



College of Liberal Arts Advising Guide

Marine Studies is an interdisciplinary field of study that explores the dynamic relationship between people and the marine environment. The Marine Studies program contributes to this field by emphasizing the human dimensions and perspectives of the coasts and ocean. These human dimensions coalesce in the social sciences, arts, and humanities. This program is for students who are seeking expertise in these liberal arts methods and are keenly aware of the importance of understanding human dimensions to address the growing challenges and opportunities for coastal and ocean sustainability.

In contrast to other existing degrees with a marine focus, the Marine Studies degree emphasizes and celebrates the human component(s) of our interactions with the ocean and coastal environments. While the degree recognizes the essential role the natural sciences play in understanding all elements of the earth including the seas (and requires some basic, lower-division training in those areas) it specifically and repeatedly asks students to examine, filter, and express their knowledge and learning through transdisciplinary humanistic and cultural lenses.

Hallmarks of the Marine Studies degree

- Foundational coursework to develop critical thinking regarding human interactions with the marine environment that is grounded in knowledge of its natural characteristics.
- Core classes that provide students with interdisciplinary training, including diverse perspectives and methodological approaches to problem solving and decision-making, in marine related fields of inquiry across the social sciences, arts, and humanities.
- Required coastal experience courses offered at Hatfield Marine Science Center (HMSC) or offered at Corvallis or via Ecampus with significant course dimensions integrating with HMSC.
- Advanced elective coursework to contextualize marine-focused courses and gain expertise toward transdisciplinary and liberal arts-based specializations such as, but not limited to: environmental and social justice, politics and policy, arts and literature, entrepreneurship, global and transnational perspectives, and community development. Individual specializations provide students with an opportunity to build their educational experience to meet specific career and personal goals.
- An internship requirement to demonstrate experience in a marine context, and a capstone project to apply a range of methods/tools from the arts, humanities, and social sciences to the study of human interactions with the marine environment.

Learning Outcomes

1. Demonstrate critical thinking regarding human interactions with the marine environment that is grounded in knowledge of its unique character and natural properties
2. Critically explore historical and contemporary issues in marine studies
3. Apply a range of social science and art/humanities methods to the study of humans in the marine environment
4. Integrate human interactions with the marine environment from a range of social science and arts/humanities-based perspectives, taking into account matters of ethical, social, and environmental justice
5. Demonstrate experience and professional/personal skill development in a marine context

REQUIREMENTS

- College of Liberal Arts Marine Studies students must satisfy four sets of requirements:
 - OSU Baccalaureate Core
 - College of Liberal Arts Core
 - College of Liberal Arts BA or BS requirements
 - Marine Studies (MAST) major requirements
- Students will select a specialization through “Areas of Distinction” in their third year, consisting of at least 20 upper division credits, an internship and a capstone experience.
- Students will participate in an internship focused on a marine issue and include visits and/or residency in a coastal location.
- Students will enroll in a Capstone Experience involving a substantial project aligned with their area of specialization.
- At least 8 credits of coursework (in addition to the internship and capstone) must be designated as “Coastal Experience”.
- Students must achieve a grade of C- or higher in any course required by the major.
- Except for the BS requirements, a single course can satisfy any combination of two of the above requirements (e.g., MAST and Bacc Core, MAST and Liberal Arts Core, etc.) but not three of the above. Courses taken to fulfill the BS requirement cannot count towards any of the other requirements.

Marine Studies

BACCALAUREATE CORE REQUIREMENTS

48 credits plus WIC course

No single course may be used to satisfy more than one area of the Bacc Core, except WIC.

Marine Studies Specialization Electives may not count towards Bacc Core requirements.

Bacc Core courses are found at <https://catalog.oregonstate.edu/earning-degrees/bcc>

SKILL COURSES – 15 credits			
	Writing 1	4	WR 121
	Writing 2	3	See OSU Catalog for course selections
	Speech	3	COMM 111, COMM 114, COMM 211, COMM 218
	Lifetime Fitness and Health	2	HHS 231
	Lifetime Fitness and Health Lab	1	HHS 241 or any PAC (Physical Activity Course)
	Mathematics	3	MTH 105 or higher
PERSPECTIVES – 24 credits			
	Physical Science w/ lab	4	OC 103, OC 201 or see OSU Catalog for course selections
	Biological Science w/ lab	4	See OSU Catalog for course selections
	Physical or Biological Science w/ lab	4	OC 103, OC 201 or see OSU Catalog for other options
Choose one class in each of the following four areas. No more than two courses from the same department is allowed.			
	Cultural Diversity	3	See OSU Catalog for course selections
	Literature and the Arts	3	See OSU Catalog for course selections
	Social Processes and Institutions	3	See OSU Catalog for course selections
	Western Culture	3	See OSU Catalog for course selections
DIFFERENCE, POWER AND DISCRIMINATION – 3 credits			
	Difference, Power and Discrimination	3	See OSU Catalog for course selections
SYNTHESIS – 6 credits. Courses may not be from the same department.			
	Contemporary Global Issues	3	See OSU Catalog for course selections
	Science, Technology, and Society	3	See OSU Catalog for course selections
WRITING INTENSIVE COURSE (WIC) – 3 or 4 credits			
	Marine Studies degree-approved WIC	3-4	ART 411, EAH 411*, EAH 412*, WR 460, WR 462 <i>Art 411 prerequisite: Minimum score of 1 in Fine Arts Portfolio Review</i> <i>WR 462: Currently needs MAST Academic Advisor to make an exception.</i>

* Bacc Core course

LIBERAL ARTS CORE REQUIREMENTS

15 -20 credits

Marine Studies Specialization Electives may not count towards Liberal Arts Core requirements.

HUMANITIES		
Course in English literature, ethnic studies, film studies and foreign language and literatures, including culture, history and philosophy	3	See OSU Catalog for course selections
FINE ARTS		
Course in art, music, theater, and creative writing in poetry, fiction, creative nonfiction, or drama	3	See OSU Catalog for course selections
SOCIAL SCIENCE		
Course in anthropology; economics; political science; psychology; sociology; women, gender, and sexuality studies; and selected geography courses	3	See OSU Catalog for course selections
NON-WESTERN CULTURE		
Course in any of the following areas focusing outside of Western culture— Africa, Asia, Russia, South America, Central America, Caribbean, Middle East, the Pacific, or Native North Americans	3	See OSU Catalog for course selections
ONE ADDITIONAL COURSE		
From one of the preceding four areas	3	

BACHELOR OF ARTS REQUIREMENTS

- Second-year proficiency in a second language, including ASL, at the college level with a grade of at least C-. This requirement is satisfied via coursework or testing.

BACHELOR OF SCIENCE REQUIREMENTS

A minimum 15-credit block of science, computer science, and quantitative studies as follows. These courses may not count towards any other degree requirements.

COMPUTER SCIENCE AND COS/CEOAS			
	Any Computer Science course approved by the Marine Studies Degree Coordinating and Oversight Committee	3-4	
	Any course from the College of Science or College of Earth, Ocean, and Atmospheric Sciences except Math or Statistics -- approved by the Marine Studies Degree Coordinating and Oversight Committee	3-4	
STATISTICS / MATH SERIES – Choose ONE of the following series			
	ST 351 ST 352	8	Intro to Statistical Methods Intro to Statistical Methods
	MTH 111* MTH 245*	8	College Algebra* Mathematics for Management, Life, and Social Sciences*
	Any 8 credits of MTH courses at the 200 level or above (not including MTH 211 and 212)	8	See OSU Catalog for course selections
	MTH 211* MTH 212 MTH 390	12	Foundations of Elementary Mathematics* Foundations of Elementary Mathematics Foundations of Elementary Mathematics (Pre-elementary education majors only)
	MTH 241* MTH 245* or MTH 251* ST 351	12	Calculus for Management and Social Science* Mathematics for Management, Life, and Social Sciences* or Differential Calculus* Intro to Statistical Methods

* Bacc Core course

MARINE STUDIES MAJOR REQUIREMENTS

57 credits

MAST FOUNDATION – 11 credits

CORE COURSE			
	MAST 201	3	Humans and the Ocean
OCEANOGRAPHY			
	OC 103* or OC 201* or OC 202*	4	Geography of the Deep: Exploring the World's Ocean* or Oceanography* or Introduction to Biological Oceanography*
BIOLOGY			
	BI 150	3	Introduction to Marine Biology
COASTAL EXPERIENCE			
	BI 111 or FW 113	1	Introduction to Marine Life in the Sea or Introduction to Marine Birds and Mammals

*Bacc Core course

MAST CORE – 26 credits

CORE SURVEY – 4 credits			
MAST 300	4		Society, Culture and the Marine Environment
PERSPECTIVES – 22 credits with no more than two courses from the same department			
Ethical, Social and Environmental Justice – Pick two			
ANTH 320	3	*CE	Maritime Cultures and Lifeways
ES 360	4	*CE	Indigenous Ocean and Coast
ES 260*	4	*	Introduction to Pacific Islands Studies
PHL 443*	3	*	World Views and Environmental Values
WGSS 341	PA	CE	Gender, Race and Marine Sciences
ES/WGSS 475	PA	CE	Race, Gender and Labor on the Oregon Coast
Ecosystem Services and Society – Pick one			
BI 347*	3	e*	Oceans in Peril <i>Prerequisites: BI 101, 102, 211, 211H, 213, 213H, 204 or 150</i>
FW 323	3	e	Management Principles of Pacific Salmon in the Northwest
FW 324*	3	*	Food from the Sea
OC 333*	3	*	Oceans, Coasts, and Peoples
Literature, History, and Arts of the Sea – Pick one			
HST 314	4	e	Maritime Histories of the Pacific
ENG 340	4	CE	Literatures of the Coast
WR 460^	PA	^	Writing of the Sea
Politics and Policy – Pick one			
PPOL 446	4	e	Policy and Law of US Coastal Governance
PPOL 448	4	e	Marine Policy in the United States
One Additional Course from any of the above categories			
Any of the above plus courses in development within these schools			Any of the above Writing, Literature and Film Arts & Communication History, Philosophy & Religion

* Bacc Core course
e Course offered online
^ WIC course
CE Coastal Experience
PA Pending Approval

COASTAL EXPERIENCE COURSES – 8 credits

In addition to the 1-credit MAST Foundation Coast Experience Course (BI 111 or FW 113), at least 7 credits of coursework must be designated Coastal Experience. Select from the following. These courses may be double-counted, satisfying this and another degree requirement simultaneously.

OTHER COASTAL EXPERIENCE – Select at least 7 credits from the following courses				
ANTH 320	3	*CE		Maritime Cultures and Lifeways
BI 111	1	CE		Introduction to Marine Life in the Sea (If not used for MAST Foundation course)
BI 353	4	CE		Pacific Northwest Coastal Ecosystems <i>Prerequisites: BI 211, 212, 213</i>
ENG 340	4	CE		Literatures of the Coast
ES 360	4	*CE		Indigenous Ocean and Coast
ES/WGSS 475	4	CE		Race, Gender and Labor on the Oregon Coast
FW 113	1	CE		Introduction to Marine Birds and Mammals (If not used for MAST Foundation course)
FW 302	4	CE, e		Biology and Conservation of Marine Mammals (only if taken at HMSC) <i>Prerequisite: 1 year of introductory biology</i>
FW 331	4	CE		Ecology of Marine and Estuarine Birds
FW 426	5	CE, e		Coastal Ecology and Resource Management <i>Prerequisite: Junior standing or above, and departmental approval FW 320 recommended</i>

- * Bacc Core course
- e Courses offered online
- CE Coastal experience

SPECIALIZATION THROUGH AREAS OF DISTINCTION

Each student will work with their advisor to design an Area of Distinction and propose a course of study to be approved by the Marine Studies Degree Coordinating and Oversight committee.

Specialization plans should be developed early in the third year. Areas include, but are not limited to:

- Environmental and Social Justice
- Politics and Policy
- Arts and Literature
- Global and Transnational Perspectives
- Marine Entrepreneurship
- Community Development

The Marine Studies Specialization consists of **electives**, an **internship** and a **capstone experience**.

Marine Studies Electives in Specialization Area

12 credits minimum

- Advanced courses
- Should not be Core and Foundation classes
- Cannot count toward Baccalaureate Core or Liberal Arts requirements
- If courses are completed prior to approval of the specialization, students shall include in their specialization plan a clear description of how these courses directly serve the specialization.

Internship

4 credits minimum

MAST 410 – Internship in Marine Studies

- Internship must be focused on a marine issue and include visits and/or residency in a coastal location.
- Student should clearly identify how the internship contributes to their intellectual or career goals and be able to reflect on their experience in the context of social and environmental ethics.
- Possibilities include working on a volunteer or paid basis in a museum, a nonprofit organization, a public agency, a business, or as a research assistant.
- Internships will be developed in consultation with and approved by the Marine Studies undergraduate advisor.

Capstone Experience

4 credits

MAST 425 – Marine Studies Capstone Experience

- Student engages in a substantial project, aligned with the student's chosen area of specialization, integrating the perspectives of the Marine Studies Core and Electives, and experiential learning with intensive study of social, political, and/or cultural issues of the ocean and coasts.
- Student will
 - Produce original work that clearly articulates and explores a research question
 - Provide proof of consideration of ethical and social dimensions of the project
 - Demonstrate how the experiential component contributed to the project
 - Include a discussion of methods
 - Provide a clear statement of argument that identifies the project's principal findings

MARINE STUDIES SPECIALIZATION ELECTIVES

- Should not be Core and Foundation classes
- Cannot count toward Baccalaureate Core or Liberal Arts requirements

Course		Credits	Prerequisites
AEC 351	Natural Resource Economics and Policy	3 e*	AEC 250, AREC 250, ECON 201 or 201H
AEC 352	Environmental Economics and Policy	3 e*	AEC 250, AREC 250, ECON 201 or 201H
AEC 452	Marine Economics	3	AEC 351 or AEC 352 - both with D- or better
ANTH 361	Food Justice	4 e*	
ANTH 477	Ecological Anthropology	4 e	
ANTH 478	Anthropology of Tourism	4 e*	
ART 359	Photography: Activism and Social Change	3 e*	
ART 366	History of Art since 1945	3	
BA 362	Social Entrepreneurship & Social Initiatives	4	Junior standing or above
BA 432	Environmental Law, Sustainability, & Business	3 *	Junior standing or above
BI 348 or BI 301	Human Ecology	3 e*	
	Human Impacts on Ecosystems	3 *	
BI 353	Pacific Northwest Coastal Ecosystems	4 CE	BI 211, 212, 213
COMM 316	Advanced Persuasion	3	COMM 111
COMM 324	Communication in Organizations	3	
COMM 380	Image and Myth in Film	3	
COMM 472	Rhetoric of Popular Culture	3	
EAH 411	Perspectives in Environmental Arts & Humanities	4 e*^	
EAH 412	Environmental Science in Context	4 e*^	
ENG 445	Studies in Nonfiction	4 e^	
ES 345	Native Americans in Oregon	4	
ES 460	Ethnicity and Social Justice	4	
FILM 445	Documentary Film Studies	4	
FILM 480	Studies in Film, Culture and Society	4	
FW 302	Biology and Conservation of Marine Mammals	4 CE, e	1 year of introductory biology; Coastal Experience only if taken at HMSC
FW 323	Management Principles of Pacific Salmon in the Northwest	3 e	
FW 331	Ecology of Marine and Estuarine Birds	4 CE	
FW 340	Multicultural Perspectives in Natural Resources	3 e*	
FW 350	Endangered Species, Society, and Sustainability	3 e*	FW 251 recommended
FW 422	Introduction to Ocean Law	3 e	
FW 426	Coastal Ecology and Resource Management	5 CE, e	Junior standing or above, and departmental approval; FW 320 recommended
FW 462	Ecosystem Services	3 e	
GEO 309	Environmental Justice	3 e*	WR 121 or 121H
GEOG 331	Population, Consumption, and Environment	3 e*	
GEOG 430	Resilience-based Natural Resource Management	3	
HST 353	Slavery in the Americas	4 *	
HST 416	Food in World History	4 e*	
HST 481	Environmental History of the United States	4 e*	
HSTS 421	Technology and Change	4 *	
NMC 280	Global Media	3	
NMC 301	Writing for the Media Professional	3 ^	NMC 101
NMC 311	Introduction to Non-profit Management	3	

Course		Credits		Prerequisites
NMC 418	Viral Content	3		
PHL 440	Environmental Ethics	3	e*	
PHL 474	Philosophy of Biology	4	*	
PPOL 441	Energy, Climate and Society	4	*	
PPOL 447	Integrated Policy: Food, Energy, Water & Climate	4	e	
PS 475	Environmental Politics and Policy	4		
PS 476	Science and Politics	4	e*	
PS 477	International Environmental Politics and Policy	4	e	
REL 443	Worldviews and Environmental Values	3	e*	
SOC 381	Social Dimensions of Sustainability	4	e	SOC 204 or SOC 204H
SOC 418	Qualitative Research Methods	4		SOC 204 or SOC 204H
SOC 480	Environmental Sociology	4	e	SOC 204 or SOC 204H
SOC 481	Society and Natural Resources	4	e*	SOC 204 or SOC 204H
SUS 350	Sustainable Communities	4	e*	
SUS 420	Social Dimensions of Sustainability	3	e	
TRAL 353	Nature, Eco, and Adventure Tourism	3		
WGSS 375	Arts and Social Justice	4	*	
WR 462	Environmental Writing	4	^	WR 121 or WR 121H
Z 349	Biodiversity: Causes, Consequences, and Conservation	3	*	

* Bacc Core courses
e Courses offered online
^ WIC course
CE Coastal experience

Environmental and Social Justice

Marine Studies Electives

Choose a minimum of 12 credits with at least 8 from CLA. These are suggested electives. Students may choose courses beyond this list, developing their own electives with approval from the Marine Studies Degree Coordinating and Oversight committee. Courses should not be Core and Foundation classes. They cannot count toward Baccalaureate Core or Liberal Arts requirements

Course		Credits		Prerequisites
AEC 352	Environmental Economics and Policy	3	e*	AEC 250, AREC 250, ECON 201 or 201H
ANTH 361	Food Justice	4	e*	
ANTH 478	Anthropology of Tourism	4	e*	
ART 359	Photography: Activism and Social Change	3	e*	
BA 362	Social Entrepreneurship & Social Initiatives	4		Junior standing or above
ES 345	Native Americans in Oregon	4		
ES 460	Ethnicity and Social Justice	4		
FW 340	Multicultural Perspectives in Natural Resources	3	e*	
GEO 309	Environmental Justice	3	e*	WR 121 or 121H
PHL 440	Environmental Ethics	3	e*	
PPOL 441	Energy, Climate and Society	4	*	
REL 443	Worldviews and Environmental Values	3	e*	
SOC 381	Social Dimensions of Sustainability	4	e	SOC 204 or SOC 204H
SOC 418	Qualitative Research Methods	4		SOC 204 or SOC 204H
SOC 481	Society and Natural Resources	4	e*	SOC 204 or SOC 204H
SUS 420	Social Dimensions of Sustainability	3	e	
WGSS 375	Arts and Social Justice	4	*	
Internship -- focused on topic of specialization				
MAST 410	Marine Studies Internship	4		Minimum 4 credits
Capstone Project -- focused on topic of specialization				
MAST 425	Marine Studies Capstone Experience	4		

* Bacc Core courses

e Courses offered online

Politics and Policy

Marine Studies Electives

Choose a minimum of 12 credits with at least 8 from CLA. These are suggested electives. Students may choose courses beyond this list, developing their own electives with approval from the Marine Studies Degree Coordinating and Oversight committee. Courses should not be Core and Foundation classes. They cannot count toward Baccalaureate Core or Liberal Arts requirements

Course		Credits	Prerequisites
AEC 351	Natural Resource Economics and Policy	3 e*	AEC 250, AREC 250, ECON 201 or 201H
AEC 352	Environmental Economics and Policy	3 e*	AEC 250, AREC 250, ECON 201 or 201H
BA 432	Environmental Law, Sustainability, & Business	3 *	Junior standing or above
BI 348 or BI 301	Human Ecology	3 e*	
	Human Impacts on Ecosystems	3 *	
BI 353 or FW 302	Pacific Northwest Coastal Ecosystems	4 CE	BI 211, 212, 213
	Biology and Conservation of Marine Mammals	4 CE,e	1 year of introductory biology; Coastal Experience only if taken at HMSC
EAH 412	Environmental Science in Context	4 e*^	
ES 345	Native Americans in Oregon	4	
FW 323	Management Principles of Pacific Salmon in the Northwest	3 e	
FW 350	Endangered Species, Society, and Sustainability	3 e*	FW 251 recommended
FW 422	Introduction to Ocean Law	3 e	
NMC 280	Global Media	3	
PHL 440	Environmental Ethics	3 e*	
PPOL 447	Integrated Policy: Food, Energy, Water & Climate	4 e	
PS 475	Environmental Politics and Policy	4	
PS 476	Science and Politics	4 e*	
PS 477	International Environmental Politics and Policy	4 e	
REL 443	Worldviews and Environmental Values	3 e*	
SOC 418	Qualitative Research Methods	4	SOC 204 or SOC 204H
SOC 480	Environmental Sociology	4 e	SOC 204 or SOC 204H
SOC 481	Society and Natural Resources	4 e*	SOC 204 or SOC 204H
Z 349	Biodiversity: Causes, Consequences, and Conservation	3 *	
Internship -- focused on topic of specialization			
MAST 410	Marine Studies Internship	4	Minimum 4 credits
Capstone Project -- focused on topic of specialization			
MAST 425	Marine Studies Capstone Experience	4	

* Bacc Core courses
e Courses offered online
^ WIC course
CE Coastal experience

Arts and Humanities

Marine Studies Electives

Choose a minimum of 12 credits with at least 8 from CLA. These are suggested electives. Students may choose courses beyond this list, developing their own electives with approval from the Marine Studies Degree Coordinating and Oversight committee. Courses should not be Core and Foundation classes. They cannot count toward Baccalaureate Core or Liberal Arts requirements

Course		Credits		Prerequisites
ART 359	Photography: Activism and Social Change	3	e*	
ART 366	History of Art since 1945	3		
COMM 380	Image and Myth in Film	3		
COMM 472	Rhetoric of Popular Culture	3		
EAH 411	Perspectives in Environmental Arts & Humanities	4	e*^	
ENG 445	Studies in Nonfiction	4	e^	
FILM 445	Documentary Film Studies	4		
FILM 480	Studies in Film, Culture and Society	4		
HST 353	Slavery in the Americas	4	*	
HST 416	Food in World History	4	e*	
HST 481	Environmental History of the United States	4	e*	
HSTS 421	Technology and Change	4	*	
PHL 440	Environmental Ethics	3	e*	
PHL 474	Philosophy of Biology	4	*	
SOC 418	Qualitative Research Methods	4		SOC 204 or SOC 204H
WGSS 375	Arts and Social Justice	4	*	
WR 462	Environmental Writing	4	^	WR 121 or WR 121H
Z 349	Biodiversity: Causes, Consequences, and Conservation	3	*	
Internship -- focused on topic of specialization				
MAST 410	Marine Studies Internship	4		Minimum 4 credits
Capstone Project -- focused on topic of specialization				
MAST 425	Marine Studies Capstone Experience	4		

- * Bacc Core courses
- e Courses offered online
- ^ WIC course

Global and Transnational Perspectives

Marine Studies Electives

Choose a minimum of 12 credits with at least 8 from CLA. These are suggested electives. Students may choose courses beyond this list, developing their own electives with approval from the Marine Studies Degree Coordinating and Oversight committee. Courses should not be Core and Foundation classes. They cannot count toward Baccalaureate Core or Liberal Arts requirements

Course		Credits	Prerequisites
AEC 351	Natural Resource Economics and Policy	3 e*	AEC 250, AREC 250, ECON 201 or 201H
AEC 352	Environmental Economics and Policy	3 e*	AEC 250, AREC 250, ECON 201 or 201H
ANTH 361	Food Justice	4 e*	
ANTH 478	Anthropology of Tourism	4 e*	
BI 348 or BI 301	Human Ecology Human Impacts on Ecosystems	3 e* 3 *	
EAH 412	Environmental Science in Context	4 e*^	
FW 422	Introduction to Ocean Law	3 e	
GEOG 331	Population, Consumption, and Environment	3 e*	
GEOG 430	Resilience-based Natural Resource Management	3	
HST 353	Slavery in the Americas	4 *	
HST 416	Food in World History	4 e*	
PPOL 441	Energy, Climate and Society	4 *	
PPOL 447	Integrated Policy: Food, Energy, Water & Climate	4 e	
PS 476	Science and Politics	4 e*	
PS 477	International Environmental Politics and Policy	4 e	
REL 443	Worldviews and Environmental Values	3 e*	
SOC 381	Social Dimensions of Sustainability	4 e	SOC 204 or SOC 204H
SOC 480	Environmental Sociology	4 e	SOC 204 or SOC 204H
SOC 481	Society and Natural Resources	4 e*	SOC 204 or SOC 204H
Z 349	Biodiversity: Causes, Consequences, and Conservation	3 *	
Internship -- focused on topic of specialization			
MAST 410	Marine Studies Internship	4	Minimum 4 credits
Capstone Project -- focused on topic of specialization			
MAST 425	Marine Studies Capstone Experience	4	

- * Bacc Core courses
- e Courses offered online
- ^ WIC course

Marine Entrepreneurship

Marine Studies Electives

Choose a minimum of 12 credits with at least 8 from CLA. These are suggested electives. Students may choose courses beyond this list, developing their own electives with approval from the Marine Studies Degree Coordinating and Oversight committee. Courses should not be Core and Foundation classes. They cannot count toward Baccalaureate Core or Liberal Arts requirements

Course		Credits		Prerequisites
AEC 351	Natural Resource Economics and Policy	3	e*	AEC 250, AREC 250, ECON 201 or 201H
AEC 352	Environmental Economics and Policy	3	e*	AEC 250, AREC 250, ECON 201 or 201H
AEC 452	Marine Economics	3		AEC 351 or AEC 352 - both with D- or better
ANTH 478	Anthropology of Tourism	4	e*	
BA 362	Social Entrepreneurship & Social Initiatives	4		Junior standing or above
BA 432	Environmental Law, Sustainability, & Business	3	*	Junior standing or above
COMM 316	Advanced Persuasion	3		COMM 111
COMM 324	Communication in Organizations	3		
FW 302 or	Biology and Conservation of Marine Mammals	4	CE,e	1 year of introductory biology; Coastal Experience only if taken at HMSC
FW 331 or	Ecology of Marine and Estuarine Birds	4		
FW 353	Pacific Northwest Coastal Ecosystems	4	CE	BI 211, 212, 213
HSTS 421	Technology and Change	4	*	
NMC 301	Writing for the Media Professional	3	^	NMC 101
SUS 420	Social Dimensions of Sustainability	3	e	
TRAL 353	Nature, Eco, and Adventure Tourism	3		
Internship -- focused on topic of specialization				
MAST 410	Marine Studies Internship	4		Minimum 4 credits
Capstone Project -- focused on topic of specialization				
MAST 425	Marine Studies Capstone Experience	4		

* Bacc Core courses
e Courses offered online
^ WIC course
CE Coastal experience

Community Development

Marine Studies Electives

Choose a minimum of 12 credits with at least 8 from CLA. These are suggested electives. Students may choose courses beyond this list, developing their own electives with approval from the Marine Studies Degree Coordinating and Oversight committee. Courses should not be Core and Foundation classes. They cannot count toward Baccalaureate Core or Liberal Arts requirements

Course		Credits		Prerequisites
AEC 352	Environmental Economics and Policy	3	e*	AEC 250, AREC 250, ECON 201 or 201H
ANTH 361	Food Justice	4	e*	
ART 359	Photography: Activism and Social Change	3	e*	
HSTS 421	Technology and Change	4	*	
NMC 311	Introduction to Non-profit Management	3		
NMC 418	Viral Content	3		
SOC 381	Social Dimensions of Sustainability	4	e	SOC 204 or SOC 204H
SOC 418	Qualitative Research Methods	4		SOC 204 or SOC 204H
SOC 480	Environmental Sociology	4	e*	SOC 204 or SOC 204H
SOC 481	Society and Natural Resources	4	e*	SOC 204 or SOC 204H
SUS 350	Sustainable Communities	4	e*	
SUS 420	Social Dimensions of Sustainability	3	e	
WR 462	Environmental Writing	4	^	WR 121 or WR 121H
Z 349	Biodiversity: Causes, Consequences, and Conservation	3	*	
Internship -- focused on topic of specialization				
MAST 410	Marine Studies Internship	4		Minimum 4 credits
Capstone Project -- focused on topic of specialization				
MAST 425	Marine Studies Capstone Experience	4		

- * Bacc Core courses
- e Courses offered online
- ^ WIC course

Marine Studies

Four-Year Degree Plan – Bachelor of Science

First Year (BS)		
Fall		
Bacc Core	HHS 231*	2
Bacc Core	PAC course	1
Bacc Core	COMM 111*/114*/218*	3
Bacc Core	Cultural Diversity course	3
MAST Foundation	Oceanography (OC 103* or 201*)	4
General Electives		2-3
TOTAL		15-16 credits

Winter		
Bacc Core	WR 121*	4
Bacc Core	Literature and the Arts course	3
Bacc Core	Social Processes and Institutions course	3-4
MAST Foundation	Coastal Experience – BI 111	1
General Electives		3-6
TOTAL		14-17 credits

Spring		
Bacc Core	MTH 105*, 111* or higher	4
MAST Foundation	MAST 201	3
MAST Foundation	Biology – BI 150	3
MAST Foundation	Coastal Experience – FW 113	1
General Electives		3-4
TOTAL		14-15 credits

By end of Spring Term, student should have completed Marine Studies Foundation courses and Bacc Core requirements: WR 121, MTH 105 or higher, and COMM course.

Second Year (BS)		
Fall		
Bacc Core	Physical Science (OC 103 or 201 or see OSU Catalog)	4
Bacc Core	WR II	3
Bacc Core	Western Culture	3
MAST Core	Perspectives course	3
General Electives		2-3
TOTAL		15-16 credits

Winter		
CLA BS Requirement	Statistics/Math	4
Bacc Core	Biological Science	4
Liberal Arts Core	Fine Arts	3
MAST Core	Perspectives course	3-4
TOTAL		14-15 credits

Spring		
Bacc Core	Lab Science III	4
Bacc Core	Difference, Power and Discrimination course	3
Liberal Arts Core	Non-Western Culture course	3
MAST Core	Perspectives course	3
General Electives		3
TOTAL		16 credits

Courses taken to fulfill the BS requirement cannot be applied to other degree requirements.

Third Year (BS)		
Fall		
CLA BS Requirement	Statistics/Math	4
Liberal Arts Core	Humanities course	3-4
MAST Core	MAST 300	4
General Electives		3-4
TOTAL		14-16 credits

Winter		
CLA BS Requirement	Computer Science course	4
Liberal Arts Core	Social Sciences	3-4
MAST Core	Perspectives course	3-4
General Electives		3-4
TOTAL		13-16 credits

Spring		
CLA BS Requirement	Science course	4
Liberal Arts Core	Additional course from Humanities, Fine Arts, Social Science or Nonwestern Culture	3-4
MAST Core	Perspectives course	3-4
General Electives		3-4
TOTAL		13-16 credits

By end of Spring Term, student should have an approved “Area of Distinction” plan for fourth year

Fourth Year (BS)		
Fall		
Bacc Core	Contemporary Global Issues	3-4
MAST-approved WIC		3-4
MAST Distinction	Elective I	4
MAST Distinction	Elective II	4
TOTAL		14-16 credits

Winter		
Bacc Core	Science, Technology & Society	3-4
MAST Distinction	Elective III	4
General Electives		6-8
TOTAL		13-16 credits

Spring		
MAST Distinction	Capstone	4
MAST Distinction	Internship	4
General Electives		6-8
TOTAL		14-16 credits

Marine Studies
 Four-Year Degree Plan – Bachelor of Arts

First Year (BA)		
Fall		
Bacc Core	HHS 231*	2
Bacc Core	PAC course	1
Bacc Core	COMM 111*/114*/218*	3
Bacc Core	Cultural Diversity course	3
MAST Foundation	Oceanography (OC 103* or 201*)	4
General Electives		2-3
TOTAL		15-16 credits

Winter		
Bacc Core	WR 121*	4
Bacc Core	Literature and the Arts course	3
Bacc Core	Social Processes and Institutions course	3-4
MAST Foundation	Coastal Experience – BI 111	1
General Electives		3-6
TOTAL		14-17 credits

Spring		
Bacc Core	MTH 105* or higher	3-4
MAST Foundation	MAST 201	3
MAST Foundation	Biology – BI 150	3
MAST Foundation	Coastal Experience – FW 113	1
General Electives		3-4
TOTAL		14-15 credits

* Bacc Core courses

By end of Spring Term, student should have completed Marine Studies Foundation courses and Bacc Core requirements: WR 121, MTH 105 or higher, and COMM course

Second Year (BA)		
Fall		
Bacc Core	Physical Science	4
Bacc Core	WR II	3
Bacc Core	Western Culture	3
MAST Core	Perspectives course	3
CLA BA Requirement	Foreign Language Yr 1	4
TOTAL		17 credits

Winter		
Bacc Core	Biological Science	4
Liberal Arts Core	Fine Arts	3
CLA BA Requirement	Foreign Language Yr 1	4
MAST Core	Perspectives course	3-4
TOTAL		14-15 credits

Spring		
Bacc Core	Lab Science III	4
CLA BA Requirement	Foreign Language Yr 1	4
Liberal Arts Core	Non-Western Culture course	3
MAST Core	Perspectives course	3
General Electives		3
TOTAL		17 credits

Third Year (BA)		
Fall		
CLA BA Requirement	Foreign Language Yr 2	4
Liberal Arts Core	Humanities course	3-4
MAST Core	MAST 300	4
General Electives		3-4
TOTAL		14-16 credits

Winter		
CLA BA Requirement	Foreign Language Yr 2	4
Liberal Arts Core	Social Sciences	3-4
MAST Core	Perspectives course	3-4
General Electives		3-4
TOTAL		13-16 credits

Spring		
CLA BA Requirement	Foreign Language Yr 2	4
Liberal Arts Core	Additional course from Humanities, Fine Arts, Social Science or Nonwestern Culture	3-4
MAST Core	Perspectives course	3-4
General Electives		3-4
TOTAL		13-16 credits

By end of Spring Term, student should have an approved “Area of Distinction” plan for fourth year

Fourth Year (BA)		
Fall		
Bacc Core	Contemporary Global Issues	3-4
MAST-approved WIC		3-4
MAST Distinction	Elective I	4
MAST Distinction	Elective II	4
TOTAL		14-16 credits

Winter		
Bacc Core	Science, Technology & Society	3-4
MAST Distinction	Elective III	4
General Electives		6-8
TOTAL		13-16 credits

Spring		
MAST Distinction	Capstone	4
MAST Distinction	Internship	4
General Electives		6-8
TOTAL		14-16 credits

Baccalaureate Core courses related to issues facing the ocean and coasts

CPBS - Core, Perspectives – Biological Science
CPCD - Core, Perspectives – Cultural Diversity
CPDP - Core, Perspectives – Difference, Power & Discrimination
CPPS - Core, Perspectives – Physical Science
CPSI - Core, Perspectives – Social Processes & Institutions
CPWC - Core, Perspectives – Western Culture
CSGI - Core, Synthesis – Global Issues
CSST - Core, Synthesis – Science/Technology/Society
CSW2 - Core, Skills
CWIC - Core, Skills – Writing Intensive Courses
LACF - Liberal Arts Fine Arts Core
LACH - Liberal Arts Humanities Core
LACN - Liberal Arts Non-Western Culture Core
LACS - Liberal Arts Social Sciences Core

Introduction to Environmental Economics and Policy (AEC 250) - *CPSI*
Rural Economics of Place and People (AEC 240) - *CPWC*
Environmental Law, Policy, and Economics (AEC 253) - *CPWC*
Introduction to Coastal and Marine Resource Economics (AEC 353) - *CSST*
Natural Resources Economics and Policy (AEC 351) - *CSGI*
Environmental Economics and Policy (AEC/ECON 352) - *CSGI*
Measuring Resource and Environmental Impacts (AEC 434) - *CWIC*
Food Justice (ANTH/FCSJ 361) - *CPDP, LACS*
Peoples of The World – Pacific (ANTH 317) - *CPCD, LACN*
Anthropology of Tourism (ANTH 478) - *CSGI*
Climate Science (ATS 201) - *CPPS*
The Changing Climate (ATS 320) - *CSST*
Environmental Ecology (BI 306) - *CSGI, CWIC*
Genes and Chemicals in Agriculture: Value and Risk (BI/FES/TOX 435) - *CSST*
Human Impacts On Ecosystems (BI 301) - *CSGI*
Introduction to Evolution (BI 345) - *CSST*
Oceans in Peril (BI 347) - *CSST*
Viruses in Modern Society (BI 420) - *CSST*
Technology, Energy, and Risk (CH 374) - *CSST*
Literature of The Oceans (ENG 499) - *LACH*
Nonfiction Analysis: Literature of The Oceans (ENG 499) - *LACH*
Sustainable Engineering (ENGR 350) - *CSST*
Introduction to Pacific Islands Studies (ES 260) - *CPDP*
Native Americans in Oregon (ES 345) - *LACH, LACN*
Multicultural Perspectives in Fish and Wildlife Management (FW 340) - *CPDP*
Wildlife in Agricultural Ecosystems (FW 435) - *CWIC*
Human Dimensions of Fisheries and Wildlife Management (FW 439) - *CWIC*
Fishery Biology (FW 454) - *CWIC*
Aquaculture (FW 497) - *CWIC*
Ecology and History: Landscapes of The Columbia Basin (FW/HSTS 470) - *CSST*
Consensus and Natural Resources (FW/SOC/ANS 485) – *CSST*

Food from The Sea (FW 324) - *CSGI*
 Global Crises in Resource Ecology (FW 325) - *CSGI*
 Endangered Species, Society, and Sustainability (FW 350) - *CSST*
 Citizen Science (FW 356) - *CSST*
 Origins of Fisheries and Wildlife Management - Evolution, Genetics, and Ecology (FW 360) - *CSST*
 Environmental Justice (GEO 309) - *CPDP*
 Minerals, Energy, Water, and The Environment (GEO 306) - *CSST*
 Earthquakes in The Pacific Northwest (GEO 380) - *CSST*
 Geospatial Science and GIS (GEOG/GEO 201) – *CPPS*
 Human Dimension of Climate Change (GEOG 240, Ecampus) -- *CPSI*
 Transforming Environmental Conflicts (GEOG 241, Ecampus) -- *CPDP*
 Sustainability for The Common Good (GEOG/GEO 300) - *CSST, CSGI, LACS*
 Geography of International Development and Globalization (GEOG 330) - *CWIC, CSGI*
 Introduction to Water Science and Policy (GEOG/SOIL 340) - *CSST*
 Population, Consumption, and Environment (GEOG 331) - *CSGI*
 Geography of Natural Hazards (GEOG 350) - *CSGI*
 Exploring The Deep: Geography of The World's Oceans (OC 103) - *CPPS*
 Oceanography (OC 201) - *CPPS*
 Polar Oceanography (OC 334) - *CWIC*
 Energy Alternatives (PH 313) - *CSST*
 Reasoning and Writing (PHL 121) - *CSW2*
 Philosophy of Biology (PHL 474) - *CWIC*
 Scientific Reasoning (PHL 325) - *CSST*
 Environmental Ethics (PHL 440) - *CSGI, LACH*
 World Views and Environmental Values (PHL/REL 443) - *CSGI, LACN*
 State and Local Politics (PS 331) -- *CPSI*
 Topics in Comparative Politics (PS 449) - *CWIC*
 Science, Religion, and Politics (PS 370) - *CSST*
 Science and Politics (PS 476) - *CSST*
 Population Trends and Policy (SOC 360) - *CPDP*
 Environmental Sociology (SOC 480) - *CSGI*
 Society and Natural Resources (SOC 481) - *CSST*
 Introduction to Environmental Science and Sustainability (SUS 102) - *CPBS*
 Sustainable Communities (SUS 350) - *CSGI*
 Introduction to Poetry Writing (WR 241) - *CSW2, LACF*
 Environmental Writing (WR 462) - *CWIC*
 Biodiversity: Causes, Consequences, and Conservation (Z 349) – *CSGI*

Liberal Arts Core courses related to issues facing the ocean and coasts

Food Justice (ANTH/FCSJ 361) - *CPDP, LACS*
Image and Myth in Film (COMM 380) - *LACH*
Theories of Conflict and Conflict Management (COMM 440) - *LACS*
Bargaining and Negotiation Processes (COMM 442) - *LACS*
Rhetoric of Popular Culture (COMM 472) - *LACH*
Studies in Nonfiction (ENG 445) - *CWIC, LACH*
Studies in Film, Culture, and Society (FILM 480) - *LACH*
Sustainability for the Common Good (GEOG/GEO 300) - *CSGI, CSST, LACS*
Food in World History (HST 416) - *CSST, LACH*
Environmental History of the United States (HST 481) - *CSST, LACH*
History of Twentieth-Century Science (HSTS 414) - *CSST, LACH, LACS*
Theory of Evolution and Modern Biology (HSTS 415) - *CSST, CWIC, LACH, LACS*
Environmental Ethics (PHL 440) - *CSGI, LACH*
World Views and Environmental Values (PHL/REL 443) - *CSGI, LACN*
Systems of Oppression in Marine Societies (WGSS 414) - *CPDP, LACS*
Introduction to Poetry Writing (WR 241) - *CSW2, LACF*