Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

Psychological and Brain Sciences, B.S.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meeting campus admission selection criteria. Completing the UC transfer admission requirements in English and mathematics by the end of the fall term prior to the fall application quarter makes an applicant more competitive for admission to UCSB. 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 UCSB, please visit the Admissions website: www.admissions.ucsb.edu

This articulation agreement lists course-to-course or sequence-to-sequence substitutions for preparation in the major. **Transfer students are strongly encouraged to complete as many major preparatory courses as possible prior to enrolling at UCSB. 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.**

Please note that the course "equivalencies" do not necessarily apply to UCSB general education. For information concerning satisfaction of UCSB general education requirements, please refer to the General Education/Breadth articulation agreement.

Advanced Placement (AP) and **International Baccalaureate (IB)** exams may or may not be used to meet course requirements, depending on the exam. Please refer to the AP Chart and IB Chart in the UCSB General Catalog for information on how we use AP and IB exams.

TIME TO DEGREE

New UCSB students might need more than two years to graduate if a significant amount of lower-division major preparation is not completed prior to transfer. Students should complete as many of the pre-major (if applicable) and major preparation courses as possible prior to transfer if they wish to graduate within two years after transfer.

PSYCHOLOGICAL AND BRAIN SCIENCES, B.S.

Please visit the department's website to learn more about this major: www.psych.ucsb.edu

PRE-MAJOR INFORMATION

Students are admitted initially to Pre-Psychological and Brain Sciences, not directly to the major. Admission to the full Psychological and Brain Sciences major is contingent upon fulfilling the following requirements:

1. The courses in Area I must be completed with a grade point average of 2.7 or higher in courses completed at the University of California
2. The courses in Area II must be completed with a grade point average of 2.0 or higher in courses completed at the University of California
3. All courses must be completed on a letter-grade basis
4. No course with a grade lower than C- in Area I & II
5. Not more than one course with a C- in Area I & II

Only UC grades go into the Pre-Major GPA. Transfer courses taken outside of UC may satisfy Pre-Major requirements, but they are not part of the Pre-Major GPA.

Because the criteria are subject to annual review and revision, transfer students should contact the department to obtain current information regarding specific additional criteria for admission to the full major. **Admission to the pre-major does not guarantee admission to full major status**.

PRE-MAJOR REQUIREMENTS

Area I courses:

Psychology 1*

Mathematics 34A or 3A*

PSTAT 5A or equivalent*

Psychology 10A and 10B (must be taken at UCSB)*

***** Students must complete **PSY 1, MATH 34A or 3A, PSTAT 5A or equivalent, and CHEM 1A-1B** prior to enrolling in **PSY 10A;** PSY 10A is a prerequisite for PSY 10B. **Transfer students should complete these courses prior to transfer** so they can take PSY 10A at UCSB as soon as possible after transfer.

Area II courses:

Chemistry 1A-1B*

MCDB 6 and EEMB 7 (or MCDB 1A and EEMB 2)

***** Students must complete **PSY 1, MATH 34A or 3A, PSTAT 5A or equivalent, and CHEM 1A-1B** prior to enrolling in **PSY 10A;** PSY 10A is a prerequisite for PSY 10B. **Transfer students should complete these courses prior to transfer** so they can take PSY 10A at UCSB as soon as possible after transfer.

PREPARATION FOR THE MAJOR

Note: The following courses are *not* required to be admitted into the major, but are required to complete the major:

Area III courses:

Four courses from the following: Anthropology 2, 5, 7; Chemistry 1C; Comparative Literature 27; Computer Science 8, 16; Earth Science 2, 3; Economics 1, 2, 9; EEMB 3; Environmental Studies 1, 2, 3; Geography 5; Linguistics 20, 50, 70; MCDB 1B, 20; Mathematics 4A, 4B, 34B (or 3B); Philosophy 3, 4; Physics 1, 2, 3, 6A, 6B, 6C, 20; Political Science 1

PRE-MAJOR REQUIREMENTS - AREA I

****REFER TO TOP OF AGREEMENT****
Recommended to be completed prior to transfer

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

****REFER TO TOP OF AGREEMENT****
Recommended to be completed prior to transfer

MATH 34A - Calculus for Social and Life Sciences (4.00)	←	**MATH 12** - Introductory Calculus for Business and Social Science (5.00)
--- Or ---		
MATH 3A - Calculus with Applications, First Course (4.00)	←	**MATH 1A** - Calculus (5.00) **--- Or ---** **MATH 1AH** - Calculus - HONORS (5.00)

****REFER TO TOP OF AGREEMENT****
Recommended to be completed prior to transfer

PSTAT 5A - Understanding Data (5.00)	←	**MATH 10** - Introductory Statistics (5.00) **--- Or ---** **MATH 10H** - Introductory Statistics - HONORS (5.00) **--- Or ---** **MATH 17** - Integrated Statistics 2 (5.00) **--- Or ---** **MATH 23** - Engineering Statistics (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

****REFER TO TOP OF AGREEMENT****

PSY 10A - Research Methods in Psychological & Brain Sciences (5.00)	←	This course must be taken at the university after transfer
--- And ---		
PSY 10B - Statistical Methods in Psychological & Brain Sciences (5.00)	←	This course must be taken at the university after transfer

PRE-MAJOR REQUIREMENTS - AREA II

****REFER TO TOP OF AGREEMENT****
Recommended to be completed prior to transfer

CHEM 1A - General Chemistry (3.00) **--- And ---** **CHEM 1B** - General Chemistry (3.00)	←	**CHEM 1A** - General Chemistry (5.00) **--- And ---** **CHEM 1B** - General Chemistry (5.00) **--- Or ---** **CHEM 1AH** - General Chemistry - HONORS (5.00) **--- And ---** **CHEM 1BH** - General Chemistry - HONORS (5.00)
--- And ---		
MCDB 1A - Introductory Biology I (4.00) **--- And ---** **EEMB 2** - Introductory Biology II - Ecology and Evolution (3.00)	←	**BIOL 6A** - Form and Function in the Biological World (6.00) **--- And ---** **BIOL 6B** - Cell and Molecular Biology (6.00) **--- And ---** **BIOL 6C** - Ecology and Evolution (6.00) **--- Or ---** **BIOL 6AH** - Form and Function in the Biological World - HONORS (6.00) **--- And ---** **BIOL 6B** - Cell and Molecular Biology (6.00) **--- And ---** **BIOL 6CH** - Ecology and Evolution - HONORS (6.00)

--- Or ---

CHEM 1A - General Chemistry (3.00) **--- And ---** **CHEM 1B** - General Chemistry (3.00)	←	**CHEM 1A** - General Chemistry (5.00) **--- And ---** **CHEM 1B** - General Chemistry (5.00) **--- Or ---** **CHEM 1AH** - General Chemistry - HONORS (5.00) **--- And ---** **CHEM 1BH** - General Chemistry - HONORS (5.00)
--- And ---		
MCDB 6 - Principles of Molecular and Cellular Biology for Brain Sciences (4.00) **--- And ---** **EEMB 7** - Principles of Evolution and Animal Physiology for Brain Sciences (3.00)	←	This Course is Never Articulated

PREPARATION FOR THE MAJOR - AREA III

Select 4 Course(s) from the following

ANTH 2 - Introductory Cultural Anthropology (4.00)	←	**ANTH 2** - Cultural Anthropology (4.00) **--- Or ---** **ANTH 2H** - Cultural Anthropology - HONORS (4.00)
ANTH 5 - Introductory Biological Anthropology (5.00)	←	**ANTH 1** - Physical Anthropology (4.00) **--- Or ---** **ANTH 1H** - Physical Anthropology - HONORS (4.00)
ANTH 7 - Introductory Biosocial Anthropology (4.00)	←	No Course Articulated

CHEM 1C - General Chemistry (3.00)	←	**CHEM 1A** - General Chemistry (5.00) **--- And ---** **CHEM 1B** - General Chemistry (5.00) **--- And ---** **CHEM 1C** - General Chemistry and Qualitative Analysis (5.00) **--- Or ---** **CHEM 1AH** - General Chemistry - HONORS (5.00) **--- And ---** **CHEM 1BH** - General Chemistry - HONORS (5.00) **--- And ---** **CHEM 1CH** - General Chemistry and Qualitative Analysis - HONORS (5.00)
C LIT 27 - Memory: Bridging the Humanities and Neurosciences (3.00)	←	No Course Articulated
CMPSC 8 - Introduction to Computer Science (4.00)	←	**CIS 5** - Swift Programming (4.50) **--- Or ---** **CIS 22A** - Beginning Programming Methodologies in C++ (4.50) **--- Or ---** **CIS 35A** - Java Programming (4.50) **--- Or ---** **CIS 40** - Introduction to Programming in Python (4.50) **--- Or ---** **CIS 41A** - Python Programming (4.50)
CMPSC 16 - Problem Solving with Computers I (4.00)	←	**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 ---** **CIS 26B** - Advanced C Programming (4.50) **--- Or ---** **CIS 26BH** - Advanced C Programming - HONORS (4.50)
EARTH 2 - Principles of Physical Geology (4.00)	←	**GEOL 10** - Introductory Geology (5.00)
EARTH 3 - Principles of Historical Geology (4.00)	←	No Course Articulated
ECON 1 - Principles of Economics-Micro (4.00)	←	**ECON 2** - Principles of Microeconomics (4.00) **--- Or ---** **ECON 2H** - Principles of Microeconomics - HONORS (4.00)
ECON 2 - Principles of Economics-Macro (4.00)	←	**ECON 1** - Principles of Macroeconomics (4.00) **--- Or ---** **ECON 1H** - Principles of Macroeconomics - HONORS (4.00)
ECON 9 - Introduction to Economics (4.00)	←	No Course Articulated
EEMB 3 - Introductory Biology III (3.00)	←	**BIOL 6A** - Form and Function in the Biological World (6.00) **--- And ---** **BIOL 6B** - Cell and Molecular Biology (6.00) **--- And ---** **BIOL 6C** - Ecology and Evolution (6.00) **--- Or ---** **BIOL 6AH** - Form and Function in the Biological World - HONORS (6.00) **--- And ---** **BIOL 6B** - Cell and Molecular Biology (6.00) **--- And ---** **BIOL 6CH** - Ecology and Evolution - HONORS (6.00)

ENV S 1 - Introduction to Environmental Studies (4.00)	←	**E S 1** - Introduction to Environmental Studies (4.00) **--- Or ---** **E S 2** - Introduction to Sustainability (4.00)
ENV S 2 - Introduction to Environmental Science (4.00)	←	**ESCI 1** - Environmental Science (4.00) **--- Or ---** **ESCI 19** - Environmental Biology (5.00)
ENV S 3 - Introduction to the Social and Cultural Environment (4.00)	←	No Course Articulated
GEOG 5 - People, Place and Environment (4.00)	←	**GEO 4** - Cultural Geography (4.00)
LING 20 - Language and Linguistics (4.00)	←	**LING 1** - Introduction to Linguistics (4.00)
LING 50 - Language and Power (4.00)	←	No Course Articulated
LING 70 - Language in Society (4.00)	←	No Course Articulated
MATH 4A - Linear Algebra with Applications (4.00)	←	**MATH 2B** - Linear Algebra (5.00) **--- Or ---** **MATH 2BH** - Linear Algebra - HONORS (5.00)
MATH 4B - Differential Equations (4.00)	←	**MATH 2A** - Differential Equations (5.00) **--- Or ---** **MATH 2AH** - Differential Equations - HONORS (5.00)
MATH 34B - Calculus for Social and Life Sciences (4.00)	←	**MATH 12** - Introductory Calculus for Business and Social Science (5.00)
--- Or ---		
MATH 3B - Calculus with Applications, Second Course (4.00)	←	**MATH 1B** - Calculus (5.00) **--- Or ---** **MATH 1BH** - Calculus - HONORS (5.00)
MCDB 1B - Introductory Biology II - Physiology (3.00)	←	**BIOL 6A** - Form and Function in the Biological World (6.00) **--- And ---** **BIOL 6B** - Cell and Molecular Biology (6.00) **--- And ---** **BIOL 6C** - Ecology and Evolution (6.00) **--- Or ---** **BIOL 6AH** - Form and Function in the Biological World - HONORS (6.00) **--- And ---** **BIOL 6B** - Cell and Molecular Biology (6.00) **--- And ---** **BIOL 6CH** - Ecology and Evolution - HONORS (6.00)
MCDB 20 - Concepts of Biology (4.00)	←	**BIOL 10** - Introductory Biology (5.00) **--- Or ---** **BIOL 10H** - Introductory Biology - HONORS (5.00)
PHIL 3 - Critical Thinking (4.00)	←	**PHIL 7** - Deductive Logic (4.00) **--- Or ---** **PHIL 7H** - Deductive Logic - HONORS (4.00)
PHIL 4 - Introduction to Ethics (4.00)	←	**PHIL 8** - Ethics (4.00) **--- Or ---** **PHIL 8H** - Ethics - HONORS (4.00)
PHYS 1 - Basic Physics (4.00)	←	**PHYS 4A** - Physics for Scientists and Engineers: Mechanics (6.00)
PHYS 2 - Basic Physics (4.00)	←	**PHYS 4A** - Physics for Scientists and Engineers: Mechanics (6.00) **--- And ---** **PHYS 4C** - Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics (6.00)

PHYS 3 - Basic Physics (3.00)	←	**PHYS 4B** - Physics for Scientists and Engineers: Electricity and Magnetism (6.00) **--- And ---** **PHYS 4C** - Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics (6.00)
PHYS 6A - Introductory Physics (3.00)	←	**PHYS 2A** - General Introductory Physics (5.00)
PHYS 6B - Introductory Physics (3.00)	←	**PHYS 2A** - General Introductory Physics (5.00) **--- And ---** **PHYS 2B** - General Introductory Physics (5.00)
PHYS 6C - Introductory Physics (3.00)	←	**PHYS 2C** - General Introductory Physics (5.00)
POL S 1 - Introduction to Political Philosophy (4.00)	←	**POLI 5** - Introduction to Political Thought and Theory (4.00)

END OF AGREEMENT