Articulation
Agreement by Major

Effective during the 2018-2019 Academic Year

To: University of California, Merced
General Catalog, Semester

From: Diablo Valley 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 <u>must</u> 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

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 <u>solely responsible</u> 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**

*Please note: Courses used to satisfy lower-division major preparation may simultaneously satisfy lower-division general education for the School of Social Sciences, Humanites 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.
Information about applying for a Transfer Admission Guarantee is available at 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 220** - Principles of Macroeconomics (3.00) **And** **ECON 221** - Principles of Microeconomics (3.00)
PHIL 1 - Introduction to Philosophy (4.00)	⟵	**PHILO 120** - Introduction to Philosophy (3.00)
PSY 1 - Introduction to Psychology (4.00)	⟵	**PSYCH 101** - Introduction to Psychology (3.00)

MATH 11 - Calculus I (4.00)	←	**MATH 182** - Calculus for Management, Life Science and Social Science I (4.00)

Or

MATH 21 - Calculus I for Physical Sciences & Engineering (4.00)	←	**MATH 192** - Analytic Geometry and Calculus I (5.00)

PSY 10 - Analysis of Psychological Data (4.00)	←	**MATH 142** - Elementary Statistics with Probability (4.00)
		Or
		MATH 94 - Statway I (4.00)
		And
		MATH 144 - Statway II (4.00)

TWO COURSES FROM THE FOLLOWING:

CSE 20 - Introduction to Computing I (2.00)	←	**COMSC 110** - Introduction to Programming (4.00)
		Or
		COMSC 165 - Advanced Programming with C and C++ (4.00)
		Or
		ENGIN 135 - Programming for Scientists and Engineers (4.00)
CSE 21 - Introduction to Computing II (2.00)	←	**COMSC 165** - Advanced Programming with C and C++ (4.00)
		Or
		COMSC 255 - Programming with JAVA (4.00)
		Or
		ENGIN 135 - Programming for Scientists and Engineers (4.00)
CSE 30 - Data Structures (4.00)	←	**COMSC 210** - Program Design and Data Structures (4.00)
CSE 31 - Computer Organization and Assembly Language (4.00)	←	**COMSC 260** - Assembly Language Programming/Computer Organization (4.00)

MATH 12 - Calculus II (4.00)	←	No Course Articulated

Or

MATH 22 - Calculus II for Physical Sciences & Engineering (4.00)	←	**MATH 193** - Analytic Geometry and Calculus II (5.00)

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

BIO 1 - Contemporary Biology (4.00) **And** **BIO 1L** - Contemporary Biology Lab (1.00) ←	**BIOSC 130** - Principles of Cellular and Molecular Biology (5.00) **And** **BIOSC 131** - Principles of Organismal Biology, Evolution and Ecology (5.00)
CHEM 2 - General Chemistry I (4.00) ←	**CHEM 120** - General College Chemistry I (5.00)
CHEM 8 - Principles of Organic Chemistry (3.00) **And** **CHEM 8L** - Principles of Organic Chemistry Lab (1.00) ←	**CHEM 226** - Organic Chemistry I (5.00)
PHYS 8 - Introductory Physics I for Physical Sciences (4.00) ←	**PHYS 130** - Physics for Engineers and Scientists A: Mechanics and Wave Motion (4.00)
PHYS 18 - Introductory Physics 1 for Biological Sciences (4.00) ←	**PHYS 120** - General College Physics I (4.00) **And** **PHYS 124** - Calculus Supplement for Physics 120 (0.50)
PHYS 9 - Introductory Physics II for Physical Sciences (4.00) ←	**PHYS 230** - Physics for Engineers and Scientists B: Heat and Electro-Magnetism (4.00)
PHYS 19 - Introductory Physics II for Biological Sciences (4.00) ←	**PHYS 121** - General College Physics II (4.00) **And** **PHYS 125** - Calculus Supplement for Physics 121 (0.50)

END OF AGREEMENT