

**A – MINOR REQUIREMENTS – 18 HOURS (10 advanced)**

*Choose from:*

GEOL 1403 Physical Geology  
GEOL 1404 Historical Geology  
GEOL 2271 Field Methods  
GEOL 3288 Lab Exp Teaching Geology  
GEOL 4411 Introduction to Geographic Information Systems  
GEOL 3402 Hydrologic Systems  
GEOL 3401 Geomorphology  
GEOL 3405 Oceanography  
GEOL 4403 Sedimentology & Stratigraphy  
GEOL 3411 Mineralogy  
GEOL 3412 Petrology  
GEOL 3421 Structural Geology  
GEOL 4302 Environmental Geology  
GEOL 4309 Undergraduate Research Geoscience  
GEOL 4385 Special Topics in Geology  
GEOL 4408 Applications of Geographic Information Systems  
GEOL 4471 Field Geology

*With approval from Department Chair, additional GEOL or GEOG courses may be accepted.*