

Thomas Harriot College of Arts and Sciences
**B.S. in Biology: Ecology/Evolution Concentration w/ double major in B.S.
 Multidisciplinary Studies: Environmental Studies Concentration**

Please note that this is a **recommended** sequence.
 Check catalog for prerequisites. Course availability may vary from semester to semester.

| FRESHMAN YEAR | | | |
|-----------------------------|-----------|----------------------------------|------------|
| Fall Semester | | Spring Semester | |
| BIOL 1100, 1101 | 4 | BIOL 1200, 1201 | 4 |
| CHEM 1150, 1151 | 4 | CHEM 1160, 1161 | 4 |
| ENGL 1100 (WI) | 3 | SOCI 2110 GE:SO DD | 3 |
| MATH 1065 | 3 | MATH 2121 | 3 |
| | | HLTH 1000 | 2 |
| | 14 | | 16 |
| SOPHOMORE YEAR | | | |
| Fall Semester | | Spring Semester | |
| BIOL 2250, 2251 (Ecology) | 4 | BIOL 3030 or 3260 | 3 |
| BIOL 2300 (Genetics) | 3 | BIOL 3620 (Evolutionary Biology) | 3 |
| CHEM 2750, 2753 | 4 | CHEM 2760, 2763 | 4 |
| MATH 2122 | 3 | Humanities | 3 |
| KINE 1000 | 1 | ENGL 2201 (WI) | 3 |
| | 15 | | 16 |
| JUNIOR YEAR | | | |
| Fall Semester | | Spring Semester | |
| PHYS 1250, 1251 | 4 | PHYS 1260, 1261 | 4 |
| BIOL 4320* [#] | 3 | BIOL 3660* [#] | 3 |
| MATH 2228 or BIOS 1500 | 3 | ECON 2133 GE:SO | 3 |
| Social Science GD | 3 | ENGL 3820 (WI) | 3 |
| Fine Arts | 3 | Humanities or Fine Arts | 3 |
| | 16 | | 16 |
| SENIOR YEAR | | | |
| Fall Semester | | Spring Semester | |
| BIOL 4250* [#] | 3 | BIOL 4991* [†] | 3 |
| BIOL 4991* [†] | 3 | BIOL 5270* [#] | 3 |
| ENGL 3660 (WI) [#] | 3 | BIOL Molecular/Cell elective* | 3 |
| PLAN 4055 [#] | 3 | ECON 3855 [#] | 3 |
| Free elective | 3 | | |
| | 15 | | 12 |
| TOTAL HOURS | | | 120 |

Confirmed by: BB and GFC

Updated: March 2024

NOTES:

A 3 s.h. Global Diversity course and a 3 s.h. Domestic Diversity course are also required (these can coincide with other general education or major courses).

4 Writing Intensive (WI) courses must be completed, typically including ENGL 1100, ENGL 2201; at least 3 s.h. in the major (typically ENGL 3820) and an additional WI of the student's choice.

* Must complete 21 hours of Specified BIOL electives. Including at least 12 hours from the ecology/evolution courses (at least one course in organismal diversity and one course in ecological/evolutionary processes); 3 s.h. from the molecular/cell concentration specific list, and 6 s.h. of any biology electives with at least one at the 3000 or 4000 level. Consult undergraduate catalog and advisor when selecting these courses.

† Must complete a minimum of 6 s.h. of research and seminar courses, for example, BIOL 3550, 4991, or 4995.

Must complete 12 s.h. in the primary area of focus and 9 s.h. in the secondary area of focus for ENVS.

Students interested in research or graduate school are encouraged to take BIOL 3504, BIOL 3550, and/or BIOL 4995 as BIOL electives or free electives.