

## B.S. in Geology

[Overview](#)

[Degree Requirements](#)

### Description

The B.S. degree in geology prepares a student for a productive career as a professional geologist engaged in continuous professional growth along his or her chosen career path, or prepares a student for admission into a graduate degree program or professional school.

### Minimum Total Credit Hours: 124

#### General Education Requirements

Writ 101 (or 100), 102 (or Liba 102), and 250; Spch 102 or 105; Econ 310; an additional 6 hours of social science; an additional 6 hours of humanities; 3 hours of fine arts. Social science, humanities, and fine arts are defined under the General Education Requirements of the School of Engineering.

#### Course Requirements

A major in geology for the B.S. degree consists of at least 58 hours of geology, geological engineering, and engineering courses, including Geol 102, 103, 105, 221, 222, 303, 305, 314; G E 234, 437, 450 and 470; Engr 340 and 310 (or 453); either G E 405 or 503; and two additional Geol/G E/ or Engr classes at the 300 level or above. An additional 8 hours are required for a minimum of 124 credits total.

Required related subjects are three of the following four courses: Math 125, 261, 262, and 263 (a combination of Math 121 and 123 may be substituted for Math 125); Chem 105, 106, 115, 116; Phys 213, 214, 223, 224; and Csci 111 or 251.

#### Other Academic Requirements

All seniors are required to take the ASBOG Fundamentals of Geology examination as administered by the Mississippi State Board of Registered Professional Geologists.

