



## 2008 – 09 PETITION/PROGRAM SHEET

Degree: Associate of Science

Major: Liberal Arts

Emphasis: Geology

[www.mesastate.edu/schools/snsn/geology/](http://www.mesastate.edu/schools/snsn/geology/)

### About This Emphasis . . .

The Associate of Science (A.S.) degree is designed for students who intend to continue their education and obtain a baccalaureate degree. The A.S. is the appropriate choice for students who will take upper division coursework in mathematics, biological sciences, and physical sciences. The degree program includes the Colorado Statewide General Education Core and meets the lower division general education requirements at most public institutions in Colorado. A number of emphases are available within the A.S. degree. Students choosing one of these emphases will take courses in a discipline in addition to the general education core.

An Associate of Science (A.S.) degree with a geology emphasis is offered through the Physical and Environmental Sciences Department. This degree prepares students for employment as geological technicians in government and industry, or for entrance into the geology baccalaureate program at Mesa State College or other four-year institutions. The curriculum includes basic courses in geology as well as general-education courses. All of the geology courses place emphasis on the spectacular geologic features in western Colorado and eastern Utah.

### 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 may 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 Advisor

\_\_\_\_\_  
Date

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\_\_\_\_\_  
Signature of Department Head

\_\_\_\_\_  
Date

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\_\_\_\_\_  
Signature of Registrar

\_\_\_\_\_  
Date

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

**Degree Requirements:**

- 60 semester hours are required for the Associate of Science degree. Must meet the academic residency requirements.
- 2.00 cumulative GPA or higher in all MSC coursework
- A grade of "C" or higher must be earned in coursework toward major content area.
- A grade of "C" or higher must be earned in all general education courses in order to be accepted for the transfer under the Core Transfer Agreements.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- 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.
- 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.

**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 "C" or better and must be completed by the time the student has 60 semester hours.)

ENGL 111	English Composition	3			
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ENGL 112	English Composition	3			
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(ENGL 129, Honors English, may be substituted for ENGL 111 & ENGL 112..)

**Math:** MATH 113 or higher (3 semester hours, must receive a grade of "C" or better, must be completed by the time the student has 60 semester hours.)

MATH 113	College Algebra	4*			
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\*3 credits apply to the General Ed requirements and 1 credit applies to Geology Specialization Courses

**Humanities** (3 semester hours)

**Social and Behavioral Sciences** (6 semester hours)

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

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

HIST					
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**Fine Arts** (3 semester hours)

**OTHER LOWER DIVISION REQUIREMENTS** (5 semester hours)

**Kinesiology** (2 semester hours)

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

**GEOLOGY EMPHASIS CORE REQUIREMENTS**

(25 semester hours)

**Core Classes**

Must choose either: GEOL 111/111L or GEOL 113/113L

GEOL 111	Principles of Physical Geology	3			
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GEOL 111L	Principles of Physical Geology Lab	1			
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**OR**

GEOL 113	Field Based Intro to Physical Geology	3			
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GEOL 113L	Field Based Intro to Physical Geology Lab	1			
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Either GEOL 111/111L or GEOL 113/113L may be taken for credit, but not both.

GEOL 112	Principles of Historical Geology	3			
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GEOL 112L	Principles of Historical Geology Lab	1			
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GEOL 250	Environmental Geology	3			
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**Required Geology Specialization Courses** (14 Semester Hours) To be selected in consultation with student's advisor

*MATH 113	College Algebra	1			
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## SUGGESTED COURSE SEQUENCING FOR THE ASSOCIATE OF SCIENCE WITH A MAJOR IN LIBERAL ARTS - EMPHASIS IN GEOLOGY

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

<b>Fall Semester</b>		<b>Hours</b>	<b>Spring Semester</b>		<b>Hours</b>
GEOL 111	Principles of Physical Geology <u>and</u>		GEOL 112	Principles of Historical Geology	3
GEOL 111L	Principles of Physical Geology Lab <u>or</u>		GEOL 112L	Principles of Historical Geology Lab	1
GEOL 113	Field Based Intro to Phys. Geology <u>and</u>	3	ENGL 112	English Composition	3
GEOL 113L	Field Based Intro to Phys. Geol. Lab	1	General Education Natural Science		4
ENGL 111	English Composition	3	General Education Social/Behavioral Science		3
MATH 113	College Algebra (or higher)	4	KINA	Activity	<u>1</u>
Elective		3			15
KINE 100	Health and Wellness	<u>1</u>			
		15			

### SOPHOMORE YEAR

<b>Fall Semester</b>		<b>Hours</b>	<b>Spring Semester</b>		<b>Hours</b>
GEOL 250	Environmental Geology	3	Geology Specialization Selection		4
Geology Specialization Selections		6	Geology Specialization Selection		4
General Education Humanities		3	General Education Humanities		3
General Education Natural Science		<u>4</u>	General Education Social/Behavioral Science		<u>3</u>
		16			14