

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

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

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

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

Phone \_\_\_\_\_

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

**Biology Minor – 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 325		Human Sexuality	3				
CHM 109 <b>OR</b> CHM 115		Introductory Chemistry <b>OR</b> Principles of Chemistry I <sup>1</sup>	5 5				
		<i><b>One Course From Each of the Following Categories</b></i>					
		<i><b>Genetics</b></i>					
		<b>Choose A or B</b>					
BIO 375/376 <b>OR</b> BIO 355		A. Genetics/Genetics Lab <b>OR</b> B. Human Genetics	3/1 3				
		<i><b>Animal</b></i>					
		<b>Choose 1</b>					
BIO 222		Natural History of Vertebrates	3				
BIO 232		Natural History of Invertebrates	3				
BIO 342		Ornithology	3				
BIO 572		Field Zoology (permission only)	3				
BMS 202		Anatomy and Physiology	4				
BMS 208 and BMS 309		Human Anatomy and Laboratory in Human Anatomy	3 1				
		<i><b>Plant</b></i>					
		<b>Choose 1</b>					
BIO 303		Plants and Fungi	4				
BIO 323		Aquatic Plants	3				
BIO 333		Systematic Botany	3				
BIO 403		Plant Structure and Function	4				
BIO 573		Plants of the Great Lakes Area (permission only)	3				
		<i><b>Possible Electives</b></i>					
		<i><b>The following courses may count towards the 24 Biology credits needed for the minor</b></i>					
BMS 212 and BMS 213		Introductory Microbiology Laboratory in Microbiology	3 1				
BMS 290 and BMS 291		Human Physiology Laboratory in Human Physiology	3 1				

**Total Credits Needed: 29**

**Cumulative GPA: \_\_\_\_\_**

## Special Considerations:

<sup>1</sup> A minimum 24 credits of Biology are required for Biology minor, in addition to the Chemistry course.

## Notes:

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

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

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## 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.