

GEOLOGY MINOR Course Checklist

Minor in Geology: 27-28 Semester Hours

Effective for New Students beginning Fall 2018

Students must make a grade of "C" or better in all pre-requisite courses.

REQUIRED: (19-20 hours)

- ___ **MATH 1317 Plane Trigonometry**, (Prerequisite: MATH 1315 with a grade of C or higher, Accuplacer College Mathematics score of 86 or more, or Compass College Algebra score of 46 or more.)
- OR **MATH 2321 Calculus for Life Sciences I** (Prerequisite: MATH 1315 with a grade of C or higher, ACT Mathematics score of 24 or more, SAT Mathematics score of 520 or more, SAT Math Section score of 550 or more, Accuplacer College Mathematics score of 86 or more, or Compass College Algebra score of 46 or more.),
- OR **MATH 2417 Pre-Calculus Mathematics** (Prerequisite: MATH 1315 with a grade of C or higher, ACT Mathematics score of 24 or more, SAT Mathematics score of 520 or more, SAT Math Section score of 550 or more, Accuplacer College Mathematics score of 86 or more, or Compass College Algebra score of 46 or more.)

- ___ **GEOL 1410 Introduction to Physical Geology**
- ___ **GEOL 1420 Historical Geology** (Prerequisite: GEOL 1410 with a grade "C" or higher)
- ___ **GEOL 3450 Earth Materials** (Prerequisite: GEOL 1410, GEOL 1420 and MATH 1317, 2321 or 2417 with grades of "C" or higher)

- ___ One course from either **GEOL 3410 Sedimentation & Stratigraphy – Spring Only** (prerequisite: GEOL 3450 w/grade of "C" or higher) OR **GEOL 3430 Structural Geology – Fall Only** (prerequisite: GEOL 1410, 1420, and MATH 1317 or 2321, 2417 with grades of "C" or higher),

ELECTIVES (8 hours):

- ___ **GEOL 4330A/GEOL 4121 Intro to Petroleum Geology – Fall Only** (Co-Requisite: GEOL 4121 Directed Studies/Lab; Prerequisite: GEOL 1410 and GEOL 1420 with grades of "C" or higher.)
- ___ **GEOL 4330C/GEOL 4121 Survey of Economic Mineral Deposits – Check w/Advisor for schedule** (Co-Requisite: GEOL 4121 Directed Studies/Lab; Prerequisite: GEOL 3450 with grade of "C" or higher.)
- ___ **GEOL 4330D/GEOL 4121 Tectonic and Geology of the USA - Check w/Advisor for schedule** (Co-Requisite: GEOL 4121 Directed Studies/Lab; Prerequisite: GEOL 1410 and GEOL 1420 with grade of "C" or higher.)
- ___ **GEO 3425 Geomorphology** (Prerequisite: GEO 2410 or GEOL 1410 with grade of "C" or higher.)
- ___ **GEOL 4421 Hydrogeology – Spring Only (WI)** (prerequisite: GEOL 1420 and MATH 1317, 2321, or 2417 with grades of "C" or higher.)

- ___ **GEOL 3410 OR GEOL 3430 – Cannot be the same course taken for core course credit.** (See prerequisites in core section.)

For Geology Minor and Course Information Contact:

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For course offerings consult online class schedule: <https://ssb.txstate.edu>