



## Earth Science Minor

*An earth science minor for teacher certification requires a minimum GPA of 2.7 in the minor and a minimum of 21 credits, including the following courses (substitutions must be approved by the geology department chair):*

Complete all of the following:

- GEO 111 – Exploring the Earth (4 cr.)
- GEO 112 – Earth History (4 cr.) (Prereq: a course in physical or general geology)
- GEO 203 – Weather and Climate for Pre-service Teachers (3 cr.)
- GEO 220 – Earth Surface Materials and Processes (4 cr.) (Prereq: GEO 111 & CHM 115; GEO 112 may be taken concurrently)
- SCI 450 (3) – Earth Science and Biology in Secondary Education (3)
- PHY 105 – Descriptive Astronomy (3 cr.)

**It is imperative to meet with your faculty advisor or an advisor in the CLAS Academic Advising Center early in your career.**

The CLAS Academic Advising Center is located in C-1-140 MAK, 616-331-8585.

Online at: <http://www.gvsu.edu/clasadvising>

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