Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

Environmental Science/B.S.

IMPORTANT MAJOR INFORMATION

Listed below are the lower division preparation courses for the major. To be considered for this major, you must complete the following highlighted coursework by the end of spring before transfer: one course in statistics, one course in introduction to environmental science or intro to earth science; one year of calculus; one year of general chemistry with lab, one year of biology with lab for the major (evolution, cellular), and one year of calculus based physics to include (mechanics, electricity, and magnetism). In addition, two courses are strongly recommended from the following depending on the concentration: one semester of organic chemistry, third semester of calculus, third semester of calculus-based physics and general biology with lab for the major (molecular). All courses must be taken for a letter grade. For more information regarding this major and UCLA's transfer selection process, visit https://ioes.ucla.edu and https://ioes.ucla.edu and https://ioes.ucla.edu.

PLEASE NOTE: the community college courses listed below have been approved to satisfy the preparation for this major at UCLA, but they may not be exact equivalents of the UCLA courses listed.

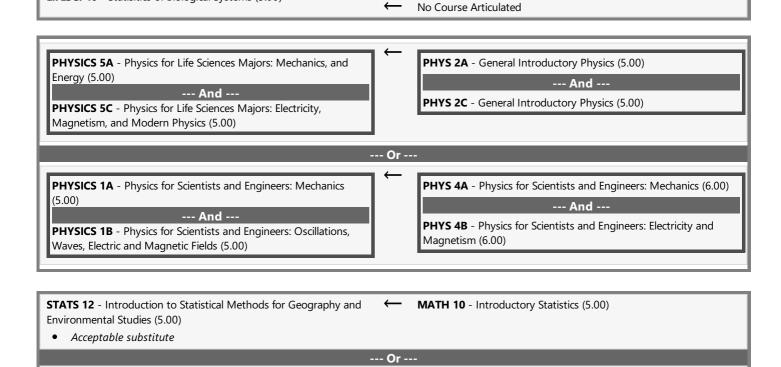
ADDITIONAL NOTES

The Calculus for Life Sciences courses listed below have been approved as substitutes for UCLA's Math 3ABC series through Spring 2019. However, students may be required to complete additional math courses after transfer to satisfy this requirement.

LOWER DIVISION MAJOR PREPARATION COURSES

CHEM 20A - Chemical Structure (4.00) And CHEM 20B - Chemical Energetics and Change (4.00) And CHEM 20L - 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)	
ENVIRON 10 - Introduction to Environmental Science (4.00)	←	No Course Articulated	
GEOG 7 - Introduction to Geographic Information Systems (5.00)	<u> </u>	No Course Articulated	
LIFESCI 7A - Cell and Molecular Biology (5.00)	<u> </u>	BIOL 6B - Cell and Molecular Biology (6.00)	
And			
LIFESCI 7B - Genetics, Evolution, and Ecology (5.00)	←	BIOL 6C - Ecology and Evolution (6.00) Or	
		BIOL 6CH - Ecology and Evolution - HONORS (6.00)	

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MATH 3A - Calculus for Life Sciences Students (4.00)	← No Course Articulated		
And			
MATH 3B - Calculus for Life Sciences Students (4.00)	← No Course Articulated		
Or			
MATH 31A - Differential and Integral Calculus (4.00) And MATH 31B - Integration and Infinite Series (4.00)	MATH 1A - Calculus (5.00) And MATH 1B - Calculus (5.00)		
LIFESCI 30A - Mathematics for Life Scientists (5.00)	← No Course Articulated		
LIFESCI 30B - Mathematics for Life Scientists (5.00)	← No Course Articulated		



LIFESCI 40 - Statisitics of Biological Systems (5.00)

STATS 13 - Introduction to Statistical Methods for Life and Health

Sciences (5.00)

Acceptable substitute

END OF AGREEMENT

MATH 10 - Introductory Statistics (5.00)