



Recommended Coursework for Admission

Course Name	Hrs.	TCCNS	TAMU
American History	6	core.tamug.edu	core.tamug.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 Communication	3	core.tamug.edu	core.tamug.edu
Elective in Creative Arts**	3	core.tamug.edu	core.tamug.edu
Elective in Language, Philosophy & Culture**	3	core.tamug.edu	core.tamug.edu
Introduction to Economics I	3	ECON 2302	ECON 202
Introduction to Economics II	3	ECON 2301	ECON 203
Physics	4	PHYS 1401 or 2325/2125	PHYS 201 or 206/226
Fundamentals of Chemistry I	4	CHEM 1411	CHEM 119
Fundamentals of Chemistry II	4	CHEM 1412	CHEM 120
Introductory Biology I	4	BIOL 1406	BIOL 111
Physical Science Option	4	BIOL 1407 or GEOL 1404	BIOL 112 or GEOL 106

- ** 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.

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	Mathematics I	4
CHEM 1411	CHEM 119	Fundamentals of Chemistry I	4
core.tamug.edu		American History	3
Total			14

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
MATH 2413	MATH 151 or 147	Mathematics II	4
core.tamug.edu		Communication	3
CHEM 1412	CHEM 120	Fundamentals of Chemistry II	4
ECON 2302	ECON 202	Introduction to Econ I	3
Total			14

Second Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
BIOL 1406	BIOL 111	Introductory Biology I	4
PHYS 1401 or 2325/2125	PHYS 201 or 206/226	Physics	4
GOVT 2306	POLS 207	State and Local Government	3
core.tamug.edu		Language, Philosophy, & Culture	3
Total			14

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
BIOL 1407 or GEOL 1404	BIOL 112 or GEOL 106	Physical Science Option	4
ECON 2301	ECON 203	Introduction to Econ II	3
GOVT 2305	POLS 206	American National Government	3
core.tamug.edu		American History	3
core.tamug.edu		Creative Arts	3
Total			16



Coastal Environmental Science and Society- CESS
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2023-2024 Transfer Course Sheet
Minimum GPA | 2.5
Minimum Transferable Hours | 24

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 Coastal Environmental Science and Society.
- 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 Coastal Environmental Science and Society program is a Bachelor of Science degree that focuses on natural environmental processes (physical, chemical/biogeochemical, and geological) and social issues (policy, management, economics, law, etc.) related to the development, exploitation and conservation of oceanic and coastal resources and ecosystems. The Coastal Environmental Science and Society curriculum provides a solid foundation in oceanography, geology, chemistry, biology and physics with additional coursework in economics, policy and management. The curriculum is specifically geared towards understanding the societal and environmental impacts of resource development and exploitation, with the focus on environmental pollution, sustainable development, biological diversity, fisheries and mariculture development and management, or oil and gas extraction and exploration, coastal ecosystems (e.g., wetlands), and global climate change. There is a growing demand for trained entry-level professionals from both government, industry and non-governmental organizations who understand and can use scientific information in the planning and management processes and policy designs. With a solid scientific foundation, the Coastal Environmental Science and Society graduates are ideally poised to pursue their careers at the interface between government and businesses operating in marine realm. With suitably chosen electives, our graduates are well qualified to enter Master or PhD programs in marine resource management and policy, environmental sciences, oceanography or related disciplines.

Students in Coastal Environmental Science and Society may choose to establish a minor field of study, for example, in Economics (TAMU) or in Maritime Business Administration (TAMUG) through completion of credits as outlined in the available minors' curriculum pages. Obtaining a minor from a department located at TAMU in College Station with coursework completed in Galveston is also possible. An advisor in the Department of Marine and Coastal Environmental Science can help with course selection and facilitate the minor approval process through another department.

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.