GEOLOGY (GEOL)

Courses

GEOL 5405. Gr Geochem of Natural Waters. 3 Credits.
Basic concepts of chemical equilibria applied to natural waters, including thermodynamics, pH, oxidation-reduction, weathering, and solution equilibria. Prerequisite: Graduate student.

GEOL 5990. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

GEOL 6391. Master’s Thesis Research. 1-9 Credits.
Research for the Master’s Thesis.

GEOL 6400. Topics in Envt & Surface Geo. 1-3 Credits.
Exploration of geologic constraints on environmental problems such as groundwater flow, contaminant transport, slope stability, climate change, sedimentation, deforestation, and earthquake hazards. Extensive readings and student-led discussions. May repeat for credit with different content. Topics vary by offering; periodic offering at intervals that may exceed four years. Prerequisite: Graduate student in science, natural resources, or engineering.

GEOL 6990. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

GEOL 6991. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

GEOL 6993. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

GEOL 6994. Teaching Assistantship. 1-3 Credits.
Student service as a teaching assistant, usually in an introductory level course in the discipline, for which credit is awarded. Offered at department discretion.

GEOL 6995. Graduate Independent Research. 1-18 Credits.
Graduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.