

## B.A. in K-6 Elementary Education, Science Middle Level Endorsement 2016-2017: Option 1 - CWILT

First Year					
Fall	Credits	Interim	Credits	Spring	Credits
<u>NAS101D Science Concepts -Life Science</u>	2	<u>GES125 Introduction to the Creative Arts</u>	4	<u>MAT201M Mathematics for Elementary Education *1</u>	3
<u>NAS104D Science Concepts - Physics</u>	2			<u>NAS103D Science Concepts -Chemistry</u>	2
<u>GES106 Introduction to Liberal Arts</u>	1			<u>BIB101 Introduction to the Bible</u>	3
<u>GES130 Christianity Western Culture</u>	4			<u>GES110 College Writing</u>	3
Nature of Persons (N) course	3			Contemporary Western Life and Thought (L) course	3
Second Language (S) course *1	4			Leisure and Lifetime Sports (Q) course	1
	16		4		15
Second Year					
Fall	Credits	Interim	Credits	Spring	Credits
<u>PEA100 Physical Wellness for Life</u>	1	World Cultures (U) course	3	Block 1 (must be taken concurrently)	
<u>EDU200 Introduction to Education</u>	3			<u>EDU271 Education Psychology and Pedagogy</u>	2
<u>EDU201 Introduction to Education Field Experience</u>	1			<u>EDU272 Language and Literacy Development for Young Learners (K-3)</u>	5
GEL168 & 168D (fall only) Geology and Geology Lab *2	4			<u>EDU273 Primary Grade Practicum</u>	1
<u>MAT202 Mathematics for Elementary Education 2</u>	3			<u>EDU274 Education Technology</u>	1
(NAS300 Applied Concepts in STEM optional)				<u>EDU275 Kindergarten Education</u>	1
	12		3	PHY102 & 102D (spring only) Concepts in Physics and Concepts in Physics Lab (NAS400 Applied Research in STEM optional)	4
					14
Third Year					
Fall	Credits	Interim	Credits	Spring	Credits
<u>EDU317GZ Educational Equity</u>	3	Science, Technology, and Society (K) course	3	Block 2 (must be taken concurrently)	
CHE101 & 101D Introduction to Chemistry and Lab	4			<u>EDU370 Math Curriculum and Methods</u>	3
<u>THE201 Christian Theology</u>	3			<u>EDU371 Science Curriculum and Methods</u>	3
<u>EDU363 Health Curriculum and Methods</u>	1			<u>EDU372 Educational Psychology</u>	3
<u>EDU365 Physical Education Curriculum and Methods</u>	1			<u>EDU373 Reading/Language Arts Curriculum and Methods</u>	3
<u>EDU366A Visual Arts Curriculum and Methods</u>	1			<u>EDU374 Social Studies Curriculum and Methods: Planning</u>	3
<u>EDU368A Music Curriculum and Methods</u>	1			<u>EDU375 Integrating Technology in the Content Areas</u>	2
<u>EDU220 Introduction to Middle Level Education</u>	3			<u>EDU376 Intermediate Grade Practicum</u>	1
	17		3		18
Fourth Year					
Fall	Credits	Interim	Credits	Spring	Credits
<u>EDU320 Pedagogy and the Young Adolescent Learner</u>	1	Contemporary Christian Issues (P) course	3	<u>EDU490 Student Teaching Block</u>	14
<u>EDU321 Integrated Literacy in the Content Areas</u>	1			<u>EDU491 Student Teaching in Middle Level</u>	3
<u>EDU420 Methods in Teaching Secondary Science</u>	3				
<u>EDU429 (fall only)</u>	1				
PHY112 & 112D Introduction to Astronomy and Lab *2	4				
Interpreting Biblical Themes (J) course	3				
BIO118 & 118D General Biology and Lab	4				
	17		3		17

Total Credits: 139

\*1 Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)

\*2 GEL168 and PHY112 replace NAS102D in the K-6 Elementary Education core for students in the science specialty only.

The intention of this academic plan is to provide an overall guide. STUDENTS SHOULD LOOK CAREFULLY AT COURSES WITH LIMITED OFFERINGS BEFORE DEVIATING FROM THIS PLAN.

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.)

## B.A. in K-6 Elementary Education, Science Middle Level Endorsement 2016-2017: Option 2 - Humanities

First Year						
	Fall	Credits	Interim	Credits	Spring	Credits
<u>NAS101D Science Concepts -Life Science</u>		2	<u>GES147 Humanities II: Renaissance and Reformation</u>	4	MAT201M Mathematics for Elementary Education *1	3
<u>NAS104D Science Concepts - Physics</u>		2			<u>NAS103D Science Concepts -Chemistry</u>	2
<u>GES106 Introduction to Liberal Arts</u>		1			<u>GES244 Humanities III: European Enlightenment and American Culture to 1877</u>	4
<u>GES145 Humanities I: Greco-Roman through Middle Ages</u>		4			Nature of Persons (N) course	3
<u>PEA100 Physical Wellness for Life</u>		1			<u>EDU200 Introduction to Education</u>	3
Second Language (S) course *1		4			<u>EDU201 Introduction to Education Field Experience</u>	1
		14		4		16
Second Year						
	Fall	Credits	Interim	Credits	Spring	Credits
GEL168 & 168D (fall only) Geology and Geology Lab *2		4	World Cultures (U) course	3	Block 1 (must be taken concurrently)	
<u>MAT202 Mathematics for Elementary Education 2</u>		3			<u>EDU271 Education Psychology and Pedagogy</u>	2
<u>GES246 Humanities IV: Modern and Contemporary Western Culture</u>		4			<u>EDU272 Language and Literacy Development for Young Learners (K-3)</u>	5
<u>BIB101 Introduction to the Bible</u>		3			<u>EDU273 Primary Grade Practicum</u>	1
Leisure and Lifetime Sports (Q) course		1			<u>EDU274 Education Technology</u>	1
(NAS300 Applied Concepts in STEM optional)					<u>EDU275 Kindergarten Education</u>	1
		15		3	PHY102 & 102D (spring only) Concepts in Physics and Concepts in Physics Lab (NAS400 Applied Research in STEM optional)	4
						14
Third Year						
	Fall	Credits	Interim	Credits	Spring	Credits
<u>EDU317GZ Educational Equity</u>		3	Science, Technology, and Society (K) course	3	Block 2 (must be taken concurrently)	
CHE101 & 101D Introduction to Chemistry and Lab		4			<u>EDU370 Math Curriculum and Methods</u>	3
<u>EDU363 Health Curriculum and Methods</u>		1			<u>EDU371 Science Curriculum and Methods</u>	3
<u>EDU365 Physical Education Curriculum and Methods</u>		1			<u>EDU372 Educational Psychology</u>	3
<u>EDU366A Visual Arts Curriculum and Methods</u>		1			<u>EDU373 Reading/Language Arts Curriculum and Methods</u>	3
<u>EDU368A Music Curriculum and Methods</u>		1			<u>EDU374 Social Studies Curriculum and Methods: Planning</u>	3
<u>EDU220 Introduction to Middle Level Education</u>		3			<u>EDU375 Integrating Technology in the Content Areas</u>	2
		14		3	<u>EDU376 Intermediate Grade Practicum</u>	1
						18
Fourth Year						
	Fall	Credits	Interim	Credits	Spring	Credits
<u>EDU320 Pedagogy and the Young Adolescent Learner</u>		1	Contemporary Christian Issues (P) course	3	<u>EDU490 Student Teaching Block</u>	14
<u>EDU321 Integrated Literacy in the Content Areas</u>		1			<u>EDU491 Student Teaching in Middle Level</u>	3
<u>EDU420 Methods in Teaching Secondary Science</u>		3				
<u>EDU429 (fall only)</u>		1				
PHY112 & 112D Introduction to Astronomy and Lab *2		4				
Interpreting Biblical Themes (J) course		3				
BIO118 & 118D General Biology and Lab		4				
		17		3		17
Total Credits: 138						

\*1 Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)

\*2 GEL168 and PHY112 replace NAS102D in the K-6 Elementary Education core for students in the science specialty only.

The intention of this academic plan is to provide an overall guide. STUDENTS SHOULD LOOK CAREFULLY AT COURSES WITH LIMITED OFFERINGS BEFORE DEVIATING FROM THIS PLAN.

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.)