

Name: _____ 900# _____



Use this document to learn about specific requirements for your major and accompanying teacher licensure courses, and to work with your academic advisors to plan your course of study and track your progress. Please keep an updated copy of this form and leave the original on file in the School of Education Student Services Office.

For general requirements pertaining to Elementary Education licensure, visit the School of Education website (www.msudenver.edu/education) or stop by the School of Education Student Services Office, WC 162, and **be sure to talk with your advisors.**

Visit your advisors. If you major in Math and seek teacher licensure in Elementary Education, you will have two advisors:

- One in Math
- One in the Elementary Education program

Before you can register for most education courses:

- Apply to the School of Education.
- Obtain provisional and/or formal admission to the program. Some courses require provisional admission, while most advanced courses require formal admission.

There are three parts to this program (described in detail below):

1. GENERAL STUDIES AND ADDITIONAL CONTENT COURSES

The following courses meet Colorado content standards for teachers and are the first courses to focus on completing. All courses required for licensure must be passed with a grade of C or better.

Course	Substitute Course # / Title / College	Credit Hours	When?	Grade	Advisor Initials
ENG 1010-3	Composing Arguments				
ENG 1020-3	Freshman Composition II: Analysis, Research & Documentation				
SPE 1010-3 or SPE 1710-3	Public Speaking Interpersonal Communication				
HIS 1210-3 or HIS 1220-3	American History to 1865 American History since 1865				
ENG 2460-3	Children's Literature				
MUS 3060-3 or ARTH 3060-3	Art and Music for Elementary Teachers (Cross-listed)				
*GEG 1000-3 or *GEG 1920-3	World Regional Geography Concepts & Connections in Geog.				
PSY 1800-3	Developmental Educational Psychology				
SCI 2610-3	Integrated Natural Science I				
SCI 2620-3	Integrated Earth Systems				

* For students under the Fall 2012 catalog year or later, we recommend that you take GEG 1000 because it meets the Global Diversity requirement. GEG 1920 does not meet this requirement and if you choose to take it, you may have to take an additional course to meet this requirement.

**Math majors will meet the General Studies Math requirement through their major coursework.

Continued next page

1. GENERAL STUDIES AND ADDITIONAL CONTENT COURSES (cont'd.)

Course	Substitute Course # / Title / College	Credit Hours	When?	Grade	Advisor Initials
Additional Content Area Courses Needed for Licensure:					
MTH 2620-3*	Integrated Mathematics II				
MTL 3600-3	Mathematics of the Elementary Curriculum				
HPS 2130-2	Health and Physical Education for Elementary				
GENERAL STUDIES & ADDITIONAL CONTENT COURSES TOTAL		38			

*MTH 1610 is a pre-requisite for MTH 2620. See the Math department for an override into MTH 2620.

2. MATH MAJOR COURSES

The following are the course requirements for your major. Please track progress on your major and other graduation requirements on your CAPP report and **see your Math advisor regularly.**

MATH CORE

You must take all courses on the following list (unless otherwise noted), check the college catalog for pre-requisites:

Course		"Met" on CAPP Report?	Course		"Met" on CAPP Report?
MTH 1410-4	Calculus I	<input type="checkbox"/>	MTH 2420-4	Calculus III	<input type="checkbox"/>
MTH 2410-4	Calculus II	<input type="checkbox"/>	MTH 3100-3	Introduction to Mathematical Proofs	<input type="checkbox"/>

Math Core Total:

15 hours

ADVANCED MATH COURSES:

MTH 3110-3	Abstract Algebra	<input type="checkbox"/>	MTH 3650-3	Foundations of Geometry	<input type="checkbox"/>
MTH 3140-4**	Linear Algebra	<input type="checkbox"/>	MTH 4600-1	Seminar in Problem Solving	<input type="checkbox"/>
MTH 3210-4	Probability and Statistics	<input type="checkbox"/>	MTH 4640-4	History of Mathematics	<input type="checkbox"/>
MTH 3470-3	Introduction to Discrete Mathematics and Modeling	<input type="checkbox"/>			

Advanced Math Total:

22 hours

** MTH 3130 and one of the following (MTH 4110, MTH 4150, MTH 4410, or MTH 4660) may substitute MTH 3140

COMPUTER SCIENCE COURSES (Choose one of the following)*:

CS 1030-4*	Living in a Computing World	<input type="checkbox"/>	CSS 1247-4*	Introduction to Programming Visual Basic	<input type="checkbox"/>
CS 1050-4*	Computer Science I	<input type="checkbox"/>	MTH 2510-4*	Computer Programming with Mathematica	<input type="checkbox"/>

Computer Science Total:

4 hours

* Under catalogs prior to 2014-2015, CSS 1247 was MTH 1247, CS 1050 was CSI 1050, and MTH 1510 was an option for this section. MTH 2510 and CS 1030 were added as options under the 2014-2015 catalog.

Summary of Math Major Courses:

Math Core:	15 hours
Advanced Math Courses:	22 hours
Computer Science Courses:	4 hours

MATH MAJOR COURSES TOTAL:

41 HOURS

3. TEACHER EDUCATION COURSES

The courses in the following list (**41-42 credit hours total**) are required for Elementary Education licensure. Courses listed with heavy outlines must be taken together; please see your Elementary advisor for detail on recommended sequence. **Courses required for licensure must be passed with a grade of C or better.**

Course	Substitute Course # / Title / College	Credit Hours	When?	Grade	Advisor Initials
EDU 3000-1	Introduction to Education				
EDU 3200-3	Human Diversity: Applications for Multicultural Education <i>(Counts for Multicultural graduation requirement)</i>				
EDT 3610-2 or EDT 3010-3	Applications of Educational Technology Instructional Delivery for Interactive Learning Environments				
SED 3600-3	Exceptional Learners in the Classroom				
RDG 3110-3	Foundations of Literacy Instruction Grades P-6 <i>(pre-requisite: PSY 1800)</i>				
EDU 3640-3**	Basic Techniques of Instruction, Assessment and Management <i>(pre-requisites: PSY 1800, EDU 3000, EDU 3200, SED 3600)</i>				
EDU 3650-1**	Elementary Instruction, Assessment and Management Field Experience <i>(55 Hours)</i>				
EDU 3660-2**	Teaching Writing K-6				
RDG 4000-3**	Literacy Instruction in Grades K-6 <i>(pre-requisites: EDU 3640, EDU 3650, RDG 3110, History and Social Science General Studies)</i>				
EDU 4100-3**	Integrated Methods of Teaching Language Arts & Social Studies: K-6				
EDU 4105-1**	Integrated Methods of Teaching Language Arts & Social Studies Field Exp. <i>(55 hours)</i>				
EDU 4120-3**	Integrated Methods of Teaching Science, Math and Health: K-6 <i>(pre-requisites: EDU 3640, EDU 3650, MTH 2620, at least 3 credits of Natural Science Gen. Studies)</i>				
EDU 4125-1**	Integrated Methods of Teaching Science, Math and Health Field Exp. <i>(55 Hours)</i>				
EDU 4190-12**	Student Teaching <i>(Counts for Senior Experience graduation requirement)</i>				
TEACHER EDUCATION COURSES TOTAL		41-42			

* Requires at least provisional admission to the teacher licensure program. ** Requires formal admission to the teacher licensure program.

GRAND TOTAL FOR PROGRAM **120 credit hours[†]**

[†] Total of required courses is 112-113 credit hours. Please see your major advisor to choose your additional 7-8 credit hours of electives.

Before you begin student teaching, you will need your education advisor's initials for all courses (except the courses in your major area) and signature below.

Based on my review, this student is eligible to apply for student teaching.

SIGNATURE OF ADVISOR: _____ DATE: _____

Please visit the School of Education website for updated licensure exam requirements for Elementary Education.