



### Recommended Coursework for Admission

| Course Name                       | Hrs. | TCCNS                              | TAMU                 |
|-----------------------------------|------|------------------------------------|----------------------|
| Introduction to Geoscience course | 3-4  | GEOG 1301                          | GEOG 203             |
|                                   |      | GEOG 1302                          | GEOG 201             |
|                                   |      | GEOG 1303                          | GEOG 202             |
|                                   |      | GEOL 1403                          | GEOL 101             |
| Engineering Math I                | 4    | MATH 2413                          | MATH 151             |
| Engineering Math II               | 4    | MATH 2414                          | MATH 152             |
| Chemistry I or Biology I          | 4    | CHEM 1411 (1311/1111) or BIOL 1406 | CHEM 119 or BIOL 111 |
| Chemistry II or Biology II        | 4    | CHEM 1412 (1312/1112) or BIOL 1407 | CHEM 120 or BIOL 112 |

- Courses listed should be completed with a grade of B or better.
- Students may have to complete Trigonometry and Pre-Calculus (MATH 2412) at their institution before taking MATH 2413.
- Trigonometry and Pre-Calculus are transferable courses but **will not** satisfy the Mathematics requirements in this degree plan.

The recommendations below represent what a typical TAMU student's schedule looks like during the first four semesters. If working to complete an Associate's Degree before transferring, please align your degree plan to satisfy TAMU degree requirements. You may not have to complete the coursework in the sequence below but this major recommends specific coursework to be completed.

#### First Year

##### FALL SEMESTER

| TCCNS  | TAMU   | Course Name                    | Hrs.      |
|--|--|--------------------------------|-----------|
| BIOL 1406 (1306/1106)                            | BIOL 111                                     | Biology I                      | 4         |
| MATH 2413  | MATH 151                                     | Engineering Math I             | 4         |
| GEOG 1301<br>GEOG 1302<br>GEOG 1303<br>GEOL 1403 | GEOG 203<br>GEOL 201<br>GEOG 202<br>GEOL 101 | Geoscience Introductory Course | 3         |
| ENGL 1302  | ENGL 104                                     | Composition & Rhetoric         | 3         |
| <b>Total</b>                                     |  |                                | <b>14</b> |

##### SPRING SEMESTER

| TCCNS                 | TAMU   | Course Name                  | Hrs.      |
|-----------------------|--|------------------------------|-----------|
| BIOL 1407 (1307/1107) | BIOL 112   | Biology II                   | 4         |
| GOVT 2305             | POLS 206   | American National Government | 3         |
| MATH 2414             | MATH 152   | Engineering Math II          | 4         |
|                       | <a href="http://core.tamu.edu">core.tamu.edu</a> | Creative Arts                | 3         |
| <b>Total</b>          |  |                              | <b>14</b> |

#### Second Year

##### FALL SEMESTER

| TCCNS  | TAMU   | Course Name   | Hrs.         |
|--|--|---|--------------|
| CHEM 1411  | CHEM 119   | Chemistry I   | 4            |
| GEOG 1302  | GEOG 201   | Introduction to Human Geography   | 3            |
|  | <a href="http://core.tamu.edu">core.tamu.edu</a>         | Language, Philosophy & Culture  | 3            |
| GEOG 1401<br>GEOG 1301<br>GEOL 1403<br>GEOL 1445 | ATMO 201/202<br>GEOG 203<br>GEOL 101/102<br>OCNG 251/252 | Weather & Climate Change<br>Planet Earth<br>Principles of Geology/Lab<br>Oceanography/Lab | 3-4          |
| <b>Total</b>                                     |  |   | <b>13-14</b> |

##### SPRING SEMESTER

| TCCNS                 | TAMU   | Course Name              | Hrs.      |
|-----------------------|--|--------------------------|-----------|
| CHEM 1412             | CHEM 120   | Chemistry II             | 4         |
| PHYS 1401 (1301/1101) | PHYS 201   | College Physics          | 4         |
|                       | <a href="http://core.tamu.edu">core.tamu.edu</a> | Communication            | 3         |
| GOVT 2306             | POLS 207   | State & Local Government | 3         |
| <b>Total</b>          |  |                          | <b>14</b> |

- Consider taking courses that fulfill the 6 hours of [International and Cultural Diversity requirement](#) when completing the Social and Behavioral Sciences, free electives and Creative Arts requirements.



Environmental Geosciences  
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2022-2023 Transfer Course Sheet  
Minimum GPA | 2.5  
Minimum Transferable Hours | 24  
Second-Choice Major Eligible | YES

#### Coursework Timeline

- Competitive applicants will have the Recommended coursework completed by the application deadline.
- Applicants to the summer/fall term **may be** asked to submit spring final grades, this is not a guarantee.
- Summer coursework **will not** be considered for summer/fall applicants.
- Fall coursework **will not** be considered for spring applicants.
- Applicants to the spring term should have the Recommended coursework completed by the end of Summer II semester before applying.

#### Additional Transfer Requirements

- Environmental Programs is looking for students who are interested in pursuing our degree as a focus. Students should indicate our department as the primary major they are interested in if they wish to be admitted. The essay and supporting materials should reflect that the student is interested in pursuing our degree.
- Meeting minimum requirements **DOES NOT** guarantee admission. The entire record is reviewed for consistency in coursework and grades.

#### Additional Information

- Applicants should be serious about earning a degree in Environmental Geosciences.
- Transfer applicants are instructed **NOT** to accept transfer admission to any major with the expectation of later applying for an on-campus change of major.

#### Career & Educational Opportunities

This major provides a solid foundation in the study of Earth and the natural sciences while incorporating background in public policy issues and the social sciences. Students learn how Planet Earth works by studying the interactions between the solid Earth, surface sediments, the world's Oceans and Atmosphere, and the contemporary dynamic processes of the Earth's surface. This program includes courses from all four of the college's departments: Atmospheric Sciences, Geography, Geology & Geophysics, and Oceanography. Students focus coursework in a particular environmental theme: coastal and marine environments, water, human impact on the environment, climate change, or biosphere. For more information please visit [careercenter.tamu.edu](http://careercenter.tamu.edu).

#### Transfer Course Sheet Notes

1. Admission preference is given to applicants with the highest GPA and the most appropriate courses completed.
2. Transfer applicants are encouraged to complete [University Core Curriculum](#) coursework found in the [Undergraduate Catalog](#) unless specified above.
3. This Transfer Course Sheet was supported in a partnership between the Office of Admissions and the College of Arts and Sciences at Texas A&M University with the Undergraduate Catalog having the most extant and definitive information.