

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

**Graduate Teacher Certification Planned Program**  
**Physics Major – Secondary Education<sup>1,2</sup>**

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_ SID: \_\_\_\_\_

\_\_\_\_\_ Phone \_\_\_\_\_

Transfer Institution(s): \_\_\_\_\_

**Physics Major – Required Courses**

Course Number	✓	Course Name	Credits	Completed	Scheduled	Grade
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			
		<b>OR</b>				
MTH 302		Linear Algebra & Differential Equations	4			
HSC 201		The Scientific Revolution	3			
		<b>OR</b>				
HSC 202		The Technological Revolution	3			
PHY 105		Descriptive Astronomy	3			
BIO 328		Biomedical Ethics	3			
		<b>OR</b>				
BIO 338		Environmental Ethics	3			
BIO 120		General Biology I	4			

**Special Considerations:**

<sup>1</sup>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:**

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**Signature**

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**Date**

**1 copy student; 1 copy S.M.A.R.T. Center File; 1 copy College of Education.**

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The following details the information regarding the Graduate Teacher Certification Program and is taken directly from the Grand Valley State University catalog:

**Graduate Teacher Certification.** Candidates who already possess an approved baccalaureate degree may consider certification at either the undergraduate or graduate level. Because of the need for careful assessment in choosing the appropriate program, students should first contact the Student Information and Services Center to request background materials and register to attend one of the regularly scheduled information meetings. Candidates considering the graduate program must be able to undertake full-time study for approximately one calendar year. Minimum admission requirements for the graduate certification program include:

1. Completion of the baccalaureate degree from a regionally accredited institution at least three years prior to application with a GPA of 3.0 or higher for the final 60 semester credits.
2. Possession of completion of a teachable major with a GPA of 3.0 or higher. Secondary candidates must also possess or complete a teachable minor before final certification.
3. Successful completion of Michigan Basic Skills Test.
4. Successful completion of Michigan Subject Area Test in teachable major.
5. Documentation of 25 hours age-appropriate experience with children or youth.
6. Current TB test report.
7. Signed statement regarding criminal activity.
8. Completion of EDG 619 Curricular Integration of Ed Technology.
9. Admission to graduate studies
10. Completion of application materials for graduate teacher certification program.

Candidates will be eligible for Michigan Provisional Certification after they successfully complete coursework, maintain a 3.0 GPA, and complete certain additional state requirements. These requirements include the Michigan Elementary Test for elementary candidates, or the completion of a teachable minor and the Michigan Subject Area Test in the minor for secondary candidates.