### Recommended Coursework for Admission

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hrs.</th>
<th>TCCNS</th>
<th>TAMU</th>
</tr>
</thead>
<tbody>
<tr>
<td>American History</td>
<td>6</td>
<td>core.tamu.edu</td>
<td>core.tamu.edu</td>
</tr>
<tr>
<td>Mathematics I</td>
<td>4</td>
<td>MATH 2412</td>
<td>MATH 150</td>
</tr>
<tr>
<td>Mathematics II</td>
<td>4</td>
<td>MATH 2413</td>
<td>MATH 147 or 151</td>
</tr>
<tr>
<td>American National Government</td>
<td>3</td>
<td>GOVT 2305</td>
<td>POLS 206</td>
</tr>
<tr>
<td>State and Local Government</td>
<td>3</td>
<td>GOVT 2306</td>
<td>POLS 207</td>
</tr>
<tr>
<td>Composition and Rhetoric</td>
<td>3</td>
<td>ENGL 1302</td>
<td>ENGL 104</td>
</tr>
<tr>
<td>Elective in Creative Arts**</td>
<td>3</td>
<td>core.tamu.edu</td>
<td>core.tamu.edu</td>
</tr>
<tr>
<td>Elective in Language, Philosophy, Culture**</td>
<td>3</td>
<td>core.tamu.edu</td>
<td>core.tamu.edu</td>
</tr>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>ECON 2302</td>
<td>ECON 202</td>
</tr>
<tr>
<td>Introductory Biology I*</td>
<td>4</td>
<td>BIOL 1406</td>
<td>BIOL 111</td>
</tr>
<tr>
<td>Fundamentals of Chemistry I</td>
<td>4</td>
<td>CHEM 1411</td>
<td>CHEM 119</td>
</tr>
<tr>
<td>Fundamentals of Chemistry II</td>
<td>4</td>
<td>CHEM 1412</td>
<td>CHEM 120</td>
</tr>
<tr>
<td>College Physics I</td>
<td>4</td>
<td>PHYS 1401</td>
<td>PHYS 201</td>
</tr>
<tr>
<td>College Physics II</td>
<td>4</td>
<td>PHYS 1402</td>
<td></td>
</tr>
<tr>
<td>Elective in Communications</td>
<td>3</td>
<td>core.tamu.edu</td>
<td>core.tamu.edu</td>
</tr>
</tbody>
</table>

- 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 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

<table>
<thead>
<tr>
<th>TCCNS</th>
<th>TAMU</th>
<th>Course Name</th>
<th>Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>core.tamu.edu</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1406</td>
<td>BIOL 111</td>
<td>Introductory Biology I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2412</td>
<td>MATH 150</td>
<td>Math I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1411</td>
<td>CHEM 119</td>
<td>Fundamentals of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total</td>
<td>15</td>
</tr>
</tbody>
</table>

#### SPRING SEMESTER

<table>
<thead>
<tr>
<th>TCCNS</th>
<th>TAMU</th>
<th>Course Name</th>
<th>Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1302</td>
<td>ENGL 104</td>
<td>Composition &amp; Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1412</td>
<td>CHEM 120</td>
<td>Fundamentals of Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2413</td>
<td>MATH 147 or 151</td>
<td>Math II</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>core.tamu.edu</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total</td>
<td>14</td>
</tr>
</tbody>
</table>

### Second Year

#### FALL SEMESTER

<table>
<thead>
<tr>
<th>TCCNS</th>
<th>TAMU</th>
<th>Course Name</th>
<th>Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>core.tamu.edu</td>
<td>Communication</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 1401</td>
<td>PHYS 201</td>
<td>College Physics</td>
<td>4</td>
</tr>
<tr>
<td>GOVT 2305</td>
<td>POLS 206</td>
<td>American Nat'l Government</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>core.tamu.edu</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Language, Philosophy, &amp; Culture</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total</td>
<td>13</td>
</tr>
</tbody>
</table>

#### SPRING SEMESTER

<table>
<thead>
<tr>
<th>TCCNS</th>
<th>TAMU</th>
<th>Course Name</th>
<th>Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 2425</td>
<td>core.tamu.edu</td>
<td>Creative Arts</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 1402</td>
<td>PHYS 201</td>
<td>College Physics</td>
<td>4</td>
</tr>
<tr>
<td>GOVT 2306</td>
<td>POLS 207</td>
<td>Government/Political Science</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2302</td>
<td>ECON 202</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total</td>
<td>13</td>
</tr>
</tbody>
</table>
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 Fisheries.
- 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.