



2010-2011 PETITION/PROGRAM SHEET

Degree: Bachelor of Arts

Major: Liberal Arts, Elementary Teaching

Emphasis: Mathematics

www.mesastate.edu/academics/programs.html

About This Major . . .

The Center for Teacher Education offers a comprehensive program of study that leads to licensure in Colorado. Our professors are experienced, knowledgeable, accessible, and dedicated to the improvement of public education. At Mesa State, we pride ourselves on the personal touch. Faculty offer one-on-one guidance for course selection, field placements, student teaching, and employment. Our mission is to develop *Educators as Innovators*; we are always looking to improve the quality of learning in our programs and K-12 schools.

As a student, you will gradually accumulate over 200 hours of classroom experience before beginning student teaching. School districts throughout western Colorado provide opportunities to gain experience with children of all ages and backgrounds in a variety of school settings.

The elementary licensure program provides teacher education candidates with a broad content knowledge and prepares them as teachers for grades kindergarten through six. A minimum of 60 credit hours of general education and content area coursework must be completed with a minimum GPA of 2.80 before a candidate may apply for admission to the Center for Teacher Education elementary licensure program. Please see the Teacher Education Admission Packet for further information on admissions criteria. EDUC 211, *Foundations of Education*, must be taken before applying to the program.

POLICIES:

1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the MSC Catalog for a complete list of graduation requirements.
2. You must turn in your "Intent to Graduate" form to the Registrar's Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.**
3. This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.**
4. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature.
5. Finally, the Department Head or the department administrative assistant will take the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
6. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your "Intent to Graduate" does not automatically move to a later graduation date.
7. NOTE: The semester before graduation, you will be required to take a Major Field Achievement Test (exit exam).

NAME: _____ STUDENT ID # _____

LOCAL ADDRESS AND PHONE NUMBER: _____

_____ () _____

I, (Signature) _____, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

Signature of Teacher Education Advisor

Date

Signature of Content Advisor

Date

Signature of Department Head

Date

Signature of Registrar

Date

Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration.

Degree Requirements:

- 125-126 semester hours total (A minimum of 28 taken at MSC in no fewer than two semesters).
- 40 upper division credits (A minimum of 15 taken at the 300-400 course levels within the major at MSC).
- 2.80 cumulative GPA or higher in all MSC coursework
- 2.80 cumulative GPA or higher in coursework toward the major content area
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- A cumulative grade point average of 2.8 or higher must be maintained for each of 3 areas: content courses, education courses and overall GPA
- A student must follow the MSC graduation requirements either from 1) the program sheet for the major in effect at the time the student officially declares a major; or 2) a program sheet for the major approved for a year subsequent to the year during which the student officially declares the major and is approved for the student by the department head. Because a program may have requirements specific to the degree, the student should check with the faculty advisor for additional criteria. It is the student's responsibility to be aware of, and follow, all requirements for the degree being pursued. Any exceptions or substitutions must be approved by the student's faculty advisor and Department Head.
- When filling out the program sheet a course can be used only once.
- See the "Undergraduate Graduation Requirements" in the Mesa State College catalog for additional graduation information.
- Students must PASS the PLACE or PRAXIS II exam in the content area prior to beginning the internship. Also, ALL other coursework toward the degree must be successfully completed prior to the internship.

GENERAL EDUCATION REQUIREMENTS (31 semester hours)

See the current Mesa State College catalog for a list of courses that fulfill the requirements below. If a course is on the general education list of options and a requirement for your major, you must use it to fulfill the major requirement and make a different selection within the general education requirement.

Course	No	Title	Sem.hrs	Grade	Term/Trns
--------	----	-------	---------	-------	-----------

English (6 semester hours, must receive a grade of "B" or better and must be completed by the time the student has 60 semester hours.)

ENGL 111	English Composition	3	_____	_____
ENGL 112	English Composition	3	_____	_____

Math: MATH 205 (3 semester hours) Must be taken after MATH 105. Must receive a grade of "C" or better, must be completed by the time the student has 60 semester hours.

MATH 205	Elements of Mathematics II	3	_____	_____
----------	----------------------------	---	-------	-------

Humanities (3 semester hours)

ENGL**	_____	_____	_____	_____
--------	-------	-------	-------	-------

*Chosen from 131, 132, 150, 222, 231, 232, 254, 255, 261, 262

Social and Behavioral Sciences (6 semester hours)

*PSYC 233	Human Growth & Development	3	_____	_____
-----------	----------------------------	---	-------	-------

GEOG 103	World Regional Geography	3	_____	_____
----------	--------------------------	---	-------	-------

*Must earn a "B" or higher

Course	No	Title	Sem.hrs	Grade	Term/Trns
--------	----	-------	---------	-------	-----------

Fine Arts (3 semester hours)

_____	_____	_____	_____	_____	_____
-------	-------	-------	-------	-------	-------

History (3 semester hours)

HIST 131	United States History	3	_____	_____
----------	-----------------------	---	-------	-------

Natural Sciences (7 semester hours, one course must include a lab)

BIOL 101	General Human Biology	3	_____	_____
----------	-----------------------	---	-------	-------

BIOL 101L	General Human Biology Lab	1	_____	_____
-----------	---------------------------	---	-------	-------

PHYS 100	Concepts of Physics	3	_____	_____
----------	---------------------	---	-------	-------

OR

PHYS 105/105L	Physics by Inquiry and Lab	3	_____	_____
---------------	----------------------------	---	-------	-------

OTHER LOWER DIVISION REQUIREMENTS (6 semester hours)

Kinesiology (3 semester hours)

KINE 100	Health and Wellness	1	_____	_____
----------	---------------------	---	-------	-------

KINA 1	_____	1	_____	_____
--------	-------	---	-------	-------

KINA 1	_____	1	_____	_____
--------	-------	---	-------	-------

Applied Studies (3 semester hours)

SPCH 102	Speechmaking	3	_____	_____
----------	--------------	---	-------	-------

Must earn a "B" or higher

DEGREE DISTINCTION REQUIREMENTS (6 semester hours)

Two **consecutive** classes in the **same** foreign language. Must receive a grade of "C" or better. FLAS 114 & 115 will **NOT** fulfill this requirement.

FLA	_____	_____	_____	_____
-----	-------	-------	-------	-------

FLA	_____	_____	_____	_____
-----	-------	-------	-------	-------

MAJOR REQUIREMENTS: LIBERAL ARTS CORE

(36 Semester Hours)

Literacy: (9 semester hours)

ENGL 240	Children's Literature	3	_____	_____
----------	-----------------------	---	-------	-------

ENGL 245	Imaginative Writing	3	_____	_____
----------	---------------------	---	-------	-------

ENGL 343	Language Systems and			
----------	----------------------	--	--	--

Linguistic Diversity	3	_____	_____
----------------------	---	-------	-------

Mathematics: (6 semester hours)

*MATH 105	Elements of Mathematics I	3	_____	_____
-----------	---------------------------	---	-------	-------

MATH 301	Math for Elementary Teachers	3	_____	_____
----------	------------------------------	---	-------	-------

*Must earn a "C" or higher

Kinesiology: (3 semester hours)

KINE 320	Methods of Teaching Physical			
----------	------------------------------	--	--	--

Ed in Elementary Schools	3	_____	_____
--------------------------	---	-------	-------

Social Sciences: (9 semester hours)

POLS 101	American Government	3	_____	_____
----------	---------------------	---	-------	-------

ECON 201	Principles of Macroeconomics	3	_____	_____
----------	------------------------------	---	-------	-------

HIST 225	History of Colorado	3	_____	_____
----------	---------------------	---	-------	-------

Science: (6 semester hours)

CHEM 100	Chemistry and Society	3	_____	_____
----------	-----------------------	---	-------	-------

GEOL 100	Survey of Earth Science	3	_____	_____
----------	-------------------------	---	-------	-------

Art: (3 semester hours)

ARTD 410*	Elementary Art Ed Methods	3	_____	_____
-----------	---------------------------	---	-------	-------

*Prerequisites: EDUC 211, EDUC 341, EDUC 343

Course No	Title	Sem.hrs	Grade	Term/Trns
-----------	-------	---------	-------	-----------

MATH CONTENT AREA (15 semester hours)

Required Courses: (12 semester hours)

STAT 200	Probability and Statistics	3	_____	_____
CSCI 110	Beginning Programming	3	_____	_____

*Select one of the following: MATH 151 or MATH 146

*MATH 151	Calculus I	5	_____	_____
-----------	------------	---	-------	-------

OR

*MATH 146	Calculus for Biological Sciences	5	_____	_____
-----------	----------------------------------	---	-------	-------

MATH 394	Mathematics Colloquium	1	_____	_____
----------	------------------------	---	-------	-------

Course No	Title	Sem.hrs	Grade	Term/Trns
-----------	-------	---------	-------	-----------

Concentration: 3 semester hours chosen from Concentration Electives below (make sure all prerequisites are met):

_____	_____	3	_____	_____
-------	-------	---	-------	-------

Concentration: (3 semester hours)

Choose one course from the following:

MATH 305 Euclidean Geometry (3)

MATH 369 Discrete Structures (3)

STAT 311 Statistical Methods (3)

MATH 340 Ethnomathematics (3)

Elementary Education Requirements (32 semester hours – 840 Field Experience Hours)

***Prerequisites:** ENGL 111, ENGL 112, SPCH 102, PSYC 233, EDUC 211 (all with a grade of B or better), and MATH 105 with grade of C or better and formal acceptance into the Teacher Education Program.

EDUC 211	Foundations of Education	2	_____	_____	2 semester hours	20 Field Experience Hours
EDUC 341*	Pedagogy & Assessment: K-6/Elementary	3	_____	_____	3 semester hours	20 Field Experience Hours
EDUC 343*	Teaching to Diversity	3	_____	_____	3 semester hours	20 Field Experience Hours
EDUC 441	Methods of Teaching Lang. & Literacy: EL	6	_____	_____	6 semester hours	60 Field Experience Hours
EDUC 451	Methods of Teaching Math: EC/EL	3	_____	_____	3 semester hours	60 Field Experience Hours
EDUC 461	Methods of Teaching Science & Social Science: EC/EL	3	_____	_____	3 semester hours	60 Field Experience Hours
EDUC 499C	Teaching Internship/Colloq.: EL	12	_____	_____	12 semester hours	600 Field Experience Hours

****All EDUC prefix courses listed above must be completed with a grade of B or better to progress through the program sequence.**

SUGGESTED COURSE SEQUENCING FOR A MAJOR IN LIBERAL ARTS MATH – LEADING TO ELEMENTARY TEACHER LICENSURE

This is a recommended sequence of course work. Certain courses may have prerequisites or are only offered during the Fall or Spring semesters. It is the student's responsibility to meet with the assigned advisor and check the 2 year course matrix on the Mesa State website for course availability.

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Hours</u>	<u>Spring Semester</u>	<u>Hours</u>
ENGL 111 English Composition	3	ENGL 112 English Composition	3
Degree Distinction (Foreign Language)	3	Degree Distinction (Foreign Language)	3
HIST 131 United States History	3	SPCH 102 Speechmaking	3
PSYC 233 Human Growth and Development	3	GEOL 100 Survey of Earth Science	3
PHYS 100 Concepts of Physics OR		MATH 105 Elements of Mathematics I	3
PHYS 105 Physics by Inquiry AND	2	KINA Activity	<u>1</u>
PHYS 105L Physics by Inquiry Lab	1		16
KINA Activity	<u>1</u>		
	16		

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Hours</u>	<u>Spring Semester</u>	<u>Hours</u>
BIOL 101 General Human Biology	3	ENGL 240 Children's Literature	3
BIOL 101L General Human Biology Lab	1	HIST 225 History of Colorado	3
ENGL ____ General Education Humanities (English)	3	General Education Fine Arts	3
KINE 100 Health and Wellness	1	MATH 151 Calculus I OR	
STAT 200 Probability and Statistics	3	MATH 146 Calculus for Biological Sciences	5
MATH 205 Elements of Mathematics II	3	*EDUC 211 Foundations of Education	<u>2</u>
ECON 201 Principles of Macroeconomics	<u>3</u>		16
	17		

*Must be taken prior to acceptance into the Center for Teacher Education. Offered in summer, fall and spring semesters.

JUNIOR YEAR

<u>Fall Semester</u>	<u>Hours</u>	<u>Spring Semester</u>	<u>Hours</u>
POLS 101 American Government	3	MATH 301 Mathematics for Elementary Teachers	3
EDUC 341 Pedagogy and Assessment: Elementary	3	ENGL 343 Language Systems/Linguistic Diversity	3
EDUC 343 Teaching to Diversity	3	ARTD 410 Elementary Art Methods	3
CSCI 110 Beginning Programming	3	KINE 320 Elementary Physical Education Methods	3
ENGL 245 Imaginative Writing	3	GEOG 103 World Regional Geography	3
MATH Concentration Course*	<u>3</u>	CHEM 100 Chemistry and Society	<u>3</u>
	18		18

*Chosen from MATH 340, MATH 369, MATH 305, or STAT 311

SENIOR YEAR

<u>Fall Semester</u>	<u>Hours</u>	<u>Spring Semester</u>	<u>Hours</u>
EDUC 441 Meth. of Teaching Language/Literature	6	EDUC 499C Teaching Internship/Colloq.: Elementary	<u>12</u>
EDUC 451 Methods of Teaching Mathematics	3		12
EDUC 461 Meth. of Teaching Science/Social Studies	3		
MATH 394 Mathematics Colloquium	<u>1</u>		
	13		