



2006 – 07 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.

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	_____ 20_____ Date
_____ Signature of Content Advisor	_____ 20_____ Date
_____ Signature of Department Head	_____ 20_____ Date
_____ Signature of Registrar	_____ 20_____ Date

- Must earn 125-126 semester hours and meet the academic residency requirements to earn a baccalaureate degree at Mesa State College.
- Must earn a minimum of 40 semester hours in upper division courses (i.e., 300-level and 400-level courses).
- A cumulative grade point average of 2.8 or higher must be maintained for each of 3 areas: content courses, education courses and overall g.p.a.
- When filling out this program sheet a course can only be used once, i.e., no double counting is allowed between categories.
- Excess KINA/HPWE courses beyond the two required and pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- All degree requirements must be completed as described. Any exceptions or substitutions must be recommended in advance by the faculty advisor, approved by the Department Head and the Teacher Education Department.
- It is recommended that students work closely with a faculty advisor when selecting courses and scheduling classes prior to registration.
- 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 (Minimum of 33 semester hours)

English: ENGL 111 and 112 (6 semester hours, must receive a grade of "B" or higher, must be completed by the time the student has 60 semester hours.)

*#ENGL _____ 3 _____ _____ _____ _____

*#ENGL _____ 3 _____ _____ _____ _____

*ENGL 129, Honors English, may be substituted for ENGL 111 and ENGL 112. Must earn a grade of "B" or better. May need to take additional electives.

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 3 _____ _____ _____ _____

Humanities: (6 semester hours)

HIST _____ 131 3 _____ _____ _____ _____

ENGL** _____ 3 _____ _____ _____ _____

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

Social and Behavioral Sciences: (6 Semester Hours)

#PSYC _____ 233 3 _____ _____ _____ _____

GEOG _____ 103 3 _____ _____ _____ _____

Fine Arts: (3 semester hours)

_____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____

Natural Sciences: (6-7 semester hours)

(At least one course must include a lab)

BIOL _____ 101 3 _____ _____ _____ _____

BIOL _____ 101L 1 _____ _____ _____ _____

PHYS _____ 100 OR _____ _____ _____ _____

_____ 105 & _____ _____ _____ _____

_____ 105L 3 _____ _____ _____ _____

Applied Studies: (3 semester hours)

#SPCH _____ 102 3 _____ _____ _____ _____

Must receive a grade of "B" or higher.

Other Requirements (9 semester hours)

Kinesiology: (3 Semester Hours)

Course No. Credit Grade Term Year Trns/Subs

KINE/HPWA _____ 100 1 _____ _____ _____ _____

KINA/HPWE _____ 1 _____ _____ _____ _____

KINA/HPWE _____ 1 _____ _____ _____ _____

See the M.S.C. catalog for the list of approved KINA/HPWE /Selected DANC courses.

Bachelor of Arts Degree Distinction: (6 semester hours)

(Two consecutive classes in the same foreign language.)

Course No. Credit Grade Term Year Trns/Subs

FLA _____ 3 _____ _____ _____ _____

FLA _____ 3 _____ _____ _____ _____

(FLAS 114 & 115 will NOT fulfill this requirement.) (Must receive a grade of "C" or above.)

MAJOR REQUIREMENTS: LIBERAL ARTS CORE (36 Semester Hours)

Literacy: (9 semester hours)

Course No. Credit Grade Term Year Trns/Subs

ENGL _____ 240 3 _____ _____ _____ _____

ENGL _____ 245 3 _____ _____ _____ _____

ENGL _____ 343 3 _____ _____ _____ _____

Mathematics: (6 semester hours)

MATH _____ 105 3 _____ _____ _____ _____

MATH _____ 301 3 _____ _____ _____ _____

Kinesiology: (3 semester hours)

KINE/HPWA _____ 320 3 _____ _____ _____ _____

Social Sciences: (9 semester hours)

Course No. Credit Grade Term Year Trns/Subs

POLS _____ 101 3 _____ _____ _____ _____

ECON _____ 201 3 _____ _____ _____ _____

HIST _____ 225 3 _____ _____ _____ _____

Science: (6 semester hours)

CHEM _____ 100 3 _____ _____ _____ _____

GEOL _____ 100 3 _____ _____ _____ _____

Art: (3 semester hours)

ARTE _____ 410* 3 _____ _____ _____ _____

*Prerequisites: EDUC 211, EDUC 341, EDUC 343

MATH CONTENT AREA (15 semester hours)

Course	No.	Credit	Grade	Term	Year	Trns/Subs	Course	No.	Credit	Grade	Term	Year	Trns/Subs
Required Courses: (12 semester hours)							Concentration: 3 semester hours chosen from MATH 369, MATH 305, or STAT 311 (make sure all prerequisites are met):						
STAT	200	3	_____	_____	_____	_____	_____	_____	3	_____	_____	_____	_____
CSCI	110	3	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
*Select one of the following: MATH 151 or MATH 146													
*MATH	_____	5	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
MATH	394	1	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

EDUCATION AND LICENSURE REQUIREMENTS: (32 Semester Hours)

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

Course	No.	Credit	Grade	Term	Year	Trns/Subs	Course	No.	Credit	Grade	Term	Year	Trns/Subs
EDUC	211*	2	_____	_____	_____	_____	EDUC	451	3	_____	_____	_____	_____
EDUC	341	3	_____	_____	_____	_____	EDUC	461	3	_____	_____	_____	_____
EDUC	343	3	_____	_____	_____	_____	EDUC	499C	12	_____	_____	_____	_____
EDUC	441	6	_____	_____	_____	_____							

GRADUATION INFORMATION

See the "Undergraduate Graduation Requirements" in the Mesa State College catalog for additional graduation information.
A 2.8 Minimum Cumulative Grade Point Average is required.

GENERAL EDUCATION REQUIREMENTS (Minimum 33 Semester Hours)

The following courses are required for this major and may be used to satisfy the General Education Requirements.

English – 6 Semester Hours
ENGL 111 and ENGL 112 **or** ENGL 129 (*by permission*)
(Must be **completed** before student has 60 semester hours. Must receive grade of "B" or higher.)

Mathematics – 3 Semester Hours:
MATH 205 Elements of Mathematics II
(Must be **completed** after MATH 105. Must receive grade of "C" or higher.)

Humanities – 6 semester hours
HIST 131 U.S. History **and**
Choose one course from: ENGL 131, ENGL 132, ENGL 150, ENGL 222, ENGL 231, ENGL 232, ENGL 254, ENGL 255, ENGL 261, ENGL 262

Social and Behavioral Sciences – 6 semester hours
PSYC 233 Human Growth and Development (Must receive a grade of "B" or higher.)
GEOG 103 World Regional Geography

Fine Arts – 3 semester hours (See current Mesa State College for list of eligible General Education Fine Arts courses.)

Natural Sciences – Minimum 6 semester hours, 7 actual semester hours of specific courses (At least one course must include a lab.)
BIOL 101 General Human Biology
BIOL 101L General Human Biology Lab
PHYS 100 Concepts of Physics **OR** PHYS 105 **and** PHYS 105L Physics by Inquiry

Applied Studies – 3 semester hours
SPCH 102 Speechmaking (Must receive a grade of "B" or higher.)

OTHER REQUIREMENTS (9 Semester Hours)

Kinesiology – 3 Semester Hours
Each student must take KINE/HPWA 100 together with two KINA/HPWE/Selected DANC courses. See current catalog for listing.

Degree Distinction – 6 Semester Hours
*(Two **consecutive** classes in the same foreign language.) Select from one of the following sequences:
FLAF 111 *followed by* FLAF 112 **or** FLAG 111 *followed by* FLAG 112
Or FLAS 111 *followed by* FLAS 112 **or** Two **consecutive** classes in the **same** foreign language.
*(FLAS 114 & 115 will **NOT** fulfill this requirement. **Must** receive a grade of "C" or above in **both** classes.)

Liberal Arts: Math – Leading to Elementary Teacher Licensure (83 Semester Hours)

Liberal Arts Core: (36 Semester Hours)

Literacy: (9 semester hours)

ENGL 240 Children's Literature
ENGL 245 Imaginative Writing
ENGL 343 Language Systems and Linguistic Diversity

Mathematics: (6 semester hours)

MATH 105 Elements of Mathematics I
MATH 301 Math for Elementary Teachers

Social Science: (9 semester hours)

POLS 101 American Government
ECON 201 Principles of Macroeconomics
HIST 225 History of Colorado

Science: (6 semester hours)

CHEM 100 Chemistry and Society
GEOL 100 Survey of Earth Science

Kinesiology: (3 semester hours)

KINE/HPWA 320 Methods of Teaching Physical Education in Elementary Schools

Art: (3 semester hours)

ARTE 410 Elementary Art Education Methods

Math Content Area: (15 Semester Hours)

Required Courses: (12 semester hours)

STAT 200 Probability and Statistics
CSCI 110 Beginning Programming
MATH 151 Calculus I **or** MATH 146 Calculus for Biological Sciences
MATH 394 Mathematics Colloquium

Concentration: (3 semester hours)

Choose one course from the following:
MATH 305 Euclidean Geometry
MATH 369 Discrete Structures
STAT 311 Statistical Methods

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

EDUC 211 Foundations of Education	2 semester hours	20 Field Experience Hours
EDUC 341 Pedagogy & Assessment: K-6/Elementary	3 semester hours	20 Field Experience Hours
EDUC 343 Teaching to Diversity	3 semester hours	20 Field Experience Hours
EDUC 441 Methods of Teaching Language & Literacy: EL	6 semester hours	} 180 Field Experience Hours
EDUC 451 Methods of Teaching Math: EC/EL	3 semester hours	
EDUC 461 Methods of Teaching Science & Social Studies: EC/EL	3 semester hours	} 600 Field Experience Hours
EDUC 499C Teaching Internship and Colloquium: EL	12 semester hours	

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 internship.

All degree requirements must be completed as described above. Any exceptions or substitutions must be recommended in advance by the faculty advisor, approved by the Department Head and the Teacher Education Department.

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 their advisor and check the 2 year course matrix on the Mesa State website for course availability.

FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
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/HPWE Activity	<u>1</u>
PHYS 105L Physics by Inquiry Lab	1		16
KINA/HPWE Activity	<u>1</u>		
	16		

SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
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/HPWA 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	POLS 101 American Government	<u>3</u>
ECON 201 Principles of Macroeconomics	<u>3</u>		17
	17		

JUNIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
EDUC 211 Foundations of Education	2	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/HPWA 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>
	17		18

SENIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
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>		
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*Chosen from MATH 369, MATH 305, or STAT 311