

PLANNER FOR COURSES IN GEOLOGY/GEOGRAPHY 2020-2024  
DEPARTMENT OF GEOSCIENCES - NORTH DAKOTA STATE UNIVERSITY

<p><b>Fall 2020</b>          GEOL 105 Physical Geology (3)          GEOL 105L Physical Geology Lab (1)          GEOL 457 Structural Geology (4)          GEOL 450/650 Field Geology (3)          GEOG 455/655 Intro to GIS (4)          SOIL 444 Soil Genesis (3)  <i>GEOL 428/628 Geochemistry (3)</i>  <i>GEOL 493 ChronoQuest</i>  <i>GEOG 262 Geography of North America (3)</i>  <i>GEOG 161 World Regional Geography (3)</i>  <i>GEOG 480/680 GIS Pattern Analysis and Modeling (3)</i></p>	<p><b>Spring 2021</b>          GEOL 106 Earth Through Time (3)          GEOL 106L Earth Through Time Lab (1)          GEOL 350 Invertebrate Paleontology (3)          GEOL 303 Paleontology Field Course (1)          GEOL 491 Seminar (1)  <i>GEOL 413/613 Glacial Geology (3)</i>  <i>GEOL 493 ChronoQuest</i>  <i>GEOG 151 Human Geography (3)</i>  <i>GEOG 465/665 Advanced GIS (3)</i>  <i>GEOG/GEOL 470/670 Remote Sensing (3)</i></p>
<p><b>Fall 2021</b>          GEOL 105 Physical Geology (3)          GEOL 105L Physical Geology Lab (1)          GEOL 420/620 Mineralogy (3)          GEOL 421/621 Mineralogy Lab (1)          GEOG 455/655 Intro to GIS (4)          GEOL 410 Sedimentology / Stratigraphy (4)          SOIL 444 Soil Genesis (3)  <i>GEOL 493 ChronoQuest</i>  <i>GEOL 219 Oceanography (3)</i>  <i>GEOL 107L Geology of the Red River Valley (1)</i>  <i>GEOL 310 Planetary Geology (3)</i>  <i>GEOL 301 North Shore of Lake Superior Field Course (2)</i>  <i>GEOG 161 World Regional Geography (3)</i>  <i>GEOG/ GEOL 465/665 Remote Sensing of the Environment (3)</i>  <i>GEOG 480/680 GIS Pattern Analysis and Modeling (3)</i></p>	<p><b>Spring 2022</b>          GEOL 106 Earth Through Time (3)          GEOL 106L Earth Through Time Lab (1)          GEOL/GEOG 412/612 Geomorphology (3)          GEOL 422/622 Petrology (3)          GEOL 423/623 Petrography (1)          GEOL 491 Seminar (1)  <i>GEOL 300 Environmental Geology (3)</i>  <i>GEOL 493 ChronoQuest</i></p>
<p><b>Fall 2022</b>          GEOL 105 Physical Geology (3)          GEOL 105L Physical Geology Lab (1)          GEOL 457 Structural Geology (4)          GEOL 450/650 Field Geology (3)          GEOG 455/655 Intro to GIS (4)          SOIL 444 Soil Genesis (3)  <i>GEOL 428/628 Geochemistry (3)</i>  <i>GEOL 201 Climate and Energy (3)</i>  <i>GEOL 493 ChronoQuest</i>  <i>GEOL 414/614 Hydrogeology (3)</i>  <i>GEOG 262 Geography of North America (3)</i>  <i>GEOG 161 World Regional Geography (3)</i>  <i>GEOG 480/680 GIS Pattern Analysis and Modeling (3)</i></p>	<p><b>Spring 2023</b>          GEOL 106 Earth Through Time (3)          GEOL 106L Earth Through Time Lab (1)          GEOL 410 Sedimentology / Stratigraphy (4)          GEOL 491 Seminar (1)  <i>GEOL 413/613 Glacial Geology (1)</i>  <i>GEOL 493 ChronoQuest</i>  <i>GEOG 151 Human Geography (3)</i>  <i>GEOG 465/665 Advanced GIS (3)</i>  <i>GEOG/GEOL 470/670 Remote Sensing (3)</i></p>
<p><b>Fall 2023</b>          GEOL 105 Physical Geology (3)          GEOL 105L Physical Geology Lab (1)          GEOL 420/620 Mineralogy (3)          GEOL 421/621 Mineralogy Lab (1)          GEOL 350 Invertebrate Paleontology (3)          GEOL 303 Paleontology Field Course (1)          GEOG 455/655 Intro to GIS (4)          SOIL 444 Soil Genesis (3)  <i>GEOL 493 ChronoQuest</i>  <i>GEOL 219 Oceanography (3)</i>  <i>GEOL 107L Geology of the Red River Valley (1)</i>  <i>GEOL 310 Planetary Geology (3)</i>  <i>GEOL 302 Geology of the Black Hills Field Course (2)</i>  <i>GEOG 161 World Regional Geography (3)</i>  <i>GEOG/ GEOL 465/665 Remote Sensing of the Environment (3)</i>  <i>GEOG 480/680 GIS Pattern Analysis and Modeling (3)</i></p>	<p><b>Spring 2024</b>          GEOL 106 Earth Through Time (3)          GEOL 106L Earth Through Time Lab (1)          GEOL/GEOG 412/612 Geomorphology (3)          GEOL 422/622 Petrology (3)          GEOL 422/622 Petrography (1)          GEOL 491 Seminar (1)  <i>GEOL 300 Environmental Geology (3)</i>  <i>GEOL 493 ChronoQuest</i></p>

Schedule subject to change. Semester hours in parentheses. Courses NOT in italics are part of Geology Major core curriculum. GEOL 491 must be taken twice for graduation. 300 and 400 level courses require GEOL 105 prereq. [www.ndsu.edu/geosci](http://www.ndsu.edu/geosci)