

College of Natural Sciences and Mathematics (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 semester hours but can require up to 21 semester hours (varies by the option used to satisfy requirements).

NSM Capstone: 6-21 semester hours

The NSM Capstone may be satisfied by completing one of the following options:

- **An approved minor**
- **A double major**
- **A double 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** (COSC 4353 & 4354/4355, COSC 4358 & 4359, or COSC 3337 & 4337)
 - These courses will be in addition to all other Computer Science major requirements.
- **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** (total of 23 hours)

ADDITIONAL NOTES...

- Courses required for your major can apply toward your minor, which means some majors have most (or all) of the courses required for the minor "built into" the major. For example, students pursuing a B.S. Physics may earn a Math minor by taking one additional 4000-level Math course. Also, students pursuing a B.S. Biochemistry, that complete their Organic Chemistry courses at UH, may earn a Chemistry minor without taking any additional courses beyond those required for their 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.
- You must earn a minimum GPA of 2.00 in your minor in order to earn your degree.
- **ALWAYS** consult the Undergraduate Studies online catalog and/or an advisor in the NSM Undergraduate Advising Center for questions about your NSM Capstone. Some courses have restrictions and cannot be applied to a degree in Natural Sciences and Mathematics.
- 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.