

Physics - Bachelor of Science and Bachelor of Arts College of Natural Sciences & Mathematics

I. CORE REQUIREMENTS (43 hours)

| Course Name | Hours | TCCNS | UH |
|--|-------|------------------------|----------------|
| Communication (6 hours) | | | |
| English Composition I | 3 | ENGL 1301 | ENGL 1301 |
| English Composition II | 3 | ENGL 1302 | ENGL 1302 |
| Mathematics (8 hours) | | | |
| Calculus I | 4 | MATH 2413 | MATH 2413 |
| Calculus II | 4 | MATH 2414 | MATH 2414 |
| Life & Physical Sciences (8 hours) | | | |
| University Physics I | 4 | PHYS 2325/1125 or 2425 | PHYS 2325/2125 |
| University Physics II | 4 | PHYS 2326/1126 or 2426 | PHYS 2326/2126 |
| Creative Arts (3 hours) | | | |
| Choose one course from your current college's core approved list. | | | |
| Language, Philosophy, & Culture (3 hours) | | | |
| Choose one course from your current college's core approved list. | | | |
| Social & Behavioral Sciences (3 hours) | | | |
| Choose one course from your current college's core approved list. | | | |
| American History (6 Hours) | | | |
| United States History I | 3 | HIST 1301 | HIST 1301 |
| United States History II | 3 | HIST 1302 | HIST 1302 |
| Government/Political Sciences (6 hours) | | | |
| Federal Government | 3 | GOVT 2305 | GOVT 2305 |
| Texas Government | 3 | GOVT 2306 | GOVT 2306 |

II. MAJOR REQUIREMENTS (15 hours)

| Course Name | Hours | TCCNS | UH |
|----------------------|-------|------------------------|----------------|
| General Chemistry I | 4 | CHEM 1311/1111 or 1411 | CHEM 1311/1111 |
| General Chemistry II | 4 | CHEM 1312/1112 or 1412 | CHEM 1312/1112 |
| Linear Algebra | 3 | MATH 2318 | MATH 2318 |
| Calculus 3 | 4 | MATH 2415 | MATH 2415 |

III. ADDITIONAL ELIGIBLE SCIENCE COURSES (Choose 6 hours)* **Bachelor of Science ONLY:***

| Course Name | Hours | TCCNS | UH |
|---------------------------------|-------|-------------------|-----------|
| Biology for Science Majors I | 3 | BIOL 1306 or 1406 | BIOL 1306 |
| Biology for Science Majors II | 3 | BIOL 1307 or 1407 | BIOL 1307 |
| Anatomy & Physiology I | 3 | BIOL 2301 or 2401 | BIOL 2301 |
| Anatomy & Physiology II | 3 | BIOL 2302 or 2402 | BIOL 2302 |
| Microbiology for Science Majors | 3 | BIOL 2321 or 2421 | BIOL 2321 |
| Physical Geology | 3 | GEOL 1303 or 1403 | GEOL 1303 |
| Historical Geology | 3 | GEOL 1304 or 1404 | GEOL 1304 |
| Oceanography | 3 | GEOL 1345 or 1445 | GEOL 1345 |
| Meteorology | 3 | GEOL 1347 or 1447 | GEOL 1347 |

IV. SOPHOMORE-LEVEL FOREIGN LANGUAGE REQUIREMENTS (6 hours) - **Bachelor of Arts ONLY**

| Six (6) hours of sophomore 2000-level Foreign Language: |
|--|
| Six (6) hours of sophomore-level foreign-language courses: 2311 & 2312 in American Sign Language, Arabic, Chinese, French, German, Greek, Hindi, Italian, Japanese, Korean, Latin, Russian, Spanish, or Vietnamese |

(continued on next page)

***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 <https://www.uh.edu/provost/policies-resources/student/#enrollment-cap>