

# Articulation Agreement by Major

Effective during the 2018-2019 Academic Year

To: University of California, Merced  
General Catalog, Semester

From: Sierra College  
General Catalog, Semester

## COGNITIVE SCIENCE, B.S.

### REQUIREMENTS FOR ADMISSION

For admission to the Cognitive Science, B.S. major, students must earn an overall GPA of 2.4 or better, and must complete classes articulated with the following UC Merced courses prior to admission:

- COGS 1 or PSY 1, PSY 10, and MATH 11 or MATH 21 or MATH 12 or MATH 22

Transfer students seeking fall admission should have the following completed by the end of the spring term preceding fall enrollment at UC Merced:

1. All minimum admission requirements including appropriate courses in math and the equivalent of WRI 1 and WRI 10 (see articulation by department on ASSIST.org).
2. 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](http://catalog.ucmerced.edu/content.php?catoid=7&navoid=647#AP_IB)

**\*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 withdrawals 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 about UC Merced admissions policy, please email: [admissions@ucmerced.edu](mailto:admissions@ucmerced.edu)

**\*Please note:** Courses used to satisfy lower-division major preparation may simultaneously satisfy lower-division general education for the School of Social Sciences, Humanities and Arts.

Completion of IGETC is recommended for this major.

For the most up-to-date information about transferring to UC Merced, please visit [admissions.ucmerced.edu/transfer\\_requirements](https://admissions.ucmerced.edu/transfer_requirements). Information about applying for a Transfer Admission Guarantee is available at [admissions.ucmerced.edu/tag](https://admissions.ucmerced.edu/tag).

## LOWER DIVISION MAJOR PREPARATION COURSES

**COGS 1** - Introduction to Cognitive Science (4.00) ←

No Course Articulated

## TWO COURSES FROM THE FOLLOWING:

**COGS 5** - Introduction to Language and Linguistics (4.00) ←

No Course Articulated

**ECON 1** - Introduction to Economics (4.00) ←

**ECON 1A** - Principles of Macroeconomics (3.00)

**And**

**ECON 1B** - Principles of Microeconomics (3.00)

**PHIL 1** - Introduction to Philosophy (4.00) ←

**PHIL 6** - Introduction to Philosophy: Knowledge and Reality (3.00)

**PSY 1** - Introduction to Psychology (4.00) ←

**PSYC 100** - General Principles of Psychology (3.00)

<b>MATH 11</b> - Calculus I (4.00)	←	No Course Articulated
<b>Or</b>		
<b>MATH 21</b> - Calculus I for Physical Sciences & Engineering (4.00)	←	<b>MATH 30</b> - Analytical Geometry and Calculus I (4.00)
<b>PSY 10</b> - Analysis of Psychological Data (4.00)	←	<b>MATH 13</b> - Elementary Statistics (4.00) <b>Or</b> <b>PSYC 142</b> - Introduction to Psychological Statistics (3.00)

### TWO COURSES FROM THE FOLLOWING:

<b>CSE 20</b> - Introduction to Computing I (2.00)	←	<b>CSCI 12</b> - Programming Concepts and Methodology I (3.00) <b>Or</b> <b>CSCI 46</b> - System Programming with C (3.00) <b>Or</b> <b>CSCI 66</b> - Object-Oriented Programming Using C++ (3.00)
<b>CSE 21</b> - Introduction to Computing II (2.00)	←	<b>CSCI 46</b> - System Programming with C (3.00) <b>Or</b> <b>CSCI 66</b> - Object-Oriented Programming Using C++ (3.00)
<b>CSE 30</b> - Data Structures (4.00)	←	<b>CSCI 14</b> - Data Structures (3.00)
<b>CSE 31</b> - Computer Organization and Assembly Language (4.00)	←	Course(s) Denied: CSCI 39;

<b>MATH 12</b> - Calculus II (4.00)	←	No Course Articulated
<b>Or</b>		
<b>MATH 22</b> - Calculus II for Physical Sciences & Engineering (4.00)	←	<b>MATH 31</b> - Analytical Geometry and Calculus II (4.00)

**CHOOSE ONE ADDITIONAL COURSE FROM THE FOLLOWING LIST. THIS REQUIREMENT IS IN ADDITION TO THE COURSES REQUIRED FOR THE GE/BREADTH FOR THE SCHOOL OF SOCIAL SCIENCES, HUMANITIES, AND ARTS**

<b>BIO 1</b> - Contemporary Biology (4.00) <b>And</b> <b>BIO 1L</b> - Contemporary Biology Lab (1.00)	←	<b>BIOL 1</b> - General Biology (4.00) <b>And</b> <b>BIOL 2</b> - Botany (4.50) <b>And</b> <b>BIOL 3</b> - General Zoology (4.50)
---	---	---

<b>CHEM 2</b> - General Chemistry I (4.00) ←	<b>CHEM 1A</b> - General Chemistry I (5.00) <b>Or</b> <b>CHEM 3A</b> - General Chemistry I - Part 1 (3.00) <b>And</b> <b>CHEM 3B</b> - General Chemistry I - Part 2 (3.00)
<b>CHEM 8</b> - Principles of Organic Chemistry (3.00) <b>And</b> <b>CHEM 8L</b> - Principles of Organic Chemistry Lab (1.00) ←	<b>CHEM 12A</b> - Organic Chemistry I (5.00)
<b>PHYS 8</b> - Introductory Physics I for Physical Sciences (4.00) ←	<b>PHYS 205</b> - Principles of Physics: Mechanics (4.00)
<b>PHYS 18</b> - Introductory Physics 1 for Biological Sciences (4.00) ←	No Course Articulated
<b>PHYS 9</b> - Introductory Physics II for Physical Sciences (4.00) ←	<b>PHYS 210</b> - Principles of Physics: Electricity and Magnetism (3.00)
<b>PHYS 19</b> - Introductory Physics II for Biological Sciences (4.00) ←	No Course Articulated

**END OF AGREEMENT**