

Integrated Sciences (2010-2011)

Elementary Education

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

-Student is starting in MTH 110-

Fall Semester – Year One	credits	Winter Semester – Year One	credits
CHM 201: Introduction to Chemical Sciences (<i>Gen Ed</i>)	4	BIO 121: General Biology II	4
BIO 120: General Biology I (<i>Gen Ed</i>)	4	MTH 110: Algebra	4
WRT 150: Principles of Writing	4	PSY 101: Introductory Psychology (<i>Gen Ed</i>)	3
Gen Ed.	3	Gen Ed.	3
Total	15	Total	14
Fall Semester – Year Two	credits	Winter Semester – Year Two	credits
BIO 205: Genetics for K-8 Teachers	2	GEO 203: Weather for K-8 Teachers	3
PHY 201: Inquiry: The Mechanical and Thermal World	4	PHY 200: Physics for Life Sciences	4
MTH 221: Math for Elementary Teachers I (<i>Gen Ed</i>)*	4	MTH 222: Math for Elementary Teachers II*	3
ED 315: Diverse Perspectives on Education (<i>Gen Ed</i>)*	3	PSY 301: Child Development*	3
Gen Ed.	3	MAT 300: Music, Art, and Theater for Elementary Education*	3
Total	16	Total	16
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
GEO 201: Geosphere for Teachers	4	GEO 202: Hydrosphere for Teachers	4
WRT 305: Writing in the Disciplines ¹	3	SST 309: Social Studies for Elementary Teachers*	3
PED 266: Move, Dance, Learn*	2	PED 265: Teaching Health in Elementary Schools*	2
ED 337: Intro to Learning and Assessment*	3	ENG 308: Teaching Reading: The Necessary Skills*	4
Gen Ed. or Theme	3	Gen Ed. or Theme	3
Total	15	Total	16
Fall Semester – Year Four	credits	Winter Semester – Year Four	credits
SCI 319: Science in Elementary Education ²	2	SCI 495: Science in the 21 st Century (Capstone) ⁴	3
SCI 336: Ecology for K-8 Teachers (SWS) ³	4	ENG 302: Introduction to Language Arts*	3
PHY 205: Astronomy for Teachers	2	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
Total	14	Total	15
Fall Semester – Year Five	credits	Winter Semester – Year Five	credits
ED 310: Organizing and Managing Classroom Environments	3	ED 430: Student Teaching, Elementary	10
ED 320: Reading: Assessment and Instruction	3	ED 485: The Context of Educational Issues	3
ED 330: Teacher Assisting: Elementary	5		
ED 370: Technology in Education**	3		
ED 378: Universal Design for Learning: Elementary**	3		
Total	17	Total	13

Notes:

* These courses are prerequisites to the College of Education and include the elementary distributed minor. Students must have a minimum of 2.7 GPA in these classes, and their major. Classes must be completed prior to applying to the College of Education. **Consult with your advisor!**

** ED 370 and/or ED 378 may be taken during or after Assisting but must be taken before Student Teaching.

¹ Students who pass out of WRT 305 have room to take a Gen Ed./Theme course in this semester.

² SCI 319 has the following prerequisites: ED 200 or 315, BIO 120, CHM 109 or CHM 201, PHY 200 or PHY 201, and GEO 201.

³ SCI 336 has the following prerequisites: BIO 205, CHM 109 or CHM 201, GEO 202, GEO 203, PHY 201 (GEO 201 recommended)

⁴ SCI 495 has the following prerequisites: Senior standing. BIO 205, SCI 319 and SCI 336 (one may be taken concurrently).

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 or minor 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 is SCI 336.
- 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 major electives.
- 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 – 4/20/10