

# Geology-Chemistry (2010-2011)

## General

This is a **general curriculum** guide and is not applicable to every student and is not a replacement for meeting with your advisor.

**-Assumes student has fulfilled the MTH 110 requirement-**

Fall Semester – Year One	credits	Winter Semester- Year One	credits
CHM 115: Principles of Chemistry I	5	CHM 116: Principles of Chemistry II	5
GEO 111: Exploring the Earth ( <i>Gen Ed</i> )	4	GEO 112: Earth History	5
MTH 122: College Algebra ( <i>Gen Ed</i> )	3	WRT 150: Strategies in Writing	4
Gen Ed.	3		
<b>Total</b>	15	<b>Total</b>	14
Fall Semester – Year Two	credits	Winter Semester – Year Two	credits
GEO 211: Mineralogy	4	CHM 225: Instrumental Analysis I	3
MTH 123: Trigonometry	3	GEO 212: Petrology	5
CHM 222: Quantitative Analysis	3	MTH 201: Calculus I	5
CHM 241: Organic Chemistry for Life Sci I	4	Gen Ed.	3
<b>Total</b>	14	<b>Tot</b>	16
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
CHM 351: Intro to Physical Chemistry	3	GEO 312: Sedimentation-Stratigraphy	4
GEO 311: Structural Geology	3	CHM 352: Applied Physical Chemistry	1
GEO 445: Introduction to Geochemistry <sup>2</sup>	4	WRT 305: Writing in the Disciplines <sup>1</sup>	3
PHY 230: Principles of Physics I	5	Gen Ed. or Theme	3
		Gen Ed. or Theme	3
		Gen Ed. or Theme	3
<b>Total</b>	15	<b>Total</b>	17
Fall Semester – Year Four	credits	Winter Semester – Year Four	credits
CHM 491: Chemistry Seminar I	0	CHM 491: Chemistry Seminar II	1
GEO 485: Geology Seminar	1	GEO 495: Global Tectonics	3
Elective	3	Elective	3
Gen Ed. or Theme	3	Gen Ed. or Theme	3
Gen Ed. or Theme	3	Gen Ed. or Theme	3
Gen Ed. or Theme	3	Gen Ed. or Theme	3
<b>Total</b>	13	<b>Total</b>	16

### Notes:

<sup>1</sup> Students who pass out of WRT 305 have room to take a GenEd, Theme, or elective course in this semester.

<sup>2</sup> This course is offered Fall semester of even-numbered years.

### Special Notes:

- This is a **general** curriculum guide and will not work for everyone, especially those students who have AP or CLEP credit.
- Courses that have (*Gen Ed*) written after them are classes that are required in the major and also fulfill a section of the general education program.
- Remember to fulfill your 2 SWS requirements; 1 can be taken in the gen ed program and 1 in your major.
- Some classes are in multiple sections within the gen ed. If you take a course that can be counted in two categories, you can open up 1-2 more spots for geochemistry electives.
- Geo-Chemistry majors are encouraged to take one of the following themes: Theme 02, 07, or 11.
- You must have **120 credits** to graduate from Grand Valley State University.

**It is imperative to meet with your faculty advisor or an advisor in the CLAS Academic Advising Center early in your career. The CLAS Academic Advising Center is located in C-1-140 MAK, 616-331-8585.**

Online at: <http://www.gvsu.edu/clasadvising>

Prepared by CLAS Academic Advising Center – 4/23/2010