

B.A. in K-6 Elementary Education, Mathematics Middle Level Endorsement 2019-2020: Option 1 - CWILT

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
MAT 124M Calculus 1	4	NAS 103D Science Concepts -Chemistry	2	MAT 1252 Calculus 2	4
MAT 201M2 Mathematics for Elementary Education 1	3	NAS 104D Science Concepts - Physics	2	NAS 101D Science Concepts -Life Science	2
GES 140 Introduction to Wellbeing	3			NAS 102D Science Concepts - Earth/Space Science	2
GES 160 Inquiry Seminar	3			MAT 202 Mathematics for Elementary Education 2	3
BIB 101 Introduction to the Bible	3			GES 130 Christianity Western Culture	4
	16		4		15
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
EDU 200 Introduction to Education	3	World Cultures (U) course ³	3	GES 125 Introduction to the Creative Arts	4
EDU 201 Introduction to Education Field Experience	1			Contemporary Western Life and Thought (L) course	3
Second Language (S) Course ¹	4			THE 201 Christian Theology	3
MAT 241 (fall only) Discrete Mathematics	3			Leisure and Lifetime Sports (Q) course	1
MAT 207M or 330 Statistical Analysis or Probability and Statistics	3			EDU 366A Visual Arts Curriculum and Methods	1
(NAS300 Applied Concepts in STEM optional)				EDU 368A Music Curriculum and Methods	1
				(NAS400 Applied Research in STEM optional)	
	14		3		13
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
Block 1 (must be taken concurrently)		Science, Technology, and Society (K) course	3	Block 2 (must be taken concurrently)	
EDU 271 Education Psychology and Pedagogy	2			EDU 370 Math Curriculum and Methods	3
EDU 272 Language and Literacy Development for Young Learners (K-3)	5			EDU 371 Science Curriculum and Methods	3
EDU 273 Primary Grade Practicum	1			EDU 372 Educational Psychology	3
EDU 274 Education Technology	1			EDU 373 Reading/Language Arts Curriculum and Methods	3
EDU 275 Kindergarten Education	1			EDU 374 Social Studies Curriculum and Methods: Planning	3
EDU 363 Health Curriculum and Methods	1			EDU 375 Integrating Technology in the Content Areas	2
EDU 365 Physical Education Curriculum and Methods	1			EDU 376 Intermediate Grade Practicum	1
EDU 317GZ Educational Equity	3				
	15		3		18
FOURTH YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
EDU 220 Introduction to Middle Level Education	3	Contemporary Christian Issues (P) course	3	EDU 490 Student Teaching Block	14
EDU 320 Pedagogy and the Young Adolescent Learner	1			EDU 491 Student Teaching in Middle Level	3
EDU 321 Integrated Literacy in the Content Areas	1				
MAT 351 (fall, even years) Modern Geometry	3				
EDU 411 Mathematics Education Practicum in grades 5-8 or 5-12	1				
EDU 412 Methods in Teaching 5-12 Mathematics	3				
Interpreting Biblical Themes (J) course	3				
	15		3		17
Total Credits 136					

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. Approval into course may require testing or online pre-work with department approval.
3. The Education Department offers an interim trip that meets the U requirement - EDU236UZ.

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, Mathematics Middle Level Endorsement 2019-2020: Option 2 - Humanities

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
MAT 124M2Calculus 1	4	GES 147Humanities II: Renaissance and Reformation	4	NAS 102D Science Concepts - Earth/Space Science	2
NAS 101DScience Concepts -Life Science	2			NAS 103D Science Concepts -Chemistry	2
NAS 104DScience Concepts - Physics	2			BIB 101 Introduction to the Bible	3
GES 140Introduction to Wellbeing	3			MAT 1252 Calculus 2	4
GES 145Humanities I: Greco-Roman through Middle Ages	4			GES 244 Humanities III: European Enlightenment and American Culture to 1877	4
	15		4		15
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
EDU 200Introduction to Education	3	World Cultures (U) course ³	3	MAT 202Mathematics for Elementary Education 2	3
EDU 201Introduction to Education Field Experience	1			Leisure and Lifetime Sports (Q) course	1
GES 246Humanities IV: Modern and Contemporary Western Culture	4			MAT 207MStatistical Analysis	3
MAT 241 (fall only) Discrete Mathematics	3			EDU 317GZEducational Equity	3
MAT 201MMathematics for Elementary Education 1 (NAS300 Applied Concepts in STEM optional)	3			Second Language (S) course ¹ (NAS400 Applied Research in STEM optional)	4
	14		3		14
THIRD YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
Block 1 (must be taken concurrently)		Science, Technology, and Society (K) course	3	Block 2 (must be taken concurrently)	
EDU 271Education Psychology and Pedagogy	2			EDU 370 Math Curriculum and Methods	3
EDU 272Language and Literacy Development for Young Learners (K-3)	5			EDU 371 Science Curriculum and Methods	3
EDU 273 Primary Grade Practicum	1			EDU 372Educational Psychology	3
EDU 274Education Technology	1			EDU 373Reading/Language Arts Curriculum and Methods	3
EDU 275Kindergarten Education	1			EDU 374 Social Studies Curriculum and Methods: Planning	3
EDU 363 Health Curriculum and Methods	1			EDU 375 Integrating Technology in the Content Areas	2
EDU 365 Physical Education Curriculum and Methods	1			EDU 376Intermediate Grade Practicum	1
EDU 366A Visual Arts Curriculum and Methods	1				
EDU 368A Music Curriculum and Methods	1				
	14		3		18
FOURTH YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
EDU 220Introduction to Middle Level Education	3	Contemporary Christian Issues (P) course	3	EDU 490 Student Teaching Block	14
EDU 320Pedagogy and the Young Adolescent Learner	1			EDU 491 Student Teaching in Middle Level	3
EDU 321Integrated Literacy in the Content Areas	1				
MAT 351 (fall, even years) Modern Geometry	3				
EDU 411Mathematics Education Practicum in grades 5-8 or 5-12	1				
EDU 412 Methods in Teaching 5-12 Mathematics	3				
Interpreting Biblical Themes (J) course	3				
	15		3		17
Total Credits 135					

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. Approval into course may require testing or online pre-work with department approval.
3. The Education Department offers an interim trip that meets the U requirement - EDU236UZ.

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.)