Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: University of California, Santa Cruz 2022-2023 General Catalog, Quarter	From: De Anza College 2022-2023 General Catalog, Quarter

Cognitive Science B.S.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meet campus selection criteria. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UC Santa Cruz, please visit the Admissions website: https://admissions.ucsc.edu/attend-ucsc/transfer-students.

This articulation agreement lists course-to-course, sequence-to-sequence or requirement substitutions for preparation in the major. **Transfer students are strongly encouraged to complete as many major preparatory courses as possible prior to enrolling at UCSC. Completion of all major preparatory courses is not an admissions requirement, but some majors require certain courses to be completed prior to transfer with a specified GPA, and completion or near completion of major preparatory courses will help students move more efficiently toward graduation after transfer.**

UC Santa Cruz Advanced Placement (AP) and International Baccalaureate (IB) credit policies are detailed in the link below:

UC Santa Cruz AP/IB Chart 2022-2023

COGNITIVE SCIENCE B.S.

Please visit the department's website for more information about this major: https://psychology.ucsc.edu/index.html

ADMISSION SELECTION CRITERIA

To be considered for admission to the Cognitive Science B.S. major, transfer students must complete equivalents of the following major-preparatory courses with a grade of C (2.0) or better in each course by the end of the spring term prior to transfer, and with an overall GPA of 2.80 or higher in the courses:

One of the following courses:

AM 11A/ECON 11A: Mathematical Methods for Economists I **OR** MATH 11A: Calculus with Applications **OR** MATH 19A: Calculus for Science, Engineering, and Mathematics

One of the following courses:

PSYC 2: Introduction to Psychological Statistics **OR** STAT 5: Statistics **OR** STAT 7/7L: Statistical Methods for the Biological, Environmental, and Health Sciences and Statistical Methods for the Biological, Environmental, and Health Sciences Laboratory

One of the following courses:

ECE 13: Computer Systems and C Programming **OR** CSE 13S: Computer Systems and C Programming **OR** CSE 20: Beginning Programming in Python **OR** CSE 30: Programming Abstractions: Python

In addition to the courses required for transfer admission, it is strongly recommended that transfer students also complete PSYC 20: Cognition: Fundamental Theories.

AP Exam Substitutions

*An AP Calculus AB score of 4 or 5, or Calculus BC score of 3, 4, or 5 can be substituted for the calculus requirement.

*An AP Statistics score of 4 or 5 can substitute for PSYC 2 or STAT 5.

*An AP Computer Science A score of 3, 4, or 5 can be substituted for the programming requirement.

THIS IS A SCREENING MAJOR. For more information on screening major requirements please visit the Admissions website: https://admissions.ucsc.edu/posts/screening-major-selection-criteria

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

Select 1 Course from the following

AM 11A - Mathematical Methods for Economists I (5.00) Same-As: ECON 11A	←	**MATH 12** - Introductory Calculus for Business and Social Science (5.00)
--- Or ---		

MATH 11A - Calculus with Applications (5.00)	←	**MATH 1A** - Calculus (5.00) **--- Or ---** **MATH 1AH** - Calculus - HONORS (5.00)
--- Or ---		
MATH 19A - Calculus for Science, Engineering, and Mathematics (5.00)	←	**MATH 1A** - Calculus (5.00) **--- Or ---** **MATH 1AH** - Calculus - HONORS (5.00)

Select 1 Course from the following

ECE 13 - Computer Systems and C Programming (7.00)	←	No Course Articulated
--- Or ---		
CSE 13S - Computer Systems and C Programming (7.00)	←	**CIS 22B** - Intermediate Programming Methodologies in C++ (4.50) **--- Or ---** **CIS 22BH** - Intermediate Programming Methodologies in C++ - HONORS (4.50) **--- Or ---** **CIS 26A** - C as a Second Programming Language (4.50)
--- Or ---		
CSE 20 - Beginning Programming in Python (5.00)	←	**CIS 40** - Introduction to Programming in Python (4.50) **--- Or ---** **CIS 41A** - Python Programming (4.50)
--- Or ---		
CSE 30 - Programming Abstractions: Python (7.00)	←	**CIS 22C** - Data Abstraction and Structures (4.50) • *Minimum grade required: B or better* **--- Or ---** **CIS 22CH** - Data Abstraction and Structures - HONORS (4.50) • *Minimum grade required: B or better*

Select 1 Course or Combination from the following

PSYC 2 - Introduction to Psychological Statistics (5.00)	←	**PSYC 15** - Statistics and Research Methods in Social Science (4.00) Same-As: SOC 15 **--- Or ---** **SOC 15** - Statistics and Research Methods in Social Science (4.00) Same-As: PSYC 15 **--- Or ---** **MATH 10** - Introductory Statistics (5.00) **--- Or ---** **MATH 10H** - Introductory Statistics - HONORS (5.00)
--- Or ---		
STAT 5 - Statistics (5.00)	←	**MATH 10** - Introductory Statistics (5.00) **--- Or ---** **MATH 10H** - Introductory Statistics - HONORS (5.00) **--- Or ---** **PSYC 15** - Statistics and Research Methods in Social Science (4.00) Same-As: SOC 15 **--- Or ---** **SOC 15** - Statistics and Research Methods in Social Science (4.00) Same-As: PSYC 15
--- Or ---		
STAT 7 - Statistical Methods for the Biological, Environmental, and Health Sciences (5.00) **--- And ---** **STAT 7L** - Statistical Methods for the Biological, Environmental, and Health Sciences Laboratory (2.00)	←	No Course Articulated

STRONGLY RECOMMENDED ADVANCED PREPARATION COURSES

PSYC 20 - Cognition: Fundamental Theories (5.00)	←	**PSYC 3** - An Introduction to Cognitive Psychology (4.00)

END OF AGREEMENT