

Science Education 5-12 Major: Chemistry Emphasis

(Students graduating after September 1, 2001)

Bethel College Suggested Sequence of Courses

<i>Fall</i>			<i>Interim</i>			<i>Spring</i>			<i>Year</i>
<u>Freshman</u>									
CHE111D	General Chemistry I	4	BIB101	Introduction to the Bible	3	CHE200	Lab Safety/Chemical Hygiene	1	
MAT124M	Calculus 1	4				CHE212	General Chemistry II	4	
GES105	Freshman Seminar	1				MAT125M	Calculus 2	4	
GES130	Christianity & Western Culture (or WHCP)*	4				GES110	College Writing	3	
PEA100	Physical Wellness for Life	1				Self Awareness & Group Interaction (B) course		3	
		14			3	Leisure and Lifetime Sports (Q) course		1	
								16	33
<u>Sophomore</u>									
CHE221	Organic Chemistry I	4	Science, Technology, and Society (K) course		3	CHE222	Organic Chemistry II	4	
PHY290D	General Physics I	4				PHY295	General Physics II	4	
PHY110D	Introduction to Astronomy	4				EDU200	Introduction to Education	3	
GES120	Creativity in the Fine Arts (or WHCP)*	4				EDU201	Introduction to Education F.E.	1	
		16			3	Theology (C) course		3	
								15	34
<u>Junior</u>									
CHE301	Chemistry Seminar	1	Interpreting Biblical Themes (J) course		3	CHE302	Chemistry Seminar	1	
CHE331	Analytical Chemistry I	4				Biology Option (BIO101D, 112D, 113D, 114D)			4
GEL167D	Geology	4				EDU240	Educational Psychology	3	
EDU203	School Health and Drugs	2				EDU241	Educational Psychology F.E.	1	
EDU235E	Understanding Diversity ^a	3				Systems (G) course		3	
Modern Age (F) course		3				Cultural Diversity (E) or MWL** or Systems (G)		3	
		17			3			15	35
<u>Senior</u>									
CHE341	Physical Chemistry I	4	Contemporary Christian Issues (P) course		3	EDU485	Student Teaching	15	
CHE401	Chemistry Seminar	1				CHE402	Chemistry Seminar	1	
EDU225	Education Technology	1							
EDU311	Middle Level Education	5							
EDU313	Middle Level Education Practicum	1							
EDU420	Methods in Teaching 5-12 Science	3							
		15			3			16	34
								16	136

^a Students in world languages and cultures may meet the requirements of this course while studying abroad.

▪ The letter in parenthesis following a course category indicates the designation in the course numbers.

▪ This program assumes a student will use CHE111D, EDU235E, and MAT124M to meet the general education Laboratory Science, Cultural Diversity, and Math requirements.

* GES145 and GES146 Western Humanity in Christian Perspective I & II may be substituted for GES120 Creativity in the Fine Arts and GES130 Christianity and Western Culture.

** MWL = Modern World Language (Check the Catalog for details of this option.)

Most financial aid packages stipulate 12 credits/semester; Minnesota state grants are reduced when credit load falls below 15 credits/semester. (Interim credits may be split between fall and spring for state grant purposes only)

_____ Artistic Experience