## Science – Physics Education Major

MTH2005 (MTH2003) Math for Educators II (2 credits)

### 5.11.2023

#### Requirements

- 136/137 credits for degree
- 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.
- The # before the course number indicated prerequisites for student teaching.

# Successful completion of this major and licensure requirements provides

- students eligibility for:
- WELS Assignment: General Science Grades 5-8, Physics Grades 9-12
- Minnesota Licensure: General Science Grades 5-8 (licensable and state approved), Physics – Grades 9-12 (Currently a non-licensable major for
  - students new to the program; awaiting continued state approval)
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MTH2023 College Geometry

RESHMAN YEAR	<u>Semester I</u>				<u>Semester II</u>		
ENG1303	Rhetoric & Composition		3	EDU3330	Multidisciplinary Teaching in M	dl Schl	3
MTH2010	Calculus I		3	ENG130x	Literature Seminar Option		3
SCI1003 & SCI1004	Biology & Lab		3	MTH2011	Calculus II		3
SC12025	Gen Chem I		3	PED1301	Fitness for Life		1
THE1001	Biblical History & Literature I		3	SCI3025 / XXXX	Gen Chem II / Intercult. Elect.		3
	Fine Arts Elective		3	THE1002			3
XXXX	FINE AITS Elective	Total Credit	ა 18	ITE 1002	Biblical History & Literature II	Total Credits	ა 16
J-Term:	#EDU1401	Early Field Exper	-		Total Crec		
SOPHOMORE YEAR							
HIS2001	US History I		3	#EDU3315	Teach Religion 5-12		3
EDU3241	Teaching Science Concepts		3	PED11xx	2 Phy Ed Activity Courses		1
MTHxxxx	Mathematics Elective (See mer	nu below)	2/3	SCI2102 / SCI3102	Physics: Electricity / Physics: L	iaht	3
SCI2101 / SCI4102	Physics: Mechanics / Physics:		3	SCI3003 / SCI2105	Zoology (Sci Minor) / Geology &		3
SCI2015 / SCI2103	Botany (Science Minor) / Astron		3	SCI3025 / xxxx	Gen Chem II / Intercult. Elect.		3
THE2001	Biblical History & Literature III		3	THE3001	Christian Doctrine I		3
		Total Credit:	17/18			Total Credits	16
J-Term / In	terim: # EDU2401	Early Field Exper	ience I		Total Crec	lits .5	
JUNIOR YEAR							
EDU3355	Tch Sci in M & S (prereq for ED	U3424)	3	EDT3003	Instructional Tech		2
ENG3310	Interpersonal Communication		3	EDU4302	Reading in the Content Areas		3
#PSY3020	Psychology of Learning		3	EDU4210	C & I in Elem & Middle Schools	3	3
SCI2015 / SCI2103	Botany (Science Minor) / Astron	omy	3	SCI2102 / SCI3102	Physics: Electricity / Physics: L	ight	3
SCI2101 / SCI4102	Physics: Mechanics / Physics:		3	SCI3003 / SCI2105	Zoology (Sci Minor) / Geology &		3
THE3002	Christian Doctrine II		3	SCI4105	Science in Our Society		3
		Total Credit	18			Total Credits	18
Interim:	#EDU3405	Individual Field E			predit		
J-Term:	#EDU3424	Science Clinical (	prereq:	EDU3355) 1 ci	redit Total Crec	lits 1.5	
EDU3001	Classroom Management Basic	)S	1	EDU4353	Student Tchg in Sec Schools I		1(
EDU3001 HIS3011	US History II	CS	3	EDU4353 EDU4355	Student Tchg in Sec Schools I Student Tchg in Sec Schools II		1( 6
EDU3001 HIS3011 MUS4201	US History II Lutheran Worship	CS	3 2				
EDU3001 HIS3011 MUS4201 #PSY3031	US History II Lutheran Worship Adolescent Psychology		3 2 3				
EDU3001 HIS3011 MUS4201 #PSY3031 SPE2101	US History II Lutheran Worship Adolescent Psychology Educating the Exceptional Lea	arner	3 2 3 3				
EDU3001 HIS3011 MUS4201 #PSY3031 SPE2101	US History II Lutheran Worship Adolescent Psychology	arner	3 2 3				
EDU3001 HIS3011 MUS4201 #PSY3031 SPE2101	US History II Lutheran Worship Adolescent Psychology Educating the Exceptional Lea	arner	3 2 3 3				
SENIOR YEAR EDU3001 HIS3011 MUS4201 #PSY3031 SPE2101 THE4001	US History II Lutheran Worship Adolescent Psychology Educating the Exceptional Lea Lutheran Confessional Writing	amer IS Total Credit:	3 2 3 3 3 <b>14</b>	EDU4355	Student Tchg in Sec Schools II	Total Credits	
EDU3001 HIS3011 MUS4201 #PSY3031 SPE2101 THE4001 Interim:	US History II Lutheran Worship Adolescent Psychology Educating the Exceptional Lea Lutheran Confessional Writing EDU4500	arner IS	3 2 3 3 3 <b>14</b>	EDU4355		Total Credits	16
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EDU3001 HIS3011 MUS4201 #PSY3031 SPE2101 THE4001 tercultural Elective M DU2201 Introduc DU3352 Teachin	US History II Lutheran Worship Adolescent Psychology Educating the Exceptional Lea Lutheran Confessional Writing EDU4500 Lenu (Choose one) ction to Urban Education Ministry ng World Languages & Culture (4	Total Credit: Portfolio Review	3 2 3 3 3 <b>14</b>	EDU4355 student teachings) SAB200x Study SAB20	Student Tchg in Sec Schools II Total Crec Abroad (3 1-credit courses with sem 001 Semester Abroad Pre-Depart	Total Credits lits .5 136/13 ester abroad)	16
EDU3001 HIS3011 MUS4201 #PSY3031 SPE2101 THE4001 tercultural Elective M DU2201 Introduc DU3352 Teachin NG3010 America	US History II Lutheran Worship Adolescent Psychology Educating the Exceptional Lea Lutheran Confessional Writing EDU4500 Lenu (Choose one) ction to Urban Education Ministry ng World Languages & Culture (4 an Minority Writers	Total Credit: Portfolio Review	3 2 3 3 3 <b>14</b>	EDU4355 student teachings) SAB200x Study SAB20 SAB20	Student Tchg in Sec Schools II Total Crec Abroad (3 1-credit courses with sem 001 Semester Abroad Pre-Depart 002 Semester Abroad In-Country	Total Credits lits .5 136/13 ester abroad)	16
EDU3001 HIS3011 MUS4201 #PSY3031 SPE2101 THE4001 <u>tercultural Elective M</u> DU2201 Introduc DU3352 Teachin NG3010 America IS3026 Immigra	US History II Lutheran Worship Adolescent Psychology Educating the Exceptional Lea Lutheran Confessional Writing EDU4500 Lenu (Choose one) ction to Urban Education Ministry ng World Languages & Culture (4	Total Credit: Portfolio Review	3 2 3 3 3 <b>14</b>	EDU4355 student teachings) SAB200x Study SAB20 SAB20 SAB20 SAB20 SAB20	Student Tchg in Sec Schools II Total Crec Abroad (3 1-credit courses with sem 001 Semester Abroad Pre-Depart	Total Credits lits .5 136/13 ester abroad)	16

MTH2020 Elementary Statistics