



Marine Biology License Option – MARB-LO
 Texas A&M University at Galveston
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tamug.edu/marb

2021-2022 Transfer Course Sheet
 Minimum GPA | 2.5
 Minimum Transferable Hours | 24

Recommended Coursework for Admission

Course Name	Hrs.	TCCNS	TAMU
American History	6	core.tamug.edu	core.tamug.edu
Mathematics I	4	MATH 2413	MATH 147 or 151
Mathematics II	4	MATH 2414 or 2412	MATH 140, 150, or 152
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 Creative Arts**	3	core.tamug.edu	core.tamug.edu
Elective in Language, Philosophy, Culture**	3	core.tamug.edu	core.tamug.edu
Principles of Economics	3	ECON 2302	ECON 202
Introductory Biology I*	4	BIOL 1406	BIOL 111
Fundamentals of Chemistry I	4	CHEM 1411	CHEM 119
Fundamentals of Chemistry II	4	CHEM 1412	CHEM 120
College Physics I	4	PHYS 1401	PHYS 201
College Physics II	4	PHYS 1402	PHYS 202
Elective in Communications	3	core.tamug.edu	core.tamug.edu

- * Must make a grade of C or better for Degree plan
- ** Consider taking courses that fulfill the [International and Cultural Diversity 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 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.
	core.tamug.edu	History	3
BIOL 1406	BIOL 111	Introductory Biology I	4
MATH 2413	MATH 147 or 151	Math I	4
CHEM 1411	CHEM 119	Fundamentals of Chemistry I	4
Total			15

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
BIOL 1407	BIOL 112	Introductory Biology II	4
CHEM 1412	CHEM 120	Fundamentals of Chemistry II	4
MATH 2414 or 2412	MATH 148, 150, 152	Math II	4
ENGL 1302	ENGL 104	Composition & Rhetoric	3
Total			15

Second Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
	core.tamug.edu	Communication	3
PHYS 1401	PHYS 201	College Physics	4
GOVT 2305	POLS 206	American Nat’l Government	3
	core.tamug.edu	Language, Philosophy, & Culture	3
	core.tamug.edu	American History	3
Total			16

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
CHEM 2425	core.tamug.edu	Creative Arts	3
PHYS 1402	PHYS 202	College Physics II	4
GOVT 2306	POLS 207	Government/Political Science	3
ECON 2302	ECON 202	Principles of Economics	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 Biology 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 Biology.
- 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

At the Marine Biology Department of Texas A&M University at Galveston, students have countless opportunities to work with some of the top professors in their field. The location on the Gulf of Mexico provides the perfect setting for invaluable hands-on learning. This program explores the biological sciences through studies in the marine environment. Students follow a strong well-balanced curriculum in general biology that utilizes examples of local marine flora and fauna to illustrate patterns and processes. Students receive hands-on field sampling experience as well as internship and research opportunities. Students may take electives to emphasize certain interests such as vertebrate zoology, coastal wetlands ecology, conservation, comprehensive biology, fisheries biology, mammalogy, and aquatic animal health. Students may also choose electives useful to pursue medical or veterinary degree programs.

Additionally, if desired, this major has a License Option. The Marine Biology License Option program allows the Marine Biology student to prepare for a career as an officer aboard a sea going vessel by participating in the Texas A&M Maritime Academy Corps of Midshipmen. The curriculum provides the basics of Marine Biology as well as courses leading toward licensing as a Third Mate of any gross tonnage upon oceans, steam, or motor vessels, in the U.S. Merchant Marine. For more information please visit careercenter.tamu.edu.

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.