

**Michigan Technological University****Minor in Applied Geophysics**

Program Code EAGM, Academic Year 2021-22

Department of Geological and Mining Engineering and Sciences

Total Credits Required: 18

**Required Course: 3 credits**

<b>Course</b>	<b>Credits</b>
GE 3040 Fundamentals of Geophysics	3

**Elective Courses: 15 credits**

<b>Course</b>	<b>Credits</b>
GE 3900 Field Geophysics	5
GE 4250 Fundamentals of Remote Sensing	3
GE 4500 Plate Tectonics and Global Geophysics	3
GE 4560 Earthquake Seismology	3
GE 4600 Reflection Seismology	3
GE 4610 Formation Evaluation and Petroleum Eng	3
GE 4933 Special Topics in Geophysics	1-3
GE 4962 Independent Geophysics Research Project	1-9

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: GE4600 (GE3040), GE4500 (MA3160 and PH2200 and GE2000), GE4450 (GE3040), GE4550 (GE2400 and GE3040), GE3900 (GE3040)