

# Integrated Sciences (2012-2013)

## 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 needs MTH 110 prerequisite-**

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
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>14</b>
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/Minor</i> )	4	MTH 222: Math for Elementary Teachers II ( <i>minor</i> )	3
ED 315: Diverse Perspectives on Education ( <i>Gen Ed</i> )*	3	PSY 301: Child Development*	3
<b>Total</b>	<b>13</b>	<b>Total</b>	<b>13</b>
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
GEO 201: Geosphere for Teachers	4	GEO 202: Hydrosphere for Teachers	4
PED 266: Move, Dance, Learn( <i>minor</i> )	2	SST 309: Social Studies for Elementary Teachers( <i>minor</i> )	3
ED 337: Intro to Learning and Assessment*	3	PED 265: Teaching Health in Elementary Schools( <i>minor</i> )	2
Gen Ed. or Theme	3	PHY 205: Astronomy for Teachers	2
Gen Ed. or Theme	3	Gen Ed. or Theme	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>14</b>
Fall Semester – Year Four	credits	Winter Semester – Year Four	credits
SCI 319: Science in Elementary Education <sup>1</sup>	2	SCI 495: Science in the 21 <sup>st</sup> Century (Capstone) <sup>3</sup>	3
SCI 336: Ecology for K-8 Teachers ( <i>SWS</i> ) <sup>2</sup>	4	ENG 308: Teaching Reading: The Necessary Skills( <i>minor</i> )	4
ENG 302: Introduction to Language Arts( <i>minor</i> )	3	MAT 300: Music, Art, & Theater for Elem Education( <i>minor</i> )	3
Gen Ed. or Theme	3	Gen Ed or Theme.	3
<b>Total</b>	<b>12</b>	<b>Total</b>	<b>13</b>
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		
<b>Total</b>	<b>17<sup>#</sup></b>	<b>Total</b>	<b>13</b>

<sup>#</sup>The block tuition rate is for 12-15 credits. You will pay additional tuition for any credits over 15.

**Notes:**

\* These are the pre-admission courses to the College of Education and must be completed with a minimum cumulative GPA of 2.7.

\*\* ED 370 and/or ED 379 may be taken during or after Teacher Assisting but must be taken before Student Teaching.

<sup>1</sup> SCI 319 has the following prerequisites: BIO 120, CHM 109 or CHM 201, PHY 200 or PHY 201, and GEO 201.

<sup>2</sup> SCI 336 has the following prerequisites: BIO 205, CHM 109 or CHM 201, GEO 202, GEO 203, PHY 201 (GEO 201 recommended)

<sup>3</sup> SCI 495 has the following prerequisites: Senior standing. BIO 205, SCI 319 and SCI 336 (one may be taken concurrently with permission of the instructor).

**Elementary Certification Minor** - Students pursuing elementary certification must also complete the Elementary Certification minor

**Special Notes:**

- A. This is a **general** curriculum guide and will not work for everyone, especially those students who have AP or CLEP credit.
- B. 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.
- C. Complete a total of two courses with an SWS attribute.

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 – 3/9/2012