

CLAS C&C
Chair: Pamela Bedore
Agenda Part I
4.27.2021

WebEx Info:

<https://uconnvtc.webex.com/uconnvtc/j.php?MTID=m7cab97b7abfce54d3530decae422fb8a>

or

Meeting number (access code): 120 208 9676

Meeting password: clasccc

A. Chair Approvals

2021-132 MARN 5895 Add Special Topic: Research Computing in Marine Sciences

B. Old Business

2021-80 ENGL 2107 Add Course (G) (S) (guest: Dwight Codr)
2021-115 URBN 3400E Add Course (G) (S) (guest: Phil Birge-Liberman)
2021-127 SOCI 2260 Add Course (S) (guest: Matthew Hughey)

C. New Business

2021-133 CHEM 5357 Add Course (guest: Rebecca Quardokus)
2021-134 AFRA/HIST 2752 Revise Course (G) (S) (guest: Fiona Vernal)
2021-135 AFRA 4996 Add Course (guest: Fiona Vernal)
2021-136 AFRA 4997W Add Course (G) (S) (guest: Fiona Vernal)
2021-137 HEJS 5312 Add Course (guest: Stuart Miller)
2021-138 HEJS 5313 Add Course (guest: Stuart Miller)
2021-139 INTD 3260 Revise Course (G) (S) (guest: Stuart Miller)
2021-140 Judaic Studies Revise Minor (guests: Stuart Miller and Avinoam Patt)
2021-161 AFRA/COGS 2345 Add Course (S) (guests: Letitia Naigles and Bede Agocha)
2021-141 ANTH 2200 Add Course (S) (guest: Deborah Bolnick)
2021-142 HIST 1805 Revise Course (G) (S)
2021-143 Asian American Studies Revise Minor
2021-144 Asian Studies Revise Minor
2021-145 ANTH 3093 Revise Course
2021-146 HRTS 3293 Revise Course
2021-147 HRTS/LLAS 2450 Add Course (S)
2021-148 HRTS Revise Major
2021-149 HRTS Revise Minor
2021-150 LLAS Revise Minor
2021-151 Latino Studies Revise Minor
2021-152 MARN 3003Q Revise Course (G) (S)
2021-153 MARN 5060 Revise Course
2021-154 MARN 5068 Add Course

2021-155	MARN 5202	Add Course
2021-156	MARN	Revise Major
2021-157	MARN	Review 4+1
2021-158	MATH 4110	Revise Course
2021-159	MCB 5625	Add Course
2021-160	PHYS	Revise Major

D. Discussion

1. Special Topics
2. C&C Meeting format – in person or online?

CATALOG COPY:

2021-80 ENGL 2107 Add Course (G) (S) (guest: Dwight Codr)

Proposed Copy:

ENGL 2107. British Empire, Slavery, and Resistance
3.0 credits
Prerequisite: ENGL 1007 or 1010 or 1011 or 2011
Grading Basis: Graded

Literature and culture of the British empire from 1600 to 1830. Focus on conquest, colonization, the institution of slavery, and resistance to empire. CA1 (B).

2021-115 URBN 3400E Add Course (G) (S) (guest: Phil Birge-Liberman)

Proposed Copy:

URBN 3400E. Urban Parks and Sustainability
3 Credits
Prerequisites: None
Grading Basis: Graded

Uses historical and contemporary analysis to explore a variety of park issues related to the social, ecological, and economic sustainability of cities, such as: the racial politics of park advocacy, the changing social practices of park use, the privatization of public space, urban resilience and green infrastructure, and the relationship between parks, gentrification, and urban sustainability. CA2.

2021-127 SOCI 2260 Add Course (S) (guest: Matthew Hughey)

Proposed Copy:

SOCI 2260. Science, Medicine, and Race
3.0 credits
Prerequisites: None
Recommended Preparation: SOCI 1001
Grading Basis: Graded

An introduction to science, medicine, and the construct of race. Employs a variety of scholarly literatures but centers on the social constructionist approach to race. Topics may include colonialism, eugenics, and Darwinism; modern notions of biology and species; the causes and consequences of health inequities across the color-line; genetic and genomic research; and DNA and ancestry testing.

2021-133 CHEM 5357 Add Course (guest: Rebecca Quardokus)

Proposed Copy:

CHEM 5357. Surface Science

3.0 credits

Prerequisite: None. May not be taken for credit by students who have passed CHEM 5393 when offered as "Surface Science."

Grading Basis: Graded

A study of the fundamentals of surfaces, crystals, adsorbates, and surface analysis techniques. Application of general, physical, and analytical chemistry concepts in surface science.

2021-134 AFRA/HIST 2752 Revise Course (G) (S) (guest: Fiona Vernal)

Current Copy:

AFRA 3752. History of Pre-Colonial Africa

Also offered as: HIST 3752

3.00 credits

Prerequisites: None

Grading Basis: Graded

The history of pre-colonial Africa with particular attention to the rise and fall of African Kingdoms, interaction between different ethnic groups, African trade with other continents, and the impact of foreigners on African societies.

Proposed Copy:

AFRA 2752. Africa in Global History

Also offered as: HIST 2752

3.00 credits

Prerequisites: None

Grading Basis: Graded

Broad historical survey of civilizations in Africa, including origins of human life in Africa, economic livelihoods, socio-economic and political structures, state formation, trade, commerce, urbanization, and indigenous systems of belief and world religions. CA1(C). CA4-INT.

2021-135 AFRA 4996 Add Course (guest: Fiona Vernal)

Proposed Copy:

AFRA 4996. Honors Thesis Preparation

3.00 credits

Prerequisite: AFRA 2211. Open to juniors or higher. Instructor consent required.

Grading Basis: Honors

Preliminary reading in primary and secondary sources or key texts in research field in consultation with thesis advisor.

2021-136 AFRA 4997W Add Course (G) (S) (guest: Fiona Vernal)

Proposed Copy:

AFRA 4997W. Senior Thesis in Africana Studies

3.00 credits

Prerequisites: AFRA 2211; AFRA 4996. Instructor consent required. Open only to Honors students.

Grading Basis: Honors

Research and writing in the major with close supervision of multiple drafts.

2021-137 HEJS 5312 Add Course (guest: Stuart Miller)

Proposed Copy:

HEJS 5312. Readings in Talmudic Literature

3.0 credits

Prerequisites: Open to graduate students in LCL; undergraduates by instructor consent.

Grading Basis: Graded

May be repeated for credit with a change of topic to a maximum of 9 credits.

Selected readings from the Babylonian or Palestinian Talmud. Focus will be either a particular theme or a specific tractate.

2021-138 HEJS 5313 Add Course (guest: Stuart Miller)

Proposed Copy:

HEJS 5313 Readings in Midrashic Literature

3.0 credits

Open to graduate students in LCL; undergraduates by instructor consent.

Grading Basis: Graded

May be repeated for credit with a change of topic to a maximum of 9 credits.

Selected readings in genres, collections or specific topics in Midrashic literature.

Current Copy:

INTD 3260. The Bible

3.00 credits

Prerequisites: None.
Grading Basis: Graded

The literary, historical, and philosophical content, circumstances and problems of the Old and New Testaments. May be counted toward the related field requirement in History, Philosophy, or English. CA 1.

2021-139 INTD 3260 Revise Course (G) (S) (guest: Stuart Miller)

Proposed Copy:

INTD 3260. The Bible, the Holy Land, and History
3.00 credits
Prerequisites: None.
Grading Basis: Graded

The historical, literary and archaeological investigation of the Old and New Testaments. May be counted toward the related field requirement in History, Philosophy, or English. CA 1.

2021-140 Judaic Studies Revise Minor (guests: Stuart Miller and Avinoam Patt)

Current Copy:

Judaic Studies Minor

The purpose of this minor is to provide in-depth study of topics in Judaic Studies reflecting the history, literature, and culture of the diverse experiences of Jews throughout the world stretching back four millennia to biblical Israel.

Course Requirements

HEJS 1103 is required of all minors. At least one year of Biblical or Modern Hebrew is strongly recommended.

A minimum of six credits in Foundational Courses (Group A): HEJS 3201; HEJS/CAMS/HIST 3330; HEJS 3301; INTD 3260.

Nine additional credits may be drawn from other Group A offerings or from the following Topical Courses (Group B): HEJS 2104, 2203, 2204, 2301, 3202; HEJS 3203/HIST 3418; HEJS 3241, 3279, 3401/W; CAMS 3244, CAMS/HIST 3301; HIST 3705, 3712.

The following may be substituted for Group B courses with the approval of the student's HEJS advisor: HEJS 3293, 3299; and SPAN 3200.

All 15 credits may consist of courses from Group A. Some HEJS Graduate courses are open to undergraduates. These may be substituted for either Group A or Group B courses with the approval of the student's HEJS advisor.

The minor is offered by the Hebrew and Judaic Studies Section of the Literatures, Cultures and Languages Department.

Current Copy (as approved at the January 19 C&CC meeting)

Course Requirements

HEJS 1103 is required of all minors. At least one year of Biblical or Modern Hebrew is strongly recommended.

A minimum of six credits in Foundational Courses (Group A): HEJS 3201; HEJS/CAMS/HIST 3330; HEJS 3301; INTD 3260.

Nine additional credits may be drawn from other Group A offerings or from the following Topical Courses (Group B): HEJS 2104, 2200, 2203, 2204, 2301, 3202; HEJS 3203/HIST 3418; HEJS 3241, 3279, 3401/W, 3419; CAMS 3244, CAMS/HIST 3301; HIST 3705, 3712.

The following may be substituted for Group B courses with the approval of the student's HEJS advisor: HEJS 3293, 3299; and SPAN 3200.

All 15 credits may consist of courses from Group A. Some HEJS Graduate courses are open to undergraduates. These may be substituted for either Group A or Group B courses with the approval of the student's HEJS advisor.

Proposed Copy:

The purpose of this minor is to provide in-depth study of topics in Judaic Studies reflecting the history, literature, and culture of the diverse experiences of Jews throughout the world stretching back four millennia to biblical Israel.

[SRJ: This wording is part of the current catalog copy on the web but does not appear in the most recently approved copy; its absence from the recently approved copy was an oversight.]

Course Requirements

HEJS 1103 is required of all minors. At least one year of Biblical or Modern Hebrew is strongly recommended.

Students are required to take one class from each of three time periods: ancient (group A), medieval (group B), and modern (group C).

Students must complete at least 15 credits of course work beyond HEJS 1103.

A minimum of three credits in Ancient (Group A): HEJS 3201, 3202, 3241; HEJS/CAMS/HIST 3330/W; CAMS 3244; CAMS/HIST 3301; INTD 3260.

A minimum of three credits in Medieval (Group B): HEJS 3202, 3241, 3301, **3362**.

A minimum of three credits in Modern (Group C): HEJS 2104, 2200, 2203, 2204, 2301, 3202; HEJS 3203/HIST 3418; HEJS 3279, 3401/W; HEJS/HIST 3419; **ENGL 3629**; HIST 3705, 3712; **SOCI 2509W**.

Six additional credits may be drawn from courses in Groups A, B, or C. Courses which appear in more than one group may only be counted toward one group at a time.

The following courses may be substituted for either Group A, Group B, or Group C courses with the approval of the student's HEJS advisor: HEJS 3251, 3252, 3293, 3295, 3298, 3299; SPAN 3200. The student's HEJS advisor may also approve variable topic courses from other departments when the topic is appropriate to the minor.

Some HEJS Graduate courses are open to undergraduates. These may be substituted for either Group A, Group B, or Group C courses with the approval of the student's HEJS advisor.

The minor is offered by the Hebrew and Judaic Studies Section of the Literatures, Cultures and Languages Department.

[SRJ note: the courses in BOLD are ones that were not previously listed as courses counting for the minor in some capacity.]

2021-161 AFRA/COGS 2345 Add Course (S) (guests: Letitia Naigles and Bede Agocha)

Proposed Copy:

AFRA 2345. Language and Racism

(also offered as COGS 2345)

3 credits

Prerequisites: Open to sophomores or higher

Recommended Preparation: one course in AFRA or COGS

Examines the relationships between language use both historically and across the lifespan, and the social construction of race, racism, and racial identity, with particular emphasis on racial politics in the United States

2021-141 ANTH 2200 Add Course (S) (guest: Deborah Bolnick)

Proposed Copy:

ANTH 2200. Race and Human Biological Diversity

3.00 credits

Prerequisites: None.

Grading Basis: Graded.

An introduction to race and racism, concepts of racial difference, and the patterns of human biological variation. Special emphasis on understanding human biodiversity within historical, scientific, and social contexts. CA3. CA4.

2021-142 HIST 1805 Revise Course (G) (S)

Current Copy:

HIST 1805. East Asian History Through Hanzi Characters

3.00 credits

Prerequisites: None.

Grading Basis: Graded

East Asian history taught through analysis of select "hanzi" (Chinese ideographic symbols), focusing on their changing meanings and institutional manifestations in different regions over time. CA 1. CA 4-INT.

Proposed Copy;

HIST 1805. Key Words in East Asian History and Culture

3.00 credits

Prerequisites: None.

Grading Basis: Graded

East Asian history taught through analysis of select "hanzi" (Chinese ideographic symbols), focusing on their changing meanings and institutional manifestations in different regions over time. CA 1. CA 4-INT.

2021-143 Asian American Studies Revise Minor

Current Copy:

The Asian and Asian American Studies Institute (AAASI) at the University of Connecticut offers an interdisciplinary Minor in Asian American Studies. This minor reflects the comparative contours of Asian American Studies as a distinct race-based interdisciplinary.

The minor requires students to complete 15 credits at the 2000-level and above by fulfilling the requirements for Groups A and B, below. [AAAS 3998](#) can be taken repeatedly provided that the course content is varied. [AAAS 3295](#) and [4999](#) require prior consent of the Minor Advisor for fulfillment of minor. Students must earn a grade of "C" or better in each of the courses applied to the minor. A maximum of three credits towards the minor may be transfer credits of courses equivalent to University of Connecticut courses.

Group A: Asian American Studies

Nine credits chosen from: AAAS

2530, 3201, 3220, 3212, 3295, 3375, 3531, 3875, 3998, 4999; HDFS 3473; HIST 3202, 3845; SOCI 2271, 3821.

Group B: Comparative Ethnic Studies/Women's, Gender, Sexualities Studies

Six credits chosen from: AAAS 3221, 3222, 3295, 3998, 4999; AFRA

2214, 3505, 3563, 3564, 3825; ANTH 3041, 3202W; DRAM 3131; HDFS 3268; HIST 3562; POLS 3017, 3082.

Pending the minor advisor's approval, students may count up to six credit hours in independent study.

Consult with the minor advisor before completing the plan of study form. A copy of the approved plan of study must be filed with both the Asian and Asian American Studies Institute and the Degree Audit section of the Registrar's Office, located in the Wilbur Cross Building, during the first three weeks of the semester the student expects to graduate.

This minor is offered by the Asian and Asian American Studies Institute. Minor Advisors: Professor Jason Oliver Chang, Director, Asian and Asian American Studies Institute, Beach Hall, Room 417 or Professor Na-Rae Kim. For more information, contact Jason Oliver Chang by [email](#) or by phone at 860-486-5717.

Proposed Copy:

The Asian and Asian American Studies Institute (AAASI) at the University of Connecticut offers an interdisciplinary Minor in Asian American Studies. This minor reflects the comparative contours of Asian American Studies as a distinct race-based interdiscipline.

The minor requires students to complete 15 credits at the 2000-level and above by fulfilling the requirements for Groups A and B, below. AAAS 3998 can be taken repeatedly provided that the course content is varied. AAAS 3295 and 4999 require prior consent of the Minor Advisor for fulfillment of minor. Students must earn a grade of "C" or better in each of the courses applied to the minor. A maximum of three credits towards the minor may be transfer credits of courses equivalent to University of Connecticut courses.

Group A: Asian American Studies

Nine credits chosen from: AAAS

2530, 3201, 3220, 3212, 3295, 3375, 3531, 3875, 3998, 4999; HDFS 3473; HIST 3202, 3845; SOCI 2271, 3821.

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Six credits chosen from: AAAS 3221, 3222, 3295, 3998, 4999; AFRA

2214, 3505, 3563, 3564, 3825; ANTH 3041, 3202W; DRAM 3131; HDFS 3268; HIST 3562; POLS 3017, 3082.

Pending the minor advisor's approval, students may count up to six credit hours in independent study **or special topics**.

Consult with the minor advisor before completing the plan of study form. A copy of the approved plan of study must be filed with both the Asian and Asian American Studies Institute and the Degree Audit section of the Registrar's Office, located in the Wilbur Cross Building, during the first three weeks of the semester the student expects to graduate.

This minor is offered by the Asian and Asian American Studies Institute. Minor Advisors: Professor Jason Oliver Chang, Director, Asian and Asian American Studies Institute, Beach Hall, Room 417 or Professor Na-Rae Kim. For more information, contact Jason Oliver Chang by [email](#) or by phone at 860-486-5717.

2021-144 Asian Studies Revise Minor

Current Copy:

Completion of the minor requires students to complete 15 credits at the 2000 level and above by completion of Groups A and B.

Group A: History and Culture

Six credits chosen from: AAAS 3212, 3375, 3531, 3578, 3808, 3809, 3812; ANTH 3202W; ARTH 3720, 3740; CHIN 3230, 3270, 3275, 3282; DRAM 3601; ENGL 3320; HIST 2210E, 2841, 3095, 3822, 3832, 3842, 3845, 3863, 3875.

Group B: Politics, Movements, and Activism

Six credits chosen from: AAAS 3221, 3222; HIST 3202; POLS 3212, 3245, 3250, 3472; SOCI 3505, 3825.

An additional three credits can be taken from either Group A or Group B.

Recommended Courses

ARTH 1140; CHIN 1121, 1122; ENGL 1301; HIST 1801, 1805.

Pending the Minor Advisor's approval, students may count up to six credit hours in independent study.

This minor is offered by the Asian and Asian American Studies Institute. Minor Advisors: Professor Jason Oliver Chang, Director, Asian and Asian American Studies Institute, Beach Hall, Room 417 or Professor Na-Rae Kim. For more information, contact Jason Oliver Chang by [email](#) or by phone at 860-486-5717.

Proposed Copy:

Completion of the minor requires students to complete 15 credits at the 2000 level and above by completion of Groups A and B.

Group A: History and Culture

Six credits chosen from: AAAS 3212, 3375, 3531, 3578, 3808, 3809, 3812; ANTH 3202W; ARTH 3720, 3740; CHIN 3230, 3270, 3275, 3282; DRAM 3601; ENGL 3320; HIST 2210E, 2841, 3095, 3822, 3832, 3842, 3845, 3863, 3875.

Group B: Politics, Movements, and Activism

Six credits chosen from: AAAS 3221, 3222; HIST 3202; POLS 3212, 3245, 3250, 3472; SOCI 3505, 3825.

An additional three credits can be taken from either Group A or Group B.

Recommended Courses

ARTH 1140; CHIN 1121, 1122; ENGL 1301; HIST 1801, 1805.

Pending the Minor Advisor's approval, students may count up to six credit hours in independent study **or special topics**.

This minor is offered by the Asian and Asian American Studies Institute. Minor Advisors: Professor Jason Oliver Chang, Director, Asian and Asian American Studies Institute, Beach Hall, Room 417 or Professor Na-Rae Kim. For more information, contact Jason Oliver Chang by [email](#) or by phone at 860-486-5717.

2021-145 ANTH 3093 Revise Course

Current Copy:

ANTH 3093. Foreign Study
1.00 - 6.00 credits | May be repeated for credit.
Prerequisites: None.
Grading Basis: Graded

Special topics taken in a foreign study program. May count toward the major with consent of the advisor. May be repeated for credit.

Proposed Copy:

ANTH 3093. International Study
1.00 - 6.00 credits | May be repeated for credit.
Prerequisites: None.
Grading Basis: Graded

Special topics taken in the Education Abroad program. May count toward the major with consent of the advisor. May be repeated for credit.

2021-146 HRTS 3293 Revise Course

Current Copy:

HRTS 3293. Foreign Study

1.00 - 15.00 credits | May be repeated for credit.

Prerequisites: None.

Grading Basis: Graded

Special topics taken in a foreign study program. With a change in content, may be repeated for credit. May be taken for a maximum of 15 credits. Consent of the Minor Director required prior to departure.

Proposed Copy:

HRTS 3293. International Study

1.00 - 15.00 credits | May be repeated for credit.

Prerequisites: None.

Grading Basis: Graded

Special topics taken in the Education Abroad program. With a change in content, may be repeated for credit. May be taken for a maximum of 15 credits. Consent of the Minor Director required prior to departure.

2021-147 HRTS/LLAS 2450 Add Course (S)

Proposed Copy:

HRTS 2450: Human Rights in Latin America

(also offered as LLAS 2450)

3 credits

Prerequisites: None

Grading Basis: Graded

Fundamental concepts and recurrent challenges of human rights in Latin America.

2021-148 HRTS Revise Major

Current Copy:

The field of concentration in Human Rights gives students an understanding of the legal instruments, norms, and institutions that constitute contemporary human rights law, as well as the social movements, cultural practices, and literary and artistic representations that have and continue to imagine the human rights ethic in various ways. In recent years, the human rights dimensions of many of the most vexing and pertinent issues at the global, national, and local level have gained prominence – including the problems of environmental deterioration, economic inequality, and ethnic and religious conflict. Students who major in Human Rights will

be better equipped not only to understand the complex nature of these and other issues, but also to develop and pursue novel approaches toward a better world. In addition to studying the manifold histories, theories, and practices of human rights in a systematic and comprehensive manner, students majoring in Human Rights will also develop more specialized methodological and topical expertise in a second discipline.

To complete the Major in Human Rights, students are required to complete an additional, primary major offered in the College of Liberal Arts and Sciences or an additional degree program offered in another University School or College. For students completing a double major within the College of Liberal Arts and Sciences, a minimum of 48 credits without overlap is required to earn both majors and students will receive one degree appropriate to their primary major.

For students completing a dual degree, at least 30 degree credits more than the degree with the higher minimum-credit requirement must be completed (a minimum of 150 credits) and students will receive a Bachelor of Arts in Human Rights along with another degree appropriate to their second program.

It is recommended that Human Rights majors declare their primary major by the end of their third semester.

Recommended course: [HRTS 1007](#)

Requirements for the Major in Human Rights

Undergraduate majors must complete a total of 36 credits: 9 credits of core courses with at least one course in each of groups A, B and C; 12 credits of elective courses from the lists of core courses (A, B and C) or elective courses; 12 credits of related courses as approved by the Director of the Human Rights Major; and [HRTS 4291](#) or [4996W](#).

Core Courses

A. Institutions and Laws

[ANTH/HRTS 3230/W](#); [HIST/HRTS 3202](#); [HRTS 3050](#), [3055](#), [3200/W](#), [HRTS/POLS 3212](#), [HRTS 3420](#), [3428](#); [HRTS/SOCI 3831](#), [3837/W](#).

B. History, Philosophy and Theory

[ANTH/HRTS 3326](#); [ANTH/HRTS/LLAS 3327](#); [ENGL/HRTS 3631](#); [HIST/HRTS 3201](#), [3207](#), [3232](#); [HRTS/POLS 3042](#); [HRTS/PHIL 3220/W](#); [HRTS 3710](#).

C. Applications and Methods

[BADM](#) or [BLAW](#) or [HRTS 3252](#); [BADM](#) or [BLAW](#) or [HRTS 3254](#); [DRAM/HRTS 3139](#); [ENGR](#) or [HRTS 3257](#); [HRTS 3149/W](#), [3250/W](#), [3475](#), [3540](#); [POLS/HRTS 3256/W](#), [3430](#); [SOCI/HRTS 3835/W](#).

D. Elective Courses

Any HRTS course numbered 2000 or above; ANTH/HRTS 3028/W, 3153W; ANTH 3150/W; ANTH/WGSS 3350; ARTH/HRTS 3575; DRAM/HEJS/HRTS 2203; ECON 2120, 3473/W; ECON 2445/HRTS/WGSS 3445; EDCI 2100, 3100; ENGL/HRTS 3619; ENGL 3629; GEOG 3240; HDFS 3251; HIST/AAAS 3531; HIST/WGSS 3562; HIST/HRTS/AFRA 3563; HIST 3100W, 3418, 3570; LLAS/HRTS 3221/HIST 3575; LLAS 3271/POLS 3834; NRE 2600E; NURS 3225; PHIL/HRTS 2170W, 3219/W; PHIL 2215/W, 3218; POLS/HRTS 3418/W, 3807; POLS/WGSS 3249; POLS 3672/WGSS 3052; POLS 3211, 3214, 3240; POLS/ENGR/HRTS 3209; SOCI/AAAS 3222/HRTS 3573; SOCI/HRTS 3421/W; SOCI 2503/W, 3833; SOCI/HRTS/AFRA 3505, 3825; WGSS/HRTS 2263; WGSS 2255, 3105, 3257, 3269.

E. Related Courses

A minimum of 12 credits of related courses (2000 level or above) must be approved by the director of the Human Rights major.

F. Capstone Course (Three credits)

HRTS 4291 or HRTS 4996/W.

Information Literacy and Writing Requirements

The following courses satisfy the Information Literacy Competency and Writing in the Major requirements: ANTH/HRTS 3028W, 3153W; ANTH 3150W; ARTH 3575W; ECON 3473W; EDCI 3100W; HRTS 3149W, 3200W, 3250W, 4996W; HRTS/PHIL 2170W, 2215W, 3219W, 3220W; POLS 3211W; POLS/HRTS 3256W, 3418W; SOCI 2503W, 3421W; SOCI/HRTS 3835W, 3837W; and WGSS 2255W, 3105W, 3257W.

Proposed Copy:

The field of concentration in Human Rights gives students an understanding of the legal instruments, norms, and institutions that constitute contemporary human rights law, as well as the social movements, cultural practices, and literary and artistic representations that have and continue to imagine the human rights ethic in various ways. In recent years, the human rights dimensions of many of the most vexing and pertinent issues at the global, national, and local level have gained prominence – including the problems of environmental deterioration, economic inequality, and ethnic and religious conflict. Students who major in Human Rights will be better equipped not only to understand the complex nature of these and other issues, but also to develop and pursue novel approaches toward a better world. In addition to studying the manifold histories, theories, and practices of human rights in a systematic and comprehensive manner, students majoring in Human Rights will also develop more specialized methodological and topical expertise in a second discipline.

To complete the Major in Human Rights, students are required to complete an additional, primary major offered in the College of Liberal Arts and Sciences or an additional degree program offered in another University School or College. For students completing a double major within the College of Liberal Arts and Sciences, a minimum of 48 credits without overlap is required to earn both majors and students will receive one degree appropriate to their primary major.

For students completing a dual degree, at least 30 degree credits more than the degree with the higher minimum-credit requirement must be completed (a minimum of 150 credits) and students will receive a Bachelor of Arts in Human Rights along with another degree appropriate to their second program.

It is recommended that Human Rights majors declare their primary major by the end of their third semester.

Recommended course: [HRTS 1007](#)

Requirements for the Major in Human Rights

Undergraduate majors must complete a total of 36 credits: 9 credits of core courses with at least one course in each of groups A, B and C; 12 credits of elective courses from the lists of core courses (A, B and C) or elective courses; 12 credits of related courses as approved by the Director of the Human Rights Major; and [HRTS 4291](#) or [4996W](#).

Core Courses

A. Institutions and Laws

[ANTH/HRTS 3230/W](#); [HIST/HRTS 3202](#); [HRTS 3050](#), [3055](#), [3200/W](#), [HRTS/POLS 3212](#), [HRTS 3420](#), [3428](#); [HRTS/SOCI 3831](#), [3837/W](#).

B. History, Philosophy and Theory

[ANTH/HRTS 3326](#); [ANTH/HRTS/LLAS 3327](#); [ENGL/HRTS 3631](#); [HIST/HRTS 3201](#), [3207](#), [3232](#); [HRTS 2100W](#); [HRTS/LLAS 2450](#); [HRTS/POLS 3042](#); [HRTS/PHIL 3220/W](#); [HRTS 3710](#).

C. Applications and Methods

[BADM](#) or [BLAW](#) or [HRTS 3252](#); [BADM](#) or [BLAW](#) or [HRTS 3254](#); [DRAM/HRTS 3139](#); [ENGR](#) or [HRTS 3257](#); [HRTS 3149/W](#), [3250/W](#), [3475](#), [3540](#); [POLS/HRTS 3256/W](#), [3430](#); [SOCI/HRTS 3835/W](#).

D. Elective Courses

Any [HRTS](#) course numbered 2000 or above; [ANTH/HRTS 3028/W](#), [3153W](#); [ANTH 3150/W](#); [ANTH/WGSS 3350](#); [ARTH/HRTS 3575](#); [DRAM/HEJS/HRTS 2203](#); [ECON 2120](#), [3473/W](#); [ECON 2445/HRTS/WGSS 3445](#); [EDCI 2100](#), [3100](#); [ENGL/HRTS 3619](#); [ENGL 3629](#); [GEOG 3240](#); [HDFS 3251](#); [HIST/AAAS 3531](#); [HIST/WGSS 3562](#); [HIST/HRTS/AFRA 3563](#); [HIST](#)

3100W, 3418, 3570; LLAS/HRTS 3221/HIST 3575; LLAS 3271/POLS 3834; NRE 2600E; NURS 3225; PHIL/HRTS 2170W, 3219/W; PHIL 2215/W, 3218; POLS/HRTS 3418/W, 3807; POLS/WGSS 3249; POLS 3672/WGSS 3052; POLS 3211, 3214, 3240; POLS/ENGR/HRTS 3209; SOCI/AAAS 3222/HRTS 3573; SOCI/HRTS 3421/W; SOCI 2503/W, 3833; SOCI/HRTS/AFRA 3505, 3825; WGSS/HRTS 2263; WGSS 2255, 3105, 3257, 3269.

E. Related Courses

A minimum of 12 credits of related courses (2000 level or above) must be approved by the director of the Human Rights major.

F. Capstone Course (Three credits)

HRTS 4291 or HRTS 4996/W.

Information Literacy and Writing Requirements

The following courses satisfy the Information Literacy Competency and Writing in the Major requirements: ANTH/HRTS 3028W, 3153W; ANTH 3150W; ARTH 3575W; ECON 3473W; EDCI 3100W; HRTS 3149W, 3200W, 3250W, 4996W; HRTS/PHIL 2170W, 2215W, 3219W, 3220W; POLS 3211W; POLS/HRTS 3256W, 3418W; SOCI 2503W, 3421W; SOCI/HRTS 3835W, 3837W; and WGSS 2255W, 3105W, 3257W.

2021-149 HRTS Revise Minor

Current Copy:

This minor provides interdisciplinary instruction in theoretical, comparative, and historical perspectives on human rights through classroom courses, and valuable practical experience in the human rights field through a supervised internship. Fifteen credits at the 2000-level or above are required; at least three credits from Group A (Institutions and Laws or History, Philosophy, and Theory) and three credits from Group B (Applications and Methods); no more than six credits from Group C (Electives); and three credits from Group D (Internship). No more than six credits taken in any one department may be applied to this minor.

Group A

A. Institutions and Laws

ANTH/HRTS 3230/W; HIST/HRTS 3202; HRTS 3050, 3055, 3200/W, HRTS/POLS 3212, HRTS 3420, 3428; HRTS/SOCI 3831, 3837/W.

B. History, Philosophy and Theory

ANTH/HRTS 3326; ANTH/HRTS/LLAS 3327, ENGL/HRTS 3631; HIST/HRTS 3201, 3207, 3232; HRTS/POLS 3042; HRTS/PHIL 3220; HRTS 3710.

Group B Applications and Methods

BADM 3252 or BLAW 3252/HRTS 3252; BADM 3254 or BLAW 3254 or HRTS 3254; DRAM/HRTS 3139; ENGR 3257 or HRTS 3257; HRTS 3149/W, 3250/W, 3475, 3540; POLS/HRTS 3256/W, 3430; SOCI/HRTS 3835.

Group C Electives

Any HRTS course numbered 2000 or above; ANTH/HRTS 3028/W, 3153W; ANTH 3150/W; ANTH/WGSS 3350; ARTH/HRTS 3575; DRAM/HEJS/HRTS 2203; ECON 2445/HRTS/WGSS 3445; ECON 2120, 3473/W; EDCI 2100, 3100; ENGL/HRTS 3619; ENGL 3629; GEOG 3240; HDFS 3251; HIST/AAAS 3531; HIST/WGSS 3562; HIST/HRTS/AFRA 3563; HIST 3100W, 3418, 3570; LLAS/HRTS 3221/HIST 3575; LLAS 3271/POLS 3834; NRE 2600E; NURS 3225; PHIL/HRTS 2170W, 3219/W; PHIL 2215/W, 3218; POLS/HRTS 3418/W; 3807; POLS/WGSS 3249; POLS 3672/WGSS 3052; POLS 3211, 3214, 3240; POLS/ENGR/HRTS 3209; SOCI/AAAS 3222/HRTS 3573; SOCI/HRTS 3421/W, SOCI 2503/W, 3833; SOCI/HRTS/AFRA 3505, 3825; WGSS/HRTS 2263; WGSS 2255, 3105, 3257, 3269.

Group D Internship

HRTS 4291

The minor is offered by the [College of Liberal Arts and Sciences](#).

Proposed Copy:

This minor provides interdisciplinary instruction in theoretical, comparative, and historical perspectives on human rights through classroom courses, and valuable practical experience in the human rights field through a supervised internship. Fifteen credits at the 2000-level or above are required; at least three credits from Group A (Institutions and Laws or History, Philosophy, and Theory) and three credits from Group B (Applications and Methods); no more than six credits from Group C (Electives); and three credits from Group D (Internship). No more than six credits taken in any one department may be applied to this minor.

Group A

A. Institutions and Laws

ANTH/HRTS 3230/W; HIST/HRTS 3202; HRTS 3050, 3055, 3200/W, HRTS/POLS 3212, HRTS 3420, 3428; HRTS/SOCI 3831, 3837/W.

B. History, Philosophy and Theory

ANTH/HRTS 3326; ANTH/HRTS/LLAS 3327, ENGL/HRTS 3631; HIST/HRTS 3201, 3207, 3232; HRTS 2100W; HRTS/LLAS 2450; HRTS/POLS 3042; HRTS/PHIL 3220; HRTS 3710.

Group B Applications and Methods

BADM 3252 or BLAW 3252/HRTS 3252; BADM 3254 or BLAW 3254 or HRTS 3254; DRAM/HRTS 3139; ENGR 3257 or HRTS 3257; HRTS 3149/W, 3250/W, 3475, 3540; POLS/HRTS 3256/W, 3430; SOCI/HRTS 3835.

Group C Electives

Any HRTS course numbered 2000 or above; ANTH/HRTS 3028/W, 3153W; ANTH 3150/W; ANTH/WGSS 3350; ARTH/HRTS 3575; DRAM/HEJS/HRTS 2203; ECON 2445/HRTS/WGSS 3445; ECON 2120, 3473/W; EDCI 2100, 3100; ENGL/HRTS 3619; ENGL 3629; GEOG 3240; HDFS 3251; HIST/AAAS 3531; HIST/WGSS 3562; HIST/HRTS/AFRA 3563; HIST 3100W, 3418, 3570; LLAS/HRTS 3221/HIST 3575; LLAS 3271/POLS 3834; NRE 2600E; NURS 3225; PHIL/HRTS 2170W, 3219/W; PHIL 2215/W, 3218; POLS/HRTS 3418/W; 3807; POLS/WGSS 3249; POLS 3672/WGSS 3052; POLS 3211, 3214, 3240; POLS/ENGR/HRTS 3209; SOCI/AAAS 3222/HRTS 3573; SOCI/HRTS 3421/W, SOCI 2503/W, 3833; SOCI/HRTS/AFRA 3505, 3825; WGSS/HRTS 2263; WGSS 2255, 3105, 3257, 3269.

Group D Internship

HRTS 4291

The minor is offered by the [College of Liberal Arts and Sciences](#).

2021-150 LLAS Revise Minor

Current Copy:

The interdisciplinary minor in Latin American Studies offers a basic understanding of the peoples and cultures of Latin America and the Caribbean, their history and contemporary economic, social, and political problems, and the region's relations with the United States.

Requirements

The minor consists of a minimum of 15 credit hours of course work selected from at least three disciplines distributed from the courses below:

- [LLAS 2011W, 2012, 2293, 2995, 3293, 3998, 3999, 4212, 4994W](#) ;
- [ANTH/LLAS 3021, ANTH/LLAS 3029; ANTH 3041/LLAS 3241; ANTH 3042, 3150; ANTH/AFRA 3152; ANTH/LLAS/HRTS 3327;](#)
- [ARTH 3630/W, 3640/W, 3645/W;](#)
- [ECON/LLAS 2474;](#)
- [GEOG 4710;](#)
- [HIST 2621; HIST/URBN 2650; HIST/LLAS/AFRA 3618, HIST/LLAS/AFRA 3619/W, HIST/AFRA 3620; HIST/LLAS/AFRA/WGSS 3622; HIST 3643; HIST 4994W;](#)

[HIST/AFRA 3206](#); [HIST/LLAS/AFRA 3208](#); [HIST/LLAS 3607](#); [HIST/LLAS 3608W](#),
[HIST/LLAS 3609](#), [HIST/LLAS 3635](#), [HIST/LLAS 3660W](#);

- [POLS 3218](#), [3235](#), [3237](#); [POLS/LLAS 3667](#); [POLS 3834/LLAS 3271](#);
- [SPAN 3201](#), [3205](#), [3207](#), [3214](#), [3233](#), [3234](#), [3250](#), [3251](#), [3254](#), [3260](#), [3266](#), [3267W](#);
[SPAN/LLAS 3265](#).

With approval of the minor advisor, appropriate sections of 3293 courses taken through Education Abroad may count towards the minor. Appropriate sections of special or variable topic courses, including [AFRA 3898](#), [ANTH 3098](#), [HIST 3098](#), [HRTS 3298](#), [POLS 2998](#), [SPAN 3298](#), and [WGSS 3998](#) may also count towards the minor with advisor consent.

Language Requirement

(Credits do not apply to minor's 15 credit minimum) Students may demonstrate elementary proficiency in a Latin American language in one of the following ways:

- One 2000-level or above language course
- Pass equivalent language exam administered by the Department of Literatures, Cultures and Languages
- Requirement waived for native speakers

Students minoring in Latin American Studies should also consider participating in an Education Abroad program in Latin America or the Caribbean. Courses taken abroad may be counted toward the minor if they are equivalents of the courses listed above.

The minor is offered by [El Instituto: Latino/a, Caribbean and Latin American Studies Institute](#). For information, contact [Anne Gebelein](#) or call 860-486-5508.

Proposed Copy:

The interdisciplinary minor in Latin American Studies offers a basic understanding of the peoples and cultures of Latin America and the Caribbean, their history and contemporary economic, social, and political problems, and the region's relations with the United States.

Requirements

The minor consists of a minimum of 15 credit hours of course work selected from at least three disciplines distributed from the courses below:

- [LLAS 2011W](#), [2012](#), [2293](#), [2995](#), [3293](#), [3998](#), [3999](#), [4212](#), [4994W](#) ;
- [ANTH/LLAS 3021](#), [ANTH/LLAS 3029](#); [ANTH 3041/LLAS 3241](#); [ANTH 3042](#), [3150](#);
[ANTH/AFRA 3152](#); [ANTH/LLAS/HRTS 3327](#);
- [ARTH 3630/W](#), [3640/W](#), [3645/W](#);
- [LLAS/HRTS 2450](#)
- [ECON/LLAS 2474](#);
- [GEOG 4710](#);

- HIST 2621; HIST/URBN 2650; HIST/LLAS/AFRA 3618, HIST/LLAS/AFRA 3619/W, HIST/AFRA 3620; HIST/LLAS/AFRA/WGSS 3622; HIST 3643; HIST 4994W; HIST/AFRA 3206; HIST/LLAS/AFRA 3208; HIST/LLAS 3607; HIST/LLAS 3608W, HIST/LLAS 3609, HIST/LLAS 3635, HIST/LLAS 3660W; **LLAS/HIST 3662**
- POLS 3218, 3235, 3237; POLS/LLAS 3667; POLS 3834/LLAS 3271;
- SPAN 3201, 3205, 3207, 3214, 3233, 3234, 3250, 3251, 3254, 3260, 3266, 3267W; SPAN/LLAS 3265.

With approval of the minor advisor, appropriate sections of 3293 courses taken through Education Abroad may count towards the minor. Appropriate sections of special or variable topic courses, including [AFRA 3898](#), [ANTH 3098](#), [HIST 3098](#), [HRTS 3298](#), [POLS 2998](#), [SPAN 3298](#), and [WGSS 3998](#) may also count towards the minor with advisor consent.

Language Requirement

(Credits do not apply to minor's 15 credit minimum) Students may demonstrate elementary proficiency in a Latin American language in one of the following ways:

- One 2000-level or above language course
- Pass equivalent language exam administered by the Department of Literatures, Cultures and Languages
- Requirement waived for native speakers

Students minoring in Latin American Studies should also consider participating in an Education Abroad program in Latin America or the Caribbean. Courses taken abroad may be counted toward the minor if they are equivalents of the courses listed above.

The minor is offered by [El Instituto: Latino/a, Caribbean and Latin American Studies Institute](#). For information, contact [Anne Gebelein](#) or call 860-486-5508.

2021-151 Latino Studies Revise Minor

Current Copy:

This minor advances a critical understanding of Latinos/as as an integral social and cultural component of United States society and of the American hemisphere. Since it employs interdisciplinary research methods, this minor enhances a variety of majors and fields of study.

Requirements

The Latino Studies minor requires a minimum of 15 credits of coursework. At least nine of these credits must be from courses listed as, or cross-listed with LLAS:

- [LLAS 2001](#), [2011W](#), [2012](#), [2995](#), [3210](#), [3211](#), [3998](#), [3999](#), [4212](#);
- [LLAS 3241/ANTH 3041](#);
- [LLAS/COMM 3320](#), [3322](#);

- [LLAS 3232/ENGL 3605, LLAS 3233/ENGL 3607;](#)
- [LLAS 3250/HDFS 3442, LLAS 3251/HDFS 3268;](#)
- [LLAS 3220/HIST 3674, LLAS/HRTS 3221/HIST 3575, LLAS/HIST 3660W;](#)
- [LLAS 3270/POLS 3662, LLAS 3271/POLS 3834, LLAS/POLS 3667;](#)
- [LLAS/SOCI 3525;](#)
- [LLAS/SPAN 3265;](#)
- [LLAS 3230/WGSS 3258, LLAS 3231/WGSS 3259, LLAS 3264/WGSS 3260/COMM 3321.](#)

Additional courses elected from the following list may be counted for up to six credits permitted toward satisfaction of the required total of fifteen:

- [AASI/HIST/LLAS 3875;](#)
- [AFRA/HIST/LLAS/WGSS 3622; AFRA/HRTS/SOCI 3505; AFRA/SOCI 3501;](#)
- [ANTH 3021, 3029, 3042, 3150, 3152;](#)
- [ARTH 3640;](#)
- [COMM 3220, 4450W, 4802;](#)
- [DRAM 3133;](#)
- [ECON 2444, 2456; ECON/LLAS 2474;](#)
- [ENGL 3218, 3265W, 4203W;](#)
- [HDFS 3421;](#)
- [HIST 2621, 3554, 3608W, 3610, 3620, 3660W; HIST/LLAS 3609, 3619, 3635;](#)
- [INTD 2245;](#)
- [POLS 3218, 3235, 3237;](#)
- [SOCI/HRTS 3421/W, 3831; SOCI 2503, 2907, 3429, 3901, 3911, 3971;](#)
- [SPAN 3204, 3205, 3208, 3214, 3266;](#)
- [URBN 3276;](#)
- [WGSS 2267.](#)

The minor is offered by [El Instituto: Latino/a, Caribbean and Latin American Studies Institute](#). For information, contact [Anne Gebelein](#) or call 860-486-5508.

Proposed Copy:

This minor advances a critical understanding of Latinos/as as an integral social and cultural component of United States society and of the American hemisphere. Since it employs interdisciplinary research methods, this minor enhances a variety of majors and fields of study.

Requirements

The Latino Studies minor requires a minimum of 15 credits of coursework. At least nine of these credits must be from courses listed as, or cross-listed with LLAS:

- [LLAS 2001, 2011W, 2012, 2995, 3210, 3211, 3998, 3999, 4212;](#)

- LLAS 3241/ANTH 3041;
- LLAS/COMM 3320, 3322;
- LLAS 3232/ENGL 3605, LLAS 3233/ENGL 3607;
- LLAS 3250/HDFS 3442, LLAS 3251/HDFS 3268;
- LLAS 3220/HIST 3674, LLAS/HRTS 3221/HIST 3575, LLAS/HIST 3660W;
LLAS/HIST/AFRA 3618; LLAS/HIST 3662
- LLAS 3270/POLS 3662, LLAS 3271/POLS 3834, LLAS/POLS 3667;
- LLAS/SOCI 3525;
- LLAS/SPAN 3265;
- LLAS 3230/WGSS 3258, LLAS 3231/WGSS 3259, LLAS 3264/WGSS 3260/COMM 3321.
- LLAS 3470

Additional courses elected from the following list may be counted for up to six credits permitted toward satisfaction of the required total of fifteen:

- AASI/HIST/LLAS 3875;
- AFRA/HIST/LLAS/WGSS 3622; AFRA/HRTS/SOCI 3505; AFRA/SOCI 3501;
- ANTH 3021, 3029, 3042, 3150, 3152;
- ARTH 3640;
- COMM 3220, 4450W, 4802;
- DRAM 3133;
- ECON 2444, 2456; ECON/LLAS 2474;
- ENGL 3218, 3265W, 4203W;
- HDFS 3421;
- HIST 2621, 3554, 3608W, 3610, 3620, 3660W; HIST/LLAS 3609, 3619, 3635;
- INTD 2245;
- POLS 3218, 3235, 3237;
- SOCI/HRTS 3421/W, 3831; SOCI 2503, 2907, 3429, 3901, 3911, 3971;
- SPAN 3204, 3205, 3208, 3214, 3265, 3266;
- URBN 3276;
- WGSS 2267.

The minor is offered by [El Instituto: Latino/a, Caribbean and Latin American Studies Institute](#). For information, contact [Anne Gebelein](#) or call 860-486-5508.

2021-152 MARN 3003Q Revise Course (G) (S)

Current Copy:

MARN 3003Q. Environmental Reaction and Transport

4.00 credits

Prerequisites: MARN 1002 or 1003; MATH 1110Q or 1071Q or 1131Q or 1151Q or 2141Q; BIOL 1107 and 1108; CHEM 1127Q and 1128Q; and PHYS 1201Q or 1401Q.

Grading Basis: Graded

An introduction to the chemical/biological reactions and transport dynamics of environmental systems. Mass balances, elementary fluid mechanics and the coupled dynamics of lakes, rivers, oceans, groundwater and the atmosphere as biogeochemical systems.

Proposed Copy:

MARN 4202Q Models of the Ocean Carbon Cycle

4.00 credits

Prerequisites: MARN 1002 or 1003; MATH 1110Q or 1071Q or 1131Q or 1151Q or 2141Q; BIOL 1107 and 1108; CHEM 1127Q and 1128Q; and PHYS 1201Q or 1401Q.

Grading Basis: Graded

Introduction to the chemical/biological reactions and transport dynamics of ocean models with the focus on attribution of anthropogenic carbon in the global ocean. Quantitative topics include mass balances, the coupled dynamics of oceans and the atmosphere as biogeochemical systems, and parameterizations of important biogeochemical processes.

2021-153 MARN 5060 Revise Course

Current Copy:

MARN 5060 Dynamic Physical Oceanography

3 credits

Prerequisites: None

Grading Basis: Graded

Global energy balance. General circulation in the oceans and atmosphere. Thermodynamics and stability. Fundamental fluid mechanics. Surface gravity waves. Geophysical fluid mechanics. Tides and other long waves. Theories of global circulation.

Proposed Copy:

MARN 5060 Dynamic Physical Oceanography

3 credits

Prerequisites: None

Grading Basis: Graded

Introduction to a theoretical and computational understanding of physical processes that control the structure and circulation in the ocean and atmosphere. Topics include the global energy balance, thermodynamics and stability, fundamental geophysical fluid mechanics, surface gravity waves, tides and other long waves.

2021-154 MARN 5068 Add Course

Proposed Copy:

MARN 5068. Ocean Fluid Dynamics

3 credits

Prerequisites: None

Grading Basis: Graded

Physical processes controlling the circulation and mixing of the ocean focusing on small scale processes with short time scales. Topics include fundamental fluid mechanics, thermodynamics, turbulence, waves, wave-current interactions, and air-sea interaction.

2021-155 MARN 5202 Add Course

Proposed Copy:

MARN 5202. Models of the Ocean Carbon Cycle.

4 credits

Prerequisites: Not open for credit to students who have passed MARN 4202Q.

Grading Basis: Graded

Introduction to the chemical/biological reactions and transport dynamics of ocean models with the focus on attribution of anthropogenic carbon in the global ocean. Quantitative topics include mass balances, the coupled dynamics of oceans and the atmosphere as biogeochemical systems, and parameterizations of important biogeochemical processes.

2021-156 MARN Revise Major

Current Copy:

Students in the Marine Sciences major receive multidisciplinary training in the biological, chemical, physical, and geological processes of the ocean with emphasis on how humans impact the coastal environment. In addition to receiving a strong foundation in mathematics and natural sciences, students engage in experiential learning, fieldwork, internships, study abroad and senior-year capstone courses that foster interdisciplinary training. The Marine Sciences major at UConn prepares graduates for employment in environmental consulting, regulatory agencies and research institutions, and for graduate studies.

Bachelor of Science in Marine Sciences

The B.S. in Marine Sciences requires a foundation of courses including 30 credits of Marine Sciences courses, and 12 credits of Related Area courses. Marine Sciences majors in the B.S. must pass the following courses:

I. Required courses in Basic Sciences and Math

[BIOL 1107](#) and [1108](#); [CHEM 1124Q](#), [1125Q](#) and [1126Q](#), or [CHEM 1127Q](#) and [1128Q](#); [MATH 1131Q](#), and [1132Q](#); [PHYS 1201Q](#) and [1202Q](#), or [PHYS 1401Q](#) and [1402Q](#); [STAT 1100Q](#) or another course approved by the Department Head.

II. Marine Sciences B.S. Major Requirements

The following courses constitute the major requirements: [MARN 1002](#) or [1003](#), [2801W](#), [3001](#), [3002](#), [3003Q](#), [4001](#), [4002](#), and three electives. The electives must represent different areas of Marine Sciences. Three courses must be completed from the following groups of electives. At least one course must be completed from each of the two groups:

- Group 1: [MARN 2060](#), [3000E](#), [3060](#), [3230](#), [3505](#), [4030W](#), [4050](#), [4060](#), [4066](#).
- Group 2: [MARN 3012](#), [3014](#), [3015](#), [3017](#), [3030](#), [3811](#), [4010](#), [4018](#).

Students may be able to use [MARN 3893](#), [4893](#), [4895](#), [4898](#) or other MARN courses towards one or more of these electives with prior approval of the Department Head.

III. Marine Sciences B.S. Related Area

In consultation with their faculty advisor, students choose Related Area courses appropriate to their interests.

Bachelor of Arts in Marine Sciences

Students who choose the B.A. in Marine Sciences are typically more interested in marine and environmental policy, management, and/or education. The B.A. in Marine Sciences requires a foundation of courses including 26 credits of Marine Sciences courses, and 18 credits constituting the Related Area.

Marine Sciences majors in the B.A. must pass the following courses:

I. Required courses in the Basic Sciences and Math

[BIOL 1107](#) and [1108](#); [CHEM 1124Q](#), [1125Q](#), and [1126Q](#), or [CHEM 1127Q](#) and [1128Q](#); [MATH 1060Q](#) and [1071Q](#), or [MATH 1131Q](#); [PHYS 1201Q](#) or [PHYS 1401Q](#); [STAT 1100Q](#) or another course approved by the Department Head.

II. Marine Sciences B.A. Major Requirements

The following courses constitute the major requirements: [MARN 1002](#) or [1003](#), [2801WE](#), [3001](#), [3002](#), [4001](#), [4002](#), and any three of the MARN electives listed in Group 1 or Group 2 in the B.S. requirements above.

Students may be able to use [MARN 3893](#), [4893](#), [4895](#), [4898](#), or other MARN courses towards one or more of these electives with prior approval of the Department Head.

III. Marine Sciences B.A. Related Area

In consultation with their faculty advisor, students choose Related Area courses appropriate to their interests.

Competency Requirements (B.S. and B.A. programs)

The University's General Education competency requirements for information literacy will be satisfied by completing the requirements above, in particular [MARN 3001](#), [2801WE](#), and [4002](#). The writing in the major requirement will be satisfied by [MARN 2801WE](#).

Note: Some Marine Sciences courses may be offered only at the Avery Point campus. Others may be partially available through Distance Learning.

Minors in [Marine Biology](#) and [Oceanography](#) are described in the Minors section.

Proposed Copy:

Students in the Marine Sciences major receive multidisciplinary training in the biological, chemical, physical, and geological processes of the ocean with emphasis on how humans impact the coastal environment. In addition to receiving a strong foundation in mathematics and natural sciences, students engage in experiential learning, fieldwork, internships, study abroad and senior-year capstone courses that foster interdisciplinary training. The Marine Sciences major at UConn prepares graduates for employment in environmental consulting, regulatory agencies and research institutions, and for graduate studies.

Bachelor of Science in Marine Sciences

The B.S. in Marine Sciences requires a foundation of courses including **at least 30** credits of Marine Sciences courses (**27 at 2000-level and above**), and 12 credits of Related Area courses. Marine Sciences majors in the B.S. must pass the following courses:

I. Required courses in Basic Sciences and Math

[BIOL 1107](#) and [1108](#); [CHEM 1124Q](#), [1125Q](#) and [1126Q](#), or [CHEM 1127Q](#) and [1128Q](#); [MATH 1131Q](#), and [1132Q](#); [PHYS 1201Q](#) and [1202Q](#), or [PHYS 1401Q](#) and [1402Q](#);

Introductory statistics or data analysis: [STAT 1000Q](#) or [STAT 1100Q](#) or [STAT 3025Q](#) or [CSE 1010](#) or [CSE 1100](#) or [PHYS 2200](#) or [PHYS 2400](#) or [PHYS 2501W](#) or [CHEM 3332](#) or [GEOG 2500](#) or [GEOG 2510](#) or [GSCI 2500](#).

II. Marine Sciences B.S. Major Requirements

The following courses constitute the major requirements: MARN1002 or 1003, 2801WE, 3001, 3002, 4001, 4002 or 4896W with prior consent of the Department Head. Four MARN electives must be completed with at least one course from each group:

Group 1: MARN 3000E, 3060, 3230, 3505, 4030W, 4050, 4052, 4060, 4066

Group 2: MARN 3012, 3014, 3015, 3017, 3030, 3811, 3812, 4010, 4018, 4130

Group 3: MARN 3003Q, 4210Q

A maximum of four MARN 5000+ graduate level courses may be used to fulfill some of these requirements. Students may be able to use MARN 3893, 4893, 4895, 4898 or other MARN courses towards one or more of these electives with prior approval of the Department Head.

III. Marine Sciences B.S. Related Area

In consultation with an advisor, four Related Area courses are taken in different fields or a single field of interest leading to a minor.

Bachelor of Arts in Marine Sciences

Students who choose the B.A. in Marine Sciences are typically more interested in marine and environmental policy, management, and/or education. The B.A. in Marine Sciences requires a foundation of courses including at least 30 credits of Marine Sciences courses (27 at 2000-level and above), and 12 credits constituting the Related Area.

Marine Sciences majors in the B.A. must pass the following courses:

I. Required courses in the Basic Sciences and Math

BIOL 1107 and 1108; CHEM 1124Q, 1125Q, and 1126Q, or CHEM 1127Q and 1128Q; MATH 1060Q and 1071Q, or MATH 1131Q; PHYS 1201Q or PHYS 1401Q;

Introductory statistics or data analysis: STAT 1000Q or STAT 1100Q or STAT 3025Q or CSE 1010 or CSE 1100 or PHYS 2200 or PHYS 2400 or PHYS 2501W or CHEM 3332 or GEOG 2500 or GEOG 2510 or GSCI 2500.

II. Marine Sciences B.A. Major Requirements

The following courses constitute the major requirements: MARN 1002 or 1003, 2801WE, 3001, 3002, 4001, 4002 or 4896W with prior consent of the Department Head. Four MARN electives must be completed from any group listed under the Marine Sciences B.S. electives.

A maximum of four MARN 5000+ graduate level courses may be used to fulfill some of these requirements. Students may be able to use MARN 3893, 4893, 4895, 4898, or other MARN courses towards one or more of these electives with prior approval of the Department Head.

III. Marine Sciences B.A. Related Area

In consultation with an advisor, four Related Area courses are taken in different fields or a single field of interest leading to a minor.

Competency Requirements (B.S. and B.A. programs)

The University's General Education competency requirements for information literacy will be satisfied by completing the requirements above, in particular [MARN 3001](#), [2801WE](#), and [4002](#). The writing in the major requirement will be satisfied by [MARN 2801WE](#).

Note: Some Marine Sciences courses may be offered only at the Avery Point campus. Others may be partially available through Distance Learning.

Minors in [Marine Biology](#) and [Marine Sciences](#) are described in the Minors section.

2021-157 MARN Review 4+1

4+1 B.S./M.S. Program in Marine Sciences & Oceanography

Students pursuing a UConn undergraduate B.S. degree in Marine Sciences can apply to use up to 12 credits of coursework taken as an undergraduate towards their M.S. degree in Oceanography offered by the Department of Marine Sciences. For joint B.S./M.S. students, the non-thesis M.S. degree can be earned in a single year after finishing the B.S. The curriculum includes coursework in biological, chemical, physical and geological oceanography and an examination in their final year.

Potential employers include non-governmental organizations, state and federal agencies, secondary and postsecondary educational institutions, and environmental consulting firms. This program may also provide preparation for more advanced graduate studies, although students interested in research are encouraged to apply for the thesis-based M.S. also offered by the Department of Marine Sciences.

Joint B.S./M.S. Program Coordinators: Claudia Koerting (Claudia.koerting@uconn.edu) and the Chair of the Graduate Exam Committee.

Course requirements

This program is intended for undergraduates pursuing a B.S. in Marine Sciences and students must meet all of the undergraduate requirements to receive the B.S. degree. The M.S. program requires four core courses taken at the undergraduate or graduate level: [MARN 4010/5010](#), [MARN 4050/5050](#), [MARN 4030W/5030](#), and [MARN 4060/5065](#). The recommended sequence of the core courses is provided below in order to prepare for the final examination in Year 5.

Year 4 Spring (undergraduate, 6 credits).

[MARN 4010/5010](#). Biological Oceanography. 3 credits.

[MARN 4050/5050](#). Geological Oceanography. 3 credits

Year 5 Fall (graduate, 6 credits).

[MARN 4050/5030](#). Chemical Oceanography. 3 credits

MARN 4060/5065. Physical Oceanography. 3 credits

In addition to core courses, up to 6 additional undergraduate credits at the 3000-level or above can be used for the M.S. Degree chosen from any elective that is cross-listed as a graduate course including:

MARN 3012/5012. Marine Invertebrate Biology. 3 credits.

MARN 3015/5015. Techniques in Marine Molecular Biology. 3 credits.

MARN 3017/5017. Plankton Ecology. 3 credits

MARN 3030/5032. Coastal Pollution and Bioremediation. 3 credits.

MARN 3812/5812. Seminar in Marine Biodiversity and Conservation. 3 credits.

MARN 3505/5505. Remote Sensing of Marine Geography. 3 credits.

MARN 4018/5018. Ecology of Fishes. 3 credits.

MARN 4066/5066. River Influences on the Marine Environment. 3 credits.

MARN 4052/5052. Paleooceanography. 3 credits (approval pending)

MARN 4210Q/5210. Experimental Design in Marine Ecology. 3 credits

With permission, up to 3 undergraduate credits of MARN 4893, 4895, 4896W, or 4898 may be used for the joint B.S./M.S. program.

The remainder of the required 30 credits must be selected at the MARN 5000-level or above based on the interest of the student. No more than 3 credits of MARN 5893 (Research) and 3 credits of MARN 5899 (Independent Study) are allowed.

Final Examination

The students in the joint program will be responsible for the material in the four core courses and will take a graduate examination offered in January each year. The Graduate Examination Committee will proctor the exam and determine passing grades for the joint students. Students may be allowed to redo a portion of the exam following guidelines set forth by the committee.

Academic Qualifications

For admittance to the joint B.S./M.S. program, students should be in Year 3 or later of the B.S. in Marine Sciences, have completed at least 2 semesters as a full-time student at the University of Connecticut, and have a B (3.00) cumulative grade point average or better at the time of application. To apply, students must have completed two semesters of calculus and at least one semester each of physics, biology, and chemistry at the time of application. We particularly look for talented and motivated students who are committed to graduate studies. The Graduate School requires students to maintain at least a B (3.00) cumulative grade point average in the 30 credits used for the M.S. degree.

Costs

The student can take up to 12 credits as an undergraduate as part of their undergraduate education costs. The student is responsible for the cost of at least 18 credits of graduate education.

Advising

The student may select a graduate advisor from the tenure track faculty or they will be assigned an advisor from the Graduate Exam Committee. The advisor provides guidance in course selection and preparation for the final examination.

2021-158 MATH 4110 Revise Course

Current Copy:

MATH 4110. Introduction to Modern Analysis

3.00 credits

Prerequisites: Not open for credit to students who have passed MATH 5510.

Grading Basis: Graded

Metric spaces, sequences and series, continuity, differentiation, the Riemann-Stieltjes integral, functions of several variables.

Proposed Copy:

MATH 4110. Introduction to Modern Analysis

3.00 credits

Prerequisites: Not open for credit to students who have passed MATH 5110.

Grading Basis: Graded

Metric spaces, sequences and series, continuity, differentiation, the Riemann-Stieltjes integral, functions of several variables.

2021-159 MCB 5625 Add Course

Proposed Copy:

MCB 5625. Horizontal Gene Transfer in Prokaryotes

Three credits.

Prerequisite: Instructor consent. Not open to students who have passed MCB 5895 when offered as “Horizontal Gene Transfer in Prokaryotes.”

Grading Basis: Graded

How quorum sensing, natural transformation and biofilm formation collectively control and bias horizontal gene transfer (HGT) in prokaryotes. The contribution of HGT to prokaryotic evolution via, for example, adaptation to environments, generation of metabolic pathways and how separate lineages are formed will also be explored.

2021-160 PHYS Revise Major

Current Copy:

Bachelor of Science in Mathematics-Physics

The B.S. degree in Mathematics-Physics may be completed by following either Track A, which has a physics emphasis, or Track B, which has a mathematics emphasis. Students in Track A should choose an advisor from the Physics Department, and those in Track B should choose an advisor from the Mathematics Department. The number of credits for 2000-level courses or above in the Track A is 30 in Physics and 19 in Mathematics, and for Track B these numbers are 21 credits in Physics and 28 in Mathematics. In either Track, the writing in the major and information literacy competencies are met using [PHYS 2501W](#).

Track A: Physics Emphasis

In addition to the general education's requirements of the University and College, the required courses for the Mathematics-Physics Major Track A (Physics Emphasis) are:

1. Either: (i) [MATH 2110Q](#) (or [2130Q](#) or [2143Q](#)) and [2210Q](#) and [2410Q](#) (or [2420Q](#)); or (ii) [MATH 2141Q](#) and [2142Q](#) and [2143Q](#) and [2144Q](#).
2. All of: [MATH 3146](#), [3410](#), [3510](#) and [PHYS 2300](#), [2501W](#), [3101](#), [3201](#), [3202](#), [3300](#), [3401](#).
3. Any nine credits from: [PHYS 2200](#), [2400](#), [3102](#), [3150](#), [3501](#), [3989](#), [4093](#), [4095](#), [4096W](#), [4098](#), [4099](#), [3402](#), [4100](#), [4130](#), [4140](#), [4150](#), [4210](#), [4300](#), [4350](#), or one of [4710](#), [4720](#), [4730](#) or [4740](#).

Track B: Mathematics Emphasis

The required courses for the Mathematics-Physics Major Track B (Mathematics Emphasis) are:

1. Either: (i) [MATH 2110Q](#) (or [2130Q](#) or [2143Q](#)) and [2210Q](#) and [2410Q](#) (or [2420Q](#)) [2710](#) (or [2141Q](#) and [2142Q](#)) and [3146](#); or (ii) [MATH 2141Q](#) and [2142Q](#) and [2143Q](#) and [2144Q](#) and [3146](#)
2. All of: [PHYS 2300](#), [2501W](#), [3101](#), [3201](#), [3202](#), [3401](#).
3. Any three credits from: [PHYS 2200](#), [2400](#), [3102](#), [3150](#), [3300](#), [3501](#), [3989](#), [4093](#), [4095](#), [4096W](#), [4098](#), [4099](#), [3402](#), [4100](#), [4130](#), [4140](#), [4150](#), [4210](#), [4300](#), [4350](#), [4710](#), [4720](#), [4730](#), [4740](#), [4900](#).
4. Any four courses from [MATH 3150](#) (or [4110](#)), [3151](#), [3160](#), [3210](#), [3230](#) (or [4210](#)), [3330](#) (or [4310](#)), [3370](#), [3410](#).

Proposed Copy:

Bachelor of Science in Mathematics-Physics

The B.S. degree in Mathematics-Physics may be completed by following either Track A, which has a physics emphasis, or Track B, which has a mathematics emphasis. Students in Track A should choose an advisor from the Physics Department, and those in Track B should choose an advisor from the Mathematics Department. The number of credits for 2000-level courses or above in the Track A is 30 in Physics and 19 in Mathematics, and for Track B these numbers are 21 credits in Physics and 28 in Mathematics. In either Track, the writing in the major and information literacy competencies are met using [PHYS 2501W](#).

Track A: Physics Emphasis

In addition to the general education's requirements of the University and College, the required courses for the Mathematics-Physics Major Track A (Physics Emphasis) are:

4. Either: (i) [MATH 2110Q](#) (or [2130Q](#) or [2143Q](#)) and [2210Q](#) and [2410Q](#) (or [2420Q](#)); or (ii) [MATH 2141Q](#) and [2142Q](#) and [2143Q](#) and [2144Q](#).
5. All of: [MATH 3146](#), [3410](#), [3510](#) and [PHYS 2300](#), [2501W](#), [3101](#), [3201](#), [3202](#), [3300](#), [3401](#).
6. Any nine credits from: [PHYS 2200](#), [2400](#), **2701**, **2702**, [3102](#), [3150](#), [3501](#), [3989](#), [4093](#), [4095](#), [4096W](#), [4098](#), [4099](#), [3402](#), [4100](#), [4130](#), [4140](#), [4150](#), [4210](#), [4300](#), [4350](#), or one of [4710](#), [4720](#), [4730](#) or [4740](#).

Track B: Mathematics Emphasis

The required courses for the Mathematics-Physics Major Track B (Mathematics Emphasis) are:

5. Either: (i) [MATH 2110Q](#) (or [2130Q](#) or [2143Q](#)) and [2210Q](#) and [2410Q](#) (or [2420Q](#)) [2710](#) (or [2141Q](#) and [2142Q](#)) and [3146](#); or (ii) [MATH 2141Q](#) and [2142Q](#) and [2143Q](#) and [2144Q](#) and [3146](#)
6. All of: [PHYS 2300](#), [2501W](#), [3101](#), [3201](#), [3202](#), [3401](#).
7. Any three credits from: [PHYS 2200](#), [2400](#), [3102](#), [3150](#), [3300](#), [3501](#), [3989](#), [4093](#), [4095](#), [4096W](#), [4098](#), [4099](#), [3402](#), [4100](#), [4130](#), [4140](#), [4150](#), [4210](#), [4300](#), [4350](#), [4710](#), [4720](#), [4730](#), [4740](#), [4900](#).
8. Any four courses from [MATH 3150](#) (or [4110](#)), [3151](#), [3160](#), [3210](#), [3230](#) (or [4210](#)), [3330](#) (or [4310](#)), [3370](#), [3410](#).

DISCUSSION:

Special Topics

On 3.9.2021, the committee discussed the creation of a policy for Special Topics course proposals that should trigger additional review beyond the chair approval. Such additional review might include circulating the proposal to committee members by email and holding the proposal until the next meeting should serious objections arise.

Further review will be sought if the course:

- Is taught by a non-UConn faculty member
- Is not funded through normal channels
- Is taught in a novel modality
- Includes features unusual to CLAS courses
- Other???

CLAS C&C Meeting Format

For AY 21-22, would members prefer meetings to be:

- All in person

- All online
- All hybrid
- Some in person (perhaps first & last for good fellowship?) and some online