

CLAS C&C

Chair: Pamela Bedore

Minutes -- FINAL

1.19.2021, e-approved 1.22.2021

**A. Approvals by the Chair**

2021-001 JOUR 2095 Add Factotum (S)

**B. Proposals**

2021-002 AAAS/DRAM 2136 Add Course (G) (S) (guest: Matthew Cohen)  
2021-003 CHIN 3280 Add Course (G) (S) (guest: Nan Meng)  
2021-004 PNB 5107 Add Course (guest: Payam Andalib)  
2021-005 ALSN 2500 Revise Course (S) (guest: Linda Pelletier)  
2021-006 COMM 2010Q Add Course (G) (S) (guest: Mark Hamilton)  
2021-007 PHYS 5350 Revise Course (guest: Thomas Blum)  
2021-008 HRTS 3460 Add Course (guest: Michael Rubin)  
2021-009 HRTS 5460 Add Course (guest: Michel Rubin)  
2021-010 HTRS 5600 Add Course (guest: Kathy Libal)  
2021-011 CLCS/HEJS/HIST 5250 Add Course (guest: Sergio Luzzatto)  
2021-012 ANTH 4097W Add Course (G) (S) (guest: Alexia Smith)  
2021-013 ANTH Revise Major (guest: Alexia Smith)  
2021-014 SLHS 5335 Revise Course (Bernard Grela)  
2021-015 SLHS 5336 Revise Course (Bernard Grela)  
2021-016 SLHS 5342 Revise Course (Bernard Grela)  
2021-017 SLHS 5343 Revise Course (Bernard Grela)  
2021-018 SLHS 5345 Revise Course (Bernard Grela)  
2021-019 SLHS 5353 Revise Course (Bernard Grela)  
2021-020 SLHS 5359 Revise Course (Bernard Grela)  
2021-021 SLHS 5361 Revise Course (Bernard Grela)  
2021-022 SLHS 5374 Revise Course (Bernard Grela)  
2021-023 SLHS 5327 Revise Course  
2021-024 SLHS 5328 Revise Course  
2021-025 SLHS 5329 Revise Course  
2021-026 CHEM 1124Q Revise Course (G) (S)  
2021-027 ECON 3431/W Revise Course (G) (S)  
2021-028 ENGL 1013W Drop Course (G) (S)  
2021-029 ENGL 3709 Drop Course (G) (S)  
2021-030 GEOG 1093 Revise Course (S)  
2021-031 GEOG 4093 Revise Course  
2021-032 GEOG 3240 Revise Course  
2021-033 GEOG 6810 Revise Course  
2021-034 HDFS 3240/SOCI 3459/W Revise Course (G) (S)  
2021-035 MATH 1070Q Revise Course (G) (S) (guest: David Gross)  
2021-036 MATH 1071Q Revise Course (G) (S) (guest: David Gross)  
2021-037 MCB 6002 Add Course  
2021-038 PHYS 4740 Revise Course (guest: Jonathan Trump)

2021-039	PHYS 6740	Revise Course (guest: Jonathan Trump)
2021-040	AAAS	Revise Minor
2021-041	AFRA	Revise Major
2021-042	COMM	Revise Major
2021-043	COMM	Revise Minor
2021-044	ENGL	Revise Minor
2021-045	FREN	Revise Minor
2021-046	GERM	Revise Major
2021-047	Judaic Studies	Revise Major
2021-048	Judaic Studies	Revise Minor
2021-049	GSCI	Revise Major
2021-050	MAST	Revise Major
2021-051	PHYS	Revise Major
2021-052	Writing	Revise Minor

### **C. Announcements**

1. Updates on the online CAR form
2. Planning Ahead

**2021-002      AAAS/DRAM 2136    Add Course (G) (S) (guest: Matthew Cohen)**

*Approved Copy:*

DRAM 2136. Asian Theatre and Performance.

(Also offered as AAAS 2136).

3.00 credits.

Prerequisites: None

Asian theatre, opera, dance, and other performance forms and their elaboration, reworking, and dissolution in modern and contemporary times, examined in relation to changes in society, politics, religion, and culture. CA 1 (A). CA 4-INT.

DRAM 2136W. Asian Theatre and Performance.

(Also offered as AAAS 2136W).

3.00 credits.

Prerequisites: ENGL 1010 or 1007 or 1011 or 2011.

**2021-003      CHIN 3280                      Add Course (G) (S) (guest: Nan Meng)**

*Approved Copy:*

CHIN 3280: Networking in China

3.00 credits

Prerequisites: CHIN 1114 or equivalent

Grading Basis: Graded

Development of cross-cultural awareness by learning how to analyze and imitate observable behaviors in professional Chinese environments. Taught in both English and Chinese.

**2021-004      PNB 5107                      Add Course (guest: Payam Andalib)**

*Approved Copy:*

PNB 5107. Clinical Research Methods in Intraoperative Neuromonitoring

3 credits.

Prerequisites: PNB 5101, PNB 5102 and PNB 5103

Recommended preparation: PNB 5104, PNB 5105

Grading basis: Graded

Research methods and experimental design in a clinical setting. Common and advanced neurodiagnostic modalities, effects of anesthesia on neurophysiological data, and evaluation of multimodality monitoring. Discussion and critique of published literature, and development of a student generated research proposal.

**2021-005      ALSN 2500                      Revise Course (S) (guest: Linda Pelletier)**

*Current Copy:*

ASLN 2500. Introduction to Interpreting: American Sign Language and English

3.00 credits

Prerequisites: None.

Grading Basis: Graded

Basic theories, principles, and practices of professional interpreting.

*Approved Copy:*

ASLN 2500. Introduction to Interpreting: American Sign Language and English

3.00 credits

Prerequisites: ASLN 1101 or higher or consent of the instructor.

Grading Basis: Graded

Basic theories, principles, and practices of professional interpreting.

**2021-006      COMM 2010Q      Add Course (G) (S) (guest: Mark Hamilton)**

*Approved Copy:*

COMM 2010Q. Applied Communication Research Methods

3.00 credits

Prerequisites: COMM 1000.

Recommended preparation: MATH 1011Q or equivalent.

Grading Basis: Graded

Principles and practices of research and data analysis in communication industries.

**2021-007      PHYS 5350      Revise Course (guest: Thomas Blum)**

*Current Copy:*

PHYS 5350. Computerized Modeling in Science

4.00 credits

Prerequisites: None.

Grading Basis: Graded

Development and computer-assisted analysis of mathematical models in chemistry, physics, and engineering. Typical topics include chemical equilibrium, reaction rates, particle scattering, vibrating systems, least square analysis and quantum chemistry.

*Approved Copy:*

PHYS 5350. Introduction to Computational Physics

3.00 credits

Prerequisites: None.

Grading Basis: Graded

Introduction to computational physics, including programming in C, C++, and Python. Topics include numerical integration of ordinary differential equations, finite differences and stability analysis, numerical solution of partial differential equations (e.g., the Schroedinger and diffusion equations) in more than one dimension, Krylov space methods (e.g., eigensystem solvers and matrix inversion), and Monte Carlo integration. Introductory machine learning and high-performance computing methods may be covered. Writing code to solve current problems from selected areas of physics and astrophysics.

**2021-008      HRTS 3460      Add Course (guest: Michael Rubin)**

*Approved Copy:*

HRTS 3460: Human Rights and Armed Conflict

3.00 Credits

Prerequisites: Open to juniors or higher.

Grading Basis: Graded

Examines the relationship between human rights and armed conflict from a social science perspective. Explores human rights abuses as cause and consequence of armed conflict. Evaluates the effectiveness of the human rights and humanitarian approaches to conflict management.

**2021-009      HRTS 5460      Add Course (guest: Michael Rubin)**

*Approved Copy:*

HRTS 5460: Human Rights and Armed Conflict

3.00 Credits

Prerequisites: Not open for credit to students who have passed HRTS 3460.

Grading Basis: Graded

Examines the relationship between human rights and armed conflict from a social science perspective. Explores human rights abuses as cause and consequence of armed conflict. Evaluates the effectiveness of the human rights and humanitarian approaches to conflict management.

**2021-010      HTRS 5600      Add Course (guest: Kathy Libal)**

*Approved Copy:*

HRTS 5600: Human Rights Practice Lab

3.00 Credits

Prerequisites: Instructor consent required.

Grading Basis: Graded

Critical engagement with human rights issues, strategies, tactics, institutions, and law in a practical setting. Students work collaboratively on a project addressing a pressing human rights issue and refine skills integral to working in the human rights field. Skills include information gathering, ethical analysis, effective communication across diverse audiences, and creative problem-solving.

**2021-011 CLCS/HEJS/HIST 5250 Add Course (guest: Sergio Luzzatto)**

*Approved Copy:*

CLCS/HEJS/HIST 5250. Topics in Transnational Jewish History

3.00 credits. May be repeated with a change of topic to a maximum of 6 credits.

Grading Basis: Graded

Prerequisites: None

Topics in Jewish history, both transnational in space (European, American, global) and diachronic in time (Early Modern to Late Modern).

**2021-012 ANTH 4097W Add Course (G) (S) (guest: Alexia Smith)**

*Approved Copy:*

ANTH 4097W. Honors Thesis

Three credits

Prerequisite: ENGL 1007 or 1010 or 1011 or 2011; Instructor consent required.

Grading Basis: Honors

Research and writing of major project exploring a topic within anthropology, with close supervision and production of multiple written drafts.

**2021-013 ANTH Revise Major (guest: Alexia Smith)**

*Current Copy:*

Anthropology studies human beings of all times and places. It examines human biological, cultural and social similarities and differences, and tries to explain them. Because of its broad perspective — which stresses writing, critical thinking, and social analysis — anthropology provides an excellent preparation for a variety of professional and business careers. Anthropology can also be an integral part of the training for life that is the goal of the University's liberal arts program.

All must take the following major courses:

- A. ANTH 1000 or 1006 or 1500.
- B. ANTH 2000, 2501, and 2502.

- C. At least one course in an ethnographic area (ANTH 3021, 3026, 3027, 3028, 3029, 3030, 3038, 3041, 3042).
- D. At least one information literacy course (ANTH 3003, 3004, 3200 or 3506W).
- E. At least three additional anthropology courses at the 2000 level or above, two of which may not be ethnographic area (Requirement C) courses.
- F. A minimum of 12 credits of related courses (2000 level or above) must be approved by the major advisor.

To satisfy the writing in the major competency, one of the courses above must be a 2000 level or above ANTH W course. At least 24 2000-level or above Anthropology credits need to be completed with an average GPA of 2.0 or higher.

Minors in [Anthropology](#), [Native American and Indigenous Studies](#), and [Religion](#) are described in the “Minors” section.

*Approved Copy:*

Anthropology studies human beings of all times and places. It examines human biological, cultural and social similarities and differences, and tries to explain them. Because of its broad perspective — which stresses writing, critical thinking, and social analysis — anthropology provides an excellent preparation for a variety of professional and business careers. Anthropology can also be an integral part of the training for life that is the goal of the University’s liberal arts program.

All must take the following major courses:

- A. ANTH 1000 or 1006 or 1500.
- B. ANTH 2000, 2501, and 2502.
- C. At least one course in an ethnographic area (ANTH 3021, 3026, 3027, 3028, 3029, 3030, 3038, 3041, 3042, 3155, or 3904).
- D. At least one information literacy course (ANTH 3003, 3004, 3200, 3202W, 3250, 3300, 3340E, 3450W, 3506W, 3555, 3701, 3703, 3704W, 3706, or 2600).
- E. At least **nine** additional anthropology **credits** at the 2000 level or above. **No more than one ethnographic area (Requirement C) course can be applied here. No more than 6 credits from the following courses can be counted towards this requirement: Anth 3081, 3090, 3093, 3096, 3099.**
- F. A minimum of 12 credits of related courses (2000 level or above) must be approved by the major advisor.

To satisfy the writing in the major competency, one of the courses above must be a 2000 level or above ANTH W course. At least 24 2000-level or above Anthropology credits need to be completed with an average GPA of 2.0 or higher.

Minors in [Anthropology](#), [Anthropology of Global Health](#), [Native American and Indigenous Studies](#), and [Religion](#) are described in the “Minors” section.

**2021-014      SLHS 5335      Revise Course (Bernard Grela)**

*Current Copy:*

SLHS 5335. Fluency Disorders  
 3.00 credits  
 Grading Basis: Graded  
 Prerequisites: None

Research data and theoretical models regarding the etiology and characteristics of fluency disorders (primarily stuttering) are integrated to form the foundation for clinical management. Treatment approaches for children and adults are presented.

*Approved Copy:*

SLHS 5335. Fluency Disorders

2.00 credits

Grading Basis: Graded

Prerequisites: None

Research data and theoretical models regarding the etiology and characteristics of fluency disorders (primarily stuttering) are integrated to form the foundation for clinical management. Treatment approaches for children and adults are presented.

**2021-015      SLHS 5336                  Revise Course (Bernard Grella)**

*Current Copy:*

SLHS 5336. Clinical Practicum in Speech Disorders

3 credits. May be repeated to a total of 21 credits.

Grading Basis: Graded

*Approved Copy:*

SLHS 5336. Clinical Practicum in Speech Disorders

1-3 credits. May be repeated to a total of 18 credits.

Grading Basis: Graded

**2021-016      SLHS 5342                  Revise Course (Bernard Grella)**

*Current Copy:*

SLHS 5342. Aphasia

3.00 credits

Grading Basis: Graded

Prerequisites: None

The differential diagnosis of acquired neurogenic communication disorders as well as research, theory, and efficacy of language interventions for aphasia in adults.

*Approved Copy:*

SLHS 5342. Aphasia

2.00 credits

Grading Basis: Graded



Prerequisites: None

The differential diagnosis of acquired neurogenic communication disorders as well as research, theory, and efficacy of language interventions for aphasia in adults.

**2021-017      SLHS 5343                  Revise Course (Bernard Grella)**

*Current Copy:*

SLHS 5343. Cognitive-Communicative Disorders

3.00 credits

Grading Basis: Graded

Prerequisites: None

Cognitive-communicative disorders in adults secondary to right hemisphere damage, traumatic brain injury, and dementia. Emphasis on differential diagnosis and theories and research pertaining to clinical management including the efficacy of interventions.

*Approved Copy:*

SLHS 5343. Cognitive-Communicative Disorders

**2.00 credits**

Grading Basis: Graded

Prerequisites: None

Cognitive-communicative disorders in adults secondary to right hemisphere damage, traumatic brain injury, and dementia. Emphasis on differential diagnosis and theories and research pertaining to clinical management including the efficacy of interventions.

**2021-018      SLHS 5345                  Revise Course (Bernard Grella)**

*Current Copy:*

SLHS 5345. Motor Speech Disorders

3.00 credits

Grading Basis: Graded

Prerequisites: None

The effects of acquired and developmental neuropathology on speech. Emphasis on differential diagnosis and clinical management.

*Approved Copy:*

SLHS 5345. Motor Speech Disorders

**2.00 credits**

Grading Basis: Graded

Prerequisites: None

The effects of acquired and developmental neuropathology on speech. Emphasis on differential diagnosis and clinical management.

**2021-019      SLHS 5353                  Revise Course (Bernard Grela)**

*Current Copy:*

SLHS 5353. Speech Sound Disorders in Children

3.00 credits

Grading Basis: Graded

Prerequisites: None

Prevention, assessment, and intervention of anatomical, physiological, and language-based disorders affecting the production of speech in children.

*Approved Copy:*

SLHS 5353. Speech Sound Disorders in Children

**2.00 credits**

Grading Basis: Graded

Prevention, assessment, and intervention of anatomical, physiological, and language-based disorders affecting the production of speech in children.

**2021-020      SLHS 5359                  Revise Course (Bernard Grela)**

*Current Copy:*

SLHS 5359. Voice Disorders

3.00 credits

Grading Basis: Graded

Prerequisites: None

Normal anatomy and physiology of voice production including the effects of: aging across the lifespan, gender, and multicultural issues. Voice disorders, diagnostic procedures and management techniques to remediate voice disorders will be discussed.

*Approved Copy:*

SLHS 5359. Voice Disorders

**2.00 credits**

Grading Basis: Graded

Prerequisites: None

Normal anatomy and physiology of voice production including the effects of: aging across the lifespan, gender, and multicultural issues. Voice disorders, diagnostic procedures and management techniques to remediate voice disorders will be discussed.

**2021-021      SLHS 5361                      Revise Course (Bernard Grela)**

*Current Copy:*

SLHS 5361. Advanced Speech Science I

3.00 credits

Grading Basis: Graded

Prerequisites: None

Generation, transmission, detection, and analysis of the speech signal. Special attention is given the myology of speech production and the physiological correlates of the acoustic output. Theoretical models of speech production are examined in light of recent empirical findings. Biomedical and other research techniques are employed in the laboratory setting to investigate the speech communication processes.

*Approved Copy:*

SLHS 5361. Advanced Speech Science I

**2.00 credits**

Grading Basis: Graded

Prerequisites: None

Generation, transmission, detection, and analysis of the speech signal. Special attention is given the myology of speech production and the physiological correlates of the acoustic output. Theoretical models of speech production are examined in light of recent empirical findings. Biomedical and other research techniques are employed in the laboratory setting to investigate the speech communication processes.

**2021-022      SLHS 5374                      Revise Course (Bernard Grela)**

*Current Copy:*

SLHS 5374 - Clinical Project in Speech-Language Pathology

3.00 credits

Grading Basis: Graded

Prerequisites: None

Written report and oral presentation on a client's clinical intervention. The clinical project must be successfully completed to graduate with an M.A. in speech-language pathology via the non-thesis track.

*Approved Copy:*

SLHS 5374 - Clinical Project in Speech-Language Pathology

1.00-2.00 credits

Grading Basis: Graded

Prerequisites: None

Written report and oral presentation on a client's clinical intervention. The clinical project must be successfully completed to graduate with an M.A. in speech-language pathology via the non-thesis track.

**2021-023      SLHS 5327      Revise Course**

*Current Copy:*

SLHS 5327. Introduction to Clinical Topics in Audiology

3.00 credits | May be repeated for credit.

Prerequisites: None.

Grading Basis: Graded

Provides mandated training required prior to any interaction with patients during clinical observations and supports early experiences once clinical practicum has begun. Students will demonstrate understanding and practice of evaluation protocols, professionalism, documentation and interpersonal communication required prior to practicum. May be repeated for credit with a change in topic.

*Approved Copy:*

SLHS 5327. Introduction to Clinical Topics in Audiology

1.00 - 3.00 credits | May be repeated for credit with a change of topic to a maximum of 6 credits.

Prerequisites: None.

Grading Basis: Graded

Provides mandated training required prior to any interaction with patients during clinical observations and supports early experiences once clinical practicum has begun. Students will demonstrate understanding and practice of evaluation protocols, professionalism, documentation and interpersonal communication required prior to practicum.

**2021-024      SLHS 5328      Revise Course**

*Current Copy:*

SLHS 5328. Intermediate Clinical Topics in Audiology

3.00 credits | May be repeated for credit.

Prerequisites: None.

Grading Basis: Graded

Intermediate-level topics in providing clinical audiology services with a focus on prevention and intervention; supports ongoing clinical practicum. May be repeated for credit with a change in topic.

*Approved Copy:*

SLHS 5328. Intermediate Clinical Topics in Audiology

1.00 - 3.00 credits | May be repeated for credit with a change of topic to a maximum of 6 credits.

Prerequisites: None.

Grading Basis: Graded

Intermediate-level topics in providing clinical audiology services with a focus on prevention and intervention; supports ongoing clinical practicum.

**2021-025      SLHS 5329                      Revise Course**

*Current Copy:*

SLHS 5329. Advanced Clinical Topics in Audiology

3.00 credits | May be repeated for credit.

Prerequisites: None.

Grading Basis: Graded

Integrating advanced diagnostic and treatment topics with evidence-based practice through presentations and case studies. May be repeated for credit with a change in topic.

*Approved Copy:*

SLHS 5329. Advanced Clinical Topics in Audiology

1.00 - 3.00 credits | May be repeated for credit with a change of topic to a maximum of 12 credits.

Prerequisites: None.

Grading Basis: Graded

Integrating advanced diagnostic and treatment topics with evidence-based practice through presentations and case studies.

**2021-026      CHEM 1124Q                      Revise Course (G) (S)**

*Current Copy:*

CHEM 1124Q. Fundamentals of General Chemistry I

4.00 credits

Prerequisites: Not open to students who have passed CHEM 1127, 1137 or 1147.

Recommended Preparation: MATH 1011 or equivalent.

Grading Basis: Graded

The first semester of a 3-semester sequence that is designed to provide a foundation for the principles of chemistry with special guidance provided for the quantitative aspects of the material. Topics include the physical and chemical properties of some elements, chemical stoichiometry, gases, atomic theory and covalent bonding. CA 3-LAB.

*Approved Copy:*

CHEM 1124Q. Fundamentals of General Chemistry I

4.00 credits

Prerequisites: Not open to students who have passed CHEM 1127, 1137, or 1147. Students who have passed CHEM 1122 will receive only 2 credits, but 4 credits will be used for calculating the GPA.

Recommended Preparation: MATH 1011 or equivalent.

Grading Basis: Graded

The first semester of a 3-semester sequence that is designed to provide a foundation for the principles of chemistry with special guidance provided for the quantitative aspects of the material. Topics include the physical and chemical properties of some elements, chemical stoichiometry, gases, atomic theory and covalent bonding. CA 3-LAB.

**2021-027      ECON 3431/W      Revise Course (G) (S)**

*Current Copy:*

ECON 3431. Public Finance

3.00 credits

Prerequisites: ECON 2201 or 2211Q.

Recommended preparation: ECON 1200 or 1202; MATH 1071 or 1110 or 1121 or 1131 or 1151.

Grading Basis: Graded

Government expenditures and tax policies: theories of public choice, size and mix of government budgets, alternative tax systems, and tax reform.

ECON 3431W. Public Finance

3.00 credits

Prerequisites: ECON 2201 or 2211Q; ENGL 1007 or 1010 or 1011 or 2011.

Recommended preparation ECON 1200 or 1202; MATH 1071, 1110, 1121, 1131 or 1151.

Grading Basis: Graded

*Approved Copy:*

ECON 3431. Public Economics

3.00 credits

Prerequisites: ECON 2201 or 2211Q.

Recommended preparation: ECON 1200 or 1202.

Grading Basis: Graded

The role of the government in the economy. Topics may include: government policies relating to environmental protection, healthcare, social security, and education; public choice theory; fiscal policy, finance, and taxation.

ECON 3431W. Public Economics

3.00 credits

Prerequisites: ECON 2201 or 2211Q; ENGL 1007 or 1010 or 1011 or 2011.

Recommended preparation: ECON 1200 or 1202.

Grading Basis: Graded

**2021-028      ENGL 1013W                      Drop Course (G) (S)**

*Current Copy:*

ENGL 1013W. Technical Writing I

3.00 credits

Prerequisites: ENGL 1007 or 1010 or 1011 or 2011.

Grading Basis: Graded

Introduction to rhetorical and generic conventions of technical writing.

**2021-029      ENGL 3709                      Drop Course (G) (S)**

*Current Copy:*

ENGL 3709. Film Writing

3.00 credits

Prerequisites: DRAM 3145 or ENGL 3707; open to juniors or higher; instructor consent required.

Grading Basis: Graded

Theoretical and practical work in the content and form of the fiction scenario.

**2021-030      GEOG 1093                      Revise Course (S)**

*Current Copy:*

GEOG 1093. 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 be repeated for credit. Consent of Department Head or advisor may be required prior to the student's departure.

*Approved Copy:*

GEOG 1093. **International Study.**

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

Special topics are taken in an international study program. Consent of Department Head or advisor may be required prior to the student's departure.

**2021-031      GEOG 4093              Revise Course**

*Current Copy:*

GEOG 4093. Foreign Study  
1.00 - 6.00 credits | May be repeated for a total of 6 credits.  
Prerequisites: Open only to juniors or higher.  
Grading Basis: Graded

Special topics taken in a foreign study program. Consent of Department Head required prior to the student's departure.

*Approved Copy:*

GEOG 4093. **International Study.**  
1.00 - 6.00 credits | May be repeated for a total of 6 credits.  
Prerequisites: Open only to juniors or higher.  
Grading Basis: Graded

Special topics are taken in an international study program. Consent of Department Head or advisor may be required prior to the student's departure.

**2021-032      GEOG 3240              Revise Course**

*Current Copy:*

GEOG 3240. Medical and Health Care Geography  
3.00 credits  
Prerequisites: None.  
Grading Basis: Graded

Introduction to the geography of disease and health care services.

*Approved Copy:*

GEOG 3240. Health Geography: Connecting People, Place, and Health  
3.00 credits  
Prerequisites: None.  
Grading Basis: Graded



An exploration and understanding of the connection and interplay of physical and social geographies of places and their impact on physical and mental health. What we eat, the air we breathe, where we live, where we work, people we interact with, and the health services we have access to all play a part in our health.

**2021-033      GEOG 6810      Revise Course**

*Current Copy:*

GEOG 6810. Advanced Topics in Spatial Analysis  
3.00 credits | May be repeated for a total of 6 credits.  
Prerequisites: None.  
Grading Basis: Graded

*Approved Copy:*

GEOG 6810. Seminar on Spatial Analysis of Social Issues  
3.00 credits | May be repeated for a total of 6 credits.  
Prerequisites: None.  
Grading Basis: Graded

An exploration of the complex social processes connecting people, places, and the environment across space using quantitative and qualitative methods of spatial analysis. Topics may include sustainability, environmental justice, racial and gender disparities, transportation, health issues, and the dynamics of internal and international migration with a unifying theme to understand the interaction between social processes and spatial inequalities.

**2021-034      HDFS 3240/SOCI 3459/W      Revise Course (G) (S)**

*Current Copy:*

SOCI 3459. Aging in American Society  
Also offered as: HDFS 3240  
3.00 credits  
Prerequisites: Open only to juniors or higher.  
Grading Basis: Graded

Social gerontology: the role and status of older people in a changing society. May be used only once to meet the distribution requirements.

SOCI 3459W. Aging in American Society  
Also offered as: HDFS 3240W  
3.00 credits  
Prerequisites: ENGL 1007 or 1010 or 1011 or 2011; Open only to juniors or higher.  
Grading Basis: Graded

*Approved Copy:*

SOCI 3459. Aging and Society

3.00 credits

Prerequisites: Open only to juniors or higher.

Grading Basis: Graded

Sociological perspectives on the process of aging and the elderly population, including kinship relations, work and leisure, mental and emotional health issues, and policy issues affecting the elderly.

SOCI 3459W. Aging and Society

3.00 credits

Prerequisites: Open only to juniors or higher.

Grading Basis: Graded

Sociological perspectives on the process of aging and the elderly population, including kinship relations, work and leisure, mental and emotional health issues, and policy issues affecting the elderly.

HDFS 3245. Aging in American Society

3.00 credits

Prerequisites: Open only to juniors or higher.

Grading Basis: Graded

Social gerontology: the role and status of older people in a changing society.

HDFS 3245W. Aging in American Society

3.00 credits

Prerequisites: ENGL 1007 or 1010 or 1011 or 2011; Open only to juniors or higher.

Grading Basis: Graded

*Note: This course is listed in twelve majors or minors across the university. After final approval, Bedore will reach out to those twelve programs and ask if they would like to include: 1) only SOCI 3459/W, 2) only HDFS 3245/W, or 3) both courses. The committee voted unanimously to treat this as an administrative change by the Registrar's Office that will not require further CLAS C&C approvals.*

**2021-035      MATH 1070Q**

**Revise Course (G) (S)**

*Current Copy:*

MATH 1070Q. Mathematics for Business and Economics

3.00 credits

Prerequisites: Recommended preparation: MATH 1011 or equivalent

Grading Basis: Graded

Linear equations and inequalities, exponents and logarithms, matrices and determinants, linear programming. Applications.

*Approved Copy:*

MATH 1070Q. Mathematics for Business and Economics

3.00 credits

Prerequisites: Recommended preparation: MATH 1011 or equivalent. Not open for credit to students who have passed MATH 1132Q.

Grading Basis: Graded

Linear equations and inequalities, matrices, systems of linear equations, and linear programming; sets, counting, probability and statistics; mathematics of finance; applications to business and economics.

**2021-036      MATH 1071Q                      Revise Course (G) (S)**

*Current Copy:*

MATH 1071Q. Calculus for Business and Economics

3.00 credits

Prerequisites: None.

Recommended prep: MATH 1011 or the equivalent, and MATH 1070, and a qualifying score on the mathematics placement assessment. Not open to students who have passed MATH 1110.

Only one credit for students who have passed MATH 1121, 1131, 1151 or 120.

Grading Basis: Graded

Derivatives and integrals of algebraic, exponential and logarithmic functions. Functions of several variables. Applications.

*Approved Copy:*

MATH 1071Q. Calculus for Business and Economics

3.00 credits

Prerequisites: Recommended prep: MATH 1011 or the equivalent, and MATH 1070Q, and a qualifying score on the mathematics placement assessment. Not open to students who have passed MATH 1110. Only one credit for students who have passed MATH 1121, 1131Q, or 1151Q.

Grading Basis: Graded

Derivatives and integrals of algebraic, exponential and logarithmic functions. Applications to business and economics.

**2021-037      MCB 6002                      Add Course**

*Approved Copy:*

MCB 6002. MCB Faculty Research

One credit.

Prerequisites: Open to Thesis Masters and PhD students in MCB

Grading Basis: S/U

Department faculty present seminars describing their research interests to help incoming Molecular and Cell Biology Ph.D. graduate students choose laboratories for rotations.

**2021-038      PHYS 4740      Revise Course (guest: Jonathan Trump)**

*Current Copy:*

PHYS 4740. Observational Astrophysics

3.00 credits

Prerequisites: PHYS 2701 and PHYS 2702.

Grading Basis: Graded

Basic principles and techniques of observational astrophysics, from radio to optical wavelengths. Telescopes, detectors, and instrumentation, and the statistical techniques for astronomical data analysis and interpretation.

*Approved Copy:*

PHYS 4740. Advanced Methods in Astrophysics

3.00 credits

Prerequisites: PHYS 2701 and PHYS 2702.

Grading Basis: Graded

Basic principles and techniques of observational and computational astrophysics. Statistical techniques for data analysis and interpretation of astronomical data. Data mining, visualization, and numerical techniques in simulations of astrophysical systems. Includes short research projects using data from observations and/or simulations.

**2021-039      PHYS 6740      Revise Course (guest: Jonathan Trump)**

*Current Copy:*

PHYS 6740. Observational Astrophysics

3.00 credits

Prerequisites: Open to Physics graduate students; others by permission. Not open for credit to students who have passed PHYS 4740.

Grading Basis: Graded

Basic principles and techniques of observational astrophysics, from radio to optical wavelengths. Telescopes, detectors, and instrumentation, and the statistical techniques for astronomical data

analysis and interpretation. Students will complete short research projects using real astronomical data.

*Approved Copy:*

PHYS 6740. Advanced Methods in Astrophysics

3.00 credits

Prerequisites: Open to Physics graduate students; others by permission. Not open for credit to students who have passed PHYS 4740.

Grading Basis: Graded

Basic principles and techniques of observational and computational astrophysics. Statistical techniques for data analysis and interpretation of astronomical data. Data mining, visualization, and numerical techniques in simulations of astrophysical systems. Includes short research projects using data from observations and/or simulations.

**2021-040      AAAS                      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.

*Approved 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 [2136](#), 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.

**2021-041      AFRA                      Revise Major**

*Current Copy:*

## Requirements

To satisfy the Africana Studies major, the student must complete 27 credits in AFRA courses, with at least one three-credit course in each of groups A, B, and C. Students must also complete 12 credits of related courses from Group D. Variable Content courses may be applied to distribution groups determined by course content and advisor consent. All majors must take [AFRA 2211](#) and [AFRA 4994W](#); the latter is generally taken senior year.

### ***Group A: History***

[AFRA 3206](#), [3208](#), [3563](#), [3564](#), [3568](#), [3569](#), [3620](#), [3752](#), [3753](#).

### **Group B: Social and Political Inquiry**

AFRA 3025, 3033, 3106, 3152, 3252, 3501, 3505, 3618, 3642, 3647, 3652, 3825.

### **Group C: Literature and the Arts**

AFRA 2214/W, 3131/W, 3132, 3213/W, 3215/W, 3217/W.

### **Group D: Related Courses**

- **History:** HIST 3201, 3202, 3510, 3541, 3554, 3561, 3562, 3575, 3674.
- **Literature and the Arts:** ANTH 3450W; ARTH 3645; AASI/ENGL 3212; COMM 4422; COMM/LLAS 4320; ECON 2444; ENGL 3210, 3218/W, 3609, 4203W; FREN 3218; MUSI 3421W.
- **Social and Political Inquiry:** AASI/SOCI 3221/HRTS 3571; AASI/SOCI 3222/HRTS 3573; COMM 3321/LLAS 3264/WGSS 3260; ECON 2444; HDFS 2001; HRTS/POLS 3807; HRTS/SOCI 3421; INTD 3584; POLS 2998, 3406, 3255; POLS 3662/LLAS 3270; POLS/URBN 3632W; POLS/WGSS 3216; SOCI 2503, 2827, 3429, 3701; WGSS 2267.

### **Variable Content**

AFRA 3295, 3299, 3898.

AFRA 2214W and AFRA 4994W satisfy the Information Literacy Competency and Writing in the Major requirements.

A minor in Africana Studies is described in the [Minors](#) section.

### *Approved Copy:*

To satisfy the Africana Studies major, the student must complete 27 credits in AFRA courses, with at least one three-credit course in each of groups A, B, and C. Students must also complete 12 credits of related courses from Group D. Variable Content courses may be applied to distribution groups determined by course content and advisor consent. All majors must take [AFRA 2211](#) and [AFRA 4994W](#); the latter is generally taken senior year.

### **Group A: History**

AFRA 3206, 3208, 3563, 3564, 3568, 3569, 3618, 3620, 3752, 3753.

### **Group B: Social and Political Inquiry**

AFRA 3025, 3033, 3106, 3152, 3252, 3501, 3505, 3618, 3642, 3647, 3652, 3825.

### **Group C: Literature and the Arts**

AFRA 2214/W, 3131/W, 3132, 3213/W, 3215/W, 3217/W.

### **Group D: Related Courses**

- **History:** HIST 3201, 3202, 3510, 3541, 3554, 3561, 3562, 3575, 3674.

- **Literature and the Arts:** ANTH 3450W; ARTH 3645; AASI/ENGL 3212; COMM 4422; COMM/LLAS 4320; ECON 2444; ENGL 3210, 3218/W, 3609, 4203W; FREN 3218; MUSI 3421W.
- **Social and Political Inquiry:** AASI/SOCI 3221/HRTS 3571; AASI/SOCI 3222/HRTS 3573; COMM 3321/LLAS 3264/WGSS 3260; ECON 2444; HDFS 2001; HRTS/POLS 3807; HRTS/SOCI 3421; INTD 3584; POLS 2998, 3406, 3255; POLS 3662/LLAS 3270; POLS/URBN 3632W; POLS/WGSS 3216; SOCI 2503, 2827, 3429, 3701; WGSS 2267.

## ***Variable Content***

AFRA 3295, 3299, 3898.

AFRA 2214W and AFRA 4994W satisfy the Information Literacy Competency and Writing in the Major requirements.

A minor in Africana Studies is described in the [Minors](#) section.

**2021-042      COMM                      Revise Major**

*Current Copy:*

## **COMMUNICATION (BA)**

The Communication major leads to a bachelor of arts degree. The major examines communication at multiple levels of society and in different settings, including interpersonal, nonverbal, organizational, intercultural, and international communication, while also considering the roles of media and technology in communication processes. Training in the basic theories, principles, best practices, and current research methods of communication can qualify students for a variety of communications and media industry positions in business, advertising, public relations, marketing, digital media production, government/politics, and promotion.

The department of Communication offers courses that span the discipline, enabling students to acquire breadth and depth in their education and training. A variety of focal areas are identified in the COMM curriculum, and students may focus their coursework in one or more of these areas to further their academic and professional goals. Across the curriculum, courses are numbered to reflect these focal areas:

- X100: Professional Communication (e.g. COMM 2100, 3110, 3120w)
- X200: Interpersonal Communication (e.g. COMM 2200, 3222, 4200)
- X300: Media Effects and Audiences (e.g. COMM 2300, 3310w, 4300)
- X400: Communication in Context (e.g. COMM 3410, 3420, 3430)
- X500: Persuasion and Promotion (e.g. COMM 2500, 3510, 4530w)
- X600: Communication Technology (e.g. COMM 2600, 3600, 4640)
- X700: Multimedia Production (e.g. COMM 2700, 3700, 4710)

## **Requirements**

Students majoring in Communication must complete the following:

1. Introductory courses: [COMM 1000](#), and [1100](#). These courses should be completed by the end of sophomore year, if possible.
2. A minimum of 30 credits in Communication at the 2000 level or above (typically 10 COMM courses). Note that many students take more than the minimum of 30 credits in



communication, choosing to expand their learning in one or more areas in the discipline. These 30 credits must include the following:

1. Core courses: At least four of the following Core courses: COMM 2100, 2200, 2300, 2500, 2600. Core courses introduce students to the range of work within the discipline.
  2. Research methods in Communication: [COMM 2000Q](#). Students double majoring in Psychological Sciences and Communication may substitute [PSYC 2100WQ](#) for [COMM 2000Q](#), but will need to complete an additional elective course in Communication to meet the minimum of 30 credits of upper-level Communication courses required for the major.
  3. Writing-intensive course: At least one W course in Communication.
  4. Three credits in Immersion courses: All Communication majors complete at least three credits across one or more immersion courses: COMM 4799, 4979, 4981, 4982, 4996, 4997w, 4999. Immersion courses provide students an opportunity to pursue research, experiential, and professional development within the field.
  5. Electives: Three more communication courses at a minimum, in order to complete the minimum of 30 credits in communication.
3. Related Group Requirement: Students must complete an additional 12 credits of coursework outside of Communication at the 2000 level or above. The department maintains a list of courses pre-approved as satisfying the related requirement (see the department website). Courses that do not appear on the list must be approved by a Communication advisor.

## Internship

All students are encouraged to complete an internship ([COMM 4981](#)). Internships can be taken during the academic year or summer, and suffice the Immersion course requirement for the major. Students must have completed 12 credits in Communication courses at the 2000 level or above to be eligible to register for the course and receive internship credit.

## Undergraduate Research

The Department encourages students to participate in its research activities:

- The research practicum ([COMM 4982](#)) is designed to allow students to participate in ongoing departmental research and learn about conducting research in the discipline.
- Students who wish to design and conduct their own projects can enroll in Undergraduate Research ([COMM 4996](#)) with the supervision of a faculty member.
- Honors students may complete a Senior Thesis ([COMM 4997w](#)) on a topic of their choosing with the support of their honors thesis advisor.

Each research course is particularly helpful preparation for graduate work in the field of Communication.

## Writing courses

To satisfy the writing in the major requirement, students must pass at least one 3000-level or above W course approved for this major. A number of W courses are available to meet this requirement, including (but not limited to) [COMM 3120W](#), [3222W](#), [3310W](#), [3410W](#), [3610W](#), [4200W](#), [4300W](#), and

4530W. For students interested in media and public relations careers, journalism courses are recommended for additional writing competency.

## Information Literacy

To satisfy the information literacy competency, all students must pass [COMM 1000](#), [1100](#), and [2000Q](#). An education in communication is inextricably linked to information literacy, so students exploring further coursework within the major will continue to develop their information literacy competency.

## Minor in Communication

A minor in [Communication](#) is described in the Minors section.

## Double majors and dual/multiple degrees

Students are encouraged to meet with a Communication advisor to discuss ways to integrate a major in Communication with other majors and degrees

*Approved Copy:*

## COMMUNICATION (BA)

The Communication major leads to a bachelor of arts degree. The major examines communication at multiple levels of society and in different settings, including interpersonal, nonverbal, organizational, intercultural, and international communication, while also considering the roles of media and technology in communication processes. Training in the basic theories, principles, best practices, and current research methods of communication can qualify students for a variety of communications and media industry positions in business, advertising, public relations, marketing, digital media production, government/politics, and promotion.

The department of Communication offers courses that span the discipline, enabling students to acquire breadth and depth in their education and training. A variety of focal areas are identified in the COMM curriculum, and students may focus their coursework in one or more of these areas to further their academic and professional goals. Across the curriculum, courses are numbered to reflect these focal areas:

- X100: Professional Communication (e.g. COMM 2100, 3110, 3120w)
- X200: Interpersonal Communication (e.g. COMM 2200, 3222, 4200)
- X300: Media Effects and Audiences (e.g. COMM 2300, 3310w, 4300)
- X400: Communication in Context (e.g. COMM 3410, 3420, 3430)
- X500: Persuasion and Promotion (e.g. COMM 2500, 3510, 4530w)
- X600: Communication Technology (e.g. COMM 2600, 3600, 4640)
- X700: Multimedia Production (e.g. COMM 2700, 3700, 4710)

## Requirements

Students majoring in Communication must complete the following:

4. Introductory courses: [COMM 1000](#), and [1100](#). These courses should be completed by the end of sophomore year, if possible.

5. A minimum of 30 credits in Communication at the 2000 level or above (typically 10 COMM courses). Note that many students take more than the minimum of 30 credits in communication, choosing to expand their learning in one or more areas in the discipline. These 30 credits must include the following:
  1. Core courses: At least four of the following Core courses: COMM 2100, 2200, 2300, 2500, 2600. Core courses introduce students to the range of work within the discipline.
  2. Research methods in Communication: **COMM 2000Q or 2010Q. Most students complete this requirement by taking COMM 2000Q.** Students double majoring in Psychological Sciences and Communication may substitute **PSYC 2100WQ** for **this requirement**, but will need to complete an additional elective course in Communication to meet the minimum of 30 credits of upper-level Communication courses required for the major.
  3. Writing-intensive course: At least one W course in Communication.
  4. Three credits in Immersion courses: All Communication majors complete at least three credits across one or more immersion courses: COMM 4799, 4979, 4981, 4982, 4996, 4997w, 4999. Immersion courses provide students an opportunity to pursue research, experiential, and professional development within the field.
  5. Electives: Three more communication courses at a minimum, in order to complete the minimum of 30 credits in communication.
6. Related Group Requirement: Students must complete an additional 12 credits of coursework outside of Communication at the 2000 level or above. The department maintains a list of courses pre-approved as satisfying the related requirement (see the department website). Courses that do not appear on the list must be approved by a Communication advisor.

## Internship

All students are encouraged to complete an internship (**COMM 4981**). Internships can be taken during the academic year or summer, and suffice the Immersion course requirement for the major. Students must have completed 12 credits in Communication courses at the 2000 level or above to be eligible to register for the course and receive internship credit.

## Undergraduate Research

The Department encourages students to participate in its research activities:

- The research practicum (**COMM 4982**) is designed to allow students to participate in ongoing departmental research and learn about conducting research in the discipline.
- Students who wish to design and conduct their own projects can enroll in Undergraduate Research (**COMM 4996**) with the supervision of a faculty member.
- Honors students may complete a Senior Thesis (**COMM 4997w**) on a topic of their choosing with the support of their honors thesis advisor.

Each research course is particularly helpful preparation for graduate work in the field of Communication.

## Writing courses

To satisfy the writing in the major requirement, students must pass at least one 3000-level or above W course approved for this major. A number of W courses are available to meet this requirement, including (but not limited to) COMM 3120W, 3222W, 3310W, 3410W, 3610W, 4200W, 4300W, and 4530W. For students interested in media and public relations careers, journalism courses are recommended for additional writing competency.

## Information Literacy

To satisfy the information literacy competency, all students must pass [COMM 1000](#), [1100](#), and [2000Q](#). An education in communication is inextricably linked to information literacy, so students exploring further coursework within the major will continue to develop their information literacy competency.

## Minor in Communication

A minor in [Communication](#) is described in the Minors section.

## Double majors and dual/multiple degrees

Students are encouraged to meet with a Communication advisor to discuss ways to integrate a major in Communication with other majors and degrees

### 2021-043      COMM      Revise Minor

#### *Current Copy:*

Students wishing to complete this minor must take at least 15 2000-level or above credits in COMM courses. Selected courses must include:

1. [COMM 2000Q](#) or equivalent research methods course. If an equivalent research methods course is used, 15 credits in 2000-level or above COMM courses are required.
2. At least two of the following Core courses: COMM 2100, 2200, 2300, 2500, and 2600. Students are encouraged to take three or more core courses.

Students in this program do not receive priority registration for Communication courses. The minor is offered by the Communication Department. The minor Plan of Study form is available in the Arjona Building, Room 245 or from the [Communication Department website](#).

#### *Approved Copy:*

Students wishing to complete this minor must take at least 15 2000-level or above credits in COMM courses. Selected courses must include:

1. [COMM 2000Q](#) or [2010Q](#), or equivalent research methods course. **Most students complete this requirement by taking COMM 2000Q.** If an equivalent research methods course is used, 15 credits in 2000-level or above COMM courses are required.
2. At least two of the following Core courses: COMM 2100, 2200, 2300, 2500, and 2600. Students are encouraged to take three or more core courses.

Students in this program do not receive priority registration for Communication courses. The minor is offered by the Communication Department. The minor Plan of Study form is available in the Arjona Building, Room 245 or from the [Communication Department website](#).

**2021-044 ENGL Revise Minor**

*Current Copy:*

Students wishing to complete this minor must take at least 15 credits of English courses at the 2000-level or above, including:

1. At least one of [ENGL 2100](#) or [ENGL 2101](#);
2. At least one of [ENGL 2201/W](#) and [2203/W](#); and
3. Any three other English courses at the 2000 level or above, with the following exceptions: [2011](#), [3010W](#), [3091](#), and [3693](#).

*Approved Copy:*

Students wishing to complete this minor must take at least 15 credits of English courses at the 2000-level or above.

Students are advised to consult the tracks listed for the major as models for an optional focus.

No more than three credits each of ENGL 3091, 3693, and transfer credit may count toward the minor. ENGL 2011 may not count toward the minor.

**2021-045 FREN Revise Minor**

*Current Copy:*

The French minor consists of a minimum of 6 courses (18 semester credit hours) at the 3200-level in French. Ideally students should take 2 courses from each distribution group:

- A. **Language:** Six credits from [FREN 3268](#) or [3269](#), [3250](#), [3251](#), [3257](#).
- B. **French and Francophone Culture:** Six credits from [FREN 3210](#), [3211](#), [3215](#) or [3216](#), [3217](#), [3218](#), [3224](#), [3226](#), [3267](#).
- C. **French Literary Studies:** Six credits from [FREN 3261W](#) and/or [3262W](#), [3223](#), [3220](#), [3221](#), [3222](#), [3231](#), [3234](#), [3235](#), [3270W](#), [3272](#), [3280](#).

Students may, however, substitute up to 2 courses from any distribution group and use them for any other distribution group and still have them count towards a minor

Education abroad in our Paris program is highly recommended (students studying in Paris may earn up to nine credits towards the French Minor).

Any of the Minor courses may be replaced by the appropriate [FREN 3293](#) from Paris.

Students must demonstrate proficiency in French at a level equivalent to [FREN 1164](#).

The minor is offered by the [Literatures, Cultures and Languages Department](#).

*Approved Copy:*

The French minor consists of a minimum of 6 courses (18 semester credit hours) at the 3200-level in French. Ideally students should take 2 courses from each distribution group:

- A. **Language:** Six credits from [FREN 3268/W](#) or [3269](#), [3250](#), [3251](#), [3257](#).
- B. **French and Francophone Culture:** Six credits from [FREN 3210](#), [3211/W](#), [3215](#) or [3216](#), [3217](#), [3218](#), [3224](#), [3226](#), [3267](#).
- C. **French Literary Studies:** Six credits from [FREN 3261/W](#) and/or [3262/W](#), [3223](#), [3220](#), [3221](#), [3222](#), [3231](#), [3234](#), [3235](#), [3270W](#), [3272](#), [3280](#).

Students may, however, substitute up to 2 courses from any distribution group and use them for any other distribution group and still have them count towards a minor

Study abroad in our Paris program or our Toulouse summer program is highly recommended; students studying in Paris may earn up to 9 credits towards the French Minor; students studying in Toulouse may earn up to 7 credits towards the French Minor. Any of the Minor courses may be replaced by an appropriate FREN 3293 from Paris or Toulouse.

The minor is offered by the [Literatures, Cultures and Languages Department](#).

Upon request from native French speakers or heritage speakers, a committee can evaluate their speaking skills and waive the FREN 3257 Phonetics requirement. This course will be replaced by any course listed to meet the 18-credit requirement for the minor.

Students must demonstrate proficiency in French at a level equivalent to [FREN 1004](#) as a prerequisite for beginning the minor.

**2021-046      GERM                      Revise Major**

*Current Copy:*

Course descriptions

Students majoring in German [have a choice between a concentration in German Literature](#) or German Studies.

### **[German Literature](#)**

[For the concentration in German Literature the following courses are required:](#)

1. [GERM 3233](#), [3234](#), [4246](#);
2. Three from among the following literature courses: [GERM 3254W](#), [3255W](#), [3293](#) (on a literary topic), [3294](#) (on a literary topic), and [3295](#) (on a literary topic);
3. One from [GERM 3200](#), [3231](#), [3245](#), [3261W](#), [3265](#), [3292](#), [3293](#) (on a non-literary topic), [3294](#) (on a nonliterary topic), and [3295](#) (on a non-literary topic);

4. One of the following courses taught in English: GERM 3251, 3258, or 3264W.

Only one course taught in English is allowed toward the literature major.

### **German Studies**

For the concentration in German studies the following courses are required:

1. GERM 3233, 3234, 4246
2. Either GERM 3251 or 3258
3. Three from GERM 3200, 3231, 3245, 3261W, 3264W, 3265, 3292, 3293 (on a non-literary topic), and 3294 (on a non-literary topic) and 3295 (on a non-literary topic)
4. one of the following literature courses: GERM 3254W, 3255W, 3293 (on a literary topic), 3294 (on a literary topic), and 3295 (on a literary topic).

Only two courses taught in English are allowable toward the German studies major.

### **Information Literacy**

To satisfy the Information Literacy Competency requirement, the following courses are required:

1. One of GERM 3233, 3234; and
2. One of GERM 3254W, 3255W, 3261W, 3264W; and
3. GERM 4246.

### **Writing in the Major**

To satisfy the writing in the major requirement, all majors must take one of the following courses: GERM 3254W, 3255W, 3261W, 3264W.

### **Eurotech**

In collaboration with the School of Engineering, the German Section offers Eurotech, a carefully structured five-year, double-degree program enabling students who have been admitted to the School of Engineering to earn both a B.A. in German and a B.S. in Engineering. The program includes German language courses specially designed to include engineering content, engineering courses partly taught in German, and a six-month internship in a German-speaking company. There is a special emphasis on environmental engineering and pollution prevention. Eurotech students may substitute GERM 3220, 3221, and 3222 for one of the courses in category 3 required of majors in German literature; and for one of the courses in category 2 required of majors in German Studies.

### **Education Abroad in Austria and Germany**

The University of Connecticut sponsors a variety of programs in Salzburg, Regensburg and a number of universities in the State of Baden-Württemberg that allow students to follow their own concentration and interests. Students also have the possibility of work-study programs and internships.

A minor in German is described in the Minors section.

*Approved Copy:*

## **German Studies**

Students majoring in German Studies are required to take the following courses:

1. GERM 3233, 3234, 4246
2. Either GERM 3251 or 3258
3. Three from GERM 2400, 3200, 3231, 3232, 3245, 3261W, 3264W, 3265, 3292, 3293 (on a non-literary topic), 3294 (on a non-literary topic), 3295 (on a non-literary topic), or two courses of the above and the combination of all three one-credit courses 3220, 3221 and 3222.
4. one of the following literature courses: GERM 3254W, 3255W, 3293 (on a literary topic), 3294 (on a literary topic), and 3295 (on a literary topic).

Only two courses taught in English are allowable toward the German Studies major.

## **Information Literacy**

To satisfy the Information Literacy Competency requirement, the following courses are required:

1. One of GERM 3233, 3234; and
2. One of GERM 3254W, 3255W, 3261W, 3264W; and
3. GERM 4246.

## **Writing in the Major**

To satisfy the writing in the major requirement, all majors must take one of the following courses: GERM 3254W, 3255W, 3261W, 3264W.

## **Eurotech**

In collaboration with the School of Engineering, the German Section offers Eurotech, a carefully structured five-year, double-degree program enabling students who have been admitted to the School of Engineering to earn both a B.A. in German Studies and a B.S. in Engineering. The program includes German language courses specially designed towards engineering content, engineering courses partly taught in German, and a 6-month internship in a German-speaking company.

## **Eurobiz**

In collaboration with the School of Business, the German Section offers Eurobiz, a carefully structured four-to-five-year, double-degree program enabling students who have been admitted to the School of Business to earn both a B.A. in German Studies and a B.S. in Engineering. The program includes German language courses specially designed towards business content, GERM 3231 and 3232, Business courses partly taught in German, and a 3-6-month internship in a German-speaking company.

## **Education Abroad Germany**

The University of Connecticut sponsors a variety of programs at a number of universities in the State of Baden-Württemberg, Connecticut's sister state in Germany. Study abroad in Germany



allows students to follow their own concentration and interests. Students also have the possibility of work-study programs and internships.

A minor in [German](#) is described in the Minors section.

## **2021-047      Judaic Studies      Revise Major**

*Current Copy:*

### **Track A: General Judaic Studies**

General Judaic Studies majors are required to complete the following courses: [HEJS 1003](#), [1004](#), [1103](#), [1151](#), and [1152](#). These courses do not count toward the 24 credits required for the major.

#### **Information Literacy and Writing in the Major requirements**

General Judaic Studies majors are required to complete [HEJS 3401W](#) (included in 24 required credits) to fulfill their information literacy and writing (“W”) requirements. [SOCI 2509W](#) may be substituted for [HEJS 3401W](#) with the approval of the student’s HEJS advisor.

Four courses (12 credits) from Group 1 including one each from the Biblical, Ancient/Rabbinic, Medieval, and Modern periods, and three additional courses (9 credits) drawn from either Group 1 or Group 2.

#### **GROUP 1**

1. Biblical Israel: [CAMS/HIST 3301](#), [HEJS 3201](#), [INTD 3260](#).
2. Ancient/Rabbinic: [HEJS/CAMS/HIST 3330](#).
3. Medieval: [HEJS 3301](#).
4. Modern: [HEJS 2104](#), [3251](#), [3252](#), [3279](#); [SOCI 2509W](#).

#### **GROUP 2**

[CAMS 3244](#); [CAMS/HEJS 3340](#); [HEJS 2104](#), [2203](#), [2204](#), [2301](#), [3202](#); [HEJS 3203/HIST 3418](#); [HIST 3705](#), [3712](#).

*Approved Copy:*

### **Track A: General Judaic Studies**

General Judaic Studies majors are required to complete the following courses: [HEJS 1003](#), [1004](#), [1103](#), [1151](#), and [1152](#). These courses do not count toward the 24 credits required for the major.

#### **Information Literacy and Writing in the Major requirements**

General Judaic Studies majors are required to complete [HEJS 3401W](#) (included in 24 required credits) to fulfill their information literacy and writing (“W”) requirements. [SOCI 2509W](#) may be substituted for [HEJS 3401W](#) with the approval of the student’s HEJS advisor.

Four courses (12 credits) from Group 1 including one each from the Biblical, Ancient/Rabbinic, Medieval, and Modern periods, and three additional courses (9 credits) drawn from either Group 1 or Group 2.

#### GROUP 1

1. Biblical Israel: [CAMS/HIST 3301](#), [HEJS 3201](#), [INTD 3260](#).
2. Ancient/Rabbinic: [HEJS/CAMS/HIST 3330](#).
3. Medieval: [HEJS 3301](#).
4. Modern: [HEJS 2104](#), [2200](#), [3251](#), [3252](#), [3279](#); [SOCI 2509W](#).

#### GROUP 2

[CAMS 3244](#); [CAMS/HEJS 3340](#); [HEJS 2104](#), [2203](#), [2204](#), [2301](#), [3202](#); [HEJS 3203/HIST 3418](#); [HEJS 3419](#), [HIST 3705](#), [3712](#).

**2021-048      Judaic Studies      Revise Minor**

*Current Copy:*

### 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.

*Approved Copy:*

## 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.

**2021-049      GSCI                      Revise Major**

*Current Copy:*

Majors in Geoscience focus on the materials, processes, and histories of Earth as a planetary system, with a special emphasis on environmental change at geologic time scales. Interest areas include global change, climate adaptation, water resources, planetary science, tectonics, paleontology and evolution, natural hazards, mineral and energy resources, surface processes, geophysics, and paleoclimatology.

Students may obtain a Bachelor of Science degree or a Bachelor of Arts degree. The Bachelor of Science degree has three tracks.

## Bachelor of Science

At least 30 credits of Geoscience courses at the 2000 level and above and at least 12 credits of related courses at the 2000 level and above must be successfully completed for the Bachelor of Science in Geoscience in addition to the college B.S. requirements. Courses cross-listed with Geoscience courses cannot be used to fulfill the related courses requirement.

The requirements include [GSCI 2500](#), one of the following capstone courses: [GSCI 4050W](#) or [4996W](#), and a concentration listed below. No more than three credits in the major can be from [GSCI 4989](#), [4990](#), [4991](#), [4999](#).

### ***Earth Track***

1. All of the following core courses: [GSCI 3010](#), [3030](#), [3040](#).
2. At least 14 additional credits of Geoscience courses at the 3000 level and above.

## ***Environment Track***

1. All of the following core courses: [GSCI 3020](#), [3030](#), [3040](#).
2. Three courses chosen from [GSCI 3710](#), [4130](#), [4150](#), [4210](#), [4230](#), [4430](#), [4710](#), [4720](#), [4735](#).
3. At least five additional credits of Geoscience courses at the 3000 level and above.

## ***Atmosphere Track***

1. The following core course: [GSCI 3010](#).
2. One of the following core courses: [GSCI 3020](#), [3030](#), [3040](#).
3. Three courses chosen from [GSCI 2800](#), [4150](#), [4230](#), [4430](#), [4720](#), [4810](#), [4850](#).
4. At least nine additional credits of Geoscience courses at the 3000 level and above.

## **Bachelor of Arts**

At least 24 credits of Geoscience courses at the 2000 level and above and at least 12 credits of related courses at the 2000 level and above must be successfully completed for the Bachelor of Arts in Geoscience in addition to the college B.A. requirements. Courses cross-listed with Geoscience courses cannot be used to fulfill the related courses requirement.

The requirements include the following:

1. [GSCI 2500](#).
2. Two of the following core courses: [GSCI 3010](#), [3020](#), [3030](#), [3040](#).
3. One of the following capstone courses: [GSCI 4050W](#) or [4996W](#).
4. At least 12 additional credits of Geoscience courses at the 2000 level and above. No more than three credits can be at the 2000 level. No more than three credits can be from [GSCI 4989](#), [4990](#), [4991](#), [4999](#).

Geoscience majors satisfy the writing in the major and information literacy competency requirements by passing [GSCI 4050W](#) or [GSCI 4996W](#).

A minor in Geoscience is described in the [Minors](#) section.

### *Approved Copy:*

Majors in Geoscience focus on the materials, processes, and histories of Earth as a planetary system, with a special emphasis on environmental change at geologic time scales. Interest areas include global change, climate adaptation, water resources, planetary science, tectonics, paleontology and evolution, natural hazards, mineral and energy resources, surface processes, geophysics, and paleoclimatology.

Students may obtain a Bachelor of Science degree or a Bachelor of Arts degree. The Bachelor of Science degree has three tracks.

## **Bachelor of Science**

At least 30 credits of Geoscience courses at the 2000 level and above and at least 12 credits of related courses at the 2000 level and above must be successfully completed for the Bachelor of

Science in Geoscience in addition to the college B.S. requirements. Courses cross-listed with Geoscience courses cannot be used to fulfill the related courses requirement.

The requirements include [GSCI 2500](#), one of the following capstone courses: [GSCI 4050W](#) or [4996W](#), and a concentration listed below. No more than three credits in the major can be from [GSCI 4989](#), [4990](#), [4991](#), [4999](#).

### ***Earth Track***

1. All of the following core courses: [GSCI 3010](#), [3030](#), [3040](#).
2. At least 14 additional credits of Geoscience courses at the 3000 level and above.

### ***Environment Track***

1. All of the following core courses: [GSCI 3020](#), [3030](#), [3040](#).
2. Three courses chosen from [GSCI 3710](#), [4130](#), [4150](#), [4210](#), [4230](#), [4240](#), [4430](#), [4710](#), [4720](#), [4735](#).
3. At least five additional credits of Geoscience courses at the 3000 level and above.

### ***Atmosphere Track***

1. The following core course: [GSCI 3010](#).
2. One of the following core courses: [GSCI 3020](#), [3030](#), [3040](#).
3. Three courses chosen from [GSCI 2800](#), [4150](#), [4230](#), [4430](#), [4720](#), [4810](#), [4850](#).
4. At least nine additional credits of Geoscience courses at the 3000 level and above.

## **Bachelor of Arts**

At least 24 credits of Geoscience courses at the 2000 level and above and at least 12 credits of related courses at the 2000 level and above must be successfully completed for the Bachelor of Arts in Geoscience in addition to the college B.A. requirements. Courses cross-listed with Geoscience courses cannot be used to fulfill the related courses requirement.

The requirements include the following:

1. [GSCI 2500](#).
2. Two of the following core courses: [GSCI 3010](#), [3020](#), [3030](#), [3040](#).
3. One of the following capstone courses: [GSCI 4050W](#) or [4996W](#).
4. At least 12 additional credits of Geoscience courses at the 2000 level and above. No more than three credits can be at the 2000 level. No more than three credits can be from [GSCI 4989](#), [4990](#), [4991](#), [4999](#).

Geoscience majors satisfy the writing in the major and information literacy competency requirements by passing [GSCI 4050W](#) or [GSCI 4996W](#).

A minor in Geoscience is described in the [Minors](#) section.

**2021-050      MAST                      Revise Major**

*Current Copy:*

Water covers more than two-thirds of the Earth's surface and the majority of the human population lives within 50 miles of navigable waterways. The world's oceans and great riparian systems have provided the dominant medium for human economic and cultural exchange and the context for many of humanity's most dramatic stories, powerful technologies, and aesthetic and literary achievements.

Maritime Studies is an interdisciplinary major that embraces the liberal arts as the foundation for exploring humankind's critical and continually evolving connections with the world's waterways and watersheds.

The Maritime Studies Program combines rigorous liberal arts training in recognized humanities and social science disciplines such as history, English, economics, political science, anthropology and geography with specialized courses, interdisciplinary seminars, and research and internship opportunities that focus on issues, traditions, and problems that influence life in maritime regions. A complement to the Marine Sciences Major Maritime Studies highlights the social and cultural side of the human/water relationship, but recognizes and explores the links between human activities and the composition and the condition of the coastal and marine environments.

Maritime Studies is a flexible but focused major that students may shape to meet a wide range of occupational and educational goals. Depending upon the track of studies selected, Maritime Studies students may prepare for a range of careers including those in the maritime service and heritage tourism sectors as well as for graduate study in maritime and public history, English, journalism, marine policy and cultural resource management, planning and regulation, education, law, or business. The Maritime Studies Program takes advantage of the UConn-Avery Point campus' unique Long Island Sound location and its many coastal and maritime educational resources and research programs including the UConn Sea Grant Institute, the National Undersea Research Center, the Long Island Sound Resource Center, and Marine Sciences Department. Significant internship and research opportunities for students are also available through agreements with regional institutions that include Mystic Seaport, one of the world's premier maritime museums and research centers.

## Major Requirements

[MARN 1001](#) is a prerequisite for the major. It is recommended that majors take [MAST 1200](#) to satisfy General Education Content Area One.

### ***Core Courses***

All students are required to take [MAST 2101](#). In addition, students must take five of the Core Courses listed below. Students must select these five courses from five different disciplines.

- Anthropology: [ANTH/MAST 3531](#) or [3532](#);
- Economics: [ECON 2467](#);
- English: [ENGL/MAST 3652](#) or [ENGL/MAST 3653](#);
- Geography: [CE/GEOG 2500](#);
- History: [MAST/HIST 2210E](#) or [MAST/HIST 3544](#);
- Political Science: [POLS 3832](#).

### ***Thematic Concentration***

Students must declare a concentration in one of the following areas: Blue Humanities, Marine Policy, Maritime Archaeology, or Fisheries Policy. One of the five Core Courses elected by the student

student can also contribute to the Thematic Concentration. Furthermore, the student must complete an approved sequence of three additional courses in the concentration at the 2000 level or above. Choice of concentration and course sequence must be approved by the MAST director or the student's advisor.

The writing in the major requirement can be met with [MAST 4994W](#). Students will satisfy the information literacy requirement as they complete core courses.

### ***Related Areas***

Students must complete 12 credits in related areas. Courses are selected in conjunction with the MAST director or the student's advisor.

#### *Approved Copy:*

Water covers more than two-thirds of the Earth's surface and the majority of the human population lives within 50 miles of navigable waterways. The world's oceans and great riparian systems have provided the dominant medium for human economic and cultural exchange and the context for many of humanity's most dramatic stories, powerful technologies, and aesthetic and literary achievements.

Maritime Studies is an interdisciplinary major that embraces the liberal arts as the foundation for exploring humankind's critical and continually evolving connections with the world's waterways and watersheds.

The Maritime Studies Program combines rigorous liberal arts training in recognized humanities and social science disciplines such as history, English, economics, political science, anthropology and geography with specialized courses, interdisciplinary seminars, and research and internship opportunities that focus on issues, traditions, and problems that influence life in maritime regions. A complement to the Marine Sciences Major Maritime Studies highlights the social and cultural side of the human/water relationship, but recognizes and explores the links between human activities and the composition and the condition of the coastal and marine environments.

Maritime Studies is a flexible but focused major that students may shape to meet a wide range of occupational and educational goals. Depending upon the track of studies selected, Maritime Studies students may prepare for a range of careers including those in the maritime service and heritage tourism sectors as well as for graduate study in maritime and public history, English, journalism, marine policy and cultural resource management, planning and regulation, education, law, or business. The Maritime Studies Program takes advantage of the UConn-Avery Point campus' unique Long Island Sound location and its many coastal and maritime educational resources and research programs including the UConn Sea Grant Institute, the National Undersea Research Center, the Long Island Sound Resource Center, and Marine Sciences Department. Significant internship and research opportunities for students are also available through agreements with regional institutions that include Mystic Seaport, one of the world's premier maritime museums and research centers.

## **Major Requirements**

[MARN 1001](#) is a prerequisite for the major. It is recommended that majors take [MAST 1200](#) to satisfy General Education Content Area One.

## **Core Courses**

All students are required to take [MAST 2101](#). In addition, students must take five of the Core Courses listed below. Students must select these five courses from five different disciplines.

- Anthropology: ANTH/MAST 3531 or 3532;
- Economics: ECON 2467;
- English: ENGL/MAST 3652 or ENGL/MAST 3653;
- Geography: CE/GEOG 2500; or MAST/GEOG 3600
- History: MAST/HIST 2210E or MAST/HIST 3544 or HIST 2101;
- Political Science and Policy: MAST/POLS 3832 or MAST 2300E.

## **Thematic Concentration**

Students must declare a concentration in one of the following areas: Blue Humanities, Marine Policy, Maritime Archaeology, or Fisheries Policy. One of the five Core Courses elected by the student can also contribute to the Thematic Concentration. Furthermore, the student must complete an approved sequence of three additional courses in the concentration at the 2000 level or above. Choice of concentration and course sequence must be approved by the MAST director or the student's advisor.

The writing in the major requirement can be met with [MAST 4994W](#). Students will satisfy the information literacy requirement as they complete core courses.

## **Related Areas**

Students must complete 12 credits in related areas. Courses are selected in conjunction with the MAST director or the student's advisor.

**2021-051      PHYS                      Revise Major**

*Current Copy:*

## **Bachelor of Science, General Option**

A total of 48 credits from 2000-level or above courses in physics, other sciences, mathematics, or engineering are required. Among these, 36 credits must be physics courses. The 36 credits of physics must include [PHYS 2300](#), [2501W](#), [3101](#), [3201](#), [3202](#), [3300](#), and [3401](#), and at least three credits of an advanced laboratory ([PHYS 3150](#), [3501](#), or [4150](#)). It is strongly recommended that students going on to graduate school in physics take [PHYS 3402](#). All students are strongly encouraged to participate in an undergraduate research project. An experimental research project ([PHYS 3989](#)) may count towards the advanced laboratory requirement. No more than six credits from [PHYS 4099](#) may be counted towards this degree option. The general option for the Bachelor of Science degree requires a minimum of 12 credits from 2000-level or above related courses in mathematics, other sciences, or engineering.

## **Bachelor of Science, Applied Option**



A total of 48 credits from 2000-level or above courses in physics, other sciences, mathematics, or engineering are required. Among these, 30 credits must be physics courses. The 30 credits must include [PHYS 2300](#), [2501W](#), [3101](#), [3201](#), and [3300](#), plus a minimum of nine credits from the following courses: [PHYS 3150](#), [3501](#), [4140](#), [4150](#), [4210](#), [4350](#), and either [4710](#) or [4720](#) or [4730](#) or [4740](#), with at least three of the nine credits being from an advanced laboratory ([PHYS 3501](#), [3150](#), or [4150](#)). These courses involve the application of the basic physics subjects; i.e. mechanics, electricity and magnetism, thermodynamics, and quantum mechanics, in the introduction to the major subfields of physics. All students are strongly encouraged to participate in an undergraduate research project. An experimental research project ([PHYS 4099](#)) may count towards the advanced laboratory requirement.

The applied option for the Bachelor of Science degree requires a minimum of 12 credits from 2000-level or above related courses in mathematics, other sciences, or engineering. To complete the 48 total required credits for the applied option, the remaining six credits may come from 2000-level or above courses in physics, other sciences, mathematics, or engineering. No more than six credits from [PHYS 4099](#), may be counted towards this degree option.

## **Bachelor of Arts**

A total of 36 credits from 2000-level or above courses in physics, other sciences, mathematics, or engineering are required. Among these, 24 credits must be physics courses which must include [PHYS 2300](#), [2501W](#), [3101](#) and [3201](#), and [3300](#) along with sufficient credits of elective physics courses to meet the 24-credit requirement. No more than six credits from [PHYS 4099](#) may be counted towards this degree.

The Bachelor of Arts degree requires a minimum of 12 credits from 2000-level or above related courses in mathematics, other sciences, or engineering.

*Approved Copy:*

## **Bachelor of Science, General Option**

Required physics courses must include [PHYS 2300](#), [2501W](#), [3101](#), [3201](#), [3202](#), [3300](#), and [3401](#), and at least three credits of an advanced laboratory ([PHYS 3150](#), [3501](#), or [4150](#)), plus 12 credits of 2000-level or above PHYS electives. It is strongly recommended that students going on to graduate school in physics take [PHYS 3402](#). All students are strongly encouraged to participate in an undergraduate research project. An experimental research project ([PHYS 3989](#) or [4096W](#)) may count towards the advanced laboratory requirement. No more than six credits from [PHYS 4099](#) may be counted towards this degree option. The general option for the Bachelor of Science degree requires a minimum of 12 credits from 2000-level or above related courses in mathematics, other sciences, or engineering.

## **Bachelor of Science, Applied Option**

Required physics courses must include PHYS 2300, 2501W, 3101, 3201, and 3300, plus a minimum of nine credits from the following courses: PHYS 3150, 3501, 4140, 4150, 4210, 4350, and either 4710 or 4720, or 4730, or 4740, with at least three of the nine credits being from an advanced laboratory (PHYS 3501, 3150, or 4150). These courses involve the application of the basic physics subjects; i.e. mechanics, electricity and magnetism, thermodynamics, and quantum mechanics, in the introduction to the major subfields of physics. All students are strongly encouraged to participate in an undergraduate research project. An experimental research project (PHYS 3989 or 4095W) may count towards the advanced laboratory requirement.

The applied option for the Bachelor of Science degree requires six credits of 2000-level or above PHYS electives, plus a minimum of 12 credits from 2000-level or above related courses in mathematics, other sciences, or engineering, and an additional six credits of either 2000-level or above PHYS electives or 2000-level or above related courses in mathematics, other sciences, or engineering.

## **Bachelor of Arts**

Required physics courses must include PHYS 2300, 2501W, 3101, 3201, and 3300, plus nine credits of 2000-level or above PHYS electives. No more than six credits from PHYS 4099 may be counted towards this degree.

The Bachelor of Arts degree requires a minimum of 12 credits from 2000-level or above related courses in mathematics, other sciences, or engineering.

### **2021-052      Writing                      Revise Minor**

*Current Copy:*

The writing minor promotes an interdisciplinary awareness of composing practices, histories, and theories. It encourages students to refine their writing abilities across diverse contexts and technologies.

The minor requires 15 credits at the 2000 level or above. All students must take ENGL 2013W or 2049W and 12 credits from the list below. Courses must be taken in at least two subject areas. No more than six credits may overlap with another major or minor. Please note that some classes are open only to majors in that subject area.

ASLN 3306W; BME 4910W; BUSN 3002W, 3003W; CE 4900W, 4910W, 4920W; CHEG 4143W; CHEM 3170W; COMM 2100, 4220W, 4930W, 4940, 4941; CSE 4939W; EEB 3895W; EDCI 3100W, 4110W, 4205W, 4210W; EPSY 4120W; ENGL 2001, 3003W, 3010W, 3012, 3013, 3701, 3703, 3705, 3711, 3713, 3715, 3082, 3692, 4407W; ENVE 4910W, 4920W; HDFS 4007W; HIST 2100, 3100W, 3101W, 3556W; JOUR 2000W, 2001W, 3000W, 3005, 3012W, 3013W, 3040, 3046; LLAS 2012; ME 4973W; MEM 4971W, 4972W; MSE 4901W, 4902W, PNB 3120W; TRST 3010, 3011.

Students may petition to include other courses whose focus is writing by applying to Ellen Carillo at [ellen.carillo@uconn.edu](mailto:ellen.carillo@uconn.edu).

*Approved Copy:*

The writing minor promotes an interdisciplinary awareness of composing practices, histories, and theories. It encourages students to refine their writing abilities across diverse contexts and technologies.

The minor requires 15 credits at the 2000 level or above. All students must take ENGL 2013W or 2049W and 12 credits from the list below. Courses must be taken in at least two subject areas. No more than six credits may overlap with another major or minor. Please note that some classes are open only to majors in that subject area.

AFRA 4994W; AH 4239, 4240W; ASLN 3306W; BME 4910W; BUSN 3002W, 3003W; CE 4900W, 4910W, 4920W; CHEG 4143W; CHEM 3170W; COMM 2100, 4220W, 4930W, 4940, 4941; CSE 4939W; ECON 2500W; **EEB 3895W; EEB 2244EW, 2245W, 3244W, 4230W**; EDCI 3100W, 4110W, 4205W, 4210W; EPSY 4120W; ENGL 2001, **2701**, 3003W, 3010W, 3012, 3013, 3701, 3703, 3705, 3711, 3713, 3715, 3082, 3692, 4407W; ENVE 4910W, 4920W; FREN 3268W; GSCI 4050W; HDF5 4007W; HIST 2100, 3100W, 3101W, 3556W; JOUR 2000W, 2001W, 3000W, 3005, 3012W, 3013W, 3040, 3046E; LLAS 2012; MCB 3841W, 3842W, 3843W; ME 4973W; MEM 4971W, 4972W; MSE 4901W, 4902W, PNB 3120W; PSYC 2100WQ; SPAN 3240W; TRST 3010, 3011.

Students may petition to include other courses whose focus is writing by applying to Ellen Carillo at [ellen.carillo@uconn.edu](mailto:ellen.carillo@uconn.edu).

### **C. Announcements:**

#### **CAR Updates**

Senate, GEOC, and College C&C reps met to talk about the CAR form. Members of this group were delighted by two CLAS C&C proposals:

1. The ability to clone forms for the same course from the past and/or forms from similar courses in the present; and
2. A new tab called “Justification” that gathers together related “big-picture” questions like:
  - Reason for the course action
  - Has this course action been accounted for in the departmental staffing plan?
  - Could this course be taught in another discipline? If so, which? What steps have you taken to address potential overlap?

#### **Planning for 2021**

Happy New Year! This is a great time to consider what you’d like to focus on curricularly for AY 2021/22. Are you making major changes? Adding or deleting courses? Taking a look at your grad catalog? Reach out to the chair of this committee with any questions and/or if you’d like a visitor to an upcoming departmental C&C meeting.



**ATTENDANCE:**

Na-Rae Kim	AAAS
Matthew McKenzie	AMST/HIST/MAST
César Abadia	ANTH/HRTS
Fatma Selampinar	CHEM
Rebecca Bacher	CLAS Dean's Office
Mansour Ndiaye	CLAS Dean's Office
Evelyn Tribble	CLAS Dean's Office
Stephen Stifano	COMM
Richard Langlois	ECON
Paul Lewis	EEB
Chris Vials	ENGL
Debs Ghosh	GEOG
Jean Crespi	GSCI
Beth Russell	HDFS
Maureen Croteau	JOUR
Sara Johnson	LCL
Jon Sprouse	LING
Anne Gebelein	LLAS
Guojun Gan	MATH
David Knecht	MCB
Vernon Cormier	PHYS
John Redden	PNB
Ken Dautrich	PP
Rob Henning	PSYC
Lendra Friesen	SLHS
David Weakliem	SOCI
Victor Hugo Lachos	STAT
Ariana Codr	WGSS
<i>Guests:</i>	
Payam Andalib	PNB
Thomas Blum	PHYS
Matthew Cohen	DRAM
Bernard Grela	SLHS
David Gross	MATH
Mark Hamilton	COMM
Kathy Libal	HRTS
Sergio Luzzatto	HIST
Nan Meng	CHIN
Linda Pelletier	ASLN
Michael Rubin	HRTS
Alexis Smith	ANTH
Jonathan Trump	PHYS
