



## NSM Capstone

All NSM majors are required to complete an NSM Capstone. The Capstone allows you to utilize the knowledge you gain from major coursework in a larger perspective – to determine how that knowledge connects with other scientific disciplines and to discover new applications. The Capstone requires a minimum of six advanced credit hours but can require up to 21 credit hours (varies by the option used to satisfy requirements).

### NSM Capstone: 6-21 credit hours

The options are:

- **An approved minor**
- **A double major**
- **A dual degree or previously earned bachelor's degree**
- **A senior research project** (3396 and 4396 courses – by arrangement with professor)
- **A senior honors thesis** (3399 and 4399 courses – by arrangement with Honors College and professor)
- **COSC Senior Sequence** (these courses will be in addition to all other major requirements)
  - COSC 3337, 4337
  - COSC 3371, 4371
  - COSC 4353, 4354
  - COSC 4353, 4355
  - COSC 4358, 4359
- **GEOL 3355, 3360** – Summer Field Camp (designed for Geology majors)
- **GEOL 4355, 4381**- Summer Field Camp and Geophysical Signals & Analysis (designed for Geophysics majors)
- **Completion of the teachHOUSTON program**

### ADDITIONAL NOTES:

- Courses required for your major can apply toward your minor, which means some majors have most of the courses required for the minor "built into" the major.
- Some NSM departments have course sequences specially designed for majors in that department to satisfy the Capstone. While these Capstone options are open to all NSM majors, the prerequisites required usually target these options for majors within that department.
- **You must request an official minor degree plan to declare your minor. Minors do not appear automatically.**
- The NSM Capstone takes at least a year, and in some instances, two years to complete. Plan your schedule accordingly to allow time for course completion.
- Consult the Undergraduate Catalog and the NSM Undergraduate Advising Center for questions about your NSM Capstone.
- By virtue of the interdisciplinary nature of the program, students who complete the requirements for the B.S. degree in Mathematical Biology have satisfied the capstone requirement of the College of Natural Science and Mathematics.