

GRAD-GRADUATE COLLEGE

GRAD 5000 Concurrent Students at OUHSC 0 Credit Hours

Prerequisite: graduate standing. OU students concurrently enrolled at OUHSC. (F, Sp, Su)

GRAD 5003 Oklahoma Scholar-Leadership Enrichment Program Graduate Seminar 3 Credit Hours

Prerequisite: graduate standing. May be repeated with change of content; maximum credit 12 hours. An interdisciplinary seminar variable in content changing with each seminar. Seminars are led by prominent national and international scholars and leaders coordinated with a current faculty member in their area of expertise. Emphasis is on enrichment and exploration with scholars to investigate ideas and issues affecting the future of humanity. (F, Sp)

GRAD 5103 Interdisciplinary EOS3 3 Credit Hours

Prerequisite: Graduate Standing. Earth Observation Science for Society and Sustainability (EOS3) is an interdisciplinary certificate program consisting of a four-course certificate (Interdisciplinary EOS3, EOS3 Data Analytics, EOS3 Interface, and EOS3 Practicum) designed to provide students with advanced training in interdisciplinary communication, leadership, and data science skills. This course serves as the introduction to Interdisciplinary EOS3 and the processes by which effective science team are formed and become productive. Students will gain experience in working with interdisciplinary teams to leverage their disciplinary expertise and work with those with other expertise to address societal concerns. (F)

GRAD 5203 EOS3 Data Analytics 3 Credit Hours

Prerequisite: graduate standing. Focuses on using large, open-source civil Earth observation and other geospatial data. Introduces students to various open-source data tools for acquiring, managing, and analyzing large public data sets. Students will work in interdisciplinary teams to fuse disparate data and conduct analyses that meld ideas from natural and social science disciplines. The student teams will be comprised of members with varied skill sets to establish a culture of collaborative teaching and learning. (F)

GRAD 5303 EOS3 Interface 3 Credit Hours

Prerequisite: graduate standing. EOS3 Interface focuses on interdisciplinary communication, the application of group communication theories to team science, and the communication of science across societal and cultural gaps. Theory, scholarship, and applications of group and organizational communication will be discussed within this context. In addition, the course will cover how socio-cultural differences affect communication, with a focus on how those affect the communication of scientific and technical information across disciplines and to the lay public and policymakers. (Sp)

GRAD 5403 EOS3 Practicum 3 Credit Hours

Prerequisite: graduate standing. The EOS3 practicum is the culminate of the certificate program and will allow students to apply what they have learned in their previous coursework while working as part of a collaborative and interdisciplinary team tasked with addressing real world research topics relating to the EOS3 theme. (Sp)

GRAD 5940 Professional Master's Practicum/Internship 1-5 Credit Hours

1 to 5 hours. Prerequisite: graduate standing and permission of instructor. May be repeated once; maximum credit five hours. Provides a practicum or internship experience for students in the professional master's degree program. The students will apply the knowledge from their core academic discipline (e.g. science, engineering, education, fine arts) in an appropriate supervised professional setting (e.g. business, public administration, international programs) to provide a valid experience related to the core discipline and career context of their professional masters degree. The internship/practicum will serve as the culminating experience for the degree. (F, Sp, Su)

GRAD 5980 Research for Master's Thesis 2-9 Credit Hours

Variable enrollment, two to nine hours; maximum credit applicable toward degree, four hours. (F, Sp, Su)

GRAD 5990 Graduate Special Topics 1-4 Credit Hours

1 to 4 hours. Prerequisite: graduate standing and permission of instructor. May be repeated with change of topic; maximum credit twelve hours. Selected topics in graduate areas not usually covered in traditional courses. For any particular section there may be additional prerequisites required. (F, Sp, Su)

GRAD 6980 Research for Doctoral Dissertation 2-12 Credit Hours

2 to 12 hours. Prerequisite: Graduate standing and permission of instructor or Graduate College; may be repeated. Directed research culminating in the completion of the doctoral dissertation. (F, Sp, Su)

GRAD 6990 Graduate Advanced Special Topics 1-4 Credit Hours

1 to 4 hours. Prerequisite: graduate standing and permission of instructor. May be repeated with change of content; maximum credit twelve hours. Selected advanced topics in graduate areas not usually covered in traditional courses. For any particular section there may be additional prerequisites required. (F, Sp, Su)