Grand Valley State University
CLAS Academic Advising Center
C-1-140 Mackinac Hall
616-331-8585
Teaching Endorsement Planned Program
Integrated Sciences Secondary
Endorsement - DI

Student Name: Date:

Email Address: G#:

Transfer Institution(s):

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 215		General Ecology	4				
BIO 325		Human Sexuality	3				
BIO 328 or		Biomedical Ethics	3				
BIO 338		Environmental Ethics	3				
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				
GEO 111		Exploring the Earth	4				
GEO 112		Earth History	4				
SCI 450		Earth Science and Biology in Secondary Education	4				
GEO 203		Weather for Pre-service Teachers	3				
PHY 105		Descriptive Astronomy	3				
PHY 201		Inquiry: Mechanical/Thermal World	4				
PHY 220		General Physics I	5				
PHY 221		General Physics II	5				
		Cognates and Pre-Requisites					
MTH 122		College Algebra (prior to PHY 220/221)	3				

MTH 123		Trigonometry (prior to PHY 220/221)	3				
STA 215		Introductory Applied Statistics	3				
EDI 331		Methods/Strategies for Sec. Educ.	3				

Total Credits Needed: 73 (85)   Cumulative GPA:

Special Considerations:
1. Candidates for this endorsement must already hold a teaching major **and** minor (or a double major) in two sciences, i.e. chemistry, biology, geology, earth science, or physics.
2. This endorsement **is not** for initial certification.
3. 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:**