

Texas A&M University - Corpus Christi-- College of Science and Engineering
Master of Science in Coastal and Marine System Science (min.36 hrs)
DEGREE PLAN

Catalog Year: **2021-2022**

Proposed plan

Student's Name _____ Student ID Number _____

Contact Phone _____ Entry Term _____

CORE: REQUIRED COURSES (12 sem. hrs.)

| Course # | Course Title | Grade | Hrs | SEM/YR |
|-----------|-------------------------------|-------|-----|--------|
| CMSS 5392 | Thesis I: Thesis Proposal | _____ | 3 | _____ |
| CMSS 5393 | Thesis II: Thesis Research | _____ | 3 | _____ |
| CMSS 5394 | Thesis III: Thesis Submission | _____ | 3 | _____ |
| CMSS 6312 | Communicating Science Seminar | _____ | 3 | _____ |

CORE group 2: Transdisciplinary core courses COURSE CHOICES (6 sem. hrs)

Choose two courses from the list below:

| | | | | |
|-----------|----------------------------------|-------|---|-------|
| CMSS 6307 | Coastal and Marine Systems | _____ | 3 | _____ |
| CMSS 6359 | Marine Ecosystem Dynamics | _____ | 3 | _____ |
| CMSS 6370 | Coastal Management and Ocean Law | _____ | 3 | _____ |
| GSEN 6330 | Spatial Systems Science | _____ | 3 | _____ |

CORE group 3: Math and Statistics core courses (6 sem. hrs)

Choose two courses from the list below:

| | | | | |
|-----------|---|-------|---|-------|
| MATH 6315 | Statistical Methods in Research I | _____ | 3 | _____ |
| MATH 6316 | Statistical Methods in Research II | _____ | 3 | _____ |
| CMSS 6360 | Computer Programming in Earth Systems Science | _____ | 3 | _____ |
| CMSS 6352 | Environmental Forecasting | _____ | 3 | _____ |
| CMSS 6323 | Experimental Design | _____ | 3 | _____ |

ELECTIVE, SPECIALIZED AND TOPICAL COURSES (12 sem. hrs)

Elective coursework (12 sem. hrs.) supporting student's individual research goals is chosen from among approved biology, chemistry, coastal and marine system science, computer science, environmental science, geographic information science, geology, marine biology, or other course offerings, in consultation with student's advisor committee.

Topical Coursework should be approved by the graduate advisory committee (GAC), and is offered under the heading of CMSS 6590 Advance Topics: Students can also enroll in a Directed Independent Study (DIS), Supervised by their advisor or other faculty members, at any stage of the program progression: CMSS 5596 Directed Independent Study. Students may also enroll in CMSS 5940 Thesis Project Research (1-9 hrs) to conduct research related to the CMSS M.S.Thesis Project. Up to six hours may count as credit toward regular graded (non-research, non-variable credit) elective coursework for the M.S. degree requirement in Coastal and Marine System Science. The remainder of classes or research projects designated as part of the elective coursework requirement must receive the approval of a student's graduate advisory committee. Selects may include CMSS, marine biology, the natural sciences, computer science, geographic information science, mathematics, political science, public administration, business law, or other areas as stipulated by the GAC.

| Course # | Course Title | Grade | Hrs | SEM/YR |
|----------|--------------|-------|-----------|--------|
| _____ | _____ | _____ | 3 | _____ |
| _____ | _____ | _____ | 3 | _____ |
| _____ | _____ | _____ | 3 | _____ |
| _____ | _____ | _____ | 3 | _____ |
| | | | <u>12</u> | |

Requirement Summary Transfer Hours (12 MAX) TOTAL HOURS (36 min)
Non-degree to degree hrs (9 hrs max per College of S&E).
Regular graded course work (min. 18).
GPA (min. 3.0).

Student Signature: _____

Graduate Committee Chair _____

Com. Member _____

Com. Member _____

Program Coordinator _____

6/30/2020