

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

Teaching Endorsement Planned Program
Physics Major – Secondary Education^{1,2}

Student Name: _____ Date: _____

Email Address: _____ SID: _____

Phone: _____

Transfer Institution(s): _____

Physics Major – Required Courses

Course Number	✓	Course Name	Credits	Completed	Scheduled	Grade	Quality Points
PHY 230		Principles of Physics I	5				
PHY 231		Principles of Physics II	5				
PHY 302		Introduction to Modern Physics	4				
PHY 309		Experimental Methods in Physics	4				
PHY 311		Advanced Laboratory II	2				
PHY 330		Intermediate Mechanics	4				
PHY 340		Electromagnetic Fields	4				
PHY 350		Intermediate Modern Physics	4				
PHY 360		Statistical Thermodynamics	4				
PHY 485		Senior Physics Project I	1				
PHY 486		Senior Physics Project II	2				
CHM 115		Principles of Chemistry I	5				
CHM 116		Principles of Chemistry II	5				
CS 162		Computer Science I	4				
MTH 201		Calculus I	5				
MTH 202		Calculus II	4				
MTH 203		Calculus III	4				
MTH 227		Linear Algebra I	3				
MTH 300		Applied Analysis I	3				
MTH 304		Analysis of Differential Equations	3				
		OR					
MTH 302		Linear Algebra & Differential Equations	4				
HSC 201		The Scientific Revolution	3				
		OR					
HSC 202		The Technological Revolution	3				
PHY 105		Descriptive Astronomy	3				
BIO 328		Biomedical Ethics	3				
		OR					
BIO 338		Environmental Ethics	3				
BIO 120		General Biology I	4				

Total Credits Needed: 86 - 87
Cumulative GPA: _____

Special Considerations:

¹ All students seeking teacher certification are required to assist for at least 30 clock hours in the department's tutoring program or at least 30 clock hours as a laboratory assistant setting up equipment and demonstrations as well as helping students in a laboratory setting. Required reading and experience in laboratory safety will be part of this laboratory setting.

Notes:

Departmental Approval: _____ **Date** _____

1 copy student; 1 copy CLAS Advising Center File; 1 copy College of Education; 1 copy Major Program Advisor

Next Steps:

1. Apply to Grand Valley State University if you have undergraduate courses remaining. Click here for a link to the Admissions Application: <http://admissions.gvsu.edu/admissions/undergrad.asp>
2. Successfully complete all coursework
3. Successfully complete the State required test in your endorsement area
4. Complete the “endorsement application” form from the Registrar’s Office.
5. Submit official transcripts from all colleges and universities you have attended (do not resend if Grand Valley has all of your transcripts).
6. A returned approved Endorsement Audit from the appropriate academic department.

After all paperwork has been received and the recommendation has been made to the State, the Registrar’s Office will mail you a 90-day letter verifying the completion of your new endorsement. The State will send you the fee for a new endorsement. Once you pay the fee, the State will mail you a newly endorsed teaching certificate.