

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

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

Marine & Coastal Science B.S. (Oceans & the Earth System)

INFORMATION AND ADVISORIES

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students also must meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of Spring term prior to Fall enrollment. See the [UC Davis Transfer Admission website](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and Mathematics by the end of Fall term prior to enrollment.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants). Strive to achieve your highest possible GPA in order to be most competitive.

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

- Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- Oceans & the Earth System (College of Letters and Science; Earth and Planetary Sciences)**

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California Community Colleges and works well for students planning to complete undergraduate degrees at UC Davis. See additional details about IGETC in ASSIST. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Students not planning to complete IGETC should contact the Dean's Office of your undergraduate college at UC Davis who determines whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis [General Catalog](#). Quick reference charts for AP and IB are also available [here](#).

MAJOR PREPARATION

- Please carefully review Information and Advisories and Course Articulation Details.

COURSE ARTICULATION DETAILS

- It is highly recommended that students complete an entire Physics series at their Community College that is equivalent to the entire UC Davis Physics 007A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional Physics courses upon arrival at UC Davis and will need to meet with a UC Davis advisor before continuing with Physics.
- **Important note:** Due to the limitations and bugs on the ASSIST platform at this time, it is important to view both the department and major agreements for a complete picture of the articulation arrangements. [Please refer to the appropriate department agreements in conjunction with the major agreement below.](#)

- Please check the UC Transferability Lists on ASSIST for information on any credit limitations.
- **Attention:** Articulation agreements are California Community College *specific*. Lower division courses that are taken at multiple California Community Colleges, including those within a shared district, may articulate differently from what is indicated in the department or major agreements. It is recommended that series courses be completed at the same California Community College. Please contact your California Community College counselor for more information.

PREPARATION COURSES FOR THE MAJOR

Highly recommended to complete the entire series
If the entire sequence is not completed prior to transfer, students must consult an advisor prior to enrollment
Complete entire sequence at same institution prior to transfer

BIS 002A - Introduction to Biology: Essentials of Life on Earth (5.00)	←	BIOL 6B - Cell and Molecular Biology (6.00)
BIS 002B - Introduction to Biology: Principles of Ecology & Evolution (5.00)	←	BIOL 6C - Ecology and Evolution (6.00) --- Or --- BIOL 6CH - Ecology and Evolution - HONORS (6.00)
BIS 002C - Introduction to Biology: Biodiversity & the Tree of Life (5.00)	←	BIOL 6A - Form and Function in the Biological World (6.00) --- Or --- BIOL 6AH - Form and Function in the Biological World - HONORS (6.00)

Select 1 Series from the following

Select courses in consultation with an advisor
Highly recommended to complete the entire series
If the entire sequence is not completed prior to transfer, students must consult an advisor prior to enrollment
Complete entire sequence at same institution prior to transfer

CHE 002A - General Chemistry (5.00)	←	CHEM 1A - General Chemistry (5.00) <ul style="list-style-type: none"> • Effective next fall, this articulation will be revised --- Or --- CHEM 1AH - General Chemistry - HONORS (5.00) <ul style="list-style-type: none"> • Course is articulated in more than one agreement but credit can only apply to one • Effective next fall, this articulation will be revised
CHE 002B - General Chemistry (5.00)	←	CHEM 1B - General Chemistry (5.00) <ul style="list-style-type: none"> • Effective next fall, this articulation will be revised --- Or --- CHEM 1BH - General Chemistry - HONORS (5.00) <ul style="list-style-type: none"> • Course is articulated in more than one agreement but credit can only apply to one • Effective next fall, this articulation will be revised
CHE 002C - General Chemistry (5.00)	←	CHEM 1C - General Chemistry and Qualitative Analysis (5.00) --- Or --- CHEM 1CH - General Chemistry and Qualitative Analysis - HONORS (5.00) <ul style="list-style-type: none"> • Course is articulated in more than one agreement but credit can only apply to one

--- Or ---

CHE 004A - General Chemistry for the Physical Sciences & Engineering (5.00)	←	CHEM 1AH - General Chemistry - HONORS (5.00) <ul style="list-style-type: none"> • Course is articulated in more than one agreement but credit can only apply to one
CHE 004B - General Chemistry for the Physical Sciences & Engineering (5.00)	←	CHEM 1BH - General Chemistry - HONORS (5.00) <ul style="list-style-type: none"> • Course is articulated in more than one agreement but credit can only apply to one
CHE 004C - General Chemistry for the Physical Sciences & Engineering (5.00)	←	CHEM 1CH - General Chemistry and Qualitative Analysis - HONORS (5.00) <ul style="list-style-type: none"> • Course is articulated in more than one agreement but credit can only apply to one

Select 1 Series from the following

Highly recommended to complete the entire series
If the entire sequence is not completed prior to transfer, students must consult an advisor prior to enrollment
Complete entire sequence at same institution prior to transfer

MAT 016A - Short Calculus (3.00)



MATH 1A - Calculus (5.00)

- Credit for articulated courses in one series only

--- Or ---

MATH 1AH - Calculus - HONORS (5.00)

- Credit for articulated courses in one series only

MAT 016B - Short Calculus (3.00)



MATH 1B - Calculus (5.00)

- Credit for articulated courses in one series only

--- Or ---

MATH 1BH - Calculus - HONORS (5.00)

- Credit for articulated courses in one series only

MAT 016C - Short Calculus (3.00)



MATH 1C - Calculus (5.00)

- Credit for articulated courses in one series only

--- Or ---

MATH 1CH - Calculus - HONORS (5.00)

- Credit for articulated courses in one series only

--- Or ---

MAT 017A - Calculus for Biology & Medicine (4.00)



No Course Articulated

MAT 017B - Calculus for Biology & Medicine (4.00)



No Course Articulated

MAT 017C - Calculus for Biology & Medicine (4.00)



No Course Articulated

--- Or ---

MAT 021A - Calculus (4.00)



MATH 1A - Calculus (5.00)

- Credit for articulated courses in one series only

--- Or ---

MATH 1AH - Calculus - HONORS (5.00)

- Credit for articulated courses in one series only

MAT 021B - Calculus (4.00)



MATH 1B - Calculus (5.00)

- Credit for articulated courses in one series only

--- Or ---

MATH 1BH - Calculus - HONORS (5.00)

- Credit for articulated courses in one series only

MAT 021C - Calculus (4.00)



MATH 1C - Calculus (5.00)

- Credit for articulated courses in one series only

--- Or ---

MATH 1CH - Calculus - HONORS (5.00)

- Credit for articulated courses in one series only

Select 1 Series from the following

Select courses in consultation with an advisor

Highly recommended to complete the entire series

If the entire sequence is not completed prior to transfer, students must consult an advisor prior to enrollment
Complete entire sequence at same institution prior to transfer

PHY 007A - General Physics (4.00)



PHYS 2B - General Introductory Physics (5.00)

--- And ---

PHYS 2C - General Introductory Physics (5.00)

- Complete entire sequence at same institution prior to transfer

PHY 007B - General Physics (4.00)	←	PHYS 2B - General Introductory Physics (5.00) <div>--- And ---</div> PHYS 2C - General Introductory Physics (5.00) <ul style="list-style-type: none"> Complete entire sequence at same institution prior to transfer
PHY 007C - General Physics (4.00)	←	PHYS 2B - General Introductory Physics (5.00) <div>--- And ---</div> PHYS 2C - General Introductory Physics (5.00) <ul style="list-style-type: none"> Complete entire sequence at same institution prior to transfer

--- Or ---

PHY 009A - Classical Physics (5.00)	←	PHYS 4A - Physics for Scientists and Engineers: Mechanics (6.00)
PHY 009B - Classical Physics (5.00)	←	PHYS 4C - Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics (6.00)
PHY 009C - Classical Physics (5.00)	←	PHYS 4B - Physics for Scientists and Engineers: Electricity and Magnetism (6.00)

RECOMMENDED

EVE 012 - Life in the Sea (3.00)	←	No Course Articulated
GEL 016 - The Oceans (3.00)	←	GEOL 20 - General Oceanography (4.00)

END OF AGREEMENT