Flowchart for Core BS Geosciences Courses: Geophysics Emphasis, 2014-2015 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 144 or appropriate placement exam score

ENGL 102 English Comp

declared major plus GEOS 200 or GEOS 212 or GEOPH 201

CS 115 Intro to C
OR
CS 117 Intro to C++
OR
CS 119 Intro to JAVA

MATH 170 Calculus I

MATH 175 Calculus II

MATH 275 Multivariable and Vector Calculus

MATH 277 Differential Equations

MATH 333 Intro to Computational Mathematics

MATH 365 Intro to Computational Mathematics

CHEM 112/112L General Chemistry II

CHEM 111/111L General Chemistry I

CHEM 112/112L General Chemistry II

MATH 254 Applied Statistics

GEOS 100 Fundamentals of Geology OR GEOS 101 Global Environmental Science

GEOS 200 Evolution W. North America (Fall)

GEOS 200 Evolution W. North America (Fall)

GEOS 200 Evolution W. North America (Fall)

GEOS 212 Water in the West (Fall)

GEOS 222 Water in the West (Fall)

GEOS 242 Communication in Earth Sciences

GEOS 300 Earth Materials (Fall)

GEOS 313 Structural Geology (Spring)

GEOS 314 Geomorphology (Spring)

GEOS 315 Sedimentation/Stratigraphy (Fall)

GEOPH 100 Geophysics

GEOPH 201 Seeing the Unseen (Spring)

GEOPH 201 Seeing the Unseen (Spring)

GEOPH 201 Seeing the Unseen (Spring)

GEOPH 201 Seeing the Unseen (Spring)

GEOPH 420 Geoph Signal Processing (Fall)

Approved field camp (see department advisor)

last updated April 25, 2014
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