

Requirements	Notes
<ul style="list-style-type: none"> • 132 credits for degree • Maximum credit load of 18 per semester unless noted in professional semester. 	<ul style="list-style-type: none"> • 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:	
<ul style="list-style-type: none"> • WELS Assignment: General Science – Grades 5-8, Chemistry – Grades 9-12 • Minnesota Licensure: 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	Math: Human Endeavor	3
SCI1003 & SCI1004	Biology	3	PEDxxxx	2 Phy Ed Activity Courses	1
SSC3210	World Regional Geography	3	SCI2025 / SCI2105	Gen Chemistry I / Geology & Lab	3
THE1001	Biblical History & Literature I	3	THE1002	Biblical History & Literature II	3
			xxxx	Fine Arts Elective	3
Total Credits 15			Total Credits 16		

Winterim / Field Experience Interim		Total Credits
EDU1401	Early Field Experience I	.5

SOPHOMORE YEAR					
MTHxxxx	Mathematics Elective (See menu below)	3	EDT3002 (or EDT1001)	Teaching with Technology (or Digital Literacy)	3
SCI1102	Physical Science	3	HIS2113	Modern West	3
SCI3025 / SCI4025	Gen Chem II / Chem of Life	3	PED1301	Fitness for Life	1
SCIxxxx	Science Elective (See menu below)	3	SCI2025 / SCI2105	Gen Chemistry I / Geology & Lab	3
THE2001	Biblical History & Literature III	3	THE3001	Christian Doctrine I	3
SCI2015	Botany - Science Minor Elective*	3	SCI3003	Zoology - Science Minor Elective*	3
Total Credits 15/18			Total Credits 13/16		

Winterim / Field Experience Interim		Total Credits
EDU2401	Early Field Experience II	.5

JUNIOR YEAR					
EDU3348	Tching Science in Mid & Sec Schls	4	EDU4302	Reading in the Content Areas	3
EDU3424	Science Clinical	1	ENG3310	Interpersonal Communication	3
EDU3241	Teaching Science Concepts	3	SCI2001 & SCI2002	Advanced Biology & Lab	3
PSY3020	Psychology of Learning	3	SCIxxxx	Science Elective (See menu below)	3
SCI3025 / SCI4025	Gen Chem II / Chem of Life	3	THE3002	Christian Doctrine II	3
SPE2101	Educating the Exceptional Learner	3			
Total Credits 17			Total Credits 15		

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

SENIOR YEAR					
EDU4353	Student Tchng in Sec Schools I	10	EDU4210	C & I in Elem & Middle Schools	3
EDU4355 (EDU4352)	Student Tchng in Sec Schools II	6	HIS3010	US History Since 1945	3
PSY3031	Adolescent Psychology	3	MUS4201	Lutheran Worship	2
			THE4001	Lutheran Confessional Writings	3
			SCI4105	Science in Our Society	3
			xxxx	Intercultural Elective (See menu below)	3
Total Credits 19			Total Credits 17		

132 Credits

Intercultural Elective Menu (Choose one)

EDU2201	Introduction to Urban Education Ministry	MUS3213	Music in World Cultures
ENG3010	American Minority Writers	SSC4201	Introduction to Minority Cultures

Mathematics Elective Menu

MTH2003	Elements of Math	MTH2011	Calculus II	MTH2020	Elementary Statistics	MTH2023	College Geometry
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Science Electives Menu

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

*Science Minor Elective Menu: (Choose one)

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