

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

Graduate Teacher Certification Planned Program
Chemistry Major – Secondary Education

Student Name: _____ Date: _____

Email Address: _____ SID: _____

Phone: _____

Transfer Institution(s): _____

Chemistry Major – Required Courses

Course Number	✓	Course Name	Credits	Completed	Scheduled	Grade	Quality Points
CHM 115		Principles of Chemistry I	5				
CHM 116		Principles of Chemistry II	5				
CHM 222		Quantitative Analysis	3				
CHM 225		Instrumental Analysis I	3				
CHM 245 /246		Principles of Organic Chemistry I & Lab1	4				
CHM 247 /248		Principles of Organic Chemistry II & Lab1	4				
CHM 232		Biological Chemistry OR	4				
CHM 461		Biochemistry I ²	4				
CHM 351		Introduction to Physical Chemistry	3				
CHM 352		Applied Physical Chemistry	1				
CHM 391		Chemistry Seminar I ³	1				
CHM 419		Chemistry in Secondary Education	3				
CHM 491		Chemistry Seminar II	1				
MTH 201		Calculus I	5				
PHY 220		General Physics I	5				
PHY 221		General Physics II	5				
BIO 120 or 121		General Biology I	4				
		General Biology II	4				
GEO 111 ⁴		Exploring the Earth	4				

Total Credits Needed: 60

Cumulative GPA: _____

Special Considerations:

¹ If CHM 241/242 are taken, then the bridge course of CHM 249 must also be taken.

² Recommend CHM 461 (based on pre-requisites for CHM 232)

³ Required of all chemistry majors. Two semesters of seminar are required for one credit. Students should register for zero credit in their first semester and one credit in their second semester. CHM 391 is required only of students who take their junior year in chemistry at Grand Valley.

⁴ Recommended GEO 111, however any geology course will substitute

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. **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.