Flowchart for Core BS Geosciences Courses: HYDROLOGY 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 254
Applied Statistics

GEOL 101 Physical Geology
OR
GEOS 101 Global Environmental Science

MATH 108 or appropriate placement exam score

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 143 and MATH 144 or appropriate placement exam score

CHEM 111/111L General Chemistry I

CHEM 112/112L General Chemistry II

MATH 170 Calculus I

MATH 175 Calculus II

PHYS 211/211L Physics I w/Calculus
OR
PHYS 111 General Physics I

PHYS 212/212L Physics II w/Calculus
OR
PHYS 112 General Physics II

GEOS 242 Communication in Earth Sciences (Spring)

GEOS 313 Structural Geology (Spring)

GEOS 300 Earth Materials (Fall)

GEOS 426 Aqueous Geochemistry (Fall)

GEOS 315 Sedimentation/Stratigraphy (Fall)

GEOS 316 Hydrology (Fall)

GEOS 412 Hydrogeology (Spring)

GEOS 357 Computation in Geoscience (Spring)

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

Approved field camp (see department advisor)

ENGL 102 English Comp

declared major
plus GEOS 200 or GEOS 212 or GEOS 220

GEOS 200 Evolution W. North America (Fall)

GEOS 220 Seeing the Unseen (Fall)

GEOS 200 Evolution W. North America (Fall)

GEOS 314 Structural Geology (Spring)

GEOS 300 Earth Materials (Fall)

GEOS 426 Aqueous Geochemistry (Fall)

GEOS 315 Sedimentation/Stratigraphy (Fall)

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

Approved field camp (see department advisor)

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