GEOL and PGEO Courses: Required and Electives 2016-2020

**Fall 2016**
- Advanced GIS - PGEO 4570/5570
- Advanced Remote Sensing - PGEO 4511/5511
- Advanced Topics and Problems Geosci - PGEO 6060
- Cartography - PGEO 4380
- Colloquium - GEOL 6030
- Engineering Geology - GEOL 4040
- Environmental Issues/Sustainability - PGEO 4020
- Geomorphic Regions US - GEOL 4020
- GIS - PGEO 4530
- Hydrogeology - GEOL 4130
- Intermediate GIS - PGEO 4560
- Lab Problems Remote Sensing - PGEO 4510
- Meteorology - GEOL 4050
- Oceanography - GEOL 3010
- Paleontology - GEOL 4030
- Petrology - GEOL 3000
- Physical Geography - PGEO 1030
- Remote Sensing - PGEO 4490
- Structural Geology - GEOL 4080

**Spring 2017**
- Advanced Topics and Problems Geosci - PGEO 6060
- Biogeography - PGEO 4010
- Case Studies in Environmental Geosystems - GEOL 6010
- Climatology and Climate Change - PGEO 4000
- Environmental Geology - GEOL 4120
- Field Methods in Geology - GEOL 3050
- Geoscience of Energy Resources - GEOL 3030
- GIS - PGEO 4530
- Historical Geology - GEOL 1050
- Intermediate GIS - PGEO 4560
- Lab Problems Remote Sensing - PGEO 4510
- Maps and Mapping - PGEO 3000
- Mineralogy - GEOL 3000
- Physical Geography - PGEO 1030
- Programming in GIS - PGEO 6050
- Quantitative Methods in Geosciences - PGEO 6070
- Remote Sensing - PGEO 4490
- Sedimentation Stratigraphy - GEOL 4070

**Summer 2017**
- Geochemistry - GEOL 4140
- Geology Field Course (Pacific Northwest Volcanoes) - GEOL 3401
- Geomorphic Regions US - GEOL 4020
- Physical Geography Field Course - PGEO 3401
Fall 2017
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- Advanced Topics and Problems Geosci - PGEO 6060
- Cartography - PGEO 4380
- Colloquium - GEOL 6030
- Environmental Geosystems - GEOL 6000
- Environmental Issues/Sustainability - PGEO 4020
- Field Methods in Geology - GEOL 3050
- Geoliterture and Report Writing - GEOL 3160
- Geomorphic Regions US - GEOL 4020
- Geospatial Systems and Applications - PGEO 6040
- GIS - PGEO 4530
- Historical Geology - GEOL 1050
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- Quantitative Methods in Geosciences - PGEO 6070

Summer 2018
- Geology Field Course (Geology National Parks of the Southwest) - GEOL 3401
- Geomorphic Regions US - GEOL 4020
- Physical Geography Field Course - PGEO 3401
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