

## Atmospheric Science and Environmental Science - Bachelor of Science

### College of Natural Sciences & Mathematics

#### I. Core Requirements (46 hours)\*

| Course Name                                                                                    | Hours | TCCNS                  | UH             |
|------------------------------------------------------------------------------------------------|-------|------------------------|----------------|
| <b>Communication (6 hours)</b>                                                                 |       |                        |                |
| English Composition I                                                                          | 3     | ENGL 1301              | ENGL 1301      |
| English Composition II                                                                         | 3     | ENGL 1302              | ENGL 1302      |
| <b>Mathematics (8 hours)</b>                                                                   |       |                        |                |
| Calculus I                                                                                     | 4     | MATH 2413              | MATH 2413      |
| Calculus II                                                                                    | 4     | MATH 2414              | MATH 2414      |
| <b>Life &amp; Physical Sciences (8 hours)</b>                                                  |       |                        |                |
| Biology for Science Majors I                                                                   | 4     | BIOL 1306/1106 or 1406 | BIOL 1306/1106 |
| Physical Geology                                                                               | 4     | GEOL 1303/1103 or 1403 | GEOL 1303/1103 |
| <b>Creative Arts (3 hours)</b>                                                                 |       |                        |                |
| Choose <b>one</b> course from your current college's core approved list.                       |       |                        |                |
| <b>Language, Philosophy, &amp; Culture (3 hours)</b>                                           |       |                        |                |
| Choose <b>one</b> course from your current college's core approved list.                       |       |                        |                |
| <b>Social &amp; Behavioral Sciences (3 hours)</b>                                              |       |                        |                |
| Choose <b>one</b> course from your current college's core approved list.                       |       |                        |                |
| <b>American History (6 Hours)</b>                                                              |       |                        |                |
| Choose <b>two</b> courses from your current college's core-approved list.                      |       |                        |                |
| <b>Government/Political Sciences (6 hours)</b>                                                 |       |                        |                |
| Federal Government                                                                             | 3     | GOVT 2305              | GOVT 2305      |
| Texas Government                                                                               | 3     | GOVT 2306              | GOVT 2306      |
| <b>Writing in the Disciplines (3 hours)</b>                                                    |       |                        |                |
| Choose <b>one</b> course from your current college's core approved Component Area Option list. |       |                        |                |

#### II. Major Requirements (28 hours)\*

| Course Name                   | Hours | TCCNS                  | UH             |
|-------------------------------|-------|------------------------|----------------|
| Biology for Science Majors II | 4     | BIOL 1307/1107 or 1407 | BIOL 1307/1107 |
| General Chemistry I           | 4     | CHEM 1311/1111 or 1411 | CHEM 1311/1111 |
| General Chemistry II          | 4     | CHEM 1312/1112 or 1412 | CHEM 1312/1112 |
| Meteorology                   | 4     | GEOL 1347/1147 or 1447 | GEOL 1347/1147 |
| Calculus III                  | 4     | MATH 2415              | MATH 2415      |
| University Physics I          | 4     | PHYS 2325/1125 or 2425 | PHYS 2325/2125 |
| University Physics II         | 4     | PHYS 2326/1126 or 2426 | PHYS 2326/2126 |

#### \*Transfer Credit Limit

**A maximum of 66 hours (grades C- or better) of 1000/2000 level transfer hours may be applied toward a UH degree.** These are the 66 hours that best meet the degree requirements for your UH degree combination (Major, Double Major, Double Degree, and Minor).

- Students who currently attend UH should refer to their departmental advisor **BEFORE** taking courses at another college.
- Courses listed above are **suggested** courses for this degree. Other courses in combination may apply to a degree.
- See department or course catalog for further information on your degree plan.

#### Texas Undergraduate In-State Tuition Enrollment Cap

Under current rules, Texas resident undergraduate students who enrolled for the first time in a Texas public institution of higher education in fall 1999 or later may be charged a premium tuition rate after they reach an established enrollment cap. For details, see [Texas Enrollment Cap | Office of the Provost | University of Houston](#)