

Requirements • 178 credits for degree with two majors • Maximum credit load of 18 per semester unless noted in professional semester.	Notes • Shaded courses must be taken concurrently as a block of classes. • When two courses are on the same line, take the course offered that year. • Courses in red are offered both semesters and may be switched
Successful completion of this major and licensure requirements provides students eligibility for: • WELS Assignment: K-Grade 8, Chemistry – Grades 9-12 • Minnesota Licensure: K-Grade 6, General Science – Grades 5-8, Chemistry – Grades 9-12	

Semester I

Semester II

FRESHMAN YEAR

ENG1303	Rhetoric & Composition	3	ENG130x	Literature Seminar Option	3
MTH2010	Calculus I	3	MTH1011	Mathematics: A Human Endeavor	3
MUSxxxx	Keyboard	1	MUSxxx	Vocal/Choral	1
MUSxxx	Vocal / Choral	1	MUSxxxx	Keyboard	1
PEDxxxx	2 Phy Ed Activity Courses	1	SCI1003 & SCI1004	Biology	3
PSY2002	Psych of Human Growth & Develop	3	SCI2025 / SCI2105	General Chemistry I / Geology & Lab	3
THE1001	Biblical History & Literature I	3	THE1002	Biblical History & Literature II	3
xxxx	Fine Arts Elective	3			
Total Credits			18		
			Total Credits		
			17		

Winterim / Field Experience Interim

EDU1401	Early Field Experience I	.5	Total Credits	.5
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SOPHOMORE YEAR

HIS2113	Modern West	3	EDT3002	Teaching with Technology	3
MTH2003	Elements of Mathematics	3	EDU3230 & EDU3231	Art in Elem & Middle Schls	2
MUSxxxx	Keyboard	1	PSY3020	Psychology of Learning	3
PEDxxxx	2 Phy Ed Activity Courses	1	SCI2025 / SCI2105	General Chemistry I / Geology & Lab	3
SCI1102	Physical Science	3	SCIxxxx	Science Elective (See Menu Below)	3
SCI2015	Botany - Science Minor Elective*	3	SCI3003	Zoology - Science Minor Elective*	3
THE2001	Biblical History & Literature III	3			
Total Credits			14/17		
			Total Credits		
			14/17		

Winterim / Field Experience Interim

EDU2401	Early Field Experience II	.5	Total Credits	.5
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JUNIOR YEAR

EDU3215	Teaching Religion	3	EDU3201	Children's Literature	2
EDU3235	Teaching Social Studies	1	EDU3205	Teaching Language Arts	2
EDU3246 (EDU3245)	Teaching Mathematics in Pre-K – 8 th Gr	2	EDU3210	Teaching Reading	4
EDU3348	Tchg Science in Middle & Sec Schools	4	EDU3411	Literacy Clinical	1
EDU3424	Science Clinical	1	EDU4302	Reading in the Content Areas	3
SCI4025/SCI3025	Chemistry of Life / Gen Chemistry II	3	SCI2001 & SCI2002	Advanced Biology & Lab	3
SPE2101	Educating the Exceptional Learner	3	SSC3210	World Regional Geography	3
Total Credits			17		
			Total Credits		
			18		

Winterim / Field Experience Interim

EDU3401	Early Field Experience III	.5			
EDU3405	Individual Field Experience	.5	Total Credits	1	

SENIOR YEAR

EDU3225	Teaching Phy Ed	2	EDU4253	Student Tchg in Elem & Mdle Schls I	10
EDU3241	Teaching Science Concepts	3	EDU4260	Student Tchg in Elem & Mdle Schls II	6
EDU4210	C & I in Elem & Middle Schools	3			
ENG3310	Interpersonal Communication	3			
SCI4025 / SCI3025	Chemistry of Life / Gen Chemistry II	3			
xxxx	Intercultural Elective (See Menu Below)	3			
Total Credits			17		
			Total Credits		
			16		

FIFTH YEAR

EDU4353	Student Tchg in Sec Schools I	10	EDU3220	Teaching Music	2
EDU4355 (EDU4352)	Student Tchg in Sec Schools II	6	HIS3010	US History Since 1945	3
PSY3031	Adolescent Psychology	3	MUS4201	Lutheran Worship	2
			PED1301	Fitness for Life	1
			THE4001	Lutheran Confessional Writings	3
			SCIxxxx	Science Elective (See Menu Below)	3
			SCI4105	Science in Our Society	3
Total Credits			19		
			Total Credits		
			17		

ADDITIONAL REQUIRED COURSES (taken during summer sessions)

THE3001 Christian Doctrine I – 3 credits; THE3002 Christian Doctrine II – 3 credits	Total Credits	6
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178 Credits

Intercultural Elective Menu (Choose one)

EDU2201	Introduction to Urban Education Ministry	HIS3026	Immigration & Ethnicity in US History
EDU3352	Teaching World Languages & Culture (4 credits)	MUS3213	Music in World Cultures
ENG3010	American Minority Writers	SSC4201	Introduction to Minority Cultures

Science Elective Menu

MTH2011	Calculus II	SCI2102	Physics: Electricity & Magnetism	SCI3103	Meteorology
SCI2020	Marine Ecology	SCI2103	Astronomy	SCI3015	Fundamentals of Ecology
SCI2101	Physics: Mechanics	SCI3102	Physics: Light & Optics	SCI4102	Physics: Thermodynamics & Properties of Matter

*Science Minor Elective Menu: (Choose one)

SCI2015 Botany – offered semester I

SCI3003 Zoology – offered semester II

SCI2020 Marine Ecology – offered winterim