

GEOSCIENCES (GEOS)

GEOS 810 Teaching & Learning in Post-Secondary Science Education

Prerequisites: One semester of teaching a college level science, technology, engineering, or mathematics course.

Notes: This course is designed for graduate students, postdoctoral researchers, and others who teach at the college level. Students may seek permission from instructor to enroll in the course concurrent with their first semester of teaching.

Description: Integrate learning theories, pedagogy, and evidence-based practices to promote student learning in science, technology, engineering, and mathematics (STEM) courses in post-secondary education.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Grade Pass/No Pass Option

GEOS 811 STEM Education Seminar

Crosslisted with: NRES 841

Prerequisites: Graduate student in a science, technology, engineering, or mathematics (STEM) discipline

Notes: This seminar is designed for graduate students interested in STEM education in formal or informal environments with children or adult learners.

Description: Acquire familiarity with the broad range of current STEM education research, outreach, and other activities taking place at UNL and across the nation in order to build a larger context for and connections to one's own STEM research and activities.

Credit Hours: 1-3

Min credits per semester: 1

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Grade Pass/No Pass Option

GEOS 898 Special Problems in Geosciences

Prerequisites: 12 hours geosciences

Credit Hours: 1-6

Min credits per semester: 1

Max credits per semester: 6

Max credits per degree: 24

Grading Option: Grade Pass/No Pass Option

GEOS 899 Masters Thesis

Prerequisites: Admission to masters degree program and permission of major adviser

Credit Hours: 1-10

Min credits per semester: 1

Max credits per semester: 10

Max credits per degree: 99

Grading Option: Grade Pass/No Pass Option

GEOS 900 Professional Development in Geosciences

Description: Professional skills. Time management, laboratory and field safety, abstract writing, proposal writing, grantsmanship, and presentations. The philosophy and ethical conduct of science.

Credit Hours: 2

Max credits per semester: 2

Max credits per degree: 2

Grading Option: Grade Pass/No Pass Option

GEOS 996 Research Other Than Thesis

Prerequisites: Permission

Credit Hours: 1-24

Min credits per semester: 1

Max credits per semester: 24

Max credits per degree: 24

Grading Option: Grade Pass/No Pass Option

GEOS 999 Doctoral Dissertation

Prerequisites: Admission to doctoral degree program and permission of supervisory committee chair

Credit Hours: 1-24

Min credits per semester: 1

Max credits per semester: 24

Max credits per degree: 99

Grading Option: Grade Pass/No Pass Option