

Thomas Harriot College of Arts and Sciences
B.S. in Biology: Molecular/Cell 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 | |
| ENGL 1100 (WI) | 3 | Social Science | 3 |
| MATH 1065 | 3 | MATH 2121 | 3 |
| CHEM 1150, 1151 | 4 | CHEM 1160, 1161 | 4 |
| BIOL 1100, 1101 | 4 | BIOL 1200, 1201 | 4 |
| | | HLTH 1000 | 2 |
| | 14 | | 16 |

| SOPHOMORE YEAR | | | |
|----------------------|-----------|-------------------------------|-----------|
| Fall Semester | | Spring Semester | |
| CHEM 2750, 2753 | 4 | CHEM 2760, 2763 | 4 |
| MATH 2122 | 3 | BIOL 2250 or 3620 | 3 |
| BIOL 2300 (Genetics) | 3 | BIOL 3260 (Cell and Dev Biol) | 3 |
| ENGL 2201 (WI) | 3 | Humanity | 3 |
| Social Science | 3 | Social Science | 3 |
| | 16 | | 16 |

| JUNIOR YEAR | | | |
|--------------------------------------|-----------|--------------------------------|-----------|
| Fall Semester | | Spring Semester | |
| PHYS 1250, 1251 | 4 | PHYS 1260, 1261 | 4 |
| BIOL Elective (Molecular/Cell Conc)* | 4 | BIOL 3030 (Principles of Phys) | 3 |
| Fine Art | 3 | BIOL Elective* | 3 |
| MATH 2228 or other stats | 3 | ENGL 3820 (WI) | 3 |
| KINE 1000 | 1 | Additional General Ed course | 3 |
| | 15 | | 16 |

| SENIOR YEAR | | | |
|--------------------------------------|-----------|--------------------------------------|-----------|
| Fall Semester | | Spring Semester | |
| BIOL Elective* | 3 | BIOL Elective (Molecular/Cell Conc)* | 4 |
| BIOL Elective (Molecular/Cell Conc)* | 4 | BIOL Elective* | 3 |
| Humanity or Fine Art | 3 | Free Elective | 3 |
| Free Elective (WI) | 3 | Free Elective | 4 |
| | 13 | | 14 |

| | |
|--------------------|------------|
| TOTAL HOURS | 120 |
|--------------------|------------|

Confirmed by: McFarland

Updated: 07/2023

NOTES:

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