

GRAND VALLEY STATE UNIVERSITY
S.M.A.R.T. CENTER
 SCIENCE AND MATHEMATICS ADVISING, RESOURCE AND TRANSITION CENTER
 377 PADNOS
 331-8585

**Teacher Certification Planned Program
 Earth Science Major – Secondary Education**

Student Name: _____ Date: _____

Address: _____ SID: _____

_____ Phone _____

Transfer Institution(s): _____

Earth Science Major – Required Courses

Course Number	✓	Course Name	Credits	Completed	Scheduled	Grade
GEO 111		Exploring the Earth	4			
GEO 112		Earth History	5			
GEO 211		Mineralogy	4			
GEO 212		Petrology	5			
GEO 319		Earth Science in Secondary Education ¹	4			
GEO 320		Geomorphology ¹	4			
GEO 430		Oceanography	3			
GEO 485		Geology Seminar ²	2			
CHM 115		Principles of Chemistry I	5			
MTH 122		College Algebra	3			
MTH 123		Trigonometry	3			
PHY 105		Descriptive Astronomy	3			
PHY 220		General Physics I	5			
PHY 221		General Physics II	5			
NRM 140		The Climatic Factor OR	4			
NRM 281		Principles of Soil Science	4			
		One Biology or Life Science Course is recommended				

Special Considerations:

¹ Pre-requisite GEO 112

² 1 credit class taken for 2 semesters

Notes:

 Signature

 Date