



**Recommended Coursework for Admission**

Course Name	Hrs.	TCCNS	TAMU
American History	6	<a href="http://core.tamu.edu">core.tamu.edu</a>	<a href="http://core.tamu.edu">core.tamu.edu</a>
Composition & Rhetoric	3	ENGL 1302	ENGL 104
Elective in Communication	3	<a href="http://core.tamu.edu">core.tamu.edu</a>	<a href="http://core.tamu.edu">core.tamu.edu</a>
American National Government	3	GOVT 2305	POLS 206
State and Local Government	3	GOVT 2306	POLS 207
Electives in Mathematics	6	<a href="http://core.tamu.edu">core.tamu.edu</a>	<a href="http://core.tamu.edu">core.tamu.edu</a>
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
Elective in Creative Arts	3	<a href="http://core.tamu.edu">core.tamu.edu</a>	<a href="http://core.tamu.edu">core.tamu.edu</a>
Elective in Language, Philosophy & Culture	3	<a href="http://core.tamu.edu">core.tamu.edu</a>	<a href="http://core.tamu.edu">core.tamu.edu</a>
Introduction to Psychology	3	PSYC 2301	PBSI 107
Oceanography	4	GEOL1445/GEOL 1345 & 1145	OCNG 251 & OCNG 252
Statistics	3	MATH 1342 or 1442	STAT 201

The recommendations below are adjusted from a standard TAMUG student’s schedule to include only transferable coursework within the degree plan. If you are 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.
CHEM 1411	CHEM 119	Fundamentals of Chem I	4
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Math I	3
ENGL 1302	ENGL 104	Composition & Rhetoric	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	American History I	3
<b>Total</b>			<b>13</b>

**SPRING SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
CHEM 1412	CHEM 120	Fundamentals of Chemistry II	4
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Math II	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Communication	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	American History II	3
<b>Total</b>			<b>13</b>

**Second Year**

**FALL SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
BIOL 1406	BIOL 111	Introductory Biology I	4
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Language, Philosophy & Culture	3
GOVT 2306	POLS 207	State & Local Government	3
	<a href="http://core.tamu.edu">core.tamu.edu</a>	Creative Arts	3
<b>Total</b>			<b>13</b>

**SPRING SEMESTER**

TCCNS	TAMU	Course Name	Hrs.
MATH 1342	STAT 201	Statistics	3
GEOL 1445	OCNG 251 & OCNG 252	Oceanography	4
GOVT 2305	POLS 206	American National Government	3
PSYC 2301	PBSI 107	Intro to Psychology	3
<b>Total</b>			<b>13</b>



### Coursework Timeline

- Competitive applicants will have the Recommended 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 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 Foundational Sciences 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 Oceans and One Health.
- 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.
- This major requires the declaration of **two minors**. Applicants are not expected to decide upon their minors prior to admission. However, core and elective coursework taken prior to transfer may count toward future minors. If you do have a minor or minors in mind, you are encouraged to contact this program's advisor for assistance with choosing core and elective courses that might fulfill minor requirements.

### Career & Educational Opportunities

The concept of One Health is an interdisciplinary approach that recognizes the interconnectedness between the health of people, animals and the environment. **Oceans and One Health** focuses on the coastal and marine environments, encompassing the study of the impacts of oceanic and coastal environments on human health, as well as the reciprocal effects of human activities on marine ecosystems. This approach emphasizes collaboration between scientists, policymakers, and stakeholders to address complex environmental and public health challenges, such as marine pollution, infectious diseases, food security, and climate change. By understanding the interconnectedness of ocean and human health, Oceans and One Health aims to promote sustainable practices and protect human populations and marine ecosystems for future generations.

The Bachelor of Science in University Studies, Oceans and One Health Concentration is designed for students passionate about health sciences and eager to make a difference in coastal communities. The degree provides flexible paths into the medical, dental or veterinary fields while providing an interdisciplinary program with a unique focus on health issues in urbanized coastal communities and customized minor options for a competitive advantage in the workforce.

### 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.