# CRES BS & MARM MMR 5-Year Program | 2026-2027 Catalog

**Name:** _____

**UIN:** _____

Catalog information: catalog.tamu.edu Degree Evaluation: https://howdy.tamu.edu/uPortal/f/my-record/

**Key**

Complete | Upcoming Term | Possible Adjustment | 15 Semester Credit Hrs | 3 Course Credit Hrs | Major GPA | Pre-requisite | * Writing Intensive

## Year One

### Fall — 15

- **MATH 150** 4 Pre-Calculus *or 148 or 152 C or better*
- **CHEM 119** 4 Fundamentals of Chemistry I
- **MARS 102** 4 Earth & Ocean Science
- **ENGL 104** 3 Composition & Rhetoric
- **Hullabaloo U**

*Both in first year; either order*

### Spring — 15

- **MATH 147** 4 Calc I for Bio Sci *or MATH 151*
- **CHEM 120** 4 Fundamentals of Chemistry II
- **MARB 101** 3 Succeeding in Science
- **BIOL 111** 4 Intro Biology I

## Year Two

### Fall — 16

- **POLS 207** 3 State & Local Govt
- **ECON 202** 3 Principles of Economics
- **Communication** 3 *Core Elective*
- **MARS 210** 3 Coastal Geography
- **BIOL 112** 4 ***or*** **GEOL 106** 4 ***or*** **GEOL 208** 4 Intro to Bio II or Historical Geology or Life on a Dynamic Planet

### Spring — 16

- **PHYS 201** 4 ***or*** **PHYS 206 & 226** 4 Physics I
- **POLS 206** 3 US Nat'l Govt
- **MARS 303** 3 Python for Marine Sciences
- ***MARS 280** 3 Coastal & Ocean Economics

## Year Three

### Fall — 16

- **STAT 302/303** 3 ***or*** **MARB 303** 4 Statistical Methods or Biostatistics
- **MARS 442** 3 Coastal Social Ecological Resillience
- **MARS 358** 3 Coastal Disasters
- **History** 3 *Core Elective*
- **MARS 420** 3 Biological Oceanography
- **MARS 481** 1 Seminar

### Spring — 17

- **History** 3 *Core Elective*
- **Lang, Phil, Culture** 3 *Core Elective*
- **MARS 425** 3 Coastal Ecosystems Management
- ***MARS 430** 4 Marine Geology
- **Professional** 3 *Major Elective*

**Apply for 3+2 at 90 hours**

## Year Four

### Fall — 15

- **Creative Arts** 3 *Core Elective*
- **MARS 458** 3 Fisheries - Economics, Policy, and Management
- **MARS 460** 1 Capstone Research Experience I
- **MARS 491** 2 Research
- **MARS 625** 3 GIS in Coastal Resources
- **Professional** 3 *Major Elective*

### Spring — 13

- **MARS 675** 3 Enviro Mgmt Strategies
- **MARA 604** 3 Marine Natural Resource Econ
- **MARS 461** 1 Capstone Research Experience II
- **MARS 491** 2 Research
- **MARS 603** 3 Quant Methods for Resource Mgmt
- **MARS 681** 1 Seminar

## Year Five

### Fall — 12

- **MARS 635** 3 Enviro Impact Statements & Nat Res Damage Assessment
- **PLAN 641** 3 Problems of Enviro Planning Admin
- **MARS 660** 3 Enviro Conflict Resolution
- **MARM Elective** 3

### Spring — 11

- **MARS 680** 2 Integrative Analysis in Marine Resources
- **MARM Elective** 3
- **MARM Elective** 3
- **MARM Elective** 3

*Additional Req's:*

- Foreign Language
- Writing Intensive I
- Writing Intensive II
- Inter-national & Cultural Diversity
- Cultural Discourse

*Revised on 3-5-26*

# CESS BS & MARM MMR 5-Year Program | 2026-2027 Catalog

| Major | Texas A&M University at Galveston Course Options | | | | | |
|---|---|---|---|---|---|---|
| **CESS Major & Supporting Coursework** 32 | MARB 101<br>MARS 430 | MARS 102<br>MARS 481 | *MARS 280<br>MARS 491 | MARS 281<br>ECON 202 | MARS 303<br>MARA 363 | MARS 420<br>STAT/MARB 303 |
| **UG Prof Electives** 21<br>*Select 21 hours* | ATMO 363<br>CHEM 258<br>MARA 470<br>OCEN 201 | CHEM 227<br>CHEM 316<br>MARB 300-499<br>OCEN 265 | CHEM 237<br>CHEM 318<br>MARS 300-499<br>OCEN 300 | CHEM 228<br>FSCI 360<br>MATH 251<br>OCEN 311 | CHEM 238<br>GEOG 331<br>MATH 308<br>STAT 303 | CHEM 257<br>GEOG 370<br>POLS 347 |
| **MARM Major Coursework** 32 | MARA 604<br>MARS 680 | MARS 603<br>MARS 681 | MARS 625<br>PLAN 641 | MARS 635 | MARS 660 | MARS 675 |
| **GR MARM Electives** 12<br>*Select 12 hours* | Please see a graduate advisor for course options | | | | | |

- *Courses double counted toward UG and GR programs: MARS 635 and MARS 660*
- *GR Courses providing Credit by Exam for additional UG credits: MARS 625 (for MARS 325) and MARS 604 (for ECON 203)*

| Core | Texas A&M University at Galveston Course Options | | | | | |
|---|---|---|---|---|---|---|
| **Communication** 6 | Required:<br>Select 1 from: | †ENGL 104<br>COMM 203 | COMM 205 | †ENGL 203 | ENGL 210 | |
| **Mathematics** 8<br>*2 courses required* | MATH 147 or 151 | MATH 150, 148, or 152 | | | | |
| **Life & Physical Sciences** 20<br>*All courses required* | PHYS 201 or 206/226<br>CHEM 120 | BIOL 111 | BIOL 112 or GEOL 106 | CHEM 119 | | |
| **Language, Philosophy, Culture** 3<br>*Select 1 course* | †ANTH 210<br>†HIST 240 | ANTH 316<br>HIST 242 | *ENGL 204<br>MAST 270 | ENGL 334<br>†PHIL 111 | ENGL 335<br>PHIL 251 | *ENGL 274 |
| **Creative Arts** 3<br>*Select 1 course* | *ARTS 150<br>*THEA 281 | ENGL 212 | *ENGL 251 | HISP 204 | *MUSC 226 | †PERF 301 |
| **Social & Behavioral Science** 3 | *MARS 210 | | | | | |
| **American History** 6<br>*Select 2 courses* | HIST 105 | HIST 106 | HIST 226 | HIST 232 | | |
| **Political Science** 6 | POLS 206 | POLS 207 | | | | |

| University | Texas A&M University at Galveston Course Options | | | | | |
|---|---|---|---|---|---|---|
| **Writing Intensive** 6 | MARS 280 | MARS 430 | | | | |
| **International and Cultural Diversity** 3<br>*Select 1 course* | *Note that any * marked major or core course will concurrently fulfill both requirements*<br>*ARTS 150<br>*KINE 281<br>POLS 231 | ECON 452<br>MARA 440<br>*SOCI 231 | *ENGL 204<br>*MARS 210<br>*THEA 281 | *ENGL 251<br>MAST 411 | *ENGL 374<br>*MUSC 226 | *GEOG 201<br>*PBSI 107 |
| **Cultural Discourse** 3<br>*Select 1 course* | *Note that any † marked major or core course will concurrently fulfill both requirements*<br>†ANTH 210<br>MAST 226 | †ENGL 104<br>†PERF 301 | FSCI 334<br>†PHIL 111 | †HIST 240 | MARA 373 | MARB 445 |
| **General Electives** | Free electives as needed to reach 120 cumulative hours | | | | | |

- *Courses in this section can concurrently fulfill a Core or Major Requirement;*
- *Two semesters of a single foreign language is required for students who did not complete the foreign language req in high school*