

Grand Valley State University
CLAS Academic Advising Center
C-1-140 Mackinac Hall
616-331-8585
Graduate Teacher Certification Planned Program
Integrated Sciences Major—
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. 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.

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

Integrated Science - Required Courses

Course Number	✓	Course Name	Credits	Completed	Scheduled	Grade	Quality Points
BIO 120		General Biology I	4				
BIO 121		General Biology II	4				
BIO 210		Evolutionary Biology	3				
BIO 215		General Ecology	4				
BIO 375		Genetics	3				
BIO 376		Genetics Laboratory	1				
CHM 115		Principles of Chemistry I	4				
CHM 116		Principles of Chemistry II	5				
CHM 231		Introductory Organic Chemistry	4				
CHM 221		Survey of Analytical Chemistry	4				
CHM 351		Introduction to Physical Chemistry	3				
GEO 111		Exploring the Earth	4				
GEO 112		Earth History	4				
GEO 203		Weather for Pre-service Teachers	3				
GEO 214		Solid Earth Materials	4				
GEP 220		Earth Surface Materials	4				
PHY 105		Descriptive Astronomy	3				
PHY 230		Principles of Physics I	5				
PHY 231		Principles of Physics II	5				
PHY 302		Introduction to Modern Physics	4				
MTH 201		Calculus I	4				
MTH 202		Calculus II	4				

SCI 440		Physics & Chemistry in	3				
SCI 450		Earth & Life Sciences in	3				

Total Credits Needed: 89

Cumulative GPA:

Special Considerations:

1. Candidates for this certification should already hold a teaching major **and** minor (or a double major) in two sciences, i.e. chemistry, biology, geology, earth science, or physics.
2. Students are subject to all pre-requisites in place for each course listed.

Notes:

Substitutions, Equivalencies, and Waivers Approved By:

Date:

Prepared By:

Date:

Academic Departmental Approval (Pending Completion of Highlighted Requirements):

Date: