Flowchart for Core BS Geosciences Courses: GEOPHYSICS Emphasis, 2018-2019 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 254
Applied Statistics

GEOS 100 Fundamentals of Geology
OR
GEOS 101 Global Environmental Science

GEOS 212 Water in the West (Fall)

GEOS 200 Evolution W. North America (Fall)

GEOS 220 Seeing the Unseen (Spring)

CHEM 111/111L General Chemistry I

CHEM 112/112L General Chemistry II

MATH 143 and MATH 144 or appropriate placement exam score

MATH 170 Calculus I

CS 117 Intro to C++

MATH 175 Calculus II

PHYS 211/211L Physics I w/Calculus

PHYS 212/212L Physics II w/Calculus

CHEM 112/112L General Chemistry II

MATH 275 Multivariable and Vector Calculus

MATH 254
Applied Statistics

ENGL 102
English Comp
decided major plus GEOS 200 or GEOS 212 or GEOPH 201

GEOS 242 Communication in Earth Sciences (Spring)

GEOS 313 Structural Geology (Spring)

GEOS 242 Communication in Earth Sciences (Spring)

ENGL 102 English Comp

GEOS 315 Sedimentation/Stratigraphy (Fall)

GEOS 220 Seeing the Unseen (Spring)

GEOS 314 Structural Geology (Spring)

GEOS 300 Earth Materials (Fall)

GEOS 315 Sedimentation/Stratigraphy (Fall)

GEOS 300 Earth Materials (Fall)

GEOS 498 Senior Seminar (Spring, major with senior standing)

GEOS 498 Senior Seminar (Spring, major with senior standing)

Approved field camp (see department advisor)

Approved field camp (see department advisor)

GEOS 357 Computation in Geoscience (Fall)

GEOS 357 Computation in Geoscience (Fall)

GEOS 343 Applied Geophysics (Spring)

GEOS 343 Applied Geophysics (Spring)

GEOS 420 Geoph Signal Processing (Fall)

GEOS 420 Geoph Signal Processing (Fall)

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