

**Grand Valley State University**  
**CLAS Academic Advising Center**  
**C-1-140 Mackinac Hall**  
**616-331-8585**

**Graduate Teacher Certification Planned Program**  
**Earth Science Minor – Secondary Education**

Student Name:

Date:

Email Address:

G#:

Transfer Institution(s):

*This planned program is based on the requirements in place for the current catalog year 2017-2018. You are subject to the requirements in place for the academic year when you begin to take classes, either at GVSU or elsewhere, and have eight years to complete all requirements under that specific catalog. If you do take courses elsewhere, you will need to provide GVSU with an official transcript upon completion of the courses. To confirm the courses required for completion of your academic and teaching plans, please contact the CLAS Academic Advising Center at 616-331-8585 or [advstu@gvsu.edu](mailto:advstu@gvsu.edu).*

Key:      ✓ - Completed or In Progress      W - Waived      Highlighted - Still Needs to be Completed

**Earth Science Minor – Required Courses**

Course Number	✓	Course Name	Credits	Completed	Scheduled	Grade	Quality Points
GEO 111		Exploring the Earth	4				
GEO 112		Earth History	4				
GEO 203		Weather and Climate for Pre-Service Teachers	3				
GEO 220		Earth Surface Materials and Processes <sup>1</sup>	4				
SCI 450		Earth Science and Biology in Secondary Education	3				
PHY 105		Descriptive Astronomy	3				

**Cumulative GPA:** \_\_\_\_\_

**Special Considerations:**

<sup>1</sup> Pre-requisite GEO 111 and CHM 115; GEO 112 may be taken concurrently

**Notes:**

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**Substitutions, Equivalencies, and Waivers Approved By:**

**Date:**

**Prepared By: Gabriel Pena**

**Date: 12/12/2017**

**Academic Departmental Approval (Pending Completion of Highlighted Requirements):**

**Date:**