Geographic Information Systems Special Instructor

Below you will find the details for the position including any supplementary documentation and questions you should review before applying for the opening. To apply for the position, please click the Apply for this Job link/button.

If you would like to bookmark this position for later review, click on the Bookmark link. If you would like to print a copy of this position for your records, click on the Print Preview link.

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Please see Special Instructions for more details.

Application materials consist of the following: Cover letter, CV, Statement of Teaching Philosophy, Names and contact information for four references, transcripts (unofficial are acceptable). References will not be contacted without prior approval of applicants.

Posting Details

Posting Detail Information

Working Title
Geographic Information Systems Special Instructor

Posting Number
201700232F

Proposed Annual Salary Range
$60,336 - $67,152

Position Type
Faculty

Work Hours/Week
40

Description of Work Unit
The Ecosystem Science and Sustainability department is closely associated with the Natural Resource Ecology Laboratory. We are recognized for interdisciplinary research in ecosystem function and ecosystem sustainability, such as sustainability of water, food, and energy systems from technological, social-ecological, and modeling perspectives. ESS faculty whose research lies at the interface of biophysical and social sciences have created open and flexible research and education programs with issues of sustainability as the core focus.
The Department offers a B.S. in Ecosystem Science and Sustainability and a B.S. Watershed Science as well as an M.S. in Watershed Science and a Masters in Greenhouse Gas Management and Accounting. Faculty members may also direct graduate students in the interdisciplinary Graduate Degree Program in Ecology and the Watershed concentration of the Earth Science PhD. The Department has in excess of 300 undergraduate students and 75 graduate students.

Tenure/Tenure Track?
No

% Research
0

% Teaching
80

% Service
20

% Administration
0

Open Posting Date

Open Until Filled
Yes

To ensure full consideration, applications must be received by 11:59pm (MT) on 08/27/2017

Number of Vacancies
1

Desired Start Date
01/01/2018

Position End Date

Position Summary

The Warner College of Natural Resources at Colorado State University (CSU) invites applications for the position of Special Instructor. The position is full-time at the academic rank of Instructor (non-tenure track). The start date is January 1, 2018.
The College is seeking a dynamic and committed instructor to deliver superior undergraduate education in GIS and remote sensing to our rapidly growing enrollment of undergraduate students. The special instructor will teach 6 to 7 courses per academic year. Initially the courses will primarily consist of junior (300-level) courses in GIS and Remote Sensing, with potential to teach and develop advanced courses.

Initially the division of responsibilities for this position are 80% teaching and 20% service. This distribution may be altered to accommodate changes in college and university policies and goals. However, any changes must be approved by the Associate Dean for Academic Affairs and the Dean of the college, following discussion with the special instructor. This is a non-tenure track appointment on a three-year renewable contract. Position will be supervised by the College GIS Coordinator.

Required Job Qualifications

MS in Ecology, Forestry, Natural Resources or related field with an emphasis in GIS or remote sensing.

Prior teaching experience at the college or university level.

Experience in both classroom and distance education teaching.

Knowledge of GIS and remote sensing software packages, python languages, GIS development environments, and web GIS technologies.

Advanced skills in GIS programming, web GIS, open source GIS, or other GIST programming.

Strong communication skills in English and the capacity to communicate effectively with diverse constituencies.

Preferred Job Qualifications

PhD in related field.

Proven ability to work collaboratively in a team-oriented environment.

Experience teaching in a fully online or hybrid distance education formats.

Experience with the professional GIS community and university outreach

Demonstrated commitment to diversity and inclusion in the department, college, and the university.

Special Instructions to Applicants

Application materials consist of the following:

Cover letter, CV, Statement of Teaching Philosophy, Names and contact information for four references, transcripts (unofficial are acceptable).

References will not be contacted without prior approval of applicants.

Background Check Policy Statement

Colorado State University (CSU) strives to provide a safe study, work, and living environment for its faculty, staff, volunteers and students. To support this environment and comply with applicable laws and regulations, CSU conducts background checks. The type of background check conducted varies by
position and can include, but is not limited to, criminal (felony and misdemeanor) history, sex offender registry, motor vehicle history, financial history, and/or education verification. Background checks will be conducted when required by law or contract and when, in the discretion of the university, it is reasonable and prudent to do so.

EEO Statement

Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity or expression, or pregnancy and will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.

The Title IX Coordinator is the Executive Director of the Office of Support and Safety Assessment, 123 Student Services Building, Fort Collins, CO 80523-2026, (970) 491-7407.

The Section 504 and ADA Coordinator is the Executive Director of Human Resources and Equal Opportunity, Office of Equal Opportunity, 101 Student Services Building, Fort Collins, CO 80523-0160, (970) 491-5836.

Diversity Statement

Reflecting departmental and institutional values, candidates are expected to have the ability to advance the Department’s commitment to diversity and inclusion.

Search Contact

Michael Falkowski Michael.Falkowski@colostate.edu

Essential Duties

Job Duty Category

Teaching

Duty/Responsibility

• Prepare and deliver lectures, labs, assignments, and other course materials that meet university and college-level curriculum expectations. Continuously improve materials that are associated with the courses to which the instructor is assigned.

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• Assist with the development and advancement of the geospatial curriculum across the college.

• Evaluate student’s understanding of the curriculum with exams, quizzes, and other assessments. Maintain up to date feedback on student performance and progress throughout the semester, and assign student grades at the end of the semester.

• Supervise graduate and undergraduate teaching assistants that teach labs and provide help to students. Train and mentor teaching assistants and helpers, assign teaching schedules, and lead weekly group meetings.

• Publish and maintain office hours and respond to student inquiries in a timely manner.

• Coordinate with department mentor/ academic advisors for students that are struggling with courses and connect the students to available resources and services.

• Learn university-licensed and third-party software used within the department, including Canvas learning management system.

Develop expertise and contribute to the software tools and process maintained by the department, including course websites, submission tools, automated grading framework, and associated scripts.

Percentage Of Time
80

Job Duty Category
Service

Duty/Responsibility

• Review department curriculum and provide feedback to the undergraduate curriculum committee on options for textbooks and other materials to keep materials currents and fulfill the curriculum objectives.

Contribute to the update and maintenance of the College’s minor in Geospatial Information Systems.

• Support the diversity efforts in the College by respecting and encouraging all students and providing fair and equal access to all students.

Percentage Of Time
20

References Requested
Minimum Requested
4

Maximum Requested
4

Supplemental Questions

Required fields are indicated with an asterisk (*).

* Do you have an MS in Ecology, Forestry, Natural Resources or related field with an emphasis in GIS or remote sensing?
  Yes
  No

* Do you have prior teaching experience at the college or university level?
  Yes
  No

* Do you have experience in both classroom and distance education teaching?
  Yes
  No

* Do you have knowledge of GIS and remote sensing software packages, python languages, GIS development environments, and web GIS technologies?
  Yes
  No

* Do you have advanced skills in GIS programming, web GIS, open source GIS, or other GIST programming?
  Yes
  No

* Do you have strong communication skills in English and the capacity to communicate effectively with diverse constituencies?
  Yes
  No

Applicant Documents

Required Documents
Cover Letter
Curriculum Vitae
Unofficial Transcripts
Statement of Teaching Philosophy