

Bachelor of Science – Biological & Physical Sciences Major (Four Year Plan)

YEAR 1

| Semester 1 | | Semester 2 | |
|---|--------------|--|--------------|
| Course Number | Credit Hours | Course Number | Credit Hours |
| ENG 1301 (Composition I)[#] P: One of the following: (1) TSI ESSAY score of 4 and WRITING score of 340, (2) TSI ESSAY score of 5 and ABE WRITING diagnostic level 4, (3) TSI WRITING complete, OR (4) TSI WRITING exempt | 3 | ENG 1302 (Composition II) P: A grade of C or better in ENG 1301 or placement by examination | 3 |
| Lower-Level Science Lecture/Laboratory courses^{&} Choose seven of the eight – see catalog for options | 4 | Lower-Level Science Lecture/Laboratory courses^{&} Choose seven of the eight – see catalog for options | 4 |
| MATH 1505 (Precalculus Mathematics)^{#&} P: C or better in MATH 1301 or placement by exam taken at UHD | 5 | Lower-Level Science Lecture/Laboratory courses Choose seven of the eight – see catalog for options | 4 |
| UHD 1303 (Freshman Seminar – Life and Physical Sciences) Transfer students see advisor for options | 3 | Approved Language, Philosophy, and Culture course (p. 60) P: Refer to catalog | 3 |
| Total Semester Hours | 15 | Total Semester Hours | 14 |

YEAR 2

| Semester 3 | | Semester 4 | |
|--|--------------|--|--------------|
| Course Number | Credit Hours | Course Number | Credit Hours |
| Lower-Level Science Lecture/Laboratory courses Choose seven of the eight – see catalog for options | 4 | Lower-Level Science Lecture/Laboratory courses Choose seven of the eight – see catalog for options | 4 |
| Lower-Level Science Lecture/Laboratory courses Choose seven of the eight – see catalog for options | 4 | Lower-Level Science Lecture/Laboratory courses Choose seven of the eight – see catalog for options | 4 |
| POLS 2306 (Texas Government) P: Enrollment in or completion of ENG 1301 or 010 core complete | 3 | Approved Social and Behavioral Sciences course (p. 60) P: Refer to catalog | 3 |
| Approved Creative Arts course (p. 60) P: Refer to catalog | 3 | Approved Oral Communication course (p. 60) P: Refer to catalog | 3 |
| Total Semester Hours | 14 | Total Semester Hours | 14 |

YEAR 3

| Semester 5 | | Semester 6 | |
|--|--------------|--|--------------|
| Course Number | Credit Hours | Course Number | Credit Hours |
| Upper Level Natural Science course See catalog for details | 3 | Upper Level Natural Science course% See catalog for details | 3 |
| Upper Level Natural Science course See catalog for details | 4 | Upper Level Natural Science course See catalog for details | 3 |
| Upper Level Science or Non-Science course See catalog for details | 3 | Upper Level Science or Non-Science course See catalog for details | 3 |
| Upper Level Science or Non-Science course See catalog for details | 3 | Upper Level Science or Non-Science course See catalog for details | 3 |
| Approved American History course (p. 60) P: Enrollment in or completion of ENG 1301 or 010 core complete | 3 | Approved American History course (p. 60) P: Enrollment in or completion of ENG 1301 or 010 core complete | 3 |
| Total Semester Hours | 16 | Total Semester Hours | 15 |

YEAR 4

| Semester 7 | | Semester 8 | |
|--|--------------|--|--------------|
| Course Number | Credit Hours | Course Number | Credit Hours |
| Upper Level Natural Science course (4000-level) See catalog for details | 3 | Upper Level Natural Science course% See catalog for details | 3 |
| Upper Level Science or Non-Science course See catalog for details | 3 | Upper Level Natural Science course with lab (4000-level)% See catalog for details | 4 |
| Upper Level Science or Non-Science course See catalog for details | 3 | Upper Level Science or Non-Science course See catalog for details | 3 |
| CS 1408 (Intro to CS with Visual Basic) P: Credit or enrollment in MATH 1404 or 1505 or 1306; and placement in ENG 1301 or above (can be substituted with CS 1410) | 4 | Free Elective (if needed) | 3 |
| Free Elective (if needed) | 3 | POLS 2305 (Federal Government) P: Enrollment in or completion of ENG 1301 or 010 core complete | 3 |
| Total Semester Hours | 16 | Total Semester Hours | 16 |

Total Credit Hours Required 120

* Critical course required to stay on track within major and take subsequent courses

Students are expected to place into ENG 1301 and MATH 1404 via CLEP or Bypass exams – placement tests determine which english or math course students should start with and additional courses may be necessary

& Satisfies both common core and major requirement/prerequisite

% Satisfies both major requirement/prerequisite and integrated requirement course