Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

PHYSICS 1A - Physics for Scientists and Engineers: Mechanics (5.00)

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

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

Mathematics of Computation/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 four semesters/five quarters calculus through multivariable and either linear algebra or differential equations by the end of spring before transfer. All courses must be taken for a letter grade. For more information regarding this major and UCLA's transfer selection process, visit www.math.ucla.edu and https://admission.ucla.edu.

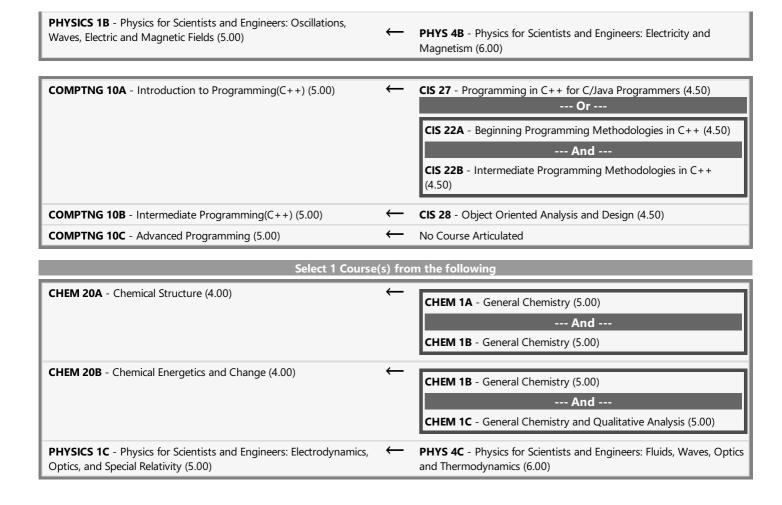
PLEASE NOTE: the community college courses listed below have been approved to satisfy the preparation requirements for this major at UCLA, but they may not be exact equivalents of the UCLA courses listed.

ADDITIONAL RECOMMENDED MAJOR PREPARATION

Additional recommended courses prior to transfer include: completion of the full calculus series (encompassing single variable, multivariable, linear algebra and differential equations) and one introductory course in C++.

LOWER DIVISION MAJOR REQUIREMENTS

MATH 31A - Differential and Integral Calculus (4.00)	\leftarrow	MATH 1A - Calculus (5.00)
Or		
MATH 31AL - Differential and Integral Calculus Laboratory (5.00)	←	No Course Articulated
MATH 31B - Integration and Infinite Series (4.00)	←	MATH 1B - Calculus (5.00)
		And
		MATH 1C - Calculus (5.00)
		Or
		MATH 1B - Calculus (5.00)
		And
		MATH 1CH - Calculus - HONORS (5.00)
		Or
		MATH 1BH - Calculus - HONORS (5.00)
		And
		MATH 1C - Calculus (5.00)
		Or
		MATH 1BH - Calculus - HONORS (5.00)
		And
		MATH 1CH - Calculus - HONORS (5.00)
	\leftarrow	
MATH 32A - Calculus of Several Variables (4.00) And		MATH 1C - Calculus (5.00)
MATH 32B - Calculus of Several Variables (4.00)		And
		MATH 1D - Calculus (5.00)
MATH 33A - Linear Algebra and Applications (4.00)	\leftarrow	MATH 2B - Linear Algebra (5.00)
MATH 33B - Differential Equations (4.00)	\leftarrow	MATH 2A - Differential Equations (5.00)
MATH 61 - Introduction to Discrete Structures (4.00)	←	MATH 22 - Discrete Mathematics (5.00)



END OF AGREEMENT