CLAS C&C

Agenda Addendum

For 1.30.2018 Meeting

New CARs have been submitted as part of the move to revise the GSCI prerequisite structure. If time permits and the committee agrees, we may add these items to the end of the agenda.

**AGENDA ITEMS:**

2018-79 GSCI/ENVE/CE 3710 Revise Course (SofE)

2018-80 GSCI 3990 Revise Course

2018-81 GEOG/GSCI 4230 Revise Course

2018-82 GSCI 4330 Revise Course

2018-83 GSCI/NRE 4735 Revise Course (CAHNR)

**NEW PROPOSALS:**

**2018-79 GSCI/ENVE/CE 3710 Revise Course (SofE)**

*Current Copy:*

3710. Engineering and Environmental Geology

(Formerly offered as GEOL 3710.) (Also offered as CE 3530 and ENVE 3530.) Three credits. Recommended preparation: GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070.. Liu

Application of geological principles to engineering and environmental problems. Topics include site investigation, geologic hazards, slope processes, earthquakes, subsidence, and the engineering properties of geologic materials. Course intended for both geoscience and engineering majors.

*Proposed Copy:*

3710. Engineering and Environmental Geology

(Formerly offered as GEOL 3710.) (Also offered as CE 3530 and ENVE 3530.) Three credits. Recommended preparation: GSCI 1050 or 1051.

Application of geological principles to engineering and environmental problems. Topics include site investigation, geologic hazards, slope processes, earthquakes, subsidence, and the engineering properties of geologic materials. Course intended for both geoscience and engineering majors.

**2018-80 GSCI 3990 Revise Course**

*Current Copy:*

3990. Spring Field Trip

(Formerly offered as GEOL 3990.) Three credits. Prerequisites: GSCI 1050 or 1051, or BIOL 1107 or 1108, or consent of instructor.

A field-based introduction to the integration of geological and biological observations and processes. Field trip during and weekly meetings before and after spring break. May be repeated for credit with change in field venue or permission of the instructor.

*Proposed Copy:*

3990. Spring Field Trip

(Formerly offered as GEOL 3990.) Three credits. Prerequisites: GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070.

A field-based introduction to the integration of geological and biological observations and processes. Field trip during and weekly meetings before and after spring break. May be repeated for credit with change in field venue or permission of the instructor.

**2018-81 GEOG/GSCI 4230 Revise Course**

*Current Copy:*

4230. GIS and Remote Sensing for Geoscience Applications

(Also offered as GEOG 4230.) Three credits. Prerequisite: GEOG 2300; or GSCI 1050; or GSCI 1051 and 1052. Ouimet

Application of Geographic Information Systems, remote sensing, and image interpretation to problems in geoscience. Data acquisition, processing and analysis of Digital Elevation Models and satellite imagery. Geologic materials, processes, landforms and landscapes.

*Proposed Copy:*

4230. GIS and Remote Sensing for Geoscience Applications

(Also offered as GEOG 4230.) Three credits. Prerequisite: GEOG 2300; or GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070.

Application of Geographic Information Systems, remote sensing, and image interpretation to problems in geoscience. Data acquisition, processing and analysis of Digital Elevation Models and satellite imagery. Geologic materials, processes, landforms and landscapes.

**2018-82 GSCI 4330 Revise Course**

*Current Copy:*

4330. Active Tectonics

Three credits. Prerequisite: GSCI 1050; or GSCI 1051 and 1052; or GSCI 1070 and 1052; or GEOG 2300; or consent of instructor. Recommended preparation: GSCI 3020 and 3030. Byrne

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.

*Proposed Copy:*

4330. Active Tectonics

Three credits. Prerequisite:GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070; or GEOG 2300; or consent of instructor. Recommended preparation: GSCI 3020 and 3030.

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.

**2018-83 GSCI/NRE 4735 Revise Course (CAHNR)**

*Current Copy:*

4735. Introduction to Ground-Water Hydrology

(Formerly offered as GEOL 4735.) (Also offered as NRE 4135.) Four credits. Three class periods and one 3-hour laboratory for which occasional field trips will be substituted. Prerequisite: GSCI 1050; or GSCI 1051 and 1052; or instructor consent; open to juniors or higher. Robbins

Basic hydrologic principles with emphasis on ground water flow and quality, geologic relationships, quantitative analysis and field methods.

*Proposed Copy:*

4735. Introduction to Ground-Water Hydrology

(Formerly offered as GEOL 4735.) (Also offered as NRE 4135.) Four credits. Three class periods and one 3-hour laboratory for which occasional field trips will be substituted. Prerequisite: GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070; or instructor consent; open to juniors or higher.

Basic hydrologic principles with emphasis on ground water flow and quality, geologic relationships, quantitative analysis and field methods.

**ADDITIONAL MATERIALS:**

**2018-79 GSCI/ENVE/CE 3710 Revise Course (SofE)**

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| **COURSE ACTION REQUEST** |
| **CAR ID** | 18-6211 |
| **Request Proposer** | Park Boush |
| **Course Title** | Engineering and Environmental Geology |
| **CAR Status** | In Progress |
| **Workflow History** | Start > Geosciences > Civil and Environmental Engineering > Chemical Engineering > College of Liberal Arts and Sciences |

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| **COURSE INFO** |
| **Type of Action** | Revise Course |
| **Is this a UNIV or INTD course?** | Neither |
| **Number of Subject Areas** | 3 |
| **Course Subject Area** | GSCI |
| **School / College** | College of Liberal Arts and Sciences |
| **Department** | Geosciences |
| **Course Subject Area #2** | ENVE |
| **School / College #2** | School of Engineering |
| **Department #2** | Civil and Environmental Engineering |
| **Course Subject Area #3** | CE |
| **School / College #3** | School of Engineering |
| **Department #3** | Chemical Engineering |
| **Reason for Cross Listing** | overlap of subject matter |
| **Course Title** | Engineering and Environmental Geology |
| **Course Number** | 3710 |
| **Will this use an existing course number?** | Yes |
| **Please explain the use of existing course number** | updating prerequisites to reflect new 1000 level course structure |

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| **CONTACT INFO** |
| **Initiator Name** | Christin A Donnelly |
| **Initiator Department** | Integrative Geoscience |
| **Initiator NetId** | cas05001 |
| **Initiator Email** | christin.donnelly@uconn.edu |
| **Is this request for you or someone else?** | Someone else |
| **Proposer Last Name** | Park Boush |
| **Proposer First Name** | Lisa |
| **Select a Person** | lbp14001 |
| **Proposer NetId** | lbp14001 |
| **Proposer Phone** | +1 860 486 4434 |
| **Proposer Email** | lisa.park\_boush@uconn.edu |
| **Does the department/school/program currently have resources to offer the course as proposed?** | Yes |

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| **COURSE FEATURES** |
| **Proposed Term** | Spring |
| **Proposed Year** | 2019 |
| **Will this course be taught in a language other than English?** | No |
| **Is this a General Education Course?** | No |
| **Number of Sections** | 1 |
| **Number of Students per Section** | 35 |
| **Is this a Variable Credits Course?** | No |
| **Is this a Multi-Semester Course?** | No |
| **Credits** | 3 |
| **Instructional Pattern** |  |

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| **COURSE RESTRICTIONS** |
| **Will the course or any sections of the course be taught as Honors?** | No |
| **Prerequisites** | N/A |
| **Corequisites** | N/A |
| **Recommended Preparation** | GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070. |
| **Is Consent Required?** | No Consent Required |
| **Is enrollment in this course restricted?** | No |

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| **GRADING** |
| **Is this course repeatable for credit?** | No |
| **What is the Grading Basis for this course?** | Graded |

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| **SPECIAL INSTRUCTIONAL FEATURES** |
| **Do you anticipate the course will be offered at all campuses?** | No |
| **At which campuses do you anticipate this course will be offered?** | Storrs |
| **If not generally available at all campuses, please explain why** |  |
| **Will this course be taught off campus?** | No |
| **Will this course be offered online?** | No |

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| **COURSE DETAILS** |
| **Provide existing title and complete course catalog copy** | 3710. Engineering and Environmental Geology (Formerly offered as GEOL 3710.) (Also offered as CE 3530 and ENVE 3530.) Three credits. Recommended preparation: GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070.. Liu Application of geological principles to engineering and environmental problems. Topics include site investigation, geologic hazards, slope processes, earthquakes, subsidence, and the engineering properties of geologic materials. Course intended for both geoscience and engineering majors. |
| **Provide proposed title and complete course catalog copy** | 3710. Engineering and Environmental Geology (Formerly offered as GEOL 3710.) (Also offered as CE 3530 and ENVE 3530.) Three credits. Recommended preparation: GSCI 1050 or 1051. Liu Application of geological principles to engineering and environmental problems. Topics include site investigation, geologic hazards, slope processes, earthquakes, subsidence, and the engineering properties of geologic materials. Course intended for both geoscience and engineering majors. |
| **Reason for the course action** | updating recommended preparation to reflect new 1000 level course structure |
| **Specify effect on other departments and overlap with existing courses** | cross listed with ENVE and CE |
| **Please provide a brief description of course goals and learning objectives** | Application of geological principles to engineering and environmental problems. Topics include site investigation, geologic hazards, slope processes, earthquakes, subsidence, and the engineering properties of geologic materials. Course intended for both geoscience and engineering majors. |
| **Describe course assessments** | homework, midterm, final exam |
| **Syllabus and other attachments** |

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| **Attachment Link** | **File Name** | **File Type** |
| [GSCI3710CVE3530ENVE3530syl18.pdf](https://forms.prod.uconn.edu/feb/secure/org/run/service/ContentStorageService/111543) | GSCI3710CVE3530ENVE3530syl18.pdf | Syllabus |

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| **COMMENTS / APPROVALS** |
| **Comments & Approvals Log** |

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| **Stage** | **Name** | **Time Stamp** | **Status** | **Committee Sign-Off** | **Comments** |
| Start | Christin A Donnelly | 01/29/2018 - 14:54 | Submit |  | updating recommended preparation to reflect new 1000 level course structure |
| Geosciences | Lisa Park Boush | 01/29/2018 - 15:56 | Approve | ‎1‎/‎29‎/‎2018 | I approve of this request |
| Civil and Environmental Engineering | Maria Chrysochoou | 01/29/2018 - 16:50 | Approve |  | Request approved |
| Chemical Engineering | Jennifer A Pascal | 01/29/2018 - 16:53 | Approve |  | Approve |

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**2018-80 GSCI 3990 Revise Course**

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| **COURSE ACTION REQUEST** |
| **CAR ID** | 18-6207 |
| **Request Proposer** | Park Boush |
| **Course Title** | Spring Field Trip |
| **CAR Status** | In Progress |
| **Workflow History** | Start > Draft > Geosciences > College of Liberal Arts and Sciences |

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| **COURSE INFO** |
| **Type of Action** | Revise Course |
| **Is this a UNIV or INTD course?** | Neither |
| **Number of Subject Areas** | 1 |
| **Course Subject Area** | GSCI |
| **School / College** | College of Liberal Arts and Sciences |
| **Department** | Geosciences |
| **Course Title** | Spring Field Trip |
| **Course Number** | 3990 |
| **Will this use an existing course number?** | Yes |
| **Please explain the use of existing course number** | changing pre-reqs |

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| **CONTACT INFO** |
| **Initiator Name** | Christin A Donnelly |
| **Initiator Department** | Integrative Geoscience |
| **Initiator NetId** | cas05001 |
| **Initiator Email** | christin.donnelly@uconn.edu |
| **Is this request for you or someone else?** | Someone else |
| **Proposer Last Name** | Park Boush |
| **Proposer First Name** | Lisa |
| **Select a Person** | lbp14001 |
| **Proposer NetId** | lbp14001 |
| **Proposer Phone** | +1 860 486 4434 |
| **Proposer Email** | lisa.park\_boush@uconn.edu |
| **Does the department/school/program currently have resources to offer the course as proposed?** | Yes |

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| **COURSE FEATURES** |
| **Proposed Term** | Spring |
| **Proposed Year** | 2019 |
| **Will this course be taught in a language other than English?** | No |
| **Is this a General Education Course?** | No |
| **Number of Sections** | 1 |
| **Number of Students per Section** | 10 |
| **Is this a Variable Credits Course?** | No |
| **Is this a Multi-Semester Course?** | No |
| **Credits** | 3 |
| **Instructional Pattern** |  |

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| **COURSE RESTRICTIONS** |
| **Will the course or any sections of the course be taught as Honors?** | No |
| **Prerequisites** | GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070 or or BIOL 1107 or 1108, or consent of instructor |
| **Corequisites** | N/A |
| **Recommended Preparation** | N/A |
| **Is Consent Required?** | No Consent Required |
| **Is enrollment in this course restricted?** | No |

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| **GRADING** |
| **Is this course repeatable for credit?** | Yes |
| **Number of Total Credits Allowed** | 12 |
| **Is it repeatable only with a change in topic?** | No |
| **Does it allow multiple enrollments in the same term?** | No |
| **What is the Grading Basis for this course?** | Graded |

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| **SPECIAL INSTRUCTIONAL FEATURES** |
| **Do you anticipate the course will be offered at all campuses?** | No |
| **At which campuses do you anticipate this course will be offered?** | Storrs |
| **If not generally available at all campuses, please explain why** |  |
| **Will this course be taught off campus?** | Yes |
| **Off campus details** | field trip required |
| **Will this course be offered online?** | No |

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| **COURSE DETAILS** |
| **Provide existing title and complete course catalog copy** | 3990. Spring Field Trip (Formerly offered as GEOL 3990.) Three credits. Prerequisites: GSCI 1050 or 1051, or BIOL 1107 or 1108, or consent of instructor. A field-based introduction to the integration of geological and biological observations and processes. Field trip during and weekly meetings before and after spring break. May be repeated for credit with change in field venue or permission of the instructor. |
| **Provide proposed title and complete course catalog copy** | 3990. Spring Field Trip (Formerly offered as GEOL 3990.) Three credits. Prerequisites: GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070; or BIOL 1107 or 1108, or consent of instructor. A field-based introduction to the integration of geological and biological observations and processes. Field trip during and weekly meetings before and after spring break. May be repeated for credit with change in field venue or permission of the instructor. |
| **Reason for the course action** | new introductory courses need to be added as prerequisites |
| **Specify effect on other departments and overlap with existing courses** | N/A |
| **Please provide a brief description of course goals and learning objectives** | Field based instruction where students are able to take what they learn in the classroom into the real world |
| **Describe course assessments** | field notes and activities, in class activities and assignments prior to trip; attachment is an example of a similar grad level course being offered  |
| **Syllabus and other attachments** |

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| **Attachment Link** | **File Name** | **File Type** |
| [GSCI-5050\_FieldCourse-flyer.pdf](https://forms.prod.uconn.edu/feb/secure/org/run/service/ContentStorageService/111532) | GSCI-5050\_FieldCourse-flyer.pdf | Other |

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| **COMMENTS / APPROVALS** |
| **Comments & Approvals Log** |

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| **Stage** | **Name** | **Time Stamp** | **Status** | **Committee Sign-Off** | **Comments** |
| Draft | Christin A Donnelly | 01/29/2018 - 09:14 | Submit |  | prerequisite changes only  |
| Geosciences | Lisa Park Boush | 01/29/2018 - 15:59 | Approve | ‎1‎/‎29‎/‎2018 | I approve of this request. |

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**2018-81 GEOG/GSCI 4230 Revise Course**

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| **COURSE ACTION REQUEST** |
| **CAR ID** | 18-6210 |
| **Request Proposer** | Park Boush |
| **Course Title** | GIS and Remote Sensing for Geoscience Applications |
| **CAR Status** | In Progress |
| **Workflow History** | Start > Geosciences > Geography > College of Liberal Arts and Sciences |

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| **COURSE INFO** |
| **Type of Action** | Revise Course |
| **Is this a UNIV or INTD course?** | Neither |
| **Number of Subject Areas** | 2 |
| **Course Subject Area** | GSCI |
| **School / College** | College of Liberal Arts and Sciences |
| **Department** | Geosciences |
| **Course Subject Area #2** | GEOG |
| **School / College #2** | College of Liberal Arts and Sciences |
| **Department #2** | Geography |
| **Reason for Cross Listing** | overlap of course content between subject areas |
| **Course Title** | GIS and Remote Sensing for Geoscience Applications |
| **Course Number** | 4230 |
| **Will this use an existing course number?** | Yes |
| **Please explain the use of existing course number** | updated prerequisites to reflect new 1000 level course structure |

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| **CONTACT INFO** |
| **Initiator Name** | Christin A Donnelly |
| **Initiator Department** | Integrative Geoscience |
| **Initiator NetId** | cas05001 |
| **Initiator Email** | christin.donnelly@uconn.edu |
| **Is this request for you or someone else?** | Someone else |
| **Proposer Last Name** | Park Boush |
| **Proposer First Name** | Lisa |
| **Select a Person** | lbp14001 |
| **Proposer NetId** | lbp14001 |
| **Proposer Phone** | +1 860 486 4434 |
| **Proposer Email** | lisa.park\_boush@uconn.edu |
| **Does the department/school/program currently have resources to offer the course as proposed?** | Yes |

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| **COURSE FEATURES** |
| **Proposed Term** | Spring |
| **Proposed Year** | 2019 |
| **Will this course be taught in a language other than English?** | No |
| **Is this a General Education Course?** | No |
| **Number of Sections** | 1 |
| **Number of Students per Section** | 23 |
| **Is this a Variable Credits Course?** | No |
| **Is this a Multi-Semester Course?** | No |
| **Credits** | 3 |
| **Instructional Pattern** |  |

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| **COURSE RESTRICTIONS** |
| **Will the course or any sections of the course be taught as Honors?** | No |
| **Prerequisites** | GEOG 2300; or GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070. |
| **Corequisites** | N/A |
| **Recommended Preparation** | N/A |
| **Is Consent Required?** | No Consent Required |
| **Is enrollment in this course restricted?** | No |

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| **GRADING** |
| **Is this course repeatable for credit?** | No |
| **What is the Grading Basis for this course?** | Graded |

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| **SPECIAL INSTRUCTIONAL FEATURES** |
| **Do you anticipate the course will be offered at all campuses?** | No |
| **At which campuses do you anticipate this course will be offered?** | Storrs |
| **If not generally available at all campuses, please explain why** |  |
| **Will this course be taught off campus?** | No |
| **Will this course be offered online?** | No |

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| **COURSE DETAILS** |
| **Provide existing title and complete course catalog copy** | 4230. GIS and Remote Sensing for Geoscience Applications (Also offered as GEOG 4230.) Three credits. Prerequisite: GEOG 2300; or GSCI 1050; or GSCI 1051 and 1052. Ouimet Application of Geographic Information Systems, remote sensing, and image interpretation to problems in geoscience. Data acquisition, processing and analysis of Digital Elevation Models and satellite imagery. Geologic materials, processes, landforms and landscapes. |
| **Provide proposed title and complete course catalog copy** | 4230. GIS and Remote Sensing for Geoscience Applications (Also offered as GEOG 4230.) Three credits. Prerequisite: GEOG 2300; or GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070. Ouimet Application of Geographic Information Systems, remote sensing, and image interpretation to problems in geoscience. Data acquisition, processing and analysis of Digital Elevation Models and satellite imagery. Geologic materials, processes, landforms and landscapes. |
| **Reason for the course action** | updating prerequisites to reflect new 1000 level course structure |
| **Specify effect on other departments and overlap with existing courses** | N/A |
| **Please provide a brief description of course goals and learning objectives** | Over earth history landscapes have been created by geological processes. By analyzing modern geological landscapes we can deduce the processes that acted in the past to produce these landscapes as well as the processes that act upon them today. In this course, we will use Geographic Information Systems (GIS) and Remote Sensing to create and analyze spatial databases that describe the Earth's surface. This course will be a projectbased introduction to GIS, remote sensing, and image interpretation for geologic applications. A mixture of lecture and hands-on projects will explore the datasets (air photos, Digital Elevation Models, satellite imagery, land-use maps, geologic maps, etc.) and the methods (data acquisition and processing, landform recognition and digitization, image analysis, image classification, etc.) involved in making observations and developing interpretations regarding geologic materials, processes, landforms and landscapes. Case studies and project data will be drawn from the local New England landscape, as well as landscapes of interest to the students and professor. |
| **Describe course assessments** | homework, quizzes, final project |
| **Syllabus and other attachments** |

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| **Attachment Link** | **File Name** | **File Type** |
| [Course\_Info\_Sp18.pdf](https://forms.prod.uconn.edu/feb/secure/org/run/service/ContentStorageService/111540) | Course\_Info\_Sp18.pdf | Syllabus |

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| **COMMENTS / APPROVALS** |
| **Comments & Approvals Log** |

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| **Stage** | **Name** | **Time Stamp** | **Status** | **Committee Sign-Off** | **Comments** |
| Start | Christin A Donnelly | 01/29/2018 - 14:45 | Submit |  | updating prerequisites to reflect new 1000 level course structure |
| Geosciences | Lisa Park Boush | 01/29/2018 - 15:57 | Approve | ‎1‎/‎29‎/‎2018 | I approve of this request. |
| Geography | Carol Atkinson-Palombo | 01/30/2018 - 08:58 | Approve | 1/29/2018 | Approved by Geography C&C Committee |

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**2018-82 GSCI 4330 Revise Course**

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| **COURSE ACTION REQUEST** |
| **CAR ID** | 18-6209 |
| **Request Proposer** | Park Boush |
| **Course Title** | Active Tectonics |
| **CAR Status** | In Progress |
| **Workflow History** | Start > Geosciences > College of Liberal Arts and Sciences |

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| **COURSE INFO** |
| **Type of Action** | Revise Course |
| **Is this a UNIV or INTD course?** | Neither |
| **Number of Subject Areas** | 1 |
| **Course Subject Area** | GSCI |
| **School / College** | College of Liberal Arts and Sciences |
| **Department** | Geosciences |
| **Course Title** | Active Tectonics |
| **Course Number** | 4330 |
| **Will this use an existing course number?** | Yes |
| **Please explain the use of existing course number** | changing prerequisites to reflect new 1000 level course structure |

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| **CONTACT INFO** |
| **Initiator Name** | Christin A Donnelly |
| **Initiator Department** | Integrative Geoscience |
| **Initiator NetId** | cas05001 |
| **Initiator Email** | christin.donnelly@uconn.edu |
| **Is this request for you or someone else?** | Someone else |
| **Proposer Last Name** | Park Boush |
| **Proposer First Name** | Lisa |
| **Select a Person** | lbp14001 |
| **Proposer NetId** | lbp14001 |
| **Proposer Phone** | +1 860 486 4434 |
| **Proposer Email** | lisa.park\_boush@uconn.edu |
| **Does the department/school/program currently have resources to offer the course as proposed?** | Yes |

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| **COURSE FEATURES** |
| **Proposed Term** | Spring |
| **Proposed Year** | 2020 |
| **Will this course be taught in a language other than English?** | No |
| **Is this a General Education Course?** | No |
| **Number of Sections** | 1 |
| **Number of Students per Section** | 20 |
| **Is this a Variable Credits Course?** | No |
| **Is this a Multi-Semester Course?** | No |
| **Credits** | 3 |
| **Instructional Pattern** |  |

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| **COURSE RESTRICTIONS** |
| **Will the course or any sections of the course be taught as Honors?** | No |
| **Prerequisites** | : GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070; or GEOG 2300; or consent of instructor. |
| **Corequisites** | N/A |
| **Recommended Preparation** | Recommended preparation: GSCI 3020 and 3030.  |
| **Is Consent Required?** | No Consent Required |
| **Is enrollment in this course restricted?** | No |

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| **GRADING** |
| **Is this course repeatable for credit?** | No |
| **What is the Grading Basis for this course?** | Graded |

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| **SPECIAL INSTRUCTIONAL FEATURES** |
| **Do you anticipate the course will be offered at all campuses?** | No |
| **At which campuses do you anticipate this course will be offered?** | Storrs |
| **If not generally available at all campuses, please explain why** |  |
| **Will this course be taught off campus?** | No |
| **Will this course be offered online?** | No |

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| **COURSE DETAILS** |
| **Provide existing title and complete course catalog copy** | 4330. Active Tectonics Three credits. Prerequisite: GSCI 1050; or GSCI 1051 and 1052; or GSCI 1070 and 1052; or GEOG 2300; or consent of instructor. Recommended preparation: GSCI 3020 and 3030. Byrne 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. |
| **Provide proposed title and complete course catalog copy** | 4330. Active Tectonics Three credits. Prerequisite:GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070; or GEOG 2300; or consent of instructor. Recommended preparation: GSCI 3020 and 3030. Byrne 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. |
| **Reason for the course action** | updating prerequisites to reflect new 1000 level course configuration |
| **Specify effect on other departments and overlap with existing courses** | N/A |
| **Please provide a brief description of course goals and learning objectives** | 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. |
| **Describe course assessments** | Weekly readings,homework assignments, exams |
| **Syllabus and other attachments** |

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| **Attachment Link** | **File Name** | **File Type** |
| [Syllabus\_ActTectonics2018.pdf](https://forms.prod.uconn.edu/feb/secure/org/run/service/ContentStorageService/111537) | Syllabus\_ActTectonics2018.pdf | Syllabus |

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| **COMMENTS / APPROVALS** |
| **Comments & Approvals Log** |

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| **Stage** | **Name** | **Time Stamp** | **Status** | **Committee Sign-Off** | **Comments** |
| Start | Christin A Donnelly | 01/29/2018 - 14:32 | Submit |  | updating prerequisites to reflect new 1000 level course structure |
| Geosciences | Lisa Park Boush | 01/29/2018 - 15:58 | Approve | ‎1‎/‎29‎/‎2018 | I approve of this request. |

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**2018-83 GSCI/NRE 4735 Revise Course (CAHNR)**

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| **COURSE ACTION REQUEST** |
| **CAR ID** | 18-6212 |
| **Request Proposer** | Park Boush |
| **Course Title** | Introduction to Ground-Water Hydrology |
| **CAR Status** | In Progress |
| **Workflow History** | Start > Geosciences > Natural Resources and Environment > College of Liberal Arts and Sciences |

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| **COURSE INFO** |
| **Type of Action** | Revise Course |
| **Is this a UNIV or INTD course?** | Neither |
| **Number of Subject Areas** | 2 |
| **Course Subject Area** | GSCI |
| **School / College** | College of Liberal Arts and Sciences |
| **Department** | Geosciences |
| **Course Subject Area #2** | NRE |
| **School / College #2** | College of Agriculture, Health and Natural Resources |
| **Department #2** | Natural Resources and Environment |
| **Reason for Cross Listing** | overlap of contents |
| **Course Title** | Introduction to Ground-Water Hydrology |
| **Course Number** | 4735 |
| **Will this use an existing course number?** | Yes |
| **Please explain the use of existing course number** | updating prerequisites to reflect new 1000 level course structure |

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| **CONTACT INFO** |
| **Initiator Name** | Christin A Donnelly |
| **Initiator Department** | Integrative Geoscience |
| **Initiator NetId** | cas05001 |
| **Initiator Email** | christin.donnelly@uconn.edu |
| **Is this request for you or someone else?** | Someone else |
| **Proposer Last Name** | Park Boush |
| **Proposer First Name** | Lisa |
| **Select a Person** | lbp14001 |
| **Proposer NetId** | lbp14001 |
| **Proposer Phone** | +1 860 486 4434 |
| **Proposer Email** | lisa.park\_boush@uconn.edu |
| **Does the department/school/program currently have resources to offer the course as proposed?** | Yes |

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| **COURSE FEATURES** |
| **Proposed Term** | Fall |
| **Proposed Year** | 2018 |
| **Will this course be taught in a language other than English?** | No |
| **Is this a General Education Course?** | No |
| **Number of Sections** | 1 |
| **Number of Students per Section** | 45 |
| **Is this a Variable Credits Course?** | No |
| **Is this a Multi-Semester Course?** | No |
| **Credits** | 4 |
| **Instructional Pattern** |  |

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| **COURSE RESTRICTIONS** |
| **Will the course or any sections of the course be taught as Honors?** | No |
| **Prerequisites** | GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070. |
| **Corequisites** | N/A |
| **Recommended Preparation** | N/A |
| **Is Consent Required?** | No Consent Required |
| **Is enrollment in this course restricted?** | Yes |
| **Is it restricted by class?** | Yes |
| **Who is it open to?** | Junior,Senior,Graduate |
| **Is there a specific course prohibition?** | No |
| **Is credit for this course excluded from any specific major or related subject area?** | No |
| **Are there concurrent course conditions?** | No |
| **Are there other enrollment restrictions?** | No |

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| **GRADING** |
| **Is this course repeatable for credit?** | No |
| **What is the Grading Basis for this course?** | Graded |

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| **SPECIAL INSTRUCTIONAL FEATURES** |
| **Do you anticipate the course will be offered at all campuses?** | No |
| **At which campuses do you anticipate this course will be offered?** | Storrs |
| **If not generally available at all campuses, please explain why** |  |
| **Will this course be taught off campus?** | No |
| **Will this course be offered online?** | No |

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| **COURSE DETAILS** |
| **Provide existing title and complete course catalog copy** | 4735. Introduction to Ground-Water Hydrology (Formerly offered as GEOL 4735.) (Also offered as NRE 4135.) Four credits. Three class periods and one 3-hour laboratory for which occasional field trips will be substituted. Prerequisite: GSCI 1050; or GSCI 1051 and 1052; or instructor consent; open to juniors or higher. Robbins Basic hydrologic principles with emphasis on ground water flow and quality, geologic relationships, quantitative analysis and field methods. |
| **Provide proposed title and complete course catalog copy** | 4735. Introduction to Ground-Water Hydrology (Formerly offered as GEOL 4735.) (Also offered as NRE 4135.) Four credits. Three class periods and one 3-hour laboratory for which occasional field trips will be substituted. Prerequisite: GSCI 1050 or both GSCI 1052 and one of GSCI 1010 or GSCI 1051 or GSCI 1055 or GSCI 1070 or GEOG 1070; or instructor consent; open to juniors or higher. Robbins Basic hydrologic principles with emphasis on ground water flow and quality, geologic relationships, quantitative analysis and field methods. |
| **Reason for the course action** | updating prerequisites to reflect new 1000 level course structure |
| **Specify effect on other departments and overlap with existing courses** | crosslisted with NRE |
| **Please provide a brief description of course goals and learning objectives** | In this course you will learn basic hydrologic principles and concepts related to ground water flow and quality. Through the lectures and discussion, hands-on field work, and computer analyses, you will develop the skills to perform key hydrogeologic field tests and quantitative analyses. The skills and knowledge you will gain are applicable in performing scientific and engineering studies that relate to evaluating ground water resources, ground water contamination, and the design and construction of engineered structures. |
| **Describe course assessments** | exams, homework, labs |
| **Syllabus and other attachments** |

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| **Attachment Link** | **File Name** | **File Type** |
| [syllabus2017.pdf](https://forms.prod.uconn.edu/feb/secure/org/run/service/ContentStorageService/111549) | syllabus2017.pdf | Syllabus |

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| **COMMENTS / APPROVALS** |
| **Comments & Approvals Log** |

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| **Stage** | **Name** | **Time Stamp** | **Status** | **Committee Sign-Off** | **Comments** |
| Start | Christin A Donnelly | 01/29/2018 - 15:07 | Submit |  | updating prerequisites to reflect new 1000 level course structure |
| Geosciences | Lisa Park Boush | 01/29/2018 - 15:56 | Approve |  | I approve of this request. |
| Natural Resources and Environment | Thomas H Meyer | 01/30/2018 - 08:28 | Approve | 1/30/2018 | This is a change to the pre-requisites initiated by GSCI to "clean up" the undergraduate pathway through their curriculum. Robbins is the affected instructor, and he approves of the changes. |

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