



2008 – 09 PETITION/PROGRAM SHEET

Degree: Bachelor of Arts

Major: Liberal Arts, Elementary Teaching

Emphasis: Mathematics

www.mesastate.edu/schools/shss/education/liberal-arts-degree.htm

About This Major . . .

The Center for Teacher Education offers an innovative, holistic program of study that leads to licensure in Colorado for Elementary Education (grades K-6). At Mesa State we pride ourselves on the personal touch. Our professors are experienced, knowledgeable, accessible and intensely dedicated to the improvement of public education. Faculty offer one-on-one guidance for course selection, field placements, student teaching and employment. Our motto is "Educators as Innovators," which means we are always looking for ways to improve the quality of learning in our programs and in the schools in which we work.

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 a broad field content knowledge and prepares them as teachers for grades K-6. 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. You must be formally accepted into the Teacher Education Program before taking education courses. Please see the Teacher Education Admission Packet for further information on admissions criteria.

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:

- Must earn 125-126 semester hours total and meet the academic residency requirements to earn a baccalaureate degree at Mesa State College.
- 40 upper division credits (i.e., 300-level and 400-level courses).
- 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
- Program sheets are for advising purposes only. Because a program may have requirements specific to the degree, check with your advisor for additional guidelines, including prerequisites, grade point averages, grades, exit examinations, and other expectations. It is the student's responsibility to be aware of, and follow, all guidelines for the degree being pursued. Any exceptions or substitutions must be approved by the faculty advisor and/or Department Head. Courses related to teacher licensure must also be approved by the Teacher Education Dept.
- 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 commencing 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
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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	_____	_____	_____

(ENGL 129, Honors English, may be substituted for ENGL 111 & ENGL 112.)

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	_____	_____	_____
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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	_____	_____	_____
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GEOG 103	World Regional Geography	3	_____	_____	_____
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*Must earn a "B" or higher

Fine Arts (3 semester hours)

_____	_____	_____	_____	_____	_____
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Course	No	Title	Sem.hrs	Grade	Term/Trns
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History (3 semester hours)

HIST 131	United States History	3	_____	_____	_____
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Natural Sciences (7 semester hours, one course must include a lab)

BIOL 101	General Human Biology	3	_____	_____	_____
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BIOL 101L	General Human Biology Lab	1	_____	_____	_____
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PHYS 100	Concepts of Physics	3	_____	_____	_____
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OR

PHYS 105/105L	Physics by Inquiry and Lab	3	_____	_____	_____
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OTHER LOWER DIVISION REQUIREMENTS (6 semester hours)

Kinesiology (3 semester hours)

KINE 100	Health and Wellness	1	_____	_____	_____
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KINA 1	_____	1	_____	_____	_____
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KINA 1	_____	1	_____	_____	_____
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Applied Studies (3 semester hours)

SPCH 102	Speechmaking	3	_____	_____	_____
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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	_____	_____	_____	_____	_____
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FLA	_____	_____	_____	_____	_____
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MAJOR REQUIREMENTS: LIBERAL ARTS CORE

(36 Semester Hours)

Literacy: (9 semester hours)

ENGL 240	Children's Literature	3	_____	_____	_____
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ENGL 245	Imaginative Writing	3	_____	_____	_____
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ENGL 343	Language Systems and				
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Linguistic Diversity	3	_____	_____	_____
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Mathematics: (6 semester hours)

*MATH 105	Elements of Mathematics I	3	_____	_____	_____
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MATH 301	Math for Elementary Teachers	3	_____	_____	_____
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*Must earn a "C" or higher

Kinesiology: (3 semester hours)

KINE 320	Methods of Teaching Physical				
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Ed in Elementary Schools	3	_____	_____	_____
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Social Sciences: (9 semester hours)

POLS 101	American Government	3	_____	_____	_____
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ECON 201	Principles of Macroeconomics	3	_____	_____	_____
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HIST 225	History of Colorado	3	_____	_____	_____
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Science: (6 semester hours)

CHEM 100	Chemistry and Society	3	_____	_____	_____
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GEOL 100	Survey of Earth Science	3	_____	_____	_____
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Art: (3 semester hours)

ARTE 410*	Elementary Art Ed Methods	3	_____	_____	_____
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*Prerequisites: EDUC 211, EDUC 341, EDUC 343

Course No	Title	Sem.hrs	Grade	Term/Trns
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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	_____	_____
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OR

*MATH 146	Calculus for Biological Sciences	5	_____	_____
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MATH 394	Mathematics Colloquium	1	_____	_____
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Concentration: 3 semester hours chosen from MATH 369, MATH 305, or STAT 311 (make sure all prerequisites are met):

_____	_____	3	_____	_____
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Concentration: (3 semester hours)

Choose one course from the following:

MATH 305 Euclidean Geometry

MATH 369 Discrete Structures

STAT 311 Statistical Methods

MATH 340 Ethnomathematics

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 semester hours
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*EDUC 341	Pedagogy & Assessment: K-6/Elementary	3 semester hours
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*EDUC 343	Teaching to Diversity	3 semester hours
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EDUC 441	Methods of Teaching Language & Literacy: EL	6 semester hours
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EDUC 451	Methods of Teaching Math: EC/EL	3 semester hours
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EDUC 461	Methods of Teaching Science & Social Studies: EC/EL	3 semester hours
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EDUC 499C	Teaching Internship and Colloquium: EL	12 semester hours
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20 Field Experience Hours

20 Field Experience Hours

20 Field Experience Hours

} 180 Field Experience Hours

600 Field Experience Hours

Course No	Title	Sem.hrs	Grade	Term/Trns
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EDUCATION AND LICENSURE REQUIREMENTS:

(32 Semester 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	_____	_____
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EDUC 341*	Pedagogy & Assessment: K-6/Elementary	3	_____	_____
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EDUC 343*	Teaching to Diversity	3	_____	_____
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EDUC 441	Methods of Teaching Language & Literacy: EL	6	_____	_____
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EDUC 451	Methods of Teaching Math: EC/EL	3	_____	_____
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EDUC 461	Methods of Teaching Science & Social Studies: EC/EL	3	_____	_____
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EDUC 499C	499C Teaching Internship & Colloquium: EL	12	_____	_____
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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	ARTE 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 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 Math	3		12
EDUC 461 Meth. of Teaching Science/Social Studies	3		
MATH 394 Mathematics Colloquium	<u>1</u>		
	13		