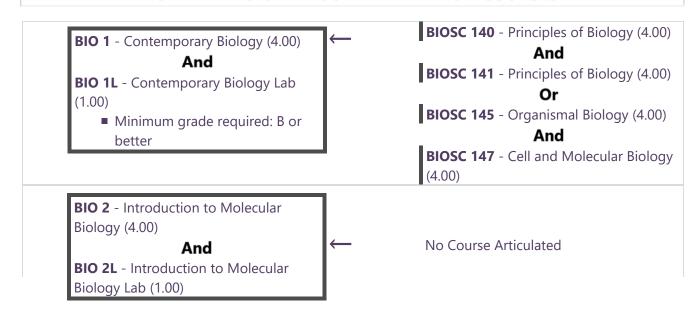
Completion of IGETC is not recommended but is accepted for this major.

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.

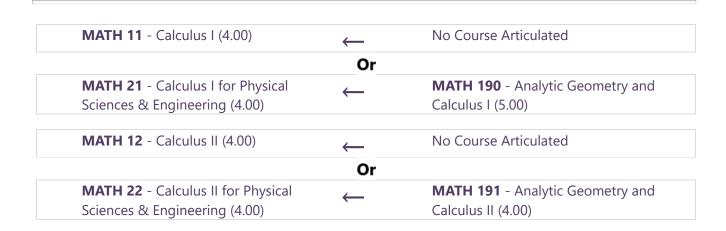
Information about applying for a Transfer Admission Guarantee is available at admissions.ucmerced.edu/tagg.

LOWER DIVISION MAJOR PREPARATION COURSES



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CHEM 2 - General Chemistry I (4.00)	\leftarrow	CHEM 120 - General College Chemistry
CHEM 10 - General Chemistry II (4.00)	\leftarrow	(5.00) CHEM 121 - General College Chemistry (5.00)
CHEM 8 - Principles of Organic Chemistry (3.00) And CHEM 8L - Principles of Organic Chemistry Lab (1.00)	\leftarrow	CHEM 226 - Organic Chemistry I (5.00)
CHEM 100 - Organic Synthesis and Mechanism (3.00) And CHEM 100L - Organic Chemistry Laboratory (1.00) Lab is not required Lower division credit only		CHEM 227 - Organic Chemistry II (5.00)



CSE 5 - Introduction to Computer Applications (4.00) CSE 20 - Introduction to Computing I (2.00) COMP 251 - Fundamentals of Computer Science C++ (4.00) Or ENGIN 160 - Programming Concepts and

CHOOSE ONE OF THE FOLLOWING:

MATH 15 - Introduction to Scientific Data ← No Course Articulated

Analysis (2.00)

Methodologies for Engineers (4.00)

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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)	←	MATH 164 - Introduction to Probabilit and Statistics (4.00)	
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	MATH 164 - Introduction to Probabilit and Statistics (4.00)	
PHYS 8 - Introductory Physics I for Physical Sciences (4.00)	←	PHYS 130 - General Physics I (4.00)	
Physical Sciences (4.00)	← Or		
	← Or ←	PHYS 130 - General Physics I (4.00) PHYS 120H - General College Physics (Honors) (4.00)	
Physical Sciences (4.00) PHYS 18 - Introductory Physics 1 for	← Or ← ←	PHYS 120H - General College Physics	
Physical Sciences (4.00) PHYS 18 - Introductory Physics 1 for Biological Sciences (4.00) PHYS 9 - Introductory Physics II for	← Or ← ← Or	PHYS 120H - General College Physics (Honors) (4.00)	

END OF AGREEMENT

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