MARINE AFFAIRS, B.S.
College of the Environment & Life Sciences (CELS)

Department: Marine Affairs, 874-2596, www.uri.edu/cels/maf
UC Advisors: Bruce Marti, bma7215u@postoffice.uri.edu, 874-4040
Option: B.S. in Marine Affairs
Credits: 120

The Major: Bachelor of Science in Marine Affairs
The primary objective of the major in Marine Affairs is to educate students in the interdisciplinary analysis needed for effective marine and coastal management. Students will study and gain familiarity with issues confronting the policymaker and manager at the local, state, regional, national, and international levels. In addition, students develop an understanding of the socioeconomic, political, and legal effects of decisions and their implications. Students in this program will obtain a stronger background in science and mathematics than those in the Marine Affairs B.A. program. Specialty areas in this major include: fisheries and marine ecosystems, coastal management, maritime transportation and ports, and ocean policy.

Career Options: This major establishes a background for careers in the public or private sectors in a wide variety of marine-related fields. Typical areas of employment include positions in government agencies (federal, state, and local) concerned with coastal zone, environmental, or fisheries management, and in marine transportation. In the private sector, graduates secure positions in environmental consulting firms, marine insurance, public-interest nongovernmental organizations, marinas, ports, and companies involved in shipping.

The Marine Affairs (B.S.) major provides a strong educational background for continued study in law—especially environmental, fishery, coastal zone, admiralty, and ocean law. Students are also prepared to pursue graduate and professional programs in environmental management, public administration, community planning, marine affairs and related fields.

Transfer out of UC: Must have completed at least 24 credits, including MAF 100 and MAF 120, with a minimum GPA of 2.00, and received permission from the UC major advisor.

The following is an example of the typical course schedule for the first 4 semesters for a student in the B.S. Program in Marine Affairs. These are recommended course selections for Marine Affairs majors in University College; there may be variations based on course availability and schedule restraints. Some classes are not offered every semester. It is important to plan ahead and consult with your advisor to allow yourself time to enroll in the classes you wish to take.

### Semester I (Fall)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>URI 101 freshman at URI</td>
<td>1</td>
</tr>
<tr>
<td>MAF 100 Use &amp; Mgt Marine Envr.</td>
<td>3</td>
</tr>
<tr>
<td>BIO 101 Principles of Biology</td>
<td>4</td>
</tr>
<tr>
<td>COM 100/COM 110 Comm. Fundam.</td>
<td>3</td>
</tr>
<tr>
<td>General Ed. (A, L, or F)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total credits:</strong></td>
<td>14</td>
</tr>
</tbody>
</table>

### Semester II (Spring)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAF 120</td>
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</tr>
<tr>
<td>MTH 111 Precalculus or 131</td>
<td>3</td>
</tr>
<tr>
<td>OCG 123 Oceans, Atmo. &amp; Glob.</td>
<td>4</td>
</tr>
<tr>
<td>WRT 104 or 105 Composition</td>
<td>3</td>
</tr>
<tr>
<td>General Ed. (A, L, or F)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total credits:</strong></td>
<td>13-16</td>
</tr>
</tbody>
</table>

### Semester III (Fall)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAF 320 Ship./Ports or 330</td>
<td>3</td>
</tr>
<tr>
<td>EEC 105 Resource Economics</td>
<td>3</td>
</tr>
<tr>
<td>General Ed. (A, L, or F)</td>
<td>4</td>
</tr>
<tr>
<td>Basic Science course</td>
<td>3-4</td>
</tr>
<tr>
<td><strong>Total credits:</strong></td>
<td>12-13</td>
</tr>
</tbody>
</table>

### Semester IV (Spring)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAF 220 Intro. Marine &amp; Coast.</td>
<td>3</td>
</tr>
<tr>
<td>Basic Science course</td>
<td>3-4</td>
</tr>
<tr>
<td>General Ed. (A, L, or F)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total credits:</strong></td>
<td>12-13</td>
</tr>
</tbody>
</table>
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General Education (36 credits): All Category MQ (Mathematical & Quantitative Reasoning), N (Natural Sciences), and S (Social Sciences) General Education requirements (15 cr.) are satisfied by courses taken as part of the major. Thus, to satisfy URI’s General Education requirements Marine Affairs students should take COM 100/COM 110, WRT 104 or 105, and only 15 credits of General Education courses from Category A (Fine Arts & Literature), L (Letters), or F (Foreign Language/Culture). See the URI Course Catalog (also on the web at http://www.uri.edu/catalog/cataloghtml/index.html) for a listing of all General Education courses.

Introductory Professional Courses (9 credits): These credits go towards Concentration. The following classes are required for completion of the B.S. Program in Coastal & Marine Policy Management:
- MAF 100 Human Use & Management of the Marine Environment
- MAF 120 New England & the Sea
- MAF 220 Introduction to Marine & Coastal Law

Supporting Requirements (15-17 credits):
- BIO 101 Principles of Biology I
- MTH 111 Precalculus or 131 Calculus
- OCG 123 Oceans, Atmosphere, and Global Change or 401 General Oceanography
- STA 220 Statistics in Modern Society
- WRT 333 Scientific & Technical Writing

Concentration (30 credits):
This concentration includes the introductory professional courses noted above.
- MAF 410 Senior Seminar in Marine Affairs
- MAF 482 Quantitative Methods in Marine Affairs

And select five of the following courses:
- MAF 312 The Politics of the Ocean
- MAF 320 Shipping & Ports
- MAF 330 World Fishing
- MAF 413 Peoples of the Sea
- MAF 415 Marine Pollution Policy
- MAF 461 Coastal Zone Management
- MAF 465 GIS Applications in Coastal & Marine Management
- MAF 471 Island Ecosystem Management
- MAF 472 Marine Recreation & Tourism Management Seminar
- MAF 475 Human Responses to Coastal Hazards & Disasters
- MAF 484 Environmental Analysis & Policy in Coastal Management
- MAF 490 Field Experience in Marine Affairs
- MAF 499 Directed Study

Students must also take 18 credits from the following, of which 9 credits must be at the 300 level or above:
- AFS 102, 201,202, 210, 211, 312, 315, 321/322,332, 362, 432, 483;
- BIO 141, 262, 345, 355, 360, 418, 455/457;
- CHM 103, 112, 124/126;
- GEO 100, 103, 210, 240, 277, 370, 450, 483;
- EEC 105, 110, 205,310, 345, 356, 410, 432, 435, 440, 441, 456, 460;
- NRS 223, 361, 406, 409, 410, 423, 424, 440, 461,482, 497;
- OCE 101, 215,216, 307, 310, 311, 492;
- OCG 493, 494;
- STA 308, 409, 412, 413.

Free Electives (30+ credits):
Students are encouraged to utilize these credits toward a minor or to strengthen their science background.
MARINE AFFAIRS, B.S., 120 CREDITS (EL_CMPM_BS)
College of the Environment & Life Sciences (CELS)
Department of Marine Affairs

STUDENT__________________________ ID #__________________ ADVISOR__________________________

I. GENERAL EDUCATION (38 Credits)

English Communication (EC):
COM100______ (3)

Writing (CW):
WRT 333______ (3)

Mathematics (M):
MTH 111______ (3) or MTH 131______ (3)

Natural Sciences (N):
BIO 101______ (4) or OCG 123______ (4) or OCG 401______ (3)
**OCG 401 does not meet general education (N) requirement

Social Sciences (S):
_____(3) MAF 100______ (3)

(15 credits from L, A, F)

Letters (L):
_____(3) ______(3)

Fine Arts & Literature (A): ______(3) ______(3)

Foreign Language (FC): ______(3) ______(3)

Please reference the URI catalog for a listing of courses that meet the proper requirements

II. MAJOR (30 Credits MAF)

A. Required Major Courses (15 credits)

MAF 100*______ (3) MAF 120______ (3)

MAF 220______ (3) MAF 410______ (3)

MAF 482______ (3) Note: STA 220 is a prerequisite for this course

Select 5 courses from the following list (15 credits):

MAF 312______ (3) MAF 465______ (3)

MAF 320______ (3) MAF 471______ (3)

MAF 330______ (3) MAF 472______ (3)

MAF 413______ (3) MAF 475______ (3)

MAF 415______ (3) MAF 484______ (3)

MAF 461______ (3) MAF 490______ (3-6)

MAF 499______ (1-3)

B. Supporting Electives (12 credits)

You must take 12 credits from among the following courses; at least 6 credits must be earned in courses at the 300 level or above. Other courses that are marine related in the departments giving these courses may be approved by the Chair of the Department of Marine Affairs.

AFS 102______ (3) AFS 201______ (3) AFS 202______ (3)

AFS 210______ (3) AFS 211______ (1) AFS 311______ (3)

AFS 312______ (3) AFS 315______ (3) AFS 321______ (3)

AFS 322______ (1) AFS 332______ (3) AFS362______ (3)

AFS 432______ (3) AFS483______ (3)

BIO 141______ (3) BIO 262______ (3) BIO 345______ (3)

BIO 355______ (3) BIO 360______ (4) BIO 418______ (3)

BIO 455______ (3) BIO 457______ (1)

CHM 103______ (3) CHM 112______ (3)

CHM 124______ (3) CHM 126______ (1)

ECC 105______ (3) ECC 110______ (3) ECC 205______ (3)

ECC 310______ (3) ECC 345______ (3) ECC 356______ (3)

ECC 410______ (3) ECC 432______ (3) ECC 435______ (3)

ECC 440______ (3) ECC 441______ (3) ECC 456______ (3)

ECC 460______ (3)

GEO 100______ (3) GEO 103______ (4) GEO 210______ (4)

GEO 240______ (4) GEO 277______ (3) GEO 320______ (4)

GEO 370______ (3) GEO 450______ (4) GEO 483______ (4)

NRS 223______ (3) NRS 361______ (4) NRS 406______ (3)

NRS 409______ (3) NRS 410______ (3) NRS 423______ (4)

NRS 424______ (4) NRS 440______ (4) NRS 461______ (4)

NRS/GEO 482______ (3) NRS 497______ (6-12)

OCE 101______ (1) OCE 215______ (1) OCE 216______ (1)

OCE 307______ (3) OCE 310______ (4) OCE 311______ (4)

OCE 492______ (1)

OCG 493______ (3) OCG 494______ (3)

PHY 109______ (3) PHY 110______ (1) PHY 111______ (3)

PHY 112______ (3) PHY 130______ (3) PHY 185______ (1)

PHY 186______ (1) PHY 213______ (3) PHY214/286______ (3)

PHY 273______ (1) PHY 285______ (1) PHY 306______ (3)

STA 308______ (3) STA 409______ (3) STA 412______ (3)

STA 413______ (3)

Electives:

________________ ( ) _________________ ( ) ____________ ( )

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