

Course Planning Guide, Geology

The Geology concentration provides graduates with the abstract, logical reasoning, spatial, and quantitative skills to qualify for professional licensure to practice geology in Tennessee and Kentucky. Graduates are prepared for and the program's records demonstrates the ability of our graduates to enter graduate school and professional positions in environmental, hydrogeologic, and natural resource fields within the private and public sectors anywhere in the United States. Students should consult with an advisor to determine approved substitutions for courses below. University core requirements must be fulfilled.

<p>Geosciences Core GEOL1040 Physical Geology (4 hours) GEOG 1010 Physical Geography (3 hours) GEOG 3150 Geographic Information Systems I (4 hours) GEOL 3060 Quantitative Geosciences (4 hours) CHEM 1110 General Chemistry (5 hours)</p>	<p>Allied sciences (choose two) BIOL 1110 Principles of Biology (4 hours) BIOL 3060 Animal Diversity (4 hours) BIOL 4080 General Ecology (4 hours) PHYS 2010 College Physics (5 hours) PHYS 2020 College Physics (5 hours) PHYS 2110 University Physics (5 hours) PHYS 2120 University Physics (5 hours)</p>
<p>Geology Core GEOL 1050 Historical Geology (4 hours) GEOL 3000 Structural Geology (4 hours) GEOL 3002 Structure Field Practicum (1 hour) GEOL 3100 Stratigraphy and Sedimentation (4 hours) GEOL 3500 Mineralogy (4 hours) GEOL 3600 Petrology (4 hours) GEOL 4250 Hydrogeology (4 hours) GEOL 4910 Invertebrate Paleontology (4 hours) GEOL 4995 Seminar in Geosciences Communication (2 hours) MATH 1730 Precalculus (4 hours) CHEM 1120 General Chemistry II (5 hours)</p>	<p>Electives GEOL 3030 Environmental Geology (4 hours) GEOL 3680 Principles of Geochemistry (3 hours) GEOL 4050 Process Geomorphology (4 hours) GEOL 4100 Seminar in Tectonics (3 hours) GEOL 4450 Economic Geology (4 hours) GEOL 4920 Advanced Paleontology (3 hours) GEOL 4990 Field Geology (6 hours) GEOL 450ABC Student Project (3 hours) GEOL 455ABC Seminar in Earth Science (3 hours) MATH 1910 Calculus and Analytical Geometry (5 hours)</p>

Course Selection Worksheet

CRN	Subject	Crs #	Sec #	Credits	Time	Mon	Tues	Wed	Thurs	Fri	Sat	Location

- Fall Spring Summer I Summer II Year _____
 Summer 3 Spring I Spring II Fall I Fall II Maymester

Student Name: _____ ID: _____

Advisor Signature _____ Alternate PIN: _____

Advisor Comments: _____

For more information on the Geosciences department, please visit: <http://www.apsu.edu/geosciences/index.html>

Department of Geosciences Phone Number: (931) 221-7454

Undergraduate Bulletin URL: <http://www.apsu.edu/records/bulletin/0708/UndergradBulletin07-08.pdf>

Geology: Undergraduate Bulletin 2007-2008 p. 184

Geology class descriptions: Undergraduate Bulletin 2007-2008 p. 311-314