

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

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

Marine Biology B.S.

GENERAL INFORMATION

DATED MATERIAL, SUBJECT TO CHANGE. PLEASE CONSULT CURRENT UCSD GENERAL CATALOG FOR ANY ADDITIONAL INFORMATION.

Effective Fall 2020, transfer major preparation will be required for this major. For details, visit: <http://admissions.ucsd.edu/MajorPrep>. Please also refer to <https://scripps.ucsd.edu/undergrad/how-apply> for additional information.

The courses listed below reflect requirements for transfer major preparation for admission consideration, as well as courses required for the major that may be completed at the community college.

Special Advising Note:

****While not all lower division major requirements are required for transfer major preparation, the Scripps Department encourages Marine Biology transfer students to complete all of the lower-division course work required for the Marine Biology major at the time of transfer.**

The UCSD Scripps Institution of Oceanography Undergraduate Department offers a Marine Biology major leading to a B.S. degree. As a guiding concept, the focus of the marine biology curriculum is an understanding of the biology of marine organisms and the biological and physical processes that affect these organisms, their populations, and their coastal and oceanic ecosystems.

For more information see the Scripps Undergraduate Education Web page at <https://scripps.ucsd.edu/undergrad>

UC San Diego Advanced Placement (AP) and International Baccalaureate (IB) credit policies are detailed in the links below:

Advanced Placement (AP) <https://www.ucsd.edu/catalog/pdf/APC-chart.pdf>

International Baccalaureate (IB) https://catalog.ucsd.edu/_files/international-baccalaureate-credits-chart.pdf

BILD 1 - The Cell (4.00)



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)

BILD 2 - Multicellular Life (4.00)**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)**BILD 3** - Organismic and Evolutionary Biology (4.00)**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)**CHEM 6A** - General Chemistry I (4.00)**CHEM 1A** - General Chemistry (5.00)

--- Or ---

CHEM 1AH - General Chemistry - HONORS (5.00)**CHEM 6B** - General Chemistry II (4.00)**CHEM 1B** - General Chemistry (5.00)

--- Or ---

CHEM 1BH - General Chemistry - HONORS (5.00)**CHEM 6C** - General Chemistry III (4.00)**CHEM 1C** - General Chemistry and Qualitative Analysis (5.00)

--- Or ---

CHEM 1CH - General Chemistry and Qualitative Analysis - HONORS (5.00)**CHEM 7L** - Introductory Inorganic Chemistry Laboratory (4.00)**CHEM 1B** - General Chemistry (5.00)

--- And ---

CHEM 1C - General Chemistry and Qualitative Analysis (5.00)

--- Or ---

CHEM 1BH - General Chemistry - HONORS (5.00)

--- And ---

CHEM 1CH - General Chemistry and Qualitative Analysis - HONORS (5.00)**MATH 10A** - Calculus I (4.00)

No Course Articulated

MATH 10B - Calculus II (4.00)

No Course Articulated

MATH 10C - Calculus III (4.00)

No Course Articulated

--- Or ---

MATH 20A - Calculus for Science and Engineering (4.00)	←	MATH 1A - Calculus (5.00)
		--- Or ---
		MATH 1AH - Calculus - HONORS (5.00)
MATH 20B - Calculus for Science and Engineering (4.00)	←	MATH 1B - Calculus (5.00)
		--- Or ---
		MATH 1BH - Calculus - HONORS (5.00)
MATH 20C - Calculus and Analytic Geometry for Science and Engineering (4.00)	←	MATH 1C - Calculus (5.00)
		--- And ---
		MATH 1D - Calculus (5.00)
		--- Or ---
		MATH 1CH - Calculus - HONORS (5.00)
		--- And ---
		MATH 1DH - Calculus - HONORS (5.00)

PHYS 1A - Mechanics (3.00)	←	PHYS 2A - General Introductory Physics (5.00)
PHYS 1AL - Mechanics Laboratory (2.00)	←	PHYS 2A - General Introductory Physics (5.00)
PHYS 1B - Electricity and Magnetism (3.00)	←	PHYS 2B - General Introductory Physics (5.00)
PHYS 1BL - Electricity and Magnetism Laboratory (2.00)	←	PHYS 2B - General Introductory Physics (5.00)
PHYS 1C - Waves, Optics, and Modern Physics (3.00)	←	PHYS 2C - General Introductory Physics (5.00)
PHYS 1CL - Waves, Optics, and Modern Physics Laboratory (2.00)	←	PHYS 2C - General Introductory Physics (5.00)
--- Or ---		
PHYS 2A - Physics - Mechanics (4.00)	←	PHYS 4A - Physics for Scientists and Engineers: Mechanics (6.00)
PHYS 2B - Physics - Electricity and Magnetism (4.00)	←	PHYS 4B - Physics for Scientists and Engineers: Electricity and Magnetism (6.00)
PHYS 2C - Physics - Fluids, Waves, Thermodynamics, and Optics (4.00)	←	PHYS 4C - Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics (6.00)

SIO 90 - Undergraduate Seminar (1.00)	←	This course must be taken at the university after transfer
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END OF AGREEMENT