

## Associate in Science for Transfer Degree: Environmental Science

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an “associate degree for transfer”, a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn one of these degrees, students must complete:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including the California General Education Transfer Curriculum (CalGETC)
2. Obtainment of a minimum grade point average of 2.0. Associate Degrees for Transfer also require that students must earn a C, or Pass (P), or better in all courses required for the major or area of emphasis. This degree may not be the best option for students intending to transfer to a particular CSU campus or to university or college that is not part of the CSU system.

Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements. At the time of catalog publication, a student may earn an AS-T in Environmental Science. Additional majors are being developed. Please see a counselor or visit <http://www.canyons.edu> for more information.

### Degree Student Learning Outcome:

Students will be able to apply physical, biological and social science principles and research to address current environmental issues.

### Program Requirements:

Units Required: 41 - 43

|             |                                             | Units: |
|-------------|---------------------------------------------|--------|
| BIOSCI-106  | Organismal & Environmental Biology          | 4.0    |
| OR          |                                             |        |
| BIOSCI-106H | Organismal & Environmental Biology - Honors | 4.0    |
| BIOSCI-107  | Molecular and Cellular Biology              | 4.0    |
| OR          |                                             |        |
| BIOSCI-107H | Molecular and Cellular Biology Honors       | 4.0    |
| CHEM-201    | General Chemistry I                         | 5.0    |
| OR          |                                             |        |
| CHEM-201H   | General Chemistry I – Honors                | 5.0    |
| ECON-C2001  | Principles of Microeconomics                | 3.0    |
| OR          |                                             |        |
| ECON-C2001H | Principles of Microeconomics – Honors       | 3.0    |
| ENVRMT-103  | Introduction to Environmental Science       | 4.0    |
| MATH-211    | Calculus I                                  | 5.0    |
| OR          |                                             |        |
| MATH-211X   | Calculus I with Support                     | 6.0    |

|             |                                                         |     |
|-------------|---------------------------------------------------------|-----|
| OR          |                                                         |     |
| MATH-240    | Calculus for Business and Social Science                | 5.0 |
| OR          |                                                         |     |
| MATH-240X   | Calculus for Business and Social Science I with Support | 6.0 |
| STAT-C1000  | Introduction to Statistics                              | 4.0 |
| OR          |                                                         |     |
| STAT-C1000E | Introduction to Statistics                              | 5.0 |
| OR          |                                                         |     |
| STAT-C1000H | Introduction to Statistics - Honors                     | 4.0 |

Plus four units from the following:

|             |                             |     |
|-------------|-----------------------------|-----|
| GEOGRPH-101 | Physical Geography with Lab | 4.0 |
|-------------|-----------------------------|-----|

OR

|             |                           |     |
|-------------|---------------------------|-----|
| GEOLOGY-101 | Physical Geology with Lab | 4.0 |
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Plus eight units from the following:

|            |                                                                         |     |
|------------|-------------------------------------------------------------------------|-----|
| PHYSIC-110 | General Physics I                                                       | 4.0 |
| PHYSIC-111 | General Physics II                                                      | 4.0 |
| OR         |                                                                         |     |
| PHYSIC-210 | Physics with Calculus for Life Science Majors I                         | 4.0 |
| PHYSIC-211 | Physics with Calculus for Life Science Majors II                        | 4.0 |
| OR         |                                                                         |     |
| PHYSIC-220 | Physics for Scientists and Engineers: Mechanics of Solids and Fluids    | 4.0 |
| PHYSIC-221 | Physics for Scientists and Engineers: Electricity, Magnetism, and Waves | 4.0 |