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| *Course Number and Title* | *Credits* | *Completed* | *In Progress* | *Future* |
| Select one of the following core clusters: | 11-12 |  |  |  |
| Geology Core (4 of the following 6 courses)  GEOS 523 Advanced Geomorphology (3 cr)  GEOS 525 Whole Earth Geochemistry (3 cr)  GEOS 541 Plate Tectonics (3 cr)  GEOS 560 Volcanology (3 cr)  GEOS 607 Paleoclimatology and Paleoceanography (3 cr)  GEOS 611 Basin Analysis (3 cr) |  |  |  |  |
| Hydrologic Science Core  GEOS 512/CE 512 Hydrogeology (3 cr)  GEOS 516 Hydrology (3 cr)  GEOS 518 Applied Hydrologic Modeling (3 cr)  GEOS 526/CE 526 Aqueous Geochemistry (3 cr) |  |  |  |  |
| Geophysics Core  GEOPH 501 Properties and Processes in Geophysics I (4 cr)  GEOPH 502 Properties and Processes in Geophysics II (4 cr)  GEOPH 605 Inversion Theory and Geophysical Applications (3 cr) |  |  |  |  |
| Elective coursework in geosciences and related fields.  Elective coursework must be approved by the student’s supervisory committee and the Department’s graduate programs committee. | 23-24 |  |  |  |
| GEOS 598 Graduate Seminar | 1 |  |  |  |
| GEOS 690 Master’s Comprehensive Examination | 1 |  |  |  |
| Total | 37-38 |  |  |  |