### MS PLAN 1

**2 years**

- Thesis master's degree

**PREREQUISITES (9)**
- Note: must receive a "B" or better letter grade
- Calculus (2)
- Chemistry (2)
- Biology (2)
- Physics (2)
- Earth Sciences or Geological Principles (1)
- Statistics or Biostatistics (1)
- One prerequisite biology, chemistry, geology, or physics course may be substituted with the appropriate core course. However, the student can only make this substitution in one subject area and it cannot be in the student's primary subject area of research.
- Statistics can be taken upon admission.
- No substitution for calculus.

**CORE COURSES (5)**
- Note: must be enrolled for a letter grade. Passing is considered a "B" or above.
  - Physical Oceanography (required)
  - Biological Oceanography
  - Chemical Oceanography
  - Marine Geology

**ELECTIVES (2)**
- Note: Option to enroll Pass/No Pass
  - One graduate-level seminar and one upper division undergraduate or graduate-level lecture course.

- Thesis Research (5)
  - OCEA 299

- Teaching in OS (1)
  - OCEA 296

**OS Seminar Series - OCEA 292 each quarter of enrollment (no credit)**

- Minimum of 42 credits

- Required to TA for one quarter in the OS Department or a related department

- Faculty advisor

- Program funded by a combination of Graduate Student Research (CSR), Teaching Assistant (TA), and Reader positions, and/or scholarships/fellowships.

### MS PLAN 2

**1 year**

- Comprehensive exam master's degree

**PREREQUISITES (9)**
- Note: must receive a "B" or better letter grade
- Calculus (2)
- Chemistry (2)
- Biology (2)
- Physics (2)
- Earth Sciences or Geological Principles (1)
- Statistics or Biostatistics (1)
- MS Plan 2 candidates are highly encouraged to complete all prerequisites before admission.

**CORE COURSES (4)**
- Note: must be enrolled for a letter grade. Passing is considered a "B" or above.
  - Physical Oceanography
  - Biological Oceanography
  - Chemical Oceanography
  - Marine Geology

- Data analysis (1)
  - OCEA 260

**ELECTIVES (1)**
- Note: Option to enroll Pass/No Pass
  - One graduate-level seminar and two lecture courses (only one can be an upper division undergraduate course).

- OS Seminar Series - OCEA 292 each quarter of enrollment (no credit)

- Minimum of 40 credits

- No TA requirement

- OS Graduate Program Advisor

- Self-funded

- Fee breakdown: [https://financialaid.ucsc.edu/cost-to-attend/graduate-costs.html](https://financialaid.ucsc.edu/cost-to-attend/graduate-costs.html)