



**MY DEGREE MAP**  
**COLLEGE OF SCIENCE AND ENGINEERING**  
**MARINE BIOLOGY**  
**ACADEMIC YEAR 2025-2026**

YEAR ONE			
FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
TROY 1101 OR TROY 1105	1	ENGLISH 1102	3
ENGLISH 1101	3	CHM 1143	3
CHM 1142	3	CHM L143	1
CHM 1142	1	BIO 1101	3
BIO 1100	3	BIO L101	1
BIO L100	1	MTH 1125	4
FREE ELECTIVE (MTH 1114 DR)	3		
<b>TOTAL SEMESTER HOURS</b>	<b>15</b>	<b>TOTAL SEMESTER HOURS</b>	<b>15</b>

YEAR TWO					
THIRD SEMESTER	HOURS	FOURTH SEMESTER	HOURS	SUMMER	HOURS
AREA II HUMANITIES OR FINE ARTS (COM 1101 DR)	3	BIO 2220	3	COMPLETE 8 HOURS OF MARINE BIOLOGY CREDIT AT DISL	8
AREA IV SOCIAL SCIENCE	3	STAT 2210 OR BIO 3315	3		
CHM 3342	3	CHM 3343 OR CHM 3352	3		
CHM L342	1	CHM L343 OR CHM L352	1		
BIO 2229	3	MAJOR ELECTIVE	3		
BIO L229	1	MAJOR ELECTIVE LAB	1		
<b>TOTAL SEMESTER HOURS</b>	<b>14</b>	<b>TOTAL SEMESTER HOURS</b>	<b>14</b>	<b>TOTAL SEMESTER HOURS</b>	<b>8</b>

YEAR THREE					
FIFTH SEMESTER	HOURS	SIXTH SEMESTER	HOURS	SUMMER	HOURS
PHY 2252	3	PHY 2253	3	COMPLETE 8 HOURS OF MARINE BIOLOGY CREDIT AT DISL	8
PHY L252	1	PHY L253	1		
BIO 3307	3	BIO 3320	3		
BIO L307	1	AREA IV HISTORY	3		
AREA II LITERATURE	3	AREA IV SOCIAL SCIENCE	3		
LDR 1100	3	MAJOR ELECTIVE	3		
		MAJOR ELECTIVE LAB	1		
		FILE YOUR GRADUATION APPLICATION			
<b>TOTAL SEMESTER HOURS</b>	<b>14</b>	<b>TOTAL SEMESTER HOURS</b>	<b>17</b>	<b>TOTAL SEMESTER HOURS</b>	<b>8</b>

YEAR FOUR			
SEVENTH SEMESTER	HOURS		
MAJOR ELECTIVE	3		
MAJOR ELECTIVE LAB	1		
MAJOR ELECTIVE	2		
BIO 4484	1		
AREA II FINE ARTS	3		
AREA IV SOCIAL SCIENCE	3		
AREA II HUMANITIES OR FINE ARTS	3		
<b>TOTAL SEMESTER HOURS</b>	<b>16</b>		

**TOTAL PROGRAM HOURS: 120**

AREA I		
ENG 1101	Composition and Modern English I (Minimum grade of C required)	3 Hours
ENG 1102	Composition and Modern English II (Minimum grade of C required)	3 Hours

AREA II		
Any 1000-2000 level course in Literature		3 Hours
Any 1000-2000 level course with an expanded historical and cultural scope in the Fine Arts, including the disciplines of Art, Music, Theatre, Film, or other Fine Arts areas.		3 Hours
Any two 1000-2000 level courses with an expanded historical and cultural scope in the Humanities/Fine Arts disciplines, including English, Foreign Languages, Nursing, Religion, Philosophy, Classics, Theatre, Music, Dance, Communication, Sign Language, Interdisciplinary Studies, or other Humanities/Fine Arts areas. Note: COM 1101 is a departmental recommendation.		6 Hours
When selecting general studies courses in AREA II and/or AREA IV, you must complete a six-hour sequence in Literature or History. The course sequence must be completed in one content area.		

AREA III		
MTH 1125	Calculus I (Minimum grade of C required)	4 Hours
BIO 1100 and BIO L100	Principles of Biology and Lab	4 Hours
CHM 1142 and CHM L142	General Chemistry I and Lab	4 Hours

AREA IV		
Any 1000-2000 level course with a primary focus in History.		3 Hours
Take any three 1000-2000 level courses from the following Social Science disciplines: Anthropology, Business, Criminal Justice, Economics, Education, Finance, Geography, History, Human Services, Hospitality, Sport, and Tourism Management, Leadership, Interdisciplinary Studies, Nutrition, Nursing, Political Science, Psychology, Religion, Social Work, Sociology, or other Social Science areas.		9 Hours
When selecting general studies courses in AREA II and/or AREA IV, you must complete a six-hour sequence in Literature or History. The course sequence must be completed in one content area.		

AREA V		
TROY 1101 or	The University Experience	1 Hour
TROY 1105	Learning Mindset Freshman Seminar	3 Hours
LDR 1100	Introduction to Leadership	3 Hours
BIO 1101 and BIO L101	Organismal Biology and Lab (Minimum grade of C required)	4 Hours
CHM 1143 and CHM L143	General Chemistry II and Lab (Minimum grade of C required)	4 Hours
<b>Take one Physics sequence from the following:</b>		
PHY 2252 and PHY L252 and PHY 2253 and PHY L253	General Physics I and Lab and General Physics II and Lab	4 Hours
PHY 2262 and PHY L262 and PHY 2263 and PHY L253	Physics I with Calculus and Lab And Physics II with Calculus and Lab	4 Hours

<b>MARINE BIOLOGY</b>		
BIO 2229	General Ecology (Minimum grade of C required)	3 Hours
BIO L229	General Ecology Lab (Minimum grade of C required)	1 Hour
BIO 2220	Principles of Cell Biology	3 Hours
BIO 3320	Genetics	3 Hours
BIO 4484	Senior Seminar in Biological & Environmental Sciences	1 Hour
CHM 3342	Organic Chemistry I	3 Hours
CHM L342	Organic Chemistry I Lab	1 Hour
BIO 3307	Invertebrate Zoology	3 Hours
BIO L307	Invertebrate Zoology Lab	1 Hour
BIO 3315 or STAT 2210	Introduction to Biostatistics or Introductory Statistics	3 Hours
CHM 3343 or CHM 3352	Organic Chemistry II or Biochemistry	3 Hours
CHM L343 or CHM L352	Organic Chemistry II Lab or Biochemistry Lab	1 Hour
	Complete 14 additional semester hours of adviser-approved biology or marine biology courses.	14 Hours

<b>DAUPHIN ISLAND SEA LAB</b>	
Dauphin Island Sea Lab courses are offered during the summer term. Students are required to take the following prerequisites before attending Dauphin Island Sea Lab: CHM 1143, CHM L143, BIO 1101, BIO L101, BIO 2229, BIO L229. A grade of C or better is required in the prerequisites. Students must also comply with all DISL catalog prerequisites for individual courses.	
Complete 16 semester hours of Marine Biology courses approved by the Dauphin Island Sea Lab liaison and Department Chair.	16 Hours

<b>FREE ELECTIVES</b>	
Take 2 semester hours of free electives. MTH 1114 is a departmental recommendation.	2 Hours

My Degree Map serves as a guide to assist you with the proper sequence and selection of courses. It includes the required coursework and suggested sequence of courses for a particular degree program. It does not replace your program evaluation, which is the official document used to clear students for graduation. Every reasonable attempt to ensure accuracy has been made. Some courses, such as developmental or pre-requisite courses, are not reflected in this degree map. Completion of degree requirements is based on the specific catalog year for each student. A minimum of 120 hours is required for all baccalaureate degree programs. At least 25% of the credit hours required for the degree must be completed in residency with Troy University. At least 12 semester hours of residency must be completed in each major field(s) of study. A minimum GPA of 2.0 overall and in the major is required to graduate. Please review the current Academic Catalog for other requirements not covered in this document. A sequence in literature or history is required. When selecting coursework in Areas II or IV, please consider this requirement. In order to graduate, students must meet all requirements and file a Graduation Application through the Graduation Overview tab in Self-Service by the deadline posted on the Academic Calendar.

#### **SPECIAL NOTE FOR UNIVERSITY HONORS GLOBAL SCHOLARS**

All students in the UHGS program are required to complete 12 credits of Honors courses, which include HON 1101 (3), HON 2201 (3), HON 3380 (3), and HON CORE 4498 (3). With the approval of the Honors Program Director, the Associate Provost for Academic Affairs, and the relevant academic Dean, these courses may be substituted for certain University General Studies requirements. In general, HON 1101 replaces TROY 1101 in Area V, while HON 2201/HON 3380/HON 4498 replace 9sh of free electives. If the degree program doesn't require free electives, or if the free electives section has been fulfilled, HON 2201/HON 3380/HON 4498 may replace Area II or Area IV credit hours, or major/minor electives in some cases, if approved by the Department Chair and/or Dean of the discipline.