

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

**Graduate Teacher Certification Planned Program**  
**Physics Minor – Secondary Education**

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

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

Phone: \_\_\_\_\_

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

**Physics Minor – Required Courses<sup>1,2</sup>**

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 105		Descriptive Astronomy	3				
PHY 302		Introduction to Modern Physics	4				
		<b>7 additional hours of electives from the following courses:</b>					
PHY 309		Experimental Methods in Physics	4				
PHY 311		Advanced Laboratory II	2				
PHY 320		Optics	4				
PHY 330		Intermediate Mechanics	4				
PHY 340		Electromagnetic Fields	4				
PHY 350		Intermediate Modern Physics	4				
PHY 360		Statistical Thermodynamics	4				
PHY 370		Solid State Physics	4				

**Total Credits Needed: 24**  
**Cumulative GPA: \_\_\_\_\_**

**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.

<sup>2</sup> Most physics courses have math pre-requisites.

**Notes:**

\_\_\_\_\_  
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**Departmental Approval:** \_\_\_\_\_ **Date** \_\_\_\_\_

## Next Steps:

1. **If you have not already done so, you must attend a Graduate Teacher Certification workshop sponsored by the College of Education. You can schedule a time to attend by calling their Student Assistance Center at 616-331-6650.**
2. **Be prepared to provide any additional course materials, such as a syllabus or course description, especially for out of state classes and courses completed more than 10 years ago. This will help the academic departments when finalizing course evaluations and planned programs.**
3. **Contact the CLAS Academic Advising Center to schedule an appointment if you need help registering.**
4. **Prior to admission to the program, you should schedule an appointment with the Graduate Teacher Certification Coordinator within the College of Education. You can schedule that appointment by calling 616-331-6650.**

The following details give information regarding the Graduate Teacher Certification Program and are 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.