

# BA in Geosciences

2018-2019

Sample curriculum for a Geology concentration with a minor in Geography

Fall 14 hours GEOL 1303 +1101 Physical and lab 4 CHEM 1307 +1107 Princ of Chem 4 MATH elective 3 HIST 2300 US Hist pre 1877 3	Spring 16 hours GEOL 2401 Historical Geol+ lab 4 MATH 1321 Trigonometry 3 HIST 2301 US Hist post 1877 3 ENG 1301 3 GIST 3300 Geographic Information Sci 3
Fall 16 hours GEOL 3401 Mineralogy 4 PHYS 1403 4 GEOL 2101 undergraduate seminar 1 Individual and Group + multicultural 3 Oral Communication 3 PFW 11xx 1	Spring 15 hours GEOS 3321 Ig and Meta Petrology 3 POLS 1302 3 F. Language 3 hrs 3 ENG 1302 3 Creative Arts 3
Fall 14 hours GEOL 3402 Structure 4 GEOS elective jr/sr 3 F. Language 3hrs 3 POLS 2306 3 PFW 11xx 1	Spring 15 hours GEOS elective (lab) jr/sr 3 ENG LIT 3 GIST 4312 3 LPC 3 GIST 4304 Advanced GIS 3
Fall 15 hours GEOS elective (lab) jr/sr 3 Creative Arts 3 GIST 4308 Cartographic Design 3 GIST 4302 Spatial Data Analysis 3 Social and Behavioral Sci 3	Spring 15 hours GEOS elective jr/sr 3 ENG LIT 3 IND and GRP 3 GIST 4310 3 LPC 3

Electives with labs:

GEOL 3301 Geomorphology  
 GEOL 3325 Sedimentary Petrology  
 GEOL 4327 Sedimentary Process and Stratigraphy  
 GEOL 4331 Digital Imagery  
 GEOL 4362 Adv Structure  
 GEOL 4310 Planetary Geology  
 GEOL 4321 Igneous and Metamorphic Process

Elective without labs

GCH 3303 Intro to Geochemistry  
 GCH 4308 Mineral Sciences  
 GEOL 3322 Oceanography  
 GEOL 3323 Environmental Geology  
 GEOL 4306 Petroleum Systems  
 GEOL 4312 Undergraduate Research  
 GEOL 4318 Geology of Texas  
 GEOL 4370 Hydrogeology  
 GPH 3300 Geophysics

