

CLAS Committee on Curricula and Courses

Chair: Stephen Stifano

Agenda

September 28th, 2021

WebEx: <https://uconnvtc.webex.com/uconnvtc/j.php?MTID=m19897ed9c004c7197b06e4f541d4d322>

I. Chair Approvals:

<i>Agenda Item</i>	<i>Form</i>	<i>Course</i>	<i>Action (Syllabus linked)</i>
2021-224	545	MCB 5895	Add Special Topic: 3D Genome in Development, Disease, and Evolution

II. Old Business:

<i>Agenda Item</i>	<i>CAR</i>	<i>Course</i>	<i>Action (Syllabus linked)</i>
2021-168	7326	GEOG 4300	Revise Course (Guest: Anji Seth)
2021-169	7303	GEOG 5390	Revise Course (Guest: Anji Seth)
2021-220	8304	SOCI 2315	Add Course (S)

III. New Business:

<i>Agenda Item</i>	<i>CAR</i>	<i>Course/Discipline</i>	<i>Action (Syllabus or Form linked)</i>
2021-225	8384	COMM 5979	Add Course (Guest: Ken Lachlan)
2021-229	8405	COMM 6800	Revise Course (Guest: Ken Lachlan)
2021-232	8444	COMM 5991	Revise Course (Guest: Ken Lachlan)
2021-226		COMM	Review 4+1 FastTrack (Guest: Ken Lachlan)
2021-223		CHEM	Revise Minor
2021-231	7964	ENGL 3509W	Add W Version (G)(S)
2021-236	7704	GSCI 3040	Revise Course
2021-237	8484	GSCI 5330	Add Course
2021-233		LLAS	Revise Major
2021-234		Latin American Studies	Revise Minor
2021-235		Latino Studies	Revise Minor
2021-227	8324	GEOG 4240	Add Course (Guest: Christopher Burton)
2021-228	8245	GEOG 5240	Add Course (Guest: Christopher Burton)
2021-230	8224	GEOG 6815	Add Course

IV. Items for Discussion:

1. [Core Curriculum for Leadership and Global Citizenship](#) - New General Education Structure approaching Senate C&C for review and vote.
2. Guidance for “Revision or Add Course?” Dilemmas.

2021-168 7326 GEOG 4300 Revise Course

Current Copy:

GEOG 4300. Advanced Physical Geography

3.00 credits

Prerequisites: GEOG 2300 or instructor consent; open to juniors or higher.

Grading Basis: Graded

Problems involving the application of physical processes in our changing environment.

Proposed Copy:

GEOG 4300. Classic Papers in Climate Science

3.00 credits

Prerequisites: GEOG 2300 or instructor consent; open to juniors or higher.

Grading Basis: Graded

An examination of the defining primary literature in the evolution of climate science to the present state of knowledge. Topics may include the Greenhouse Theory of Climate, El Niño, Climate Prediction, and regional processes of interest (e.g., monsoons, storm tracks, desert dynamics).

[\[top\]](#)

2021-169 7303 GEOG 5390 Revise Course

Current Copy:

GEOG 5390. Advanced Physical Geography

3.00 credits | May be repeated for a total of 6 credits.

Prerequisites: None.

Grading Basis: Graded

Problems involving the application of physical processes in our changing environment.

Proposed Copy:

GEOG 5300. Classic Papers in Climate Science

3.00 credits | May be repeated for a total of 6 credits.

Prerequisites: May not be taken for credit by students who have passed GEOG 4300.

Grading Basis: Graded

An examination of the defining primary literature in the evolution of climate science to the present state of knowledge. Topics may include the Greenhouse Theory of Climate, El Niño, Climate Prediction, and regional processes of interest (e.g., monsoons, storm tracks, desert dynamics).

[\[top\]](#)

2021-220 6157 SOCI 2315 Add Course (S)

SOCI 2315. Guns and Society

3 credits

Prerequisites: None

Grading Basis: Graded

Examines the social problem of gun violence through a sociological framework. Topics may include: ongoing physical problems and emotional trauma suffered by survivors, their family, friends, and communities; suicide; mass shootings; social movements; and ways to reduce gun violence.

[\[top\]](#)

2021-225 [8384](#) COMM 5979

Add [Course](#) (Guest: Ken Lachlan)

Proposed Copy:

COMM 5979. Masters Capstone Project

Prerequisites: Department Consent.

Recommended Preparation: Student is in the last or next to last semester of study in the Master of Arts in Communication program.

Grading Basis: Satisfactory/Unsatisfactory

Capstone project addressing problems or opportunities in the field of communication.

[\[top\]](#)

2021-229 [8405](#) COMM 6800

Revise [Course](#) (Guest: Ken Lachlan)

Current Copy:

COMM 6800. Seminar and Directed Research in Communication

1.00 - 6.00 credits | May be repeated for a total of 12 credits.

Prerequisites: Open to graduate students in the **Marketing** Communication Program.

Grading Basis: Graded

Proposed Copy:

COMM 6800. Seminar and Directed Research in Communication

3.00 credits | May be repeated for a total of **6** credits.

Prerequisites: Open to graduate students in the Communication Program.

Grading Basis: **Satisfactory/Unsatisfactory**

Completion of directed research projects to advance the scholarship of communication graduate students. Projects will be presented to an audience of faculty and graduate students.

[\[top\]](#)

2021-232 [8444](#) COMM 5991

Revise [Course](#) (Guest: Ken Lachlan)

Current Copy:

5991. Internship in Communication

1.00 - 3.00 credits | May be repeated for credit.

Prerequisites: Open to graduate students in Communication, others with consent.

Grading Basis: Satisfactory/Unsatisfactory

Students complete a departmentally approved internship within one semester. Students taking this course will be assigned a final grade of S (satisfactory) or U (unsatisfactory).

Proposed Copy:

5981. Internship in Communication

1.00 - 6.00 credits | May be repeated for credit up to a maximum of 6 credits.

Prerequisites: Open to graduate students in Communication, others with consent.

Grading Basis: Satisfactory/Unsatisfactory

Students complete a departmentally approved internship within one semester. Students taking this course will be assigned a final grade of S (satisfactory) or U (unsatisfactory).

[\[top\]](#)

2021-226

COMM

Review [4+1 FastTrack](#) (Guest: Ken Lachlan)

Proposed Copy:

4+1 FastTrack B.A./M.A. Program in Communication

Students pursuing a UConn undergraduate B.A. degree in Communication can apply to use up to 12 credits of graduate-level coursework taken as an undergraduate towards an M.A. degree in Communication. By joining the COMM FastTrack program, undergraduate Communication majors can enroll in graduate Communication courses and complete the requirements for both degrees over a period of five total years.

This program is intended for undergraduates pursuing a B.A. in Communication; students must meet all requirements for the B.A. degree. The M.A. program requires students to complete two graduate-level methodology courses (COMM 5001 and 5002) as well as two graduate-level core theory courses (COMM 5100, 5200, 5230, 5300, 5660, or 6850.) An additional 21 credits of graduate-level coursework must be completed, including one of the exit options; most FastTrack students will complete the Master's Project (COMM 5979) as an exit option.

Beyond required graduate-level courses, each FastTrack student's plan of study and sequencing of courses will differ; support from a student's assigned FastTrack advisor will assist in the selection and sequencing of courses. As an example, below is a potential student plan to complete the M.A. requirements during the fourth and fifth years.

Year 4 Fall: Two Graduate Courses (including one core theory course)

Year 4 Spring: Two Graduate Courses (including one core theory course)

Year 4 Summer: One Graduate Course (COMM 5991 Internship)

Year 5 Fall: Three Graduate Courses (including COMM 5001)

Year 5 Spring: Two Graduate Courses (including COMM 5002) and COMM 5979, Master's Project

Academic Qualifications:

For admission to the FastTrack program in Communication, students should be in Year 3 or later of the B.A. in Communication, and have a 3.00 cumulative grade-point-average or better at the time of application. Students should have completed COMM 2000Q and at least two 2000-level core courses by the time of application.

To apply, students must submit:

- Unofficial transcripts for all college-level studies regardless of if a degree was awarded.
- A current resume.
- A 2-3 page double-spaced personal statement explaining your interest in the program, why you are pursuing the program, and how this program can help you reach your career goals.
- A copy of or a screenshot of their SAT or ACT scores. If you do not have access to these scores or if you do not remember them, please state that in your application email.

We seek highly motivated students who are committed to the discipline and the pursuit of a graduate degree. Please note that to count graduate courses toward the M.A. in communication, FastTrack students approaching their undergraduate graduation must still apply to - and be accepted by - the graduate school. FastTrack students will be provided guidance on this process as part of their enrollment in the program. The Graduate School requires students to maintain at least a B (3.00) cumulative grade point average in the 33 credits used for the M.A. degree.

Costs

Students can complete up to 12 credits of graduate-level coursework as an undergraduate as part of their undergraduate education costs. Students are subsequently responsible for the cost of at least 21 credits of graduate education.

Advising

During the undergraduate portion of their work, admitted FastTrack students will be paired with an advisor from the graduate faculty in Communication. Once a FastTrack student has completed the undergraduate degree and been accepted to the graduate school, the student may elect to continue working with the faculty advisor or select a new advisor from the graduate faculty. The advisor provides guidance in course selection and preparation for the M.A. Project or alternative exit options.

[\[top\]](#)

2021-223

CHEM

[Revise Minor](#)

Current Copy:

Students taking this minor must take at least 15 credits of 2000-level or above Chemistry courses.

The following courses are required: CHEM 2443, 2444, and 2445*; CHEM 3332.

*CHEM 2446 may be used in place of CHEM 2445 by Chemical Engineering and Biomedical Engineering majors only.

Further, students must take one course from the following list: CHEM 3210, 3334, 3442W, 3563, 3661.

Proposed Copy:

Students taking this minor must take at least 15 credits of 2000-level or above Chemistry courses.

The following courses are required: CHEM 2443, 2444, and 2445*; CHEM 3332.

*CHEM 2446 may be used in place of CHEM 2445 by Chemical Engineering and Biomedical Engineering majors only.

Further, students must take one course from the following list: CHEM 3210, 3334, 3442W, 3563, 3564, 3661.

[\[top\]](#)

2021-231 [7964](#) **ENGL 3509W** **Add [W Version](#) (G)(S)**

Existing Non-W Course Copy:

ENGL 3509W. Studies in Individual Writers

3.00 credits | May be repeated for credit.

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

Grading Basis: Graded

Concentrated study in one or two authors writing in English. May be repeated for credit with a change in topic.

[\[top\]](#)

2021-236 [7704](#) **GSCI 3040** **Revise [Course](#)**

Current Copy:

GSCI 3040. Earth Materials

4.00 credits

Prerequisites: GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or 1051 or 1055 or 1070 or GEOG 1070.

Recommended preparation: CHEM 1124-1126 or 1127 and 1128.

Grading Basis: Graded

Principles of symmetry and crystal chemistry and the identification of minerals by hand sample, petrographic and x-ray methods. Description of the mineralogy and texture of igneous, sedimentary and metamorphic rocks and the application of contemporary petrogenetic models to the interpretation of the geologic environments they record. One or more weekend field trips may be required.

Proposed Copy:

GSCI 3040. Earth Materials

[3.00](#) credits

Prerequisites: GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or 1051 or 1055 or 1070 or GEOG 1070.

Recommended preparation: CHEM 1124-1126 or 1127 and 1128.

Grading Basis: Graded

Principles of symmetry and crystal chemistry and the identification of minerals by hand sample, petrographic and x-ray methods. Description of the mineralogy and texture of igneous, sedimentary and metamorphic rocks and the application of contemporary petrogenetic models to the interpretation of the geologic environments they record. One or more weekend field trips may be required.

[\[top\]](#)

2021-237 [8484](#) GSCI 5330

Add [Course](#)

Proposed Copy:

GSCI 5330. Active Tectonics

3.00 credits

Prerequisites: Not open for credit to students who have passed GSCI 4330.

Grading Basis: Graded

Tectonic processes that shape the Earth's surface, particularly its landforms. Emphasis on short-term processes that produce disasters and catastrophes and affect human society.

2021-233

LLAS

Revise [Major](#)

Current Copy:

Prerequisite for the major

A 1000-level introductory course on Latino or Latin American Studies.

Required Courses (16 credits)

1. Critical Methodology sequence of [LLAS 2011W](#) and [2012](#)
2. Experiential Learning Requirement. Choose six credits from:
 - a. Community immersion project (combination of Independent Study [LLAS 3999](#), Field Work [LLAS 4212](#), or service-learning courses that involve Latino American community)
 - b. Urban Semester with Latino Studies focus ([INTD 3584](#) and [INTD 3594](#) or [3590](#), the internship itself); additional credits can count as related courses, or towards the capstone)
 - c. Study abroad courses or internship in Latin American or Caribbean Studies
3. Capstone project: [LLAS 4994W](#) or comprehensive project through Urban Semester (three credits)

Elective Courses (nine credits)

Elective courses must have a LLAS designation, and must fall within content area of chosen concentration, either Latino or Latin American Studies.

Related Courses (12 credits)

Language Requirement

Intermediate proficiency in a language spoken in Latin America is required for students focusing in Latin America, and proficiency in Spanish is strongly suggested for students focusing on Latinos in the United States. Proficiency can be demonstrated in one of the ways below:

- Take at least one 3000-level or above course in literature, culture, film or the arts in the target language
- Pass equivalent language exam
- Requirement waived for native speakers

Proposed Copy:

Prerequisite for the major

A 1000-level introductory course on Latino or Latin American Studies.

Required Courses (16 credits)

1. Critical Methodology sequence of [LLAS 2011W](#) and [2012](#)
2. Experiential Learning Requirement. Choose six credits from:
 - a. Community immersion project (combination of Independent Study [LLAS 3999](#), Field Work [LLAS 3990](#) or [4212](#), or service-learning courses that involve Latino American community)
 - b. Urban Semester with Latino Studies focus ([INTD 3584](#) and [INTD 3594](#) or [3590](#), the internship itself); additional credits can count as related courses, or towards the capstone)
 - c. Study abroad courses or internship in Latin American or Caribbean Studies
3. Capstone project: [LLAS 4994W](#) or comprehensive project through Urban Semester (three credits)

Elective Courses (nine credits)

Elective courses must have a LLAS designation, and must fall within content area of chosen concentration, either Latino or Latin American Studies.

Related Courses (12 credits)

Language Requirement

Intermediate proficiency in a language spoken in Latin America is required for students focusing in Latin America, and proficiency in Spanish is strongly suggested for students focusing on Latinos in the United States. Proficiency can be demonstrated in one of the ways below:

- Take at least one 3000-level or above course in literature, culture, film or the arts in the target language
- Pass equivalent language exam

- Requirement waived for native speakers

[\[top\]](#)

2021-234 **Latin American Studies** Revise [Minor](#)

Current Copy:

Latin American Studies Minor

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.

Proposed Copy:

Latin American Studies Minor

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, **3990**, 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.

[\[top\]](#)

2021-235

Latino Studies

Revise [Minor](#)

Current Copy:

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:

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, 3990, 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.

With approval of the minor advisor, appropriate sections of 3293 courses taken through Experiential Global Learning 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.

[\[top\]](#)

2021-227 [8324](#) **GEOG 4240** **Add [Course](#)**

Proposed Copy:

GEOG 4240. Disaster Risk, Vulnerability, and Resilience

3.00 Credits.

Prerequisites: None.

Grading Basis: Graded

Overview of geographical perspectives on disaster risk, vulnerability, and resilience using an integrated environmental, social, and infrastructural approach. Emphasis is placed on the theory, methods, metrics, and tools necessary to measure the concepts and better understand through examples characteristics that affect the risk, vulnerability, and resilience of societies worldwide.

[\[top\]](#)

2021-228 [8245](#) **GEOG 5240** **Add [Course](#)**

Proposed Copy:

GEOG 5240. Disaster Risk, Vulnerability, and Resilience

3.00 Credits.

Prerequisites: None.

Grading Basis: Graded

Overview of geographical perspectives on disaster risk, vulnerability, and resilience using an integrated environmental, social, and infrastructural approach. Emphasis is placed on the theory, methods, metrics, and tools necessary to measure the concepts and better understand through examples characteristics that affect the risk, vulnerability, and resilience of societies worldwide.

[\[top\]](#)

2021-230 [8224](#) **GEOG 6815** **Add [Course](#)**

Proposed Copy:

GEOG 6815. Seminar on Geographic Information Science and Systems

3.00 Credits | May be repeated for a total of 6 credits.

Prerequisites: None.

Recommended Preparation: GEOG 5500 or GEOG 5510

Grading Basis: Graded

An exploration of Geographic Information Science and Systems theories, methods, and critiques for physical and social sciences. Topics may range from fundamental to emergent themes including measurement biases, uncertainties, qualitative GIS, spatial big data, human dynamics, and GeoAI.

[\[top\]](#)