Articulation Agreement by Major

Effective during the 2018-2019 Academic Year

To: University of California, Merced General Catalog, Semester From: Cosumnes River 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.

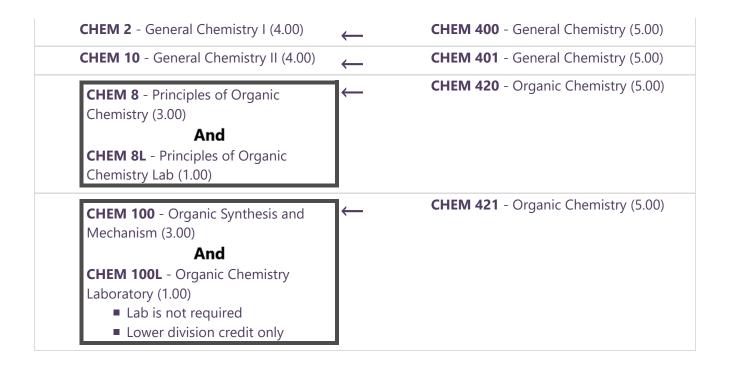
For the most up-to-date information about transferring to UC Merced, please visit <u>admissions.ucmerced.edu/transfer_requirements.</u>

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

LOWER DIVISION MAJOR PREPARATION COURSES

BIOL 400 - Principles of Biology (5.00) **BIO 1** - Contemporary Biology (4.00) And And **BIOL 410** - Principles of Botany (5.00) **BIO 1L** - Contemporary Biology Lab And (1.00)**BIOL 420** - Principles of Zoology (5.00) Minimum grade required: B or better No Course Articulated **BIO 2** - Introduction to Molecular Biology (4.00) And **BIO 2L** - Introduction to Molecular Biology Lab (1.00)

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MATH 11 - Calculus I (4.00)	←	MATH 355 - Calculus for Biology and Medicine I (4.00)
	Or	
MATH 21 - Calculus I for Physical Sciences & Engineering (4.00)		MATH 400 - Calculus I (5.00)
MATH 12 - Calculus II (4.00)	←	No Course Articulated
	Or	
MATH 22 - Calculus II for Physical Sciences & Engineering (4.00)	←	MATH 401 - 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)	CISP 360 - Introduction to Structured 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)	←	No Course Articulated
MATH 18 - Statistics for Scientific Data Analysis (4.00)	\leftarrow	ECON 310 - Economic Statistics (3.00) Or
		STAT 300 - Introduction to Probability 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)	←	PSYC 330 - Introductory Statistics for Behavioral Sciences (3.00) Or
		STAT 300 - Introduction to Probability and Statistics (4.00)

←	PHYS 411 - Mechanics of Solids and
•	Fluids (4.00)
Or	
←	PHYS 370 - Introductory Physics -
`	Mechanics and Thermodynamics (5.00
	DING 404 El
\leftarrow	PHYS 421 - Electricity and Magnetism
	(4.00)
Or	
←	PHYS 380 - Introductory Physics -
•	Electricity and Magnetism, Light and
	Modern Physics (5.00)
	←

END OF AGREEMENT

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