

# The University Senate of Michigan Technological University

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## PROPOSAL 11-03

### APPLIED GEOPHYSICS MINOR

**The Senate adopts the Minor in Applied Geophysics as described below.**

The applied geophysics minor allows students to understand how the principles of physics and signal processing can be used in investigating Earth structure, in the search for natural resources such as petroleum and ore deposits, and in helping to detect contaminants in the natural environment. Not available to applied geophysics majors.

#### **Required Courses - 4 credits**

GE 2400 Introduction to Applied and Environmental Geophysics

4

#### **Elective Courses - 12-14 credits**

Choose 4 courses from the following:

GE 3900 Field Geophysics

5

GE 4400 Near Surface Geophysics

3

GE 4410 Near Surface Geophysics II

3

GE 4500 Plate Tectonics and Global Geophysics

3

GE 4600 Reflection Seismology

3

GE 4610 Formation Evaluation and Petroleum Engineering

3

GE 4922 Geophysics Seminar

3

**Adopted by Senate: 26 February 2003**

**Approved by President: 6 March 2003**