

# 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

## Geophysics/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 courses by the end of spring term before transfer: one introductory course in Earth Sciences with lab, one general physics course with lab for majors, and one year of calculus.** A third semester of calculus and a second semester of calculus-based physics with lab are recommended. All courses must be taken for a letter grade. **For more information regarding this major and UCLA's transfer selection process, visit <https://epss.ucla.edu> and <https://admission.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 RECOMMENDED PREPARATION

**Additional recommended courses prior to transfer include: a third semester of calculus and a second semester of calculus based physics with lab.**

### LOWER DIVISION MAJOR REQUIREMENTS

**EPS SCI 51** - Mineralogy: Earth and Planetary Materials (4.00)

← No Course Articulated

**EPS SCI 61** - Geologic Maps (4.00)

← No Course Articulated

**EPS SCI M71** - Introduction to Computing for Geoscientists (4.00)

← No Course Articulated

**MATH 31A** - Differential and Integral Calculus (4.00)

--- And ---

**MATH 31B** - Integration and Infinite Series (4.00)

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**MATH 1A** - Calculus (5.00)

--- And ---

**MATH 1B** - Calculus (5.00)

**MATH 32A** - Calculus of Several Variables (4.00)

--- And ---

**MATH 32B** - Calculus of Several Variables (4.00)

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**MATH 1C** - Calculus (5.00)

--- And ---

**MATH 1D** - Calculus (5.00)

**MATH 33A** - Linear Algebra and Applications (4.00)

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**MATH 2B** - Linear Algebra (5.00)

**MATH 33B** - Differential Equations (4.00)

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**MATH 2A** - Differential Equations (5.00)

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

--- And ---

**PHYSICS 1B** - Physics for Scientists and Engineers: Oscillations, Waves, Electric and Magnetic Fields (5.00)

--- And ---

**PHYSICS 1C** - Physics for Scientists and Engineers: Electrodynamics, Optics, and Special Relativity (5.00)

--- And ---

**PHYSICS 4AL** - Physics Laboratory for Scientists and Engineers: Mechanics (2.00)

--- And ---

**PHYSICS 4BL** - Physics Laboratory for Scientists and Engineers: Electricity and Magnetism (2.00)

- Articulates as a sequence only

**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)

--- And ---

## EARTH SCIENCE

Select 1 Course(s) from the following

**EPS SCI 1** - Introduction to Earth Science (5.00)



**GEOL 10** - Introductory Geology (5.00)

--- Or ---

**EPS SCI 3** - Astrobiology (5.00)



No Course Articulated

--- Or ---

**EPS SCI 5** - Environmental Geology of Los Angeles (4.00)



No Course Articulated

--- Or ---

**EPS SCI M7** - Perils of Space: Introduction to Space Weather (4.00)



No Course Articulated

--- Or ---

**EPS SCI 8** - Earthquakes (5.00)



No Course Articulated

--- Or ---

**EPS SCI 9** - Solar System and Planets (4.00)



**ASTR 4** - Solar System Astronomy (5.00)

--- Or ---

**EPS SCI 10** - Exploring Mars, Red Planet (4.00)



No Course Articulated

--- Or ---

**EPS SCI 13** - Natural Disasters (5.00)



No Course Articulated

--- Or ---

**EPS SCI 15** - Blue Planet: Introduction to Oceanography (5.00)



No Course Articulated

**END OF AGREEMENT**