Flowchart for Core BS Geosciences Courses: GEOLOGY Emphasis, 2019-2020 Catalog

prerequisites indicated by arrows

This chart shows only the required core BS Geosciences courses and prerequisites. Additional courses are needed for graduation. Please consult the Undergraduate Catalog and meet with your advisor to craft a plan for degree completion. Course prerequisites and degree requirements are subject to change.

**MATH 108 or appropriate placement exam score**

**MATH 143 and MATH 144 or appropriate placement exam score**

- **MATH 254** Applied Statistics
  - **GEOG 360** Intro to GIS
  - **ENGL 102** English Comp
  - **GEOL 101** Physical Geology OR **GEOS 101** Global Environmental Science
    - **GEOS 212** Water in the West (Spring)
    - **GEOS 200** Evolution W. North America (Fall)
    - **GEOS 220** Seeing the Unseen (Fall)

- **CHEM 111/111L** General Chemistry I
  - **CHEM 112/112L** General Chemistry II
  - **MATH 170** Calculus I
  - **PHYS 211/211L** Physics I w/Calculus
  - **PHYS 212/212L** Physics II w/Calculus

- **MATH 175** Calculus II
  - **PHYS 111** General Physics I
  - **PHYS 112** General Physics II

- **GEOG 300** Earth Materials (Fall)
  - **GEOS 313** Geomorphology (Spring)
  - **GEOS 314** Structural Geology (Spring)
  - **GEOS 425** Whole Earth Geochemistry (Fall)
  - **GEOS 357** Computation in Geoscience (Spring)
  - **GEOS 355** Sedimentation/Stratigraphy (Fall)
  - **GEOS 345** Igneous/Met. Petrology (Spring)
  - **GEOS 324** Petrography (Spring)

- **ENGL 102** English Comp
  - **declared major**
  - **GEOS 200** or **GEOS 212**
  - **GEOPH 201** pre- or coreq

- **last updated March 18, 2019 by K. Viskupic Boise State University**

Approved geology field camp (see department advisor)