Articulation Agreement by Major

Effective during the 2018-2019 Academic Year

To: University of California, Merced General Catalog, Semester From: Fullerton 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

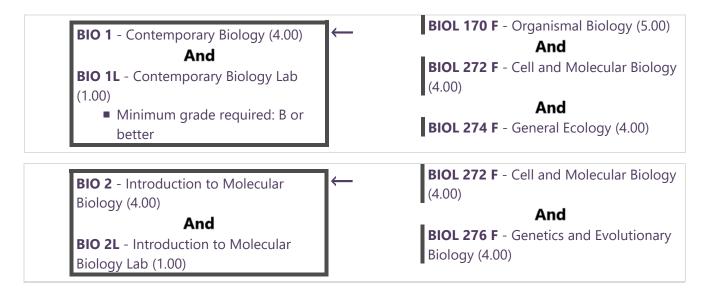
Completion of IGETC is not recommended but is accepted for this major.

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/tag.

LOWER DIVISION MAJOR PREPARATION COURSES



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CHEM 2 - General Chemistry I (4.00)	\leftarrow	CHEM 111AF - General Chemistry I (5
CHEM 10 - General Chemistry II (4.00)	\leftarrow	CHEM 111BF - General Chemistry II (5.00)
CHEM 8 - Principles of Organic Chemistry (3.00)	1 ←	CHEM 211AF - Organic Chemistry I (5
And CHEM 8L - Principles of Organic Chemistry Lab (1.00)		
CHEM 100 - Organic Synthesis and		CHEM 211BF - Organic Chemistry II (5.00)
Mechanism (3.00)		
And		
And CHEM 100L - Organic Chemistry		
And CHEM 100L - Organic Chemistry Laboratory (1.00)		
And CHEM 100L - Organic Chemistry		

MATH 11 - Calculus I (4.00)	←	No Course Articulated
	Or	
MATH 21 - Calculus I for Physical Sciences & Engineering (4.00)	\leftarrow	MATH 151 F - Calculus I (4.00)
MATH 12 - Calculus II (4.00)	←	No Course Articulated
	Or	
MATH 22 - Calculus II for Physical Sciences & Engineering (4.00)	\leftarrow	MATH 152 F - Calculus II (4.00)

CSE 5 - Introduction to Computer Applications (4.00) CSE 20 - Introduction to Computing I (2.00) CIS 223 F - Programming in C++ (3.00) Or CIS 226 F - Java Programming I (4.00) Or CSCI 123 F - Introduction to Programming Concepts in C++ (4.00) Or

CSCI 223 F - "C" Language for Mathematics and Science (4.00)

No Course Articulated

CHOOSE ONE OF THE FOLLOWING:

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MATH 15 - Introduction to Scientific Data ___

Analysis (2.00)

PHYS 222 F - General Physics II (4.00)

PHYS 211 F - Physics with Calculus for

the Life Sciences II (4.00)

CHOOSE ONE OF THE FOLLOWING:				
ENVE 105 - Environmental Data Analysis (3.00)	←	No Course Articulated		
MATH 18 - Statistics for Scientific Data Analysis (4.00)	←	MATH 120 F - Introductory Probability and Statistics (4.00) Or		
		MATH 120HF - Honors Introductory Probability and Statistics (4.00)		
MATH 32 - Probability and Statistics (4.00) ■ Course recommended to be taken at university	←	No Course Articulated		
PSY 10 - Analysis of Psychological Data (4.00)	←	MATH 120 F - Introductory Probability and Statistics (4.00)		
PHYS 8 - Introductory Physics I for Physical Sciences (4.00)		PHYS 221 F - General Physics I (4.00)		
	Or			
PHYS 18 - Introductory Physics 1 for Biological Sciences (4.00)	\leftarrow	PHYS 210 F - Physics with Calculus for the Life Sciences I (4.00)		

END OF AGREEMENT

Or

PHYS 9 - Introductory Physics II for

PHYS 19 - Introductory Physics II for

Physical Sciences (4.00)

Biological Sciences (4.00)

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