



Marine Sciences License Option – MARS-LO
 College of Marine Sciences and Maritime
 Studies
Advising@tamug.edu | 409-741-4343
www.marine.tamu.edu

2025-2026 Transfer Course Sheet
 Minimum GPA | 2.5
 Minimum Transferable Hours | 24

Recommended Coursework for Admission

| Course Name | Hrs. | TCCNS | TAMU |
|--|------|--|--|
| American History | 6 | core.tamu.edu | core.tamu.edu |
| Mathematics I* | 4 | MATH 2412 | MATH 150 |
| Mathematics II* | 4 | MATH 2413 | MATH 147 or 151 |
| American National Government | 3 | GOVT 2305 | POLS 206 |
| State and Local Government | 3 | GOVT 2306 | POLS 207 |
| Composition and Rhetoric | 3 | ENGL 1302 | ENGL 104 |
| Elective in Communications | 3 | core.tamu.edu | core.tamu.edu |
| Elective in Creative Arts** | 3 | core.tamu.edu | core.tamu.edu |
| Elective in Language, Philosophy & Culture** | 3 | core.tamu.edu | core.tamu.edu |
| Mechanics and Motion | 4 | PHYS 2325/2125 | PHYS 206/226 |
| Electricity and Magnetism | 4 | PHYS 2326/2126 | PHYS 207/227 |
| Fundamentals of Chemistry I | 4 | CHEM 1411 | CHEM 119 |
| Fundamentals of Chemistry II | 4 | CHEM 1412 | CHEM 120 |

- * Must make a grade of C or better for Degree plan
- ** Consider taking courses that fulfill the 3-hour [International and Cultural Diversity requirement](#) and/or the 3-hour [Cultural Discourse requirement](#) when completing these core areas.
- All license option programs require three summer cruises. Student must have a minimum of one semester in residence prior to first cruise. For all transfer students, license option degrees will require a minimum of three years of residency.

The recommendations below are adjusted from a standard TAMUG student’s schedule to include only transferable coursework within the degree plan. If working to complete an Associate’s Degree before transferring, please align your degree plan to satisfy TAMUG degree requirements. You do not have to complete the coursework in the sequence below.

First Year

FALL SEMESTER

| TCCNS | TAMU | Course Name | Hrs. |
|--------------|--|------------------------------|-----------|
| ENGL 1302 | ENGL 104 | Composition and Rhetoric | 3 |
| MATH 2412 | MATH 150 | Math I | 4 |
| | core.tamu.edu | Creative Arts | 3 |
| GOVT 2305 | POLS 206 | American National Government | 3 |
| Total | | | 13 |

SPRING SEMESTER

| TCCNS | TAMU | Course Name | Hrs. |
|----------------|--|----------------------|-----------|
| PHYS 2325/2125 | PHYS 206/226 | Mechanics and Motion | 4 |
| MATH 2413 | MATH 151 or 147 | Math II | 4 |
| | core.tamu.edu | American History | 3 |
| | core.tamu.edu | Communications | 3 |
| Total | | | 14 |

Second Year

FALL SEMESTER

| TCCNS | TAMU | Course Name | Hrs. |
|----------------|--------------|-----------------------------|-----------|
| PHYS 2326/2126 | PHYS 207/227 | Electricity and Magnetism | 4 |
| CHEM 1411 | CHEM 119 | Fundamentals of Chemistry I | 4 |
| GOVT 2306 | POLS 207 | State and Local Government | 3 |
| Total | | | 11 |

SPRING SEMESTER

| TCCNS | TAMU | Course Name | Hrs. |
|--------------|--|--------------------------------|-----------|
| | core.tamu.edu | American History | 3 |
| CHEM 1412 | CHEM 120 | Fundamentals of Chemistry II | 4 |
| | core.tamu.edu | Social and Behavioral Sciences | 3 |
| | core.tamu.edu | Language, Philosophy & Culture | 3 |
| Total | | | 13 |



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Coursework Timeline

- Competitive applicants will have the Recommended or Required coursework completed by the application deadline.
- Applicants to the summer/fall term **may be** asked to submit spring final grades, this is not a guarantee.
- Summer coursework **will not** be considered for summer/fall applicants.
- Fall coursework **will not** be considered for spring applicants.
- Applicants to the spring term should have the Recommended or Required coursework completed by the end of Summer II semester before applying.

Additional Transfer Requirements

- Transfer applicants should have completed a full semester (spring or fall) course load of 12 transferable hours (minimum) after graduating from high school.
- The Department of Marine and Coastal Environmental Science is looking for students who are interested in pursuing our degree as a focus. Students should indicate our department as the primary major they are interested in if they wish to be admitted. The essay and supporting materials should reflect that the student is interested in pursuing our degree.
- Meeting minimum requirements does not guarantee admission. The entire record is reviewed for consistency in coursework and grades. Admission preference is given to applicants with the highest GPA and the most appropriate courses completed.

Additional Information

- Applicants should be serious about earning a degree in Marine Sciences.
- Transfer applicants are instructed NOT to accept transfer admission to any major with the expectation of later applying for an on-campus change of major.

Career & Educational Opportunities

The license option (LO) in the Marine Sciences (MARS) program leads toward a license as a deck officer in the United States Merchant Marine. This program retains the physical science core of the MARS curriculum, and adds coursework that prepares the student to sit for the U.S. Coast Guard (USCG) examination as a Third Mate of any gross tonnage upon oceans, steam, or motor vessels. Students combine a broad base of courses in physical science and mathematics and practical instruction in seamanship and navigation with three oceanography courses. The objective of the program is to provide students with a sound intellectual and educational background to function in a scientifically and technologically advanced society, while also providing the practical hands-on training needed for employment in the maritime industry. Graduates are particularly well qualified to serve on research vessels where an understanding of the scientific purpose of the voyage is required. Students who wish to enter a physical science graduate program will need to take additional course work in science and mathematics. Cadets who enroll in and apply to graduate under one of the license option curricula must complete the appropriate license examination for Third Mate or Third Assistant Engineer in order to graduate from Texas A&M University as well as licensing requirements outlined in the program requirements. Certain license option courses require a minimum grade of C (70%).

Transfer Course Sheet Notes

1. Admission preference is given to applicants with the highest GPA and the most appropriate courses completed.
2. Transfer applicants are encouraged to complete [University Core Curriculum](#) coursework found in the [Undergraduate Catalog](#) unless specified above.
3. This Transfer Course Sheet was supported in a partnership between the Office of Admissions and the Texas A&M University at Galveston with the Undergraduate Catalog having the most extant and definitive information.