Articulation Agreement by Major

Effective during the 2018-2019 Academic Year

To: University of California, Merced General Catalog, Semester From: San Diego Mesa 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

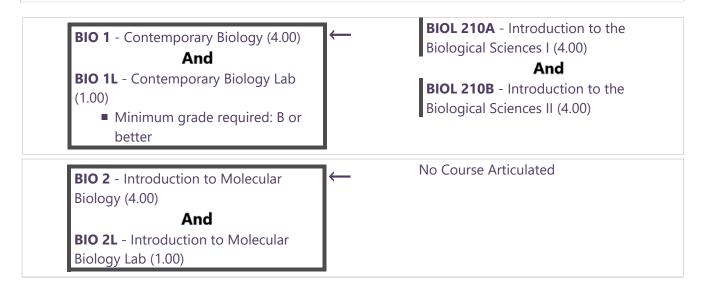
Completion of IGETC is not recommended but is accepted for this major.

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)	←	CHEM 200 - General Chemistry I - Lecture (3.00) And
CHEM 10 - General Chemistry II (4.00)		CHEM 200L - General Chemistry I - Laboratory (2.00) CHEM 201 - General Chemistry II -
, , ,		Lecture (3.00)
		CHEM 201L - General Chemistry II - Laboratory (2.00)
CHEM 8 - Principles of Organic Chemistry (3.00)		CHEM 231 - Organic Chemistry I - Lecture (3.00)
And CHEM 8L - Principles of Organic Chemistry Lab (1.00)		And CHEM 231L - Organic Chemistry I Laboratory (2.00)
CHEM 100 - Organic Synthesis and	⊿ 7←	CHEM 233 - Organic Chemistry II -
Mechanism (3.00) And	<u> </u>	Lecture (3.00) And
CHEM 100L - Organic Chemistry Laboratory (1.00) Lab is not required Lower division credit only		CHEM 233L - Organic Chemistry II Laboratory (2.00)
MATH 11 - Calculus I (4.00)	←	MATH 121 - Basic Techniques of Appl Calculus I (3.00)
	Or	
MATH 21 - Calculus I for Physical Sciences & Engineering (4.00)	\leftarrow	MATH 150 - Calculus with Analytic Geometry I (5.00)
BAATILAD Cala La II (4.00)	←	No Course Articulated
MATH 12 - Calculus II (4.00)	Or	

CHOOSE ONE OF THE FOLLOWING:

CSE 5 - Introduction to Computer Applications (4.00)	←	No Course Articulated
CSE 20 - Introduction to Computing I (2.00)	←	CISC 190 - JAVA Programming (4.00) Or CISC 192 - C/C++ Programming (4.00)
MATH 15 - Introduction to Scientific Data ← Analysis (2.00)		No Course Articulated

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ENVE 105 - Environmental Data Analysis (3.00)	\leftarrow	No Course Articulated
MATH 18 - Statistics for Scientific Data Analysis (4.00)	\leftarrow	MATH 119 - Elementary Statistics (3.00)
MATH 32 - Probability and Statistics (4.00)	←	No Course Articulated
Course recommended to be taken		

CHOOSE ONE OF THE FOLLOWING:

at university

PSY 10 - Analysis of Psychological Data (4.00)

PSYC 258 - Behavioral Science Statistics (3.00)

Or

MATH 119 - Elementary Statistics (3.00)

PHYS 8 - Introductory Physics I for Physical Sciences (4.00)

Or

PHYS 18 - Introductory Physics 1 for Biological Sciences (4.00)

PHYS 9 - Introductory Physics II for Physical Sciences (4.00)

Or

PHYS 19 - Introductory Physics II for Physical Sciences (4.00)

Or

PHYS 19 - Introductory Physics II for Biological Sciences (4.00)

Or

PHYS 19 - Introductory Physics II for Biological Sciences (4.00)

No Course Articulated

No Course Articulated

END OF AGREEMENT

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