

WILLIAMS-MYSTIC: The Ocean and Coastal Studies Semester of Williams College and Mystic Seaport Museum

Executive Director: Thomas Van Winkle

- Lloyd B. Anderson, Assistant Professor at Williams-Mystic
- Kelly P. Bushnell, Visiting Assistant Professor of Ocean Literature at Williams-Mystic
- Catherine Robinson Hall, Associate Professor at Williams-Mystic; affiliated with: Williams-Mystic Program, Maritime Studies
- Tim J. Pusack, Associate Professor at Williams-Mystic
- Ned G. Schaumberg, Assistant Professor at Williams-Mystic
- Sofia E. Zepeda, Assistant Professor at Williams-Mystic; affiliated with: Williams-Mystic Program, History

The Williams-Mystic Semester offers students a unique opportunity to explore the ocean, travel the Atlantic, Pacific, and Gulf coasts, and conduct original active research of their own design in the humanities and sciences. Williams-Mystic is considered the coastal and ocean studies campus of Williams College. Sophomores, juniors, and seniors of all majors welcome to apply. A term at Williams-Mystic includes credit for one semester plus one Winter Study requirement, as well as writing skills course credit and physical education credit. Four Williams courses are offered as an interdisciplinary curriculum in the semester-long program based at Mystic Seaport, in Mystic, Connecticut: Americans and the Maritime Environment, Literature of the Oceans, Marine Policy, and either Marine Ecology or Oceanographic Processes. Travel includes an offshore voyage on the open ocean sailing aboard a tall ship, a seminar along the Pacific Coast, and a Louisiana field seminar, all of which are cross-disciplinary and interdisciplinary exercises. Students live in historic, cooperative, co-ed houses at Mystic Seaport, the world's largest maritime museum, and have full access to world-class maritime collections, a maritime library, a state-of-the-art Marine Sciences teaching and research center, and diverse coastal habitats (where field research can be undertaken in a wide variety of environments, ranging from tide pools and salt marshes to sandy beaches and estuaries). Students also participate in maritime skills under professional instruction, with choices such as ship carving, music of the sea, shipsmithing, or small boat handling and sailing. Williams-Mystic seeks candidates who are willing to try new things and work in a compelling academic environment. No sailing experience necessary. Participation in Williams-Mystic can also be used in partial fulfillment of the Maritime Studies Concentration at Williams. Admission is competitive, and interested students should email wmadmissions@williams.edu, call [860-572-5359](tel:860-572-5359), or visit the [Williams-Mystic site](#).

BIOL 231 (F)(S) Marine Ecology

Cross-listings: MAST 311 BIOL 231 BIOL 231 MAST 311

Secondary Cross-listing

We have explored only a fraction of the ocean, with about 10% of marine species classified and 20% of the ocean mapped. Many discoveries remain to be made, and marine ecology is one technique to uncover new insights. The field of marine ecology, rooted in the theory of evolution, describes the mechanisms and processes that drive the diversity, abundance, and distribution of marine organisms. The goal is to document natural patterns and make predictions about how species will respond to environmental changes by investigating the relationship between the abiotic environment and biotic interactions. This course will take a deep dive into the unique challenges to life in the ocean. You will compare and contrast different marine ecosystems, such as coral reefs, kelp forests, and the deep sea. You will also practice a marine ecologist's skillset as you design, carry out, and analyze your own research project, which will improve your scientific writing, data analysis, and communication skills. Importantly, you will connect your research and course topics to larger marine conservation issues and broader societal impacts.

Class Format: including coastal and near-shore field trips, 10 days offshore, and a laboratory or field research project

Requirements/Evaluation: two tests, a research project, and a presentation

Prerequisites: BIOL 101 or GEOS/MAST 104, or permission of instructor

Enrollment Limit: 16

Enrollment Preferences: none

Expected Class Size: 12

Grading: yes pass/fail option, yes fifth course option

Unit Notes: This course is only offered through the Williams-Mystic Maritime Studies Program located in Mystic, CT. satisfies the distribution

requirement for the Biology major.

Distributions: (D3)

This course is cross-listed and the prefixes carry the following divisional credit:

MAST 311(D3) BIOL 231(D3) BIOL 231(D3) MAST 311(D3)

Attributes: ENVI Natural World Electives EXPE Experiential Education Courses

Fall 2023

LEC Section: 01 TR 10:30 am - 11:45 am Tim J. Pusack

LAB Section: 02 R 1:00 pm - 4:30 pm Tim J. Pusack

Spring 2024

LEC Section: 01 TR 10:30 am - 11:45 am Tim J. Pusack

LAB Section: 02 R 1:00 pm - 4:30 pm Tim J. Pusack

ENGL 231 (F)(S) Literature of the Sea (DPE)

Cross-listings: MAST 231 ENGL 231

Secondary Cross-listing

The ocean, and human relationships with it, have been central features of literatures and cultures around the world for more than a thousand years. But since literary study is typically based around authors' homelands, careful examination of the oceanic experience is often pushed to the periphery--an "empty space" to be crossed between nations, a "vast darkness" antithetical to human life, or a mirror for land-borne concerns. Increasingly, however, scholars and readers are centering the sea and stories about it as a means stepping outside human frameworks of space and time, situating the complex emotions and narratives inspired by the ocean into a complex network of geologic history and teeming other-than-human life. This course examines a wide range of texts and perspectives on the ocean and human relationships with it. Doing so will help us consider how literature both plays into and subverts dominant viewpoints of the ocean. Through texts that consider 19th-century whaling, the Middle Passage, the postcolonial Caribbean, and islands throughout the Pacific Ocean, we will explore a range of questions, including: What can we learn from examining efforts to write about the ocean? How do ocean stories help individuals understand themselves, their communities, and their place in global environments? What can the range of cultural and literary perspectives on our "single, global ocean" reveal about the ways different people are both connected with and profoundly distant from each other? Most importantly, we will practice, as a classroom community, different strategies for carefully reading texts while connecting them to cultural traditions, surrounding environments, and personal experiences.

Class Format: weekly roundtable discussions, including coastal and near-shore field trips and multiple field seminars.

Requirements/Evaluation: regular papers, class participation, journal-writing, and a final assignment

Prerequisites: N/A

Enrollment Limit: 25

Enrollment Preferences: Williams-Mystic Students only

Expected Class Size: 20

Grading: no pass/fail option, no fifth course option

Unit Notes: offered only at Mystic Seaport

Distributions: (D1) (DPE)

This course is cross-listed and the prefixes carry the following divisional credit:

MAST 231(D1) ENGL 231(D1)

Difference, Power, and Equity Notes: This course focuses on the range of cultural perspectives about the sea, as well as the ways those perspectives can unsettle and challenge dominant narratives about the sea and its role in colonial expansion. Furthermore, this course centers voices that are typically overlooked in the genre of "Sea Literature," paying particular attention to Indigenous and African-American narratives about the ocean.

Attributes: AMST Arts in Context Electives ENVI Humanities, Arts + Social Science Electives

Fall 2023

SEM Section: 01 MW 10:30 am - 11:45 am Ned G. Schaumberg

Spring 2024

SEM Section: 01 MW 10:30 am - 11:45 am Ned G. Schaumberg

ENVI 351 (F)(S) Marine Policy (DPE) (WS)

Cross-listings: ENVI 351 PSCI 319 MAST 351

Secondary Cross-listing

Coastal communities are home to nearly 40% of the U.S. population, but occupy only a small percentage of our country's total land area. Intense population density, critical transportation infrastructure, significant economic productivity, and rich cultural and historic value mark our coastal regions as nationally significant. But, coastal and ocean-based climate-induced impacts such as sea level rise, ocean warming and acidification pose extraordinary challenges to our coastal communities, and are not borne equally by all communities. This seminar considers our relationship with our ocean and coastal environments and the foundational role our oceans and coasts play in our Nation's environmental and economic sustainability as well as ocean and coastal climate resiliency. Through the lens of coastal and ocean governance and policy-making, we critically examine conflict of use issues relative to climate change, climate justice, coastal zone management, fisheries, ocean and coastal pollution and marine biodiversity.

Class Format: This class is taught only at Williams-Mystic in Mystic, Connecticut and includes coastal and near-shore interdisciplinary field seminars, and 10 days offshore.

Requirements/Evaluation: Weekly Readings; Class Participation; Small and large group strategy exercises (written and oral); Written Research Project: issues paper and draft research paper; Final Research Project: multiple formats available

Prerequisites: none

Enrollment Limit: 23

Enrollment Preferences: must be enrolled at Williams-Mystic in Mystic, Connecticut

Expected Class Size: 22

Grading: no pass/fail option, no fifth course option

Unit Notes: must be enrolled at Williams-Mystic in Mystic, Connecticut

Distributions: (D2) (DPE) (WS)

This course is cross-listed and the prefixes carry the following divisional credit:

ENVI 351(D2) PSCI 319(D2) MAST 351(D2)

Writing Skills Notes: Each student will write one 3-5 page research issues paper and one 8-10 page draft research paper as well as a final project with written components equaling 5-8 pages. Each submission receives written feedback from the professor, including research guidance, input on grammar, structure, language, analysis. Students also receive verbal feedback in individual conferences to discuss research paper organization, analysis, structure and grammar as well as final project input.

Difference, Power, and Equity Notes: Coastal and ocean policy issues relating to climate change, coastal zone management, fisheries, ocean pollution and marine biodiversity impact environmental and climate justice. Students examine coastal governance while considering the disproportionate burdens on underrepresented populations in U.S. coastal communities caused by climate change and coastal policies. Students analyze multi-disciplinary evidence and work to strengthen their integrative, analytical, writing, and advocacy skills.

Attributes: ENVI Environmental Policy EXPE Experiential Education Courses POEC Depth

Fall 2023

SEM Section: 01 F 9:00 am - 12:00 pm Catherine Robinson Hall

Spring 2024

SEM Section: 01 F 9:00 am - 12:00 pm Catherine Robinson Hall

GEOS 210 (F)(S) Oceanographic Processes

Cross-listings: MAST 211 GEOS 210 GEOS 210 MAST 211

Secondary Cross-listing

Part of the Williams-Mystic Coastal and Ocean Studies Program, this course provides an introduction to physical, geological, chemical, and biological oceanography. Using local field sites as well as places visited on field seminars, we will investigate why the Earth has oceans, why they are salty, how

they move and flow, reasons for sea level change on both long and short timescales, and how our oceans interact with the atmosphere to control global climate. We will emphasise societal interactions with the ocean, and will consider coastal processes including land loss. We will apply an environmental justice and anti-racist lens to our discussions. Field work will take place on shores in southern New England, as well as during field seminars on the Atlantic ocean, the West Coast and the Mississippi River Delta. This course is in the Oceans and Climate group for the Geosciences major.

Class Format: Flipped classroom will focus on active learning using data-based exercises. Mini-symposia will involve student research and discussion.

Requirements/Evaluation: graded lab exercises, mini-symposium participation, and a research project

Prerequisites: none

Enrollment Limit: 24

Enrollment Preferences: none

Expected Class Size: 10

Grading: no pass/fail option, no fifth course option

Unit Notes: This course is taught at our Mystic Seaport campus. Students must be enrolled in the Williams-Mystic Coastal and Ocean Studies Program.

Distributions: (D3)

This course is cross-listed and the prefixes carry the following divisional credit:

MAST 211(D3) GEOS 210(D3) GEOS 210(D3) MAST 211(D3)

Attributes: ENVI Natural World Electives EXPE Experiential Education Courses GEOS Group A Electives - Climate + Oceans

Fall 2023

LEC Section: 01 TR 9:00 am - 10:15 am Lloyd B. Anderson

LAB Section: 02 T 1:00 pm - 4:30 pm Lloyd B. Anderson

Spring 2024

LEC Section: 01 TR 9:00 am - 10:15 am Lloyd B. Anderson

LAB Section: 02 T 1:00 pm - 4:30 pm Lloyd B. Anderson

HIST 352 (F)(S) American Maritime History (DPE) (WS)

Cross-listings: HIST 352 MAST 352

Secondary Cross-listing

This course explores themes in American maritime history from the colonial era to the 21st century. We will consider the dynamic relationship between the sea and American life, and the broad influence that each has had on the other. This relationship led to interactions with the water as a highway for the transportation of not just people and goods, but powerful new forces and ideas. The water creates a unique space for the formation of new communities and identities, while also acting as an important, and often exploited, resource. We will sample from different fields of inquiry including labor, environmental, cultural, and political history to gain a deeper understanding of diverse people's complex interactions with the oceans and seas.

Class Format: Seminars, discussions, and field seminars

Requirements/Evaluation: Participation in class discussions, activities, and presentations, regular papers, and a final independent research project

Prerequisites: None

Enrollment Limit: 27

Enrollment Preferences: If course over-enrolls, preference will be given to sophomores and juniors

Expected Class Size: 22

Grading: no pass/fail option, no fifth course option

Unit Notes: Offered only at Mystic Seaport

Distributions: (D2) (DPE) (WS)

This course is cross-listed and the prefixes carry the following divisional credit:

HIST 352(D2) MAST 352(D2)

Writing Skills Notes: Students must complete regular writing assignments including a final 10- to 15-page paper. Additionally, students will participate in several in-class writing workshops and peer critiques. Students will receive from the instructor timely comments on their writing skills, with suggestions for improvement.

Difference, Power, and Equity Notes: Maritime activity has long provided opportunities for some while creating tremendous hardships for others. From the slave trade and the encounters between native and European mariners to the power wielded by multi-national shipping conglomerates, this course investigates contests over power, empire, and capitalism as they played out on the maritime stage.

Attributes: AMST Space and Place Electives ENVI Humanities, Arts + Social Science Electives EXPE Experiential Education Courses HIST Group F Electives - U.S. + Canada HIST Group P Electives - Premodern

Fall 2023

SEM Section: 01 MW 9:00 am - 10:15 am Sofia E. Zepeda

Spring 2024

SEM Section: 01 MW 9:00 am - 10:15 am Sofia E. Zepeda

MAST 211 (F)(S) Oceanographic Processes

Cross-listings: MAST 211 GEOS 210 GEOS 210 MAST 211

Primary Cross-listing

Part of the Williams-Mystic Coastal and Ocean Studies Program, this course provides an introduction to physical, geological, chemical, and biological oceanography. Using local field sites as well as places visited on field seminars, we will investigate why the Earth has oceans, why they are salty, how they move and flow, reasons for sea level change on both long and short timescales, and how our oceans interact with the atmosphere to control global climate. We will emphasise societal interactions with the ocean, and will consider coastal processes including land loss. We will apply an environmental justice and anti-racist lens to our discussions. Field work will take place on shores in southern New England, as well as during field seminars on the Atlantic ocean, the West Coast and the Mississippi River Delta. This course is in the Oceans and Climate group for the Geosciences major.

Class Format: Flipped classroom will focus on active learning using data-based exercises. Mini-symposia will involve student research and discussion.

Requirements/Evaluation: graded lab exercises, mini-symposium participation, and a research project

Prerequisites: none

Enrollment Limit: 24

Enrollment Preferences: none

Expected Class Size: 10

Grading: no pass/fail option, no fifth course option

Unit Notes: This course is taught at our Mystic Seaport campus. Students must be enrolled in the Williams-Mystic Coastal and Ocean Studies Program.

Distributions: (D3)

This course is cross-listed and the prefixes carry the following divisional credit:

MAST 211(D3) GEOS 210(D3) GEOS 210(D3) MAST 211(D3)

Attributes: ENVI Natural World Electives EXPE Experiential Education Courses GEOS Group A Electives - Climate + Oceans

Fall 2023

LEC Section: 01 TR 9:00 am - 10:15 am Lloyd B. Anderson

LAB Section: 02 T 1:00 pm - 4:30 pm Lloyd B. Anderson

Spring 2024

LEC Section: 01 TR 9:00 am - 10:15 am Lloyd B. Anderson

LAB Section: 02 T 1:00 pm - 4:30 pm Lloyd B. Anderson

MAST 231 (F)(S) Literature of the Sea (DPE)

Cross-listings: MAST 231 ENGL 231

Primary Cross-listing

The ocean, and human relationships with it, have been central features of literatures and cultures around the world for more than a thousand years. But since literary study is typically based around authors' homelands, careful examination of the oceanic experience is often pushed to the periphery--an "empty space" to be crossed between nations, a "vast darkness" antithetical to human life, or a mirror for land-borne concerns. Increasingly, however, scholars and readers are centering the sea and stories about it as a means stepping outside human frameworks of space and time, situating the complex emotions and narratives inspired by the ocean into a complex network of geologic history and teeming other-than-human life. This course examines a wide range of texts and perspectives on the ocean and human relationships with it. Doing so will help us consider how literature both plays into and subverts dominant viewpoints of the ocean. Through texts that consider 19th-century whaling, the Middle Passage, the postcolonial Caribbean, and islands throughout the Pacific Ocean, we will explore a range of questions, including: What can we learn from examining efforts to write about the ocean? How do ocean stories help individuals understand themselves, their communities, and their place in global environments? What can the range of cultural and literary perspectives on our "single, global ocean" reveal about the ways different people are both connected with and profoundly distant from each other? Most importantly, we will practice, as a classroom community, different strategies for carefully reading texts while connecting them to cultural traditions, surrounding environments, and personal experiences.

Class Format: weekly roundtable discussions, including coastal and near-shore field trips and multiple field seminars.

Requirements/Evaluation: regular papers, class participation, journal-writing, and a final assignment

Prerequisites: N/A

Enrollment Limit: 25

Enrollment Preferences: Williams-Mystic Students only

Expected Class Size: 20

Grading: no pass/fail option, no fifth course option

Unit Notes: offered only at Mystic Seaport

Distributions: (D1) (DPE)

This course is cross-listed and the prefixes carry the following divisional credit:

MAST 231(D1) ENGL 231(D1)

Difference, Power, and Equity Notes: This course focuses on the range of cultural perspectives about the sea, as well as the ways those perspectives can unsettle and challenge dominant narratives about the sea and its role in colonial expansion. Furthermore, this course centers voices that are typically overlooked in the genre of "Sea Literature," paying particular attention to Indigenous and African-American narratives about the ocean.

Attributes: AMST Arts in Context Electives ENVI Humanities, Arts + Social Science Electives

Fall 2023

SEM Section: 01 MW 10:30 am - 11:45 am Ned G. Schaumberg

Spring 2024

SEM Section: 01 MW 10:30 am - 11:45 am Ned G. Schaumberg

MAST 311 (F)(S) Marine Ecology

Cross-listings: MAST 311 BIOL 231 BIOL 231 MAST 311

Primary Cross-listing

We have explored only a fraction of the ocean, with about 10% of marine species classified and 20% of the ocean mapped. Many discoveries remain to be made, and marine ecology is one technique to uncover new insights. The field of marine ecology, rooted in the theory of evolution, describes the mechanisms and processes that drive the diversity, abundance, and distribution of marine organisms. The goal is to document natural patterns and make predictions about how species will respond to environmental changes by investigating the relationship between the abiotic environment and biotic interactions. This course will take a deep dive into the unique challenges to life in the ocean. You will compare and contrast different marine ecosystems, such as coral reefs, kelp forests, and the deep sea. You will also practice a marine ecologist's skillset as you design, carry out, and

analyze your own research project, which will improve your scientific writing, data analysis, and communication skills. Importantly, you will connect your research and course topics to larger marine conservation issues and broader societal impacts.

Class Format: including coastal and near-shore field trips, 10 days offshore, and a laboratory or field research project

Requirements/Evaluation: two tests, a research project, and a presentation

Prerequisites: BIOL 101 or GEOS/MAST 104, or permission of instructor

Enrollment Limit: 16

Enrollment Preferences: none

Expected Class Size: 12

Grading: yes pass/fail option, yes fifth course option

Unit Notes: This course is only offered through the Williams-Mystic Maritime Studies Program located in Mystic, CT. satisfies the distribution requirement for the Biology major.

Distributions: (D3)

This course is cross-listed and the prefixes carry the following divisional credit:

MAST 311(D3) BIOL 231(D3) BIOL 231(D3) MAST 311(D3)

Attributes: ENVI Natural World Electives EXPE Experiential Education Courses

Fall 2023

LEC Section: 01 TR 10:30 am - 11:45 am Tim J. Pusack

LAB Section: 02 R 1:00 pm - 4:30 pm Tim J. Pusack

Spring 2024

LEC Section: 01 TR 10:30 am - 11:45 am Tim J. Pusack

LAB Section: 02 R 1:00 pm - 4:30 pm Tim J. Pusack

MAST 351 (F)(S) Marine Policy (DPE) (WS)

Cross-listings: ENVI 351 PSCI 319 MAST 351

Primary Cross-listing

Coastal communities are home to nearly 40% of the U.S. population, but occupy only a small percentage of our country's total land area. Intense population density, critical transportation infrastructure, significant economic productivity, and rich cultural and historic value mark our coastal regions as nationally significant. But, coastal and ocean-based climate-induced impacts such as sea level rise, ocean warming and acidification pose extraordinary challenges to our coastal communities, and are not borne equally by all communities. This seminar considers our relationship with our ocean and coastal environments and the foundational role our oceans and coasts play in our Nation's environmental and economic sustainability as well as ocean and coastal climate resiliency. Through the lens of coastal and ocean governance and policy-making, we critically examine conflict of use issues relative to climate change, climate justice, coastal zone management, fisheries, ocean and coastal pollution and marine biodiversity.

Class Format: This class is taught only at Williams-Mystic in Mystic, Connecticut and includes coastal and near-shore interdisciplinary field seminars, and 10 days offshore.

Requirements/Evaluation: Weekly Readings; Class Participation; Small and large group strategy exercises (written and oral); Written Research Project: issues paper and draft research paper; Final Research Project: multiple formats available

Prerequisites: none

Enrollment Limit: 23

Enrollment Preferences: must be enrolled at Williams-Mystic in Mystic, Connecticut

Expected Class Size: 22

Grading: no pass/fail option, no fifth course option

Unit Notes: must be enrolled at Williams-Mystic in Mystic, Connecticut

Distributions: (D2) (DPE) (WS)

This course is cross-listed and the prefixes carry the following divisional credit:

ENVI 351(D2) PSCI 319(D2) MAST 351(D2)

Writing Skills Notes: Each student will write one 3-5 page research issues paper and one 8-10 page draft research paper as well as a final project with written components equaling 5-8 pages. Each submission receives written feedback from the professor, including research guidance, input on grammar, structure, language, analysis. Students also receive verbal feedback in individual conferences to discuss research paper organization, analysis, structure and grammar as well as final project input.

Difference, Power, and Equity Notes: Coastal and ocean policy issues relating to climate change, coastal zone management, fisheries, ocean pollution and marine biodiversity impact environmental and climate justice. Students examine coastal governance while considering the disproportionate burdens on underrepresented populations in U.S. coastal communities caused by climate change and coastal policies. Students analyze multi-disciplinary evidence and work to strengthen their integrative, analytical, writing, and advocacy skills.

Attributes: ENVI Environmental Policy EXPE Experiential Education Courses POEC Depth

Fall 2023

SEM Section: 01 F 9:00 am - 12:00 pm Catherine Robinson Hall

Spring 2024

SEM Section: 01 F 9:00 am - 12:00 pm Catherine Robinson Hall

MAST 352 (F)(S) American Maritime History (DPE) (WS)

Cross-listings: HIST 352 MAST 352

Primary Cross-listing

This course explores themes in American maritime history from the colonial era to the 21st century. We will consider the dynamic relationship between the sea and American life, and the broad influence that each has had on the other. This relationship led to interactions with the water as a highway for the transportation of not just people and goods, but powerful new forces and ideas. The water creates a unique space for the formation of new communities and identities, while also acting as an important, and often exploited, resource. We will sample from different fields of inquiry including labor, environmental, cultural, and political history to gain a deeper understanding of diverse people's complex interactions with the oceans and seas.

Class Format: Seminars, discussions, and field seminars

Requirements/Evaluation: Participation in class discussions, activities, and presentations, regular papers, and a final independent research project

Prerequisites: None

Enrollment Limit: 27

Enrollment Preferences: If course over-enrolls, preference will be given to sophomores and juniors

Expected Class Size: 22

Grading: no pass/fail option, no fifth course option

Unit Notes: Offered only at Mystic Seaport

Distributions: (D2) (DPE) (WS)

This course is cross-listed and the prefixes carry the following divisional credit:

HIST 352(D2) MAST 352(D2)

Writing Skills Notes: Students must complete regular writing assignments including a final 10- to 15-page paper. Additionally, students will participate in several in-class writing workshops and peer critiques. Students will receive from the instructor timely comments on their writing skills, with suggestions for improvement.

Difference, Power, and Equity Notes: Maritime activity has long provided opportunities for some while creating tremendous hardships for others. From the slave trade and the encounters between native and European mariners to the power wielded by multi-national shipping conglomerates, this course investigates contests over power, empire, and capitalism as they played out on the maritime stage.

Attributes: AMST Space and Place Electives ENVI Humanities, Arts + Social Science Electives EXPE Experiential Education Courses HIST Group F Electives - U.S. + Canada HIST Group P Electives - Premodern

Fall 2023

SEM Section: 01 MW 9:00 am - 10:15 am Sofia E. Zepeda

Spring 2024

SEM Section: 01 MW 9:00 am - 10:15 am Sofia E. Zepeda

PSCI 319 (F)(S) Marine Policy (DPE) (WS)

Cross-listings: ENVI 351 PSCI 319 MAST 351

Secondary Cross-listing

Coastal communities are home to nearly 40% of the U.S. population, but occupy only a small percentage of our country's total land area. Intense population density, critical transportation infrastructure, significant economic productivity, and rich cultural and historic value mark our coastal regions as nationally significant. But, coastal and ocean-based climate-induced impacts such as sea level rise, ocean warming and acidification pose extraordinary challenges to our coastal communities, and are not borne equally by all communities. This seminar considers our relationship with our ocean and coastal environments and the foundational role our oceans and coasts play in our Nation's environmental and economic sustainability as well as ocean and coastal climate resiliency. Through the lens of coastal and ocean governance and policy-making, we critically examine conflict of use issues relative to climate change, climate justice, coastal zone management, fisheries, ocean and coastal pollution and marine biodiversity.

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Requirements/Evaluation: Weekly Readings; Class Participation; Small and large group strategy exercises (written and oral); Written Research Project: issues paper and draft research paper; Final Research Project: multiple formats available

Prerequisites: none

Enrollment Limit: 23

Enrollment Preferences: must be enrolled at Williams-Mystic in Mystic, Connecticut

Expected Class Size: 22

Grading: no pass/fail option, no fifth course option

Unit Notes: must be enrolled at Williams-Mystic in Mystic, Connecticut

Distributions: (D2) (DPE) (WS)

This course is cross-listed and the prefixes carry the following divisional credit:

ENVI 351(D2) PSCI 319(D2) MAST 351(D2)

Writing Skills Notes: Each student will write one 3-5 page research issues paper and one 8-10 page draft research paper as well as a final project with written components equaling 5-8 pages. Each submission receives written feedback from the professor, including research guidance, input on grammar, structure, language, analysis. Students also receive verbal feedback in individual conferences to discuss research paper organization, analysis, structure and grammar as well as final project input.

Difference, Power, and Equity Notes: Coastal and ocean policy issues relating to climate change, coastal zone management, fisheries, ocean pollution and marine biodiversity impact environmental and climate justice. Students examine coastal governance while considering the disproportionate burdens on underrepresented populations in U.S. coastal communities caused by climate change and coastal policies. Students analyze multi-disciplinary evidence and work to strengthen their integrative, analytical, writing, and advocacy skills.

Attributes: ENVI Environmental Policy EXPE Experiential Education Courses POEC Depth

Fall 2023

SEM Section: 01 F 9:00 am - 12:00 pm Catherine Robinson Hall

Spring 2024

SEM Section: 01 F 9:00 am - 12:00 pm Catherine Robinson Hall