

**Department of Biological & Environmental Sciences**  
**Troy University**  
**Troy, AL**

**Marine Biology Program - 120 Semester Hours (SH)**

**Students Entering Fall 2012**

Name: \_\_\_\_\_

(type or print)

Date: \_\_\_\_\_

(month/day/year)

Transfer courses accepted:

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A minimum of 50 % of all degree program hours must be earned with senior college hours.

**GENERAL STUDIES REQUIREMENTS: 63 SH**

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R G E

**Area I (6 SH)**

|          |                              |   |
|----------|------------------------------|---|
| ENG 1101 | Composition & Modern Eng. I  | 3 |
| ENG 1102 | Composition & Modern Eng. II | 3 |

**Area II (13 SH)**

*Must complete a six hour sequence in World/British/Amer. Lit. or U.S./Western Civ./World History (Area II and/or IV). A total of 6 hours from Area II and/or Area IV must be International in scope.*

*International classes are indicated by ( \* )*

|          |                        |   |
|----------|------------------------|---|
| COM 2241 | Fundamentals of Speech | 3 |
|----------|------------------------|---|

*Complete (4) Semester Hours*

|           |                    |   |
|-----------|--------------------|---|
| ART 1133* | Visual Arts        | 2 |
| MUS 1131* | Music Appreciation | 2 |
| DRA 2200  | Intro. to Drama    | 2 |

*Complete (3) Semester Hours*

|           |                                 |   |
|-----------|---------------------------------|---|
| ENG 2205* | World Literature before 1660    | 3 |
| ENG 2206* | World Literature after 1660     | 3 |
| ENG 2211  | American Literature before 1875 | 3 |
| ENG 2212  | American Literature after 1875  | 3 |
| ENG 2244  | British Literature before 1785  | 3 |
| ENG 2245  | British Literature after 1785   | 3 |

*Complete (3) Semester Hours*

|           |                              |   |
|-----------|------------------------------|---|
| CLA 2260* | Classical Mythology          | 3 |
| ENG 2205* | World Literature before 1660 | 3 |

|           |                                 |   |
|-----------|---------------------------------|---|
| ENG 2206* | World Literature after 1660     | 3 |
| ENG 2211  | American Literature before 1875 | 3 |
| ENG 2212  | American Literature after 1875  | 3 |
| ENG 2244  | British Literature before 1785  | 3 |
| ENG 2245  | British Literature after 1785   | 3 |
| FRN 1101* | Introductory French I           | 3 |
| GER 1121* | Introductory German I           | 3 |
| GRK 1111* | Introductory Greek I            | 3 |

Crossroads: Soph. Inter.

|           |                              |   |
|-----------|------------------------------|---|
| IDS 2200  | Seminar in Creative Thinking | 3 |
| LAT 1131* | Introductory Latin I         | 3 |
| PHI 2203  | Intro to Philosophy          | 3 |
| PHI 2204  | Ethics and Modern World      | 3 |
| REL 2280* | World Religions              | 3 |
| SPN 1141* | Introductory Spanish I       | 3 |

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**Area III (12 SH)**

|           |                         |   |
|-----------|-------------------------|---|
| BIO 1100  | Prin. of Biology        | 3 |
| BIO L100  | Prin. of Biology Lab    | 1 |
| *CHM 1142 | General Chemistry I     | 3 |
| CHM L142  | General Chemistry I Lab | 1 |
| *MTH 1125 | Calculus I              | 4 |

**\*Placement Test Required**

**Area IV (12 SH)**

*Complete (3) Semester Hours*

|           |                         |   |
|-----------|-------------------------|---|
| HIS 1101  | Western Civilization I  | 3 |
| HIS 1102  | Western Civilization II | 3 |
| HIS 1111  | U.S. to 1877            | 3 |
| HIS 1112  | U.S. since 1877         | 3 |
| HIS 1122* | World History to 1500   | 3 |
| HIS 1123* | World History from 1500 | 3 |

*Complete (9) Semester Hours*

|           |                          |   |
|-----------|--------------------------|---|
| ANT 2200* | Anthropology             | 3 |
| ECO 2251* | Prin. of Macroeconomics  | 3 |
| ECO 2252* | Prin. of Microeconomics  | 3 |
| GEO 2210* | World Regional Geography | 3 |
| HIS 1101  | Western Civilization I   | 3 |
| HIS 1102  | Western Civilization II  | 3 |
| HIS 1111  | U.S. to 1877             | 3 |
| HIS 1112  | U.S. since 1877          | 3 |
| HIS 1122* | World History to 1500    | 3 |
| HIS 1123* | World History from 1500  | 3 |

Crossroads: Soph. Inter.

|           |                           |   |
|-----------|---------------------------|---|
| IDS 2200  | Sem. in Creative Thinking | 3 |
| POL 2260* | World Politics            | 3 |
| POL 2241  | American National Govt    | 3 |
| PSY 2200  | General Psychology        | 3 |
| PSY 2210  | Developmental Psychology  | 3 |
| SOC 2275  | Intro. to Sociology       | 3 |

**MARINE BIOLOGY PROGRAM**

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R G E

**Area V. (20 SH)**

|           |                           |   |
|-----------|---------------------------|---|
| IS 2241   | Computer Concepts & Appl. | 3 |
| TROY 1101 | University Orientation    | 1 |
| BIO 1101  | Organismal Biology        | 3 |
| BIO L101  | Organismal Biology Lab    | 1 |
| CHM 1143  | General Chemistry II      | 3 |
| CHM L143  | General Chemistry II Lab  | 1 |

*Complete one sequence*

|          |                        |   |
|----------|------------------------|---|
| PHY 2252 | General Physics I      | 3 |
| PHY L252 | General Physics I Lab  | 1 |
| PHY 2253 | General Physics II     | 3 |
| PHY L253 | General Physics II Lab | 1 |

*or*

|          |                              |   |
|----------|------------------------------|---|
| PHY 2262 | Physics I with Calculus      | 3 |
| PHY L262 | Physics I with Calculus Lab  | 1 |
| PHY 2263 | Physics II with Calculus     | 3 |
| PHY L263 | Physics II with Calculus Lab | 1 |

**Electives (2 SH)**

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*Special Topics in Biology (BIO 4476), Guided Independent Studies (BIO 4491/4492), and Guided Independent Research (BIO 4493/4494) may only be taken for a maximum of 6 semester hours.*

**Marine Biology Program (55 SH)**

*Required Core (23 SH)*

|          |                           |   |
|----------|---------------------------|---|
| BIO 2220 | Prin. of Cell Biology     | 3 |
| BIO L220 | Prin. of Cell Biology Lab | 1 |
| BIO 2229 | General Ecology           | 3 |
| BIO L229 | General Ecology Lab       | 1 |
| BIO 3320 | Genetics                  | 3 |
| BIO L320 | Genetics Lab              | 1 |
| CHM 3342 | Organic Chemistry I       | 3 |
| CHM L342 | Organic Chemistry I Lab   | 1 |
| CHM 3343 | Organic Chemistry II      | 3 |
| CHM L343 | Organic Chemistry II Lab  | 1 |
| MTH 2210 | Applied Statistics        | 3 |

*Troy University Courses (16 SH)*

|          |                          |   |
|----------|--------------------------|---|
| BIO 3307 | Invertebrate Zoology     | 3 |
| BIO L307 | Invertebrate Zoology Lab | 1 |

*Complete 12 additional semester hours of advisor approved biology courses.*

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*Courses to be taken at Dauphin Island Sea Lab (DISL) (16 SH)*

Complete 16 semester hours of Marine Biology (MB) courses approved by the DISL liaison and Department Chair.

**Total Hours Completed including** \_\_\_\_\_

**Hours to be completed** \_\_\_\_\_

**General Studies Courses** \_\_\_\_\_

**Program I** \_\_\_\_\_

**Free Electives** \_\_\_\_\_

**Senior Level Hours Required** \_\_\_\_\_

**Senior Level Hours Earned** \_\_\_\_\_

**Senior Level Remaining** \_\_\_\_\_

**SPECIAL NOTE:**

Every reasonable effort to attain accuracy has been made: no responsibility is assumed for editorial, clerical, or printing errors or errors occasioned by honest mistake. Should you discover an error, it is your responsibility to report it immediately to the Departmental Office.