

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: University of California, Irvine
2022-2023 General Catalog, Quarter

From: De Anza College
2022-2023 General Catalog, Quarter

Biological Sciences, B.S.

GENERAL INFORMATION

Junior-level applicants with the highest grades overall who satisfactorily complete course prerequisites will be given preference for admission.

Required for admission:

All applicants must have a cumulative UC transferable GPA of 3.0 (3.4 for TAG) or higher and complete the following required courses with a grade of C or better:

- One year of biology courses equivalent to UCI's BIO SCI 93 & BIO SCI 94
- One year of general chemistry with laboratory
- One year of organic chemistry with laboratory

Transfer students are advised to complete as many articulated lower-division degree requirements as possible prior to transfer. For information, contact the School of Biological Sciences at (949) 824-5318 or go to - <https://undergraduate.bio.uci.edu/>

NOTE: Once enrolled at UCI, School of Biological Sciences majors may only take UCI courses to satisfy School and Major Requirements.

Important: Articulation of General Chemistry is based on the completion of the **entire** year. Students wishing information on course-to-course equivalencies (semester to quarter) should contact the Physical Sciences Student Affairs Office at: pssazot@uci.edu.

While not a requirement for admission purposes, all School of Biological Sciences students must satisfy the Mathematics Requirement.

Students have three options for completing the Mathematics Requirement before enrolling at UCI:

- 1) Two semesters or Three quarters of Calculus (*equivalent to UCI's MATH 5A and MATH 5B*) **or**
- 2) One semester of Calculus (*equivalent to UCI's MATH 5A*) and one semester of Statistics (*equivalent to UCI's STATS 7 or STATS 8*) **or**
- 3) Two quarters of Calculus (*equivalent to UCI's MATH 5A and MATH 5B*) and one quarter of Statistics (*equivalent to UCI's STATS 7 or STATS 8*)

Option 2 is recommended for students who would like to attend a health professional school.

NOTE: In fulfillment of the requirements below, a single course may be used only once.

For information regarding the [AP and IB examination](#) credit policies refer to the UCI General Catalogue.

For more information regarding the UC Irvine Transfer Admission Guarantee Program, please visit [TAG](#)

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

BIO SCI 93 - DNA to Organisms (4.00)

BIO SCI 94 - Organisms to Ecosystems (4.00)



BIOL 6B - Cell and Molecular Biology (6.00)



BIOL 6A - Form and Function in the Biological World (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 6CH - Ecology and Evolution - HONORS (6.00)

CHEM 1A - General Chemistry (4.00)

--- And ---

CHEM 1B - General Chemistry (4.00)

--- And ---

CHEM 1C - General Chemistry (4.00)

--- And ---

CHEM 1LC - General Chemistry Laboratory (3.00)

--- And ---

CHEM 1LD - General Chemistry Laboratory (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)

CHEM 51A - Organic Chemistry (4.00)

--- And ---

CHEM 51B - Organic Chemistry (4.00)

--- And ---

CHEM 51LB - Organic Chemistry Laboratory (3.00)

--- And ---

CHEM 51C - Organic Chemistry (4.00)

--- And ---

CHEM 51LC - Organic Chemistry Laboratory (3.00)



CHEM 12A - Organic Chemistry (5.00)

--- And ---

CHEM 12B - Organic Chemistry (5.00)

--- And ---

CHEM 12C - Organic Chemistry (5.00)

ADDITIONAL APPROVED COURSES FOR THE MAJOR

BIO SCI 97 - Genetics (4.00)



No Course Articulated

BIO SCI 98 - Biochemistry (4.00)



No Course Articulated

BIO SCI 99 - Molecular Biology (4.00)



No Course Articulated

PHYSICS 3A - Basic Physics I (4.00)

--- And ---

PHYSICS 3B - Basic Physics II (4.00)

--- And ---

PHYSICS 3LB - Basic Physics Laboratory II (1.50)

--- And ---

PHYSICS 3C - Basic Physics III (4.00)

--- And ---

PHYSICS 3LC - Basic Physics Laboratory III (1.50)



PHYS 2A - General Introductory Physics (5.00)

--- And ---

PHYS 2B - General Introductory Physics (5.00)

--- And ---

PHYS 2C - General Introductory Physics (5.00)

--- Or ---

PHYSICS 7C - Classical Physics (4.00)

--- And ---

PHYSICS 7LC - Classical Physics Laboratory (1.00)

--- And ---

PHYSICS 7D - Classical Physics (4.00)

--- And ---

PHYSICS 7LD - Classical Physics Laboratory (1.00)

--- And ---

PHYSICS 7E - Classical Physics (4.00)



PHYS 4A - Physics for Scientists and Engineers: Mechanics (6.00)

--- And ---

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)

MATHEMATICS REQUIREMENT

Mathematics Requirement

- Please refer to additional important General Information section above



MATH 1A - Calculus (5.00)

--- And ---

MATH 1B - Calculus (5.00)

--- And ---

MATH 1C - Calculus (5.00)

--- Or ---

MATH 1A - Calculus (5.00)

--- And ---

MATH 1B - Calculus (5.00)

--- And ---

MATH 10 - Introductory Statistics (5.00)

--- Or ---

MATH 1A - Calculus (5.00)

--- And ---

MATH 1B - Calculus (5.00)

--- And ---

PSYC 15 - Statistics and Research Methods in Social Science (4.00)
Same-As: SOC 15

--- Or ---

MATH 1AH - Calculus - HONORS (5.00)

--- And ---

MATH 1BH - Calculus - HONORS (5.00)

--- And ---

MATH 1CH - Calculus - HONORS (5.00)

--- Or ---

MATH 1AH - Calculus - HONORS (5.00)

--- And ---

MATH 1BH - Calculus - HONORS (5.00)

--- And ---

MATH 10 - Introductory Statistics (5.00)

--- Or ---

MATH 1AH - Calculus - HONORS (5.00)

--- And ---

MATH 1BH - Calculus - HONORS (5.00)

--- And ---

PSYC 15 - Statistics and Research Methods in Social Science (4.00)
Same-As: SOC 15

END OF AGREEMENT