

GEOLOGY

Geology Electives: Geology electives may be selected from the following groups of courses with **NO MORE THAN 4** hours coming from group B.

GEOL Group A Electives:

GEOL 4210 Economic Geology
GEOL 4260 Geochemistry
GEOL 5060 Invertebrate Paleontology
GEOL 5100 Hydrogeology
GEOL 5300 Basin Analysis
GEOL 5600 Applied Geophysics

GEOL Group B Electives:

GEOL 3060 Lunar and Planetary Geology
GEOL 3300 Dinosauria
GEOL 4930 Actualistic Paleontology
GEOL 4930 Ichnology
GEOL 4930 Carbonate Depositional Systems
GEOL 4930 Unspecified Directed Study (no more than 2 hours)
GEOL 4980 Unspecified Research Methods (no more than 2 hours)

Technical Electives: The following courses are approved. Other courses may be permitted with prior approval of the GEOL advisor. Students must meet with their Geology advisor and have technical electives approved in advance. An approval form must be on file in the Dean's office in order to be cleared for graduation.

AERO 3040, 5320
AGRN 3040, 3100, 5000, 5080, 5150, 5300
ANTH any 2000+ course
BIOL 2015, 2415, 2420, 2425, 3030, 3060, 3075, 3200, 4010, 4020
CIVL 2010, 3210, 3310, 3120, 4210, 4310, 5330, 5340
CHEM 2070, 3050, 3200, any 3000-5000 course
COMP 2200, 2210, any 2000-3000 course
GEOG any 3000-5000 course
MATH any 2000-5000 course
MECH any 3000-5000 course
PHYS any 2000-5000 course
STAT any 2000-5000 course

COSAM Science Majors Curriculum Sheet Option:

The following two course series is recommended as electives for those students seriously considering a career in teaching in secondary schools (grades 6-12) or junior colleges. These courses can be applied towards the alternative fifth year masters degree for becoming a licensed science teacher. Please contact the secondary science education program coordinator in the Department of Curriculum and Teaching for more information and permission to take these courses. Seating is limited each semester.

*CTSE 4090: Science Methods I (fall term)

OR

*CTSE 4100: Science Methods II (spring term)

RSED 5000: Study of Exceptionality

*Pre-requisite requirement: 2.5 'un-gapped' grade point average in science and 2.5 'un-gapped' overall grade point average; commitment to an eight hour weekly field component in local schools