

B.A. in K-6 Elementary Education, Mathematics Middle Level Endorsement 2020-2021: Option 1 - CWILT

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
MAT 124M Calculus 1 *3	4	BIB 101 Introduction to the Bible	3	MAT 125 Calculus 2 *2	4
MAT 201M Mathematics for Elementary Education 1 *3	3			MAT 202 Mathematics for Elementary Education 2	3
NAS 102D (Fall - 1/2 semester) Science Concepts - Earth/Space Science	2			NAS 101D (Spring - 1/2 semester) Science Concepts -Life Science	2
GES 140 Introduction to Wellbeing	3			NAS 103D (Spring - 1/2 semester) Science Concepts -Chemistry	2
GES 160 Inquiry Seminar	3			GES 130 Christianity Western Culture	4
	15		3		15
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
EDU 200 Introduction to Education	3	World Cultures (U) course *2	3	EDU 363 (Spring - 1/2 semester) Health Curriculum and Methods	1
EDU 201 Introduction to Education Field Experience	1			EDU 366A (Spring - 1/2 semester) Visual Arts Curriculum and Methods	1
MAT 207M or 330 Statistical Analysis	3			GES 125 Introduction to the Creative Arts	4
MAT 241 (fall only) Discrete Mathematics	3			THE 201 Christian Theology	3
NAS 104D (Fall - 1/2 semester) Science Concepts - Physics	2			Contemporary Western Life and Thought (L) course	3
Second Language (S) Course *1	4			Leisure and Lifetime Sports (Q) course	1
	16		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 317GZ Educational Equity	3			EDU 375 Integrating Technology in the Content Areas	2
EDU 365 (Fall - 1/2 semester) Physical Education Curriculum and Methods	1			EDU 376 Intermediate Grade Practicum	1
EDU 368A (Fall - 1/2 semester) Music Curriculum and Methods	1				
MAT 351 Modern Geometry	3				
	18		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				
EDU 410 Methods in Teaching 5-8 Mathematics	3				
EDU 411 Mathematics Education Practicum in grades 5-8 or 5-12	1				
Interpreting Biblical Themes (J) course	3				
	12		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. The Education Department offers an interim abroad course (even years) that meets the U requirement - [EDU 236UZ Exploring British Education and Culture in England](#).

*3. Approval into [MAT 201M](#) and [MAT 124M](#) may require testing or online pre-work with department approval.

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 2020-2021: Option 2 - Humanities

FIRST YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
MAT 124M Calculus 1 *3	4	GES 147 Humanities II: Renaissance and Reformation	4	MAT 125 Calculus 2 *3	4
NAS 101D (Fall - 1/2 semester) Science Concepts -Life Science	2			NAS 103D (Spring 1/2 semester) Science Concepts -Chemistry	2
NAS 104D (1/2 semester) Science Concepts - Physics	2			BIB 101 Introduction to the Bible	3
GES 140 Introduction to Wellbeing	3			GES 244 Humanities III: European Enlightenment and American Culture to 1877	4
GES 145 Humanities I: Greco-Roman through Middle Ages	4				
	15		4		13
SECOND YEAR					
Fall	Credits	Interim	Credits	Spring	Credits
EDU 200 Introduction to Education	3	World Cultures (U) course *2	3	EDU 317GZ Educational Equity	3
EDU 201 Introduction to Education Field Experience	1			MAT 202 Mathematics for Elementary Education 2	3
MAT 201M Mathematics for Elementary Education 1 *3	3			MAT 207M Statistical Analysis	3
MAT 241 (fall only) Discrete Mathematics	3			Leisure and Lifetime Sports (Q) course	1
NAS 102D (Fall - 1/2 semester) Science Concepts - Earth/Space Science	2			Second Language (S) course *1	4
GES 246 Humanities IV: Modern and Contemporary Western Culture	4				
(NAS300 Applied Concepts in STEM optional)					
	16		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 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 366A (Fall - 1/2 semester) Visual Arts Curriculum and Methods	1			EDU 376 Intermediate Grade Practicum	1
EDU 368A (Fall - 1/2 semester) Music Curriculum and Methods	1				
MAT 351 Modern Geometry	3				
	16		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				
EDU 410 Methods in Teaching 5-8 Mathematics	3				
EDU 411 Mathematics Education Practicum in grades 5-8 or 5-12	1				
Interpreting Biblical Themes (J) course	3				
	12		3		17
Total Credits 134					

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*2. [The Education Department offers an interim abroad course \(even years\) that meets the U requirement - EDU 236UZ Exploring British Education and Culture in England](#)

*3. Approval into [MAT 201M](#) and [MAT 124M](#) may require testing or online pre-work with department approval.

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