

<b>Requirements</b> • 178 credits for degree with two majors • Maximum credit load of 18 per semester unless noted in professional semester.	<b>Notes</b> • 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 <b>red</b> 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, General Science – 5-8, Life Science – 9-12 • Minnesota Licensure: K-Grade 6, General Science – 5-8, Life Science – 9-12	

**Semester I**

**Semester II**

**FRESHMAN YEAR**

ENG1303	Rhetoric & Composition	3	EDU3230 & EDU3231	Art in Elem & Middle Schls	2
MTH1011	Mathematics: A Human Endeavor	3	ENG130x	Literature Seminar Option	3
MUSxxx	Vocal / Choral	1	MUSxxxx	Keyboard	1
PED1301	Fitness for Life	1	MUSxxxx	Vocal/Choral	1
PSY2002	Psych of Human Growth & Development	3	SCI2025	General Chemistry I	3
SCI1003 & SCI1004	Biology	3	THE1002	Biblical History & Literature II	3
THE1001	Biblical History & Literature I	3	xxxx	Fine Arts Elective	3
<b>Total Credits</b>			<b>17</b>		
			<b>Total Credits</b>		
			<b>16</b>		

**Winterim / Field Experience Interim**

EDU1401	Early Field Experience I	<b>Total Credits</b>	<b>.5</b>
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**SOPHOMORE YEAR**

EDU3241	Teaching Science Concepts	3	MUSxxxx	Keyboard	1
MUSxxxx	Keyboard	1	HIS2113	Modern West	3
MTH2003	Elements of Mathematics	3	PEDxxxx	2 Phy Ed Activity Courses	1
PEDxxxx	2 Phy Ed Activity Courses	1	SCI2001 / SCI3003	Adv Biology & Lab / <b>Zoology – Minor elective*</b>	3
SCI2010 & SCI2011	Human Anatomy & Physiology I & Lab	3	SCI3010 & SCI3011	Human Anatomy & Physiology II & Lab	3
SCI2015 / SCI3005	<b>Botany – Minor Elective*</b> / Genetics & Lab	3	SSC3210	World Regional Geography	3
SCI4025	Chemistry of Life	3	THE2001	Biblical History & Literature III	3
<b>Total Credits</b>			<b>17</b>		
			<b>Total Credits</b>		
			<b>17</b>		

**Winterim / Field Experience Interim**

EDU2401	Early Field Experience II	<b>Total Credits</b>	<b>.5</b>
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**JUNIOR YEAR**

EDT3002	Teaching with Technology	3	EDU3201	Children's Literature	2
EDU3348	Tchg Science in Middle & Sec Schools	4	EDU3205	Teaching Language Arts	2
EDU3424	Science Clinical	1	EDU3210	Teaching Reading	4
EDU3215	Teaching Religion	3	EDU3411	Literacy Clinical	1
SCI2015 / SCI3005	Botany & Lab / Genetics & Lab	3	EDU3225	Teaching Phy Ed	2
SCI3015 & SCI3016	Fundamentals of Ecology & Lab	3	EDU4302	Reading in the Content Areas	3
			SCI2001 / SCI3003	Advanced Biology & Lab / Zoology & Lab	3
<b>Total Credits</b>			<b>17</b>		
			<b>Total Credits</b>		
			<b>17</b>		

**Winterim / Field Experience Interim**

EDU3401	Early Field Experience III	<b>Total Credits</b>	<b>.5</b>
EDU3405	Individual Field Experience	<b>Total Credits</b>	<b>1</b>

**SENIOR YEAR**

EDU3220	Teaching Music	2	EDU4253	Student Teaching in Elem & Mdle Schls I	10
EDU3235	Teaching Social Studies	1	EDU4260	Student Teaching in Elem & Mdle Schls II	6
EDU3246 (EDU3245)	Teaching Mathematics in Pre-K – 8 <sup>th</sup> Gr	2			
ENG3310	Interpersonal Communication	3			
PSY3020	Psychology of Learning	3			
SCI1102	Physical Science	3			
xxxx	Intercultural Elective (See Menu Below)	3			
<b>Total Credits</b>			<b>17</b>		
			<b>Total Credits</b>		
			<b>16</b>		

**FIFTH YEAR**

EDU4353	Student Tchg in Sec Schools I	10	EDU4210	C & I in Elem & Middle Schools	3
EDU4355 (EDU4352)	Student Tchg in Sec Schools II	6	SPE2101	Educating the Exceptional Learner	3
PSY3031	Adolescent Psychology	3	HIS3010	US History Since 1945	3
			MUS4201	Lutheran Worship	2
			THE4001	Lutheran Confessional Writings	3
			SCI4105	Science in Our Society	3
<b>Total Credits</b>			<b>19</b>		
			<b>Total Credits</b>		
			<b>17</b>		

**ADDITIONAL REQUIRED CREDITS (taken during summer sessions)**

THE3001 Christian Doctrine I – 3 credits; THE3002 Christian Doctrine II – 3 credits	<b>Total Credits</b>	<b>6</b>
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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 Minor Elective Menu:** (Choose two)

SCI2015 Botany – offered semester I	SCI2020 Marine Ecology – offered winterim	SCI3003 Zoology – offered semester II
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