

Minor in Geophysics/ Geophysical Engineering

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Geophysics plays an important role in many aspects of civil engineering, petroleum engineering, mechanical engineering, and mining engineering, as well as mathematics, physics, geology, chemistry, hydrology, and computer science. Given the natural connections between these various fields and geophysics, it may be of interest for students in other majors to consider choosing to minor in geophysics, or to choose geophysics as an area of specialization. The core set of courses required for a GP minor are as follows:

GPGN229	MATHEMATICAL GEOPHYSICS	3.0
GPGN328	PHYSICS OF THE EARTH - I	3.0
GPGN329	PHYSICS OF THE EARTH - II	3.0
GPGN318 & GPGN319	APPLIED GEOPHYSICS I and APPLIED GEOPHYSICS II	6.0

The remaining 3 credits can be satisfied by a geophysics course or a course in geology, mathematics, or computer science depending on the student's major. Students must consult with the department of Geophysics to have the remaining course approved. Previous or concurrent experience in programming is strongly recommended but not required.

Primary Contact

Rachel Plotts, Geophysics Department Manager
rachelplotts@mines.edu