COLORADO MESA UNIVERSITY

Undergraduate Curriculum Committee
Meeting Minutes
November 15, 2018
UCC 222

Members Present: Richard Bell (for Keith Fritz), Lisa Driskell, Eric Elliott, Ann Gillies, Lucy Graham, Geoffrey Gurka, Jennifer Hancock, Sarah Lanci, Sam Lohse, Denise McKenney, Joseph Quesenberry, John Seebach, and Jill Van Brussel.

Members Absent: Sean Flanigan.

Ex-officio members present: Maggie Bodyfelt, Morgan Bridge, Janel Davis, Rose Petralia, and Johanna Varner.

Guests: Cassandra Fenton, Larry Jones, and Stephen Merino.

Recording Secretary: Emily Dodson

Chair Driskell called the meeting to order at 3:31.

I. Announcements

II. Ex-Officio Reports

A. Assistant Vice President of Academic Affairs for Assessment and Accreditation Bridge reminded the committee to inform her of any major program changes before completing the proposal process.

The Assessment Committee has informed Faculty Senate of a new SLO program. This program will highlight a single, campus-wide SLO each spring semester, and departments will develop related activities that coordinate with their programs. These activities will help students develop a deeper understand of how the SLOs are integrated in to their educational experiences.

B. Registrar's Office
No updates.

C. Financial Aid
No updates.

D. Library
No updates.

E. Catalog Description Reviewer
No updates.

F. Essential Learning
No updates.

COLORADO MESA UNIVERSITY

III. Curriculum Proposals

Summary of committee actions on curriculum proposals begins on page 3.
Further details of proposals begin on page 6.

IV. New and Returning Business

A. Review of Foundation Courses Text

The committee reviewed Foundation Course text as presented in the Curriculum Policies and Procedures Manual. It was determined that a limit of 27 hours for Foundation Courses should be specified to better clarify the limits on Foundation Course allowances. This will improve UCC's ability to enforce the current policy and better clarify these limits for proposing parties. **Motion: To approve moving forward with the development of text specifying a limit of 27 hours for Foundation Courses (Elliot/Graham).** It was decided that a draft of the text will be presented at the December meeting. **Motion carried unanimously.** Additional details are provided on page 33.

B. Topics Course Limit

The committee revisited the discussion on limitations for offering topics courses as outlined in the Curriculum Policies and Procedures Manual. Currently, a topics course may be offered twice before it must no longer be offered or be proposed as a new course. The committee agreed that it would benefit programs and students if the rule were revised as follows:

> Topics courses may be offered up to three times within a six-year timeframe, with a new course proposal submission due during the semester of the third offering. The topic will then no longer be eligible to be offered as a topics course and may only be offered as a standard course.

Motion: To move forward with revisions to the topics course policy as presented in the Curriculum Policies and Procedures Manual (Gurka/Elliot). It was decided that the text will be refined at the December meeting. **Motion carried unanimously.**

C. February Meeting Date

Bodyfelt and Dodson will be out of town on the scheduled date for the February meeting. Driskell proposed changing the date for this meeting to either March 5th or 7th, and the committee agreed that March 5th would work. **Motion: To move the date of the meeting currently schedule for February 28th to March 5th.** There was no further discussion. **Motion carried unanimously.**

Adjournment:
With no objections from the committee, Chair Driskell adjourned the meeting at 4:09.

Respectfully submitted by Emily Dodson, November 16, 2018.

Summary of UCC Actions on Curriculum Proposals

11/15/2018

Proposal	Committee Action	Members (motion/second)	Effective Date
1 Course Deletion: NURS 302 Family Nursing Through the Lifespan	Approved	Gurka, Graham	Fall 2019
No discussion.			
2 Program Modification: BSN Nursing: 3611	Approved	Gurka, Graham	Fall 2019
No discussion.			
3 Course Modification: GEOL 202 Introduction to Field Studies	Approved contingent upon corrections	McKenney, Gurka	Summer 2019
The committee requested that the prerequisites be clarified by changing the comma to "; and" before "GEOL 112/112L (may be taken concurrently." It was also requested that the answer for the co-requisites line be changed from "yes" to "no." Finally, the committee agreed that the answer "The PES department discussed and agreed on the changes" should be supplied for the question regarding affected departments.			
4 Course Modification: GEOL 301 Structural Geology	Approved contingent upon corrections	McKenney, Gurka	Summer 2019
The committee agreed that the answer "The PES department discussed and agreed on the changes" should be supplied for the question regarding affected departments.			
5 Course Modification: GEOL 301L Structural Geology Laboratory	Approved contingent upon corrections	McKenney, Gurka	Summer 2019
The committee agreed that the answer "The PES department discussed and agreed on the changes" should be supplied for the question regarding affected departments.			
6 Course Modification: GEOL 404 Geophysics	Approved contingent upon corrections	McKenney, Gurka	Summer 2019
The committee agreed that the answer "The PES department discussed and agreed on the changes" should be supplied for the question regarding affected departments.			
7 Course Modification: GEOL 404L Geophysics Laboratory	Approved contingent upon corrections	McKenney, Gurka	Summer 2019
The committee agreed that the answer "The PES department discussed and agreed on the changes" should be supplied for the question regarding affected departments.			
8 Course Modification: GEOL 444 Sedimentology and Stratigraphy	Approved contingent upon corrections	McKenney, Gurka	Summer 2019
The committee agreed that the answer "The PES department discussed and agreed on the changes" should be supplied for the question regarding affected departments.			

Proposal	Committee Action	Members (motion/second)	Effective Date
9 Course Modification: GEOL 444L Sedimentology and Stratigraphy Laboratory	Approved contingent upon corrections	McKenney, Gurka	Summer 2019
The committee agreed that the answer "The PES department discussed and agreed on the changes" should be supplied for the question regarding affected departments.			
10 Course Modification: GEOL 480 Summer Field Camp	Approved contingent upon corrections	McKenney, Gurka	Summer 2019
The committee agreed that the answer "The PES department discussed and agreed on the changes" should be supplied for the question regarding affected departments. In addition, they requested that the Department Head signature be corrected.			
11 Program Modification: BS Geosciences-Secondary Education: 3474	Approved	Gurka, Elliot	Summer 2019
No discussion.			
12 Program Modification: Minor Geology: M420	Approved	Gurka, Elliot	Summer 2019
No discussion.			
13 Program Modification: Minor Sociology: M750	Approved	Seebach, Gillies	Fall 2019
No discussion.			

Curriculum Committee Proposal Summary

11/15/2018

Department: Health Sciences

Course Deletions

NURS 302 Credit Hours 3

Course Title: Family Nursing Through the Lifespan

Essential Learning Course: Yes ☐ No ☑

Requirement or listed choice for any program of study: Yes ☐ No ☑

Prerequisite for other course(s): Yes ☐ No ☑

Co-requisite for other course(s): Yes ☐ No ☑

Justification:

This course was part of the 5 semester BSN program; The content of this course was absorbed into other courses in the new 4 semester BSN program. It is not currently used in any programs.

Proposed by: Karen Urban Expected Implementation: Fall 2019

Program Modification

Nursing: 3611

Degree Type: BSN

Revision to program sheet: Yes ☑ No ☐

Description of modification:

Modification of biology course progression on program sheet. Moving BIOL 250 & 250L to spring semester, sophomore year. Moving BIOL 210 & 210L to fall semester, sophomore year. Other courses moved to accommodate credit load each semester: KINA 1XXX, Math 113, Humanities, and STAT 200 or 215.

Justification:

Biology Department reached out to Health Sciences to ask if we could move microbiology, BIOL 250/250L, so that it is taken after both Anatomy and Physiology courses (BIOL 209/20L & BIOL 210/210L) for better student success in microbiology. Taking BIOL courses in this progression will better prepare students for the content in each course.

Revision to SLOs: Yes ☐ No ☑

Other changes: Yes ☐ No ☑

Discussions with affected departments:

Biology Department: 9/21/18 at 10am with Dr. Carrie McVean. Discussion about biology course progression and changes needed for better student learning. Proposal from Biology to change the order of BIOL classes on program sheet to have students taking BIOL 250/250L after BIOL 209/209L and BIOL 210/210L. All parties agree this change will benefit both programs in their ability to educate and advise potential students to the BSN program.

Proposed by: Amanda Gauthier, MSN, RN

Director of Teacher Education Signature:

Expected Implementation: Fall 2019

2019-2020 PROGRAM REQUIREMENTS
Degree: Bachelor of Science in Nursing
Major: Nursing

About This Major . . .
The four-year Bachelor of Science in Nursing program provides educational experiences to prepare a professional nurse generalist to practice in a variety of health care settings. The program integrates nursing theory, practice, and science with a broad liberal arts education. The program has been developed to prepare a highly competent professional with the education necessary to meet the increasing need for quality health care in society today and provides students with the foundation for graduate study in nursing. The department usually receives more nursing applications than it can accept. Therefore, grades and completion of required courses are considered in the application process, as well as the score on a standardized entrance test. Colorado Mesa's BSN nursing program started in 1988 and is fully accredited. The college is very proud to report that the graduates of this program have maintained a 90-100% pass rate on the National Council for Licensure Examination (NCLEX), which is the examination graduates must pass to obtain a license to practice as an RN. The BSN Program is approved by the Colorado State Board of Nursing and accredited by the Commission on Collegiate Nursing Education (CCNE).

For more information on what you can do with this major, go to http://www.coloradomesa.edu/career/nursing.html

All CMU baccalaureate graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Promote a culture of respect and safety while communicating the importance of lifelong learning and professional career development. (Specialized Knowledge/Applied Learning)
2. Utilize scientific inquiry and quantitative reasoning as a base for patient care decisions. (Intellectual Skills/Quantitative Fluency)
3. Communicate a plan for integration of Evidence Based findings into professional nursing practice. (Intellectual Skills/Communication Fluency)
4. Employ critical thinking as a basis for nursing practice. (Critical Thinking)
5. Improve healthcare outcomes through interpersonal collaboration and communication, facilitating access to resources to meet diverse health care needs. (Information Literacy)
6. Integrate ethical principles of leadership and management in the delivery of health care. (Intellectual Skills/Communication Fluency)

Advising Process and DegreeWorks
This document is intended for informational purposes to help determine what courses and associated requirements are needed to earn a degree. The suggested course sequencing outlines how students could finish degree requirements. Some courses are critical to complete in specific semesters, while others may be moved around. Meeting with an academic advisor is essential in planning courses and altering the suggested course sequencing. It is ultimately the student's responsibility to understand and fulfill the requirements for her/his intended degree(s).

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a degree and determine eligibility for graduation. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head. Discrepancies in requirements should be reported to the Registrar's Office.

Graduation Process

Students must complete the following in the first two months of the semester prior to completing their degree requirements:

- Review their DegreeWorks audit and create a plan that outlines how unmet requirements will be met in the final semester.
- Meet with their advisor and modify their plan as needed. The advisor must approve the final plan.
- Submit the "Intent to Graduate" form to the Registrar's Office to officially declare the intended graduation date and commencement ceremony plans.
- Register for all needed courses and complete all requirements for each degree sought.

Submission deadlines and commencement details can be found at http://www.coloradomesa.edu/registrar/graduation.html.

If a student's petition for graduation is denied, it will be her/his responsibility to consult the Registrar's Office regarding next steps.

INSTITUTIONAL DEGREE REQUIREMENTS

The following institutional degree requirements apply to all CMU baccalaureate degrees. Specific programs may have different requirements that must be met in addition to institutional requirements.

- 120 semester hours minimum.
- Students must complete a minimum of 30 of the last 60 hours of credit at CMU, with at least 15 semester hours in major discipline courses numbered 300 or higher.
- 40 upper-division credits (an alternative credit limit applies to the Bachelor of Applied Science degree).
- 2.00 cumulative GPA or higher in all CMU coursework.
- A course may only be used to fulfill one requirement for each degree/certificate.
- No more than six semester hours of independent study courses can be used toward the degree.
- Non-traditional credit, such as advanced placement, credit by examination, credit for prior learning, cooperative education and internships, cannot exceed 30 semester credit hours for a baccalaureate degree; A maximum of 15 of the 30 credits may be for cooperative education, internships, and practica.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Capstone exit assessment/projects (e.g., Major Field Achievement Test) requirements are identified under Program-Specific Degree Requirements.
- The Catalog Year determines which program sheet and degree requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

PROGRAM-SPECIFIC DEGREE REQUIREMENTS

- 2.00 cumulative GPA or higher in coursework toward the major content area.
- Must receive a grade of "C" or higher in all foundation and major requirements.

ESSENTIAL LEARNING REQUIREMENTS (31 semester hours)
See the current catalog for a list of courses that fulfill the requirements below. If a course is an Essential Learning option and a requirement for your major, you must use it to fulfill the major requirement and make a different selection for the Essential Learning requirement.

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)
- ☐ ENGL 112 - English Composition (3)

Mathematics (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*) or higher
  *3 credits apply to the Essential Learning requirement and 1 credit applies to General Elective credit.

Humanities (3 semester hours)
- ☐ Select one Humanities course (3)

Social and Behavioral Sciences (6 semester hours)
- ☐ PSYC 150 - General Psychology (3)
- ☐ PSYC 233 - Human Growth and Development (3)

Natural Sciences (7 semester hours)
- ☐ Select one Natural Sciences course (3)
- ☐ BIOL 250 - Introduction to Microbiology (3)
- ☐ BIOL 250L - Introduction to Microbiology Laboratory (1)

History (3 semester hours)
- ☐ Select one History course (3)

Fine Arts (3 semester hours)
- ☐ Select one Fine Arts course (3)

OTHER LOWER-DIVISION REQUIREMENTS

Wellness Requirement (2 semester hours)
- ☐ KINE 100 - Health and Wellness (1)
- ☐ Select one Activity course (1)

Essential Learning Capstone (4 semester hours)
Essential Learning Capstone must be taken after completion of the Essential Learning English and Mathematics requirements, and when a student has earned between 45 and 75 hours.
- ☐ ESSL 290 - Maverick Milestone (3)
- ☐ ESSL 200 - Essential Speech (1)

FOUNDATION COURSES (15-16 semester hours, must pass all courses with a grade of "C" or higher)
- ☐ BIOL 209 - Human Anatomy and Physiology I (3)
- ☐ BIOL 209L - Human Anatomy and Physiology Laboratory (1)
- ☐ BIOL 210 - Human Anatomy and Physiology II (3)
- ☐ BIOL 210L - Human Anatomy and Physiology II Laboratory (1)
- ☐ BIOL 241 - Pathophysiology (4)
- ☐ One of the following courses:
  STAT 200 - Probability and Statistics (3)
  STAT 215 - Statistics for Social and Behavioral Sciences (4)

BSN, NURSING REQUIREMENTS (64 semester hours, must pass all courses with a grade of "C" or higher)

- ☐ NURS 350 - Health Assessment Across the Lifespan (3)
- ☐ NURS 350L - Health Assessment Across the Lifespan Laboratory (1)
- ☐ NURS 353 - Foundation of Nursing Practice (4)
- ☐ NURS 353L - Foundation of Nursing Practice Laboratory (3)
- ☐ NURS 370 - Pharmacology for Nurses I (3)
- ☐ NURS 372 - Professional Development I: Nursing Theory, Roles, & Ethics (2)
- ☐ NURS 373 - Acute and Chronic Illness I (4)
- ☐ NURS 373L - Acute and Chronic Illness I Clinical (3)
- ☐ NURS 388 - Mental Health Nursing (3)
- ☐ NURS 388L - Mental Health Nursing Clinical (2)
- ☐ NURS 394 - Nursing Research: An Evidence-Based Practice (3)
- ☐ NURS 459 - Family/Maternal/Child Nursing (4)
- ☐ NURS 459L - Family/Maternal/Child Nursing Clinical (3)
- ☐ NURS 472 - Professional Development II: Health Informatics (3)
- ☐ NURS 473 - Acute and Chronic Illness II (4)
- ☐ NURS 473L - Acute and Chronic Illness II Clinical (3)
- ☐ NURS 482 - Professional Development III: The Professional Nurse (2)
- ☐ NURS 487 - Community and Population Nursing (3)
- ☐ NURS 487L - Community and Population Nursing Clinical (2)
- ☐ NURS 490 - Nursing Leadership and Management (2)
- ☐ NURS 490L - Nursing Leadership and Management Clinical (1)
- ☐ NURS 492 - Pharmacology for Nurses II (2)
- ☐ NURS 493 - Senior Capstone (1)
- ☐ NURS 493L - Senior Capstone Clinical (3)

GENERAL ELECTIVES (All college level courses appearing on your final transcript, not listed above that will bring your total semester hours to 120 hours. 3-4 semester hours)

- ☐ MATH 113 - College Algebra (1)
- ☐ _____
- ☐ _____

SUGGESTED COURSE SEQUENCING

Freshman Year, Fall Semester: 14~~3~~ credits

- ENGL 111 - English Composition (3)
- PSYC 150 - General Psychology (3)
- KINE 100 - Health and Wellness (1)
- KINA Activity (1)
- Essential Learning - History (3)
- Essential Learning - Natural Science (3)

Freshman Year, Spring Semester: 14 credits

- ENGL 112 - English Composition (3)
- MATH 113 - College Algebra (4)
- PSYC 233 - Human Growth and Development (3)
- ~~Essential Learning - Humanities (3)~~

Sophomore Year, Fall Semester: 13-14 credits

- BIOL 210 - Human Anatomy and Physiology II (3) and BIOL 210L - Human Anatomy and Physiology II Laboratory (1)
- ~~BIOL 250 - Introduction to Microbiology (3) and BIOL 250L - Introduction to Microbiology Laboratory (1)~~
- Essential Learning - Humanities (3)
- STAT 200 - Probability and Statistics (3) or STAT 215 - Statistics for Social and Behavioral Sciences (4)
- ~~MATH 113 - College Algebra (4)~~

Sophomore Year, Spring Semester: 14~~5~~-15~~6~~ credits

- ~~BIOL 210 - Human Anatomy and Physiology II (3) and BIOL 210L - Human Anatomy and Physiology II Laboratory (1)~~
- BIOL 250 - Introduction to Microbiology (3) and BIOL 250L - Introduction to Microbiology Laboratory (1)
- ESSL 290 - Maverick Milestone (3)
- ESSL 200 - Essential Speech (1)
- General Elective (2-3)
- ~~STAT 200 - Probability and Statistics (3) or STAT 215 - Statistics for Social and Behavioral Sciences (4)~~

Junior Year, Fall Semester: 16 credits

- NURS 350 - Assessment Across the Lifespan (3) and NURS 350L - Assessment Across the Lifespan Laboratory (1)
- NURS 353 - Foundation of Nursing Practice (4) and NURS 353L - Foundation of Nursing Practice Laboratory (3)
- NURS 370 - Pharmacology for Nurses I (3)
- NURS 372 - Professional Development I: Nursing Theory, Roles, & Ethics (2)

Junior Year, Spring Semester: 15 credits

- NURS 373 - Acute and Chronic Illness I (4) and NURS 373L - Acute and Chronic Illness I Clinical (3)
- NURS 388 - Mental Health Nursing (3) and NURS 388L - Mental Health Nursing Clinical (2)
- NURS 394 - Nursing Research: An Evidence-Based Practice (3)

Senior Year, Fall Semester: 17 credits

- NURS 459 - Family/Maternal/Child Nursing (4) and NURS 459L - Family/Maternal/Child Nursing Clinical (3)
- NURS 472 - Professional Development II: Health Informatics (3)
- NURS 473 - Acute and Chronic Illness II (4) and NURS 473L - Acute and Chronic Illness II Clinical (3)

Senior Year, Spring Semester: 16 credits

- NURS 482 - Professional Development III: The Professional Nurse (2)
- NURS 487 - Community and Population Nursing (3) and NURS 487L - Community and Population Nursing Clinical (2)
- NURS 490 - Nursing Leadership and Management (2) and NURS 490L - Nursing Leadership and Management Clinical (1)
- NURS 492 - Pharmacology for Nurses II (2)
- NURS 493 - Senior Capstone (1) and NURS 493L - Senior Capstone Clinical (3)

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Department: PES

Course Modifications

GEOL 202

Intended semester to offer modified course for the 1st time: Summer 2019

	Current	Proposed
Course Prefix:	GEOL	
Course No.:	202	
Credit Hours:	3	
Course Title:	Introduction to Field Studies	
Times for Credit:	1	1

Prerequisites:

Current: None

Proposed:
GEOL 111/GEOL 111L or GEOL 113/GEOL 113L; and GEOL 112/GEOL112L (may be taken concurrently)

Requirement or listed choice for any program of study: Yes ☑ No ☐

Change affects program sheet or grad requirements: Yes ☐ No ☑

Justification:

GEOL 111/GEOL 111L (Principles of Physical Geology) or GEO 113/GEOL 113L (Field-Based Introduction to Physical Geology), and GEOL 112/GEOL 112L (Principles of Historical Geology), were inadvertently left out as prerequisites when this course was added years ago.

Discussions with affected departments:

The PES department discussed and agreed on the changes.

Proposed by: Lawrence Jones Expected Implemention: Summer 2019

Course Modifications

GEOL 301

Intended semester to offer modified course for the 1st time: Summer 2019

	Current	Proposed
Course Prefix:	GEOL	
Course No.:	301	
Credit Hours:	3	
Course Title:	Structural Geology	
Times for Credit:	1	1

Prerequisites:

Current: GEOL 202, GEOL 204, and GEOL 111/GEOL 111L or GEO 113/GEOL 113L, and MATH 130

Proposed: GEOL 202, GEOL 204, and MATH 130

Requirement or listed choice for any program of study: Yes ☑ No ☐

Change affects program sheet or grad requirements: Yes ☐ No ☑

Justification:

GEOL 111/GEOL 111L (Principles of Physical Geology) or GEO 113/GEOL 113L (Field-Based Introduction to Physical Geology) are now required for GEOL 202 (Introduction to Field Studies), so these need not be listed here.

Discussions with affected departments:

The PES department discussed and agreed on the changes.

Proposed by: Lawrence Jones Expected Implemention: Summer 2019

Course Modifications

GEOL 301L

Intended semester to offer modified course for the 1st time: Summer 2019

	Current	Proposed
Course Prefix:	GEOL	
Course No.:	301L	
Credit Hours:	1	
Course Title:	Structural Geology Laboratory	
Times for Credit:	1	1

Prerequisites:

Current: GEOL 202, GEOL 204, and GEOL 111/GEOL 111L or GEO 113/GEOL 113L, and MATH 130

Proposed: GEOL 202, GEOL 204, and MATH 130

Requirement or listed choice for any program of study: Yes ☑ No ☐

Change affects program sheet or grad requirements: Yes ☐ No ☑

Justification:

GEOL 111/GEOL 111L (Principles of Physical Geology) or GEO 113/GEOL 113L (Field-Based Introduction to Physical Geology) are now required for GEOL 202 (Introduction to Field Studies), so these need not be listed here.

Discussions with affected departments:

The PES department discussed and agreed on the changes.

Proposed by: Lawrence Jones Expected Implemention: Summer 2019

Course Modifications

GEOL 404

Intended semester to offer modified course for the 1st time: Summer 2019

	Current	Proposed
Course Prefix:	GEOL	
Course No.:	404	
Credit Hours:	3	
Course Title:	Geophysics	
Times for Credit:	1	1

Prerequisites:

Current: GEOL 202, GEOL 204, GEOL 111/GEOL 111L or GEO 113/GEOL 113L, GEOL 112/GEOL 112L, and PHYS 112 (calculus is recommended but not required)

Proposed: GEOL 202, GEOL 204, GEOL 112/GEOL 112L, and PHYS 112 (calculus is recommended but not required)

Requirement or listed choice for any program of study: Yes ☑ No ☐

Change affects program sheet or grad requirements: Yes ☐ No ☑

Justification:

GEOL 111/GEOL 111L (Principles of Physical Geology) or GEO 113/GEOL 113L (Field-Based Introduction to Physical Geology) are now required for GEOL 202 (Introduction to Field Studies), so these need not be listed here.

Discussions with affected departments:

The PES department discussed and agreed on the changes.

Proposed by: Lawrence Jones Expected Implemention: Summer 2019

Course Modifications

GEOL 404L

Intended semester to offer modified course for the 1st time: Summer 2019

	Current	Proposed
Course Prefix:	GEOL	
Course No.:	404L	
Credit Hours:	1	
Course Title:	Geophysics Laboratory	
Times for Credit:	1	1

Prerequisites:

Current: GEOL 202, GEOL 204, GEOL 111/GEOL 111L or GEO 113/GEOL 113L, GEOL 112/GEOL 112L, and PHYS 112 (calculus is recommended but not required)

Proposed: GEOL 202, GEOL 204, GEOL 112/GEOL 112L, and PHYS 112 (calculus is recommended but not required)

Requirement or listed choice for any program of study: Yes ☑ No ☐

Change affects program sheet or grad requirements: Yes ☐ No ☑

Justification:

GEOL 111/GEOL 111L (Principles of Physical Geology) or GEO 113/GEOL 113L (Field-Based Introduction to Physical Geology) are now required for GEOL 202 (Introduction to Field Studies), so these need not be listed here.

Discussions with affected departments:

The PES department discussed and agreed on the changes.

Proposed by: Lawrence Jones Expected Implemention: Summer 2019

Course Modifications

GEOL 444

Intended semester to offer modified course for the 1st time: Summer 2019

	Current	Proposed
Course Prefix:	GEOL	
Course No.:	444	
Credit Hours:	3	
Course Title:	Sedimentology and Stratigraphy	
Times for Credit:	1	1

Prerequisites:

Current: GEOL 111/GEOL 111L or GEO 113/GEOL 113L, GEOL 112/GEOL 112L, GEOL 202, GEOL 204, GEOL 331, GEOL 331L, CHEM 131, and CHEM131L

Proposed: GEOL 202, GEOL 204, GEOL 331, GEOL 331L, CHEM 131, and CHEM131L

Requirement or listed choice for any program of study: Yes ☑ No ☐

Change affects program sheet or grad requirements: Yes ☐ No ☑

Justification:

GEOL 111/GEOL 111L (Principles of Physical Geology) or GEO 113/GEOL 113L (Field-Based Introduction to Physical Geology) and GEOL 112/GEOL 112L (Principles of Historical Geology), are now required for GEOL 202 (Introduction to Field Studies), as proposed, so need not be listed here.

Discussions with affected departments:

The PES department discussed and agreed on the changes.

Proposed by: Lawrence Jones Expected Implemention: Summer 2019

Course Modifications

GEOL 444L

Intended semester to offer modified course for the 1st time: Summer 2019

	Current	Proposed
Course Prefix:	GEOL	
Course No.:	444L	
Credit Hours:	1	
Course Title:	Sedimentology and Stratigraphy Laboratory	
Times for Credit:	1	1

Prerequisites:

Current: GEOL 111/GEOL 111L or GEO 113/GEOL 113L, GEOL 112/GEOL 112L, GEOL 202, GEOL 204, GEOL 331, GEOL 331L, CHEM 131, and CHEM131L

Proposed: GEOL 202, GEOL 204, GEOL 331, GEOL 331L, CHEM 131, and CHEM131L

Requirement or listed choice for any program of study: Yes ☑ No ☐

Change affects program sheet or grad requirements: Yes ☐ No ☑

Justification:

GEOL 111/GEOL 111L (Principles of Physical Geology) or GEO 113/GEOL 113L (Field-Based Introduction to Physical Geology) and GEOL 112/GEOL 112L (Principles of Historical Geology), are now required for GEOL 202 (Introduction to Field Studies), as proposed, so need not be listed here.

Discussions with affected departments:

The PES department discussed and agreed on the changes.

Proposed by: Lawrence Jones Expected Implemention: Summer 2019

Course Modifications

GEOL 480

Intended semester to offer modified course for the 1st time: Summer 2019

	Current	Proposed
Course Prefix:	GEOL	
Course No.:	480	
Credit Hours:	6	
Course Title:	Summer Field Camp	
Times for Credit:	1	1

Prerequisites:

Current: GEOL 111/GEOL 111L or GEO 113/GEOL 113L, GEOL 112/GEOL 112L, GEOL 301/GEOL 301L. GEOL 444/GEOL 444L recommended.

Proposed: GEOL 202, GEOL 301/GEOL 301L. GEOL 402/GEOL 402L and GEOL 444/GEOL 444L recommended.

Requirement or listed choice for any program of study: Yes ☑ No ☐

Change affects program sheet or grad requirements: Yes ☐ No ☑

Justification:

GEOL 111/GEOL 111L (Principles of Physical Geology) or GEO 113/GEOL 113L (Field-Based Introduction to Physical Geology), and GEOL 112/GEOL 112L (Principles of Historical Geology), are pre-requisites for GEOL 202 (Introduction to Field Geology), as proposed, so need not be listed here. GEOL 402/402L (Applications of Geomorphology) is the primary introduction to field and lab techniques for majors, and is usually taken prior to GEOL 480. It would aid students in planning their program of study if GEOL 402/402L is formally recognized as a prerequisite for GEOL 480. GEOL 202 was previously intended to be an official prerequisite for this course, but this change has never formally been added to the catalog.

Discussions with affected departments:

The PES department discussed and agreed on the changes.

Proposed by: Lawrence Jones Expected Implemention: Summer 2019

Program Modification

Geosciences-Secondary Education: 3474

Degree Type: BS

Revision to program sheet: Yes ☑ No ☐

Description of modification:

Revise Core Courses and Suggested Course Sequencing to include GEOL 113/113L, Field-Based Introduction to Physical Geology option

Justification:

GEOL 113/113L, Field-Based Introduction to Physical Geology and Lab, is equivalent to GEOL 111/111L, Principles of Physical Geology and Lab, and was inadvertently left out of this particular program when GEOL 113/113L was added to the curriculum prior to 2002. These two courses (GEOL 111/11L and GEOL 113/113L) have always been used itnerchangeably as options in this degree program by the department, and the program sheet should have been revised previously.

Revision to SLOs: Yes ☐ No ☑

Other changes: Yes ☐ No ☑

Discussions with affected departments:

NA

Proposed by: Lawrence Jones

Director of Teacher Education Signature: Blake R. Bickham

Expected Implementation: Summer 2019

2019-2020 PROGRAM REQUIREMENTS
Degree: Bachelor of Science
Major: Geosciences
Concentration: Secondary Education

About This Major . . .
The Geosciences secondary licensure degree is structured for graduates to pursue teaching careers at the middle or high school level. The basic curriculum includes all of the major topics within a traditional geology program while also incorporating teacher education courses required for licensure by the state of Colorado. The degree plan includes basic chemistry, physics, and biology. Instruction takes place in a state of the art science complex on campus which houses several instructional laboratories, projects rooms, a computer applications lab, petrology-mineralogy lab, and rock storage facilities. Most classes include a strong field component, allowing students to take advantage of the diverse geological setting of the Grand Junction area. Students have access to department equipment that includes research petrographic microscopes, binocular microscopes, a computer-assisted x-ray diffractometer, scanning electron microscopes, GPS units, short- and long-period seismometers, and a magnetometer.
The secondary licensure program provides teacher education candidates with broad content knowledge in science and prepares them as teachers for grades 7 through 12. A minimum of 75 credit hours of Essential Learning 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 secondary licensure program. Please see the Teacher Education Admission Packet for further information on admissions criteria. EDUC 115, What It Means to be an Educator, and EDUC 215, Teaching as a Profession, must be taken before applying to the program.

For more information on what you can do with this major, go to http://www.coloradomesa.edu/career/whatmajor.html

All CMU baccalaureate graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Articulate the fundamental knowledge base and ideas of the major fields of geoscience. (Specialized Knowledge)
2. Collect and interpret geoscience field data. (Applied Learning/Critical Thinking)
3. Collect and interpret geoscience laboratory data. (Applied Learning/Critical Thinking)
4. Use technology (e.g. computer software) for evaluating quantitative geoscience data. (Quantitative Fluency)
5. Write an effective report on a geoscience study. (Communication Fluency)
6. Give an effective oral presentation on a geoscience study. (Communication Fluency)
7. Instruct K-12 students based on self-written learning plans to address individual learning and developmental patterns in the Physical Sciences. (Specialized Knowledge)
8. Design a safe and supportive learning environment for elementary and secondary education students. (Applied Learning)
9. Apply content knowledge while working with learners to access information in real world settings assuring learner mastery of the content. (Specialized Knowledge)
10. Integrate assessment, planning, and instructional strategies in coordinated and engaging ways through multiple means of communication. (Critical Thinking/Communication Fluency)
11. Engage in meaningful and intensive professional learning and self-renewal by regularly examining practice through ongoing study, self-reflection, and collaboration. (Applied Learning)

Advising Process and DegreeWorks
This document is intended for informational purposes to help determine what courses and associated requirements are needed to earn a degree. The suggested course sequencing outlines how students could finish degree requirements. Some courses are critical to complete in specific semesters, while others may be moved around. Meeting with an academic advisor is essential in planning courses and altering the suggested course sequencing. It is ultimately the student's responsibility to understand and fulfill the requirements for her/his intended degree(s).

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a degree and determine eligibility for graduation. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head. Discrepancies in requirements should be reported to the Registrar's Office.

Graduation Process

Students must complete the following in the first two months of the semester prior to completing their degree requirements:

- Review their DegreeWorks audit and create a plan that outlines how unmet requirements will be met in the final semester.
- Meet with their advisor and modify their plan as needed. The advisor must approve the final plan.
- Submit the "Intent to Graduate" form to the Registrar's Office to officially declare the intended graduation date and commencement ceremony plans.
- Register for all needed courses and complete all requirements for each degree sought.

Submission deadlines and commencement details can be found at http://www.coloradomesa.edu/registrar/graduation.html.
If a student's petition for graduation is denied, it will be her/his responsibility to consult the Registrar's Office regarding next steps.

INSTITUTIONAL DEGREE REQUIREMENTS

The following institutional degree requirements apply to all CMU baccalaureate degrees. Specific programs may have different requirements that must be met in addition to institutional requirements.

- 120 semester hours minimum.
- Students must complete a minimum of 30 of the last 60 hours of credit at CMU, with at least 15 semester hours in major discipline courses numbered 300 or higher.
- 40 upper-division credits (an alternative credit limit applies to the Bachelor of Applied Science degree).
- 2.00 cumulative GPA or higher in all CMU coursework.
- A course may only be used to fulfill one requirement for each degree/certificate.
- No more than six semester hours of independent study courses can be used toward the degree.
- Non-traditional credit, such as advanced placement, credit by examination, credit for prior learning, cooperative education and internships, cannot exceed 30 semester credit hours for a baccalaureate degree; A maximum of 15 of the 30 credits may be for cooperative education, internships, and practica.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Capstone exit assessment/projects (e.g., Major Field Achievement Test) requirements are identified under Program-Specific Degree Requirements.
- The Catalog Year determines which program sheet and degree requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

PROGRAM-SPECIFIC DEGREE REQUIREMENTS

- 126 semester hours required for the BS in Geosciences, Secondary Education.
- 2.80 cumulative GPA or higher in all CMU coursework.
- 2.80 cumulative GPA or higher in coursework toward the major content area.
- A "C" or higher is required in all major and foundation courses.
- All EDUC prefix courses must be completed with a grade of "B" or better.
- All other coursework toward the degree must be successfully completed prior to the internship.

ESSENTIAL LEARNING REQUIREMENTS (31 semester hours)
See the current catalog for a list of courses that fulfill the requirements below. If a course is an Essential Learning option and a requirement for your major, you must use it to fulfill the major requirement and make a different selection for the Essential Learning requirement.

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)

Mathematics (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) or higher
  3 credits apply to the Essential Learning requirements and one credit applies to foundation courses.

Humanities (3 semester hours)

- ☐ Select one Humanities course (3)

Social and Behavioral Sciences (6 semester hours)

- ☐ PSYC 233 - Human Growth and Development (3) (must receive a grade of "B" or better)
- ☐ Select one Social and Behavioral Sciences course (3)
  GEOG 103 - World Regional Geography (3) recommended

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

- ☐ Select one Natural Science course (3)
- ☐ BIOL 105 - Attributes of Living Systems (3)
- ☐ BIOL 105L - Attributes of Living Systems Laboratory (1)

History (3 semester hours)

- ☐ Select one History course (3)

Fine Arts (3 semester hours)

- ☐ Select one Fine Arts course (3)

OTHER LOWER-DIVISION REQUIREMENTS

Wellness Requirement (2 semester hours)

- ☐ KINE 100 - Health and Wellness (1)
- ☐ Select one Activity course (1)

Essential Learning Capstone (4 semester hours)
Essential Learning Capstone must be taken after completion of the Essential Learning English and Mathematics requirements, and when a student has earned between 45 and 75 hours.

- ☐ ESSL 290 - Maverick Milestone (3)
- ☐ ESSL 200 - Essential Speech (1)

FOUNDATION COURSES (17 semester hours, must earn a grade of "C" or better in each course.)

- ☐ MATH 113 - College Algebra (1)
- ☐ CHEM 131 - General Chemistry I (4)
- ☐ CHEM 131L - General Chemistry I Laboratory (1)
- ☐ PHYS 101 - Elementary Astronomy (3)
- ☐ PHYS 111 - General Physics (4)
- ☐ PHYS 111L - General Physics Laboratory (1)
- ☐ MATH 130 - Trigonometry (3)

BS, GEOSCIENCES SECONDARY EDUCATION REQUIREMENTS (40 semester hours, must pass all courses with a grade of "C" or higher)

Required Core Courses (40 semester hours)

- ☐ One of the following courses:
  GEOL 103 - Weather and Climate (3)
  GEOL 104 - Oceanography (3)
- ☐ One of the following (Either GEOL 111/111L or GEOL 113/113L may be taken for creditbut not both):
  GEOL 111 - Principles of Physical Geology (3) and GEOL 111L - Principles of Physical Geology Laboratory (1)
  GEOL 113 - Field Based Intro to Physical Geology (3) and GEOL 113L - Field Based Intro to Physical Geology Laboratory (1)
- ☐ ~~GEOL 111 - Principles of Physical Geology (3)~~
- ☐ ~~GEOL 111L - Principles of Physical Geology Laboratory (1)~~
- ☐ GEOL 112 - Principles of Historical Geology (3)
- ☐ GEOL 112L - Principles of Historical Geology Laboratory (1)
- ☐ GEOL 202 - Introduction to Field Studies (3)
- ☐ GEOL 204 - Computer Applications in Geology (3)
- ☐ GEOL 250 - Environmental Geology (3)
- ☐ GEOL 301 - Structural Geology (3)
- ☐ GEOL 301L - Structural Geology Laboratory (1)
- ☐ GEOL 331 - Crystallography and Mineralogy (3)
- ☐ GEOL 331L - Crystallography and Mineralogy Laboratory (1)
- ☐ GEOL 340 - Igneous and Metamorphic Petrology (3)
- ☐ GEOL 340L - Igneous and Metamorphic Petrology Laboratory (1)
- ☐ GEOL 402 - Applications of Geomorphology (3)
- ☐ GEOL 402L - Applications of Geomorphology Laboratory (1)
- ☐ GEOL 444 - Stratigraphy and Sedimentation (3)
- ☐ GEOL 444L - Stratigraphy and Sedimentation Laboratory (1)

GENERAL ELECTIVES (All college level courses appearing on your final transcript, not listed above that will bring your total semester hours to 120 hours. 3 semester hours)

- ☐ _____
- ☐ _____
- ☐ _____

SECONDARY EDUCATION REQUIREMENTS (29 semester hours)

Program Requirements: ENGL 111, ENGL 112, PSYC 233, EDUC 115 and 215 (all with a grade of B or better) and formal acceptance to the Teacher Education Program.

- ☐ EDUC 115 - What It Means to be an Educator (1) (8 field experience hours)
- ☐ EDUC 215 - Teaching as a Profession (1) (12 field experience hours)
- ☐ EDUC 342 - Pedagogy and Assessment: Secondary and K-12 (3) (20 field experience hours)
- ☐ EDUC 343 - Teaching to Diversity (3) (20 field experience hours)
- ☐ EDUC 442 - Integrating Literacy across the Curriculum: Secondary and K-12 Art (3) (60 field experience hours)
- ☐ EDUC 475 - Classroom Management (1)
- ☐ EDUC 497 - Content Methodology Practicum (3) (80 field experience hours)
- ☐ EDUC 497D - Methods of Teaching Secondary Science (2)
  This course is only offered in the fall semester. It may be taken with either the 300-level or 400-level EDUC courses but must be taken before the student teaching semester.
- ☐ EDUC 499G - Teaching Internship and Colloquia: Secondary (12) (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. Students must take the 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.

SUGGESTED COURSE SEQUENCING

Freshman Year, Fall Semester: 15 credits

- GEOL 103 - Weather and Climate (3) or GEOL 104 - Oceanography (3)
- GEOL 111 - Principles of Physical Geology (3) and GEOL 111L - Principles of Physical Geology Laboratory (1), or GEOL 113 – Field-Based Introduction to Physical Geology (3) and Field-Based Introduction to Physical Geology Laboratory (1)
- ENGL 111 - English Composition (3)
- MATH 113 - College Algebra (4)
- KINE 100 - Health and Wellness (1)

Freshman Year, Spring Semester: 16 credits

- GEOL 112 - Principles of Historical Geology (3) and GEOL 112L - Principles of Historical Geology Laboratory (1)
- ENGL 112 - English Composition (3)
- MATH 130 - Trigonometry (3)
- PSYC 233 - Human Growth and Development (3)
- GEOG 103 - World Regional Geography (3)

Sophomore Year, Fall Semester: 17 credits

- GEOL 202 - Introduction to Field Studies (3)
- GEOL 250 - Environmental Geology (3)
- CHEM 131 - General Chemistry I (4) and CHEM 131L - General Chemistry I Laboratory (1)
- PHYS 111 - General Physics (4) and PHYS 111L - General Physics Laboratory (1)
- EDUC 115 - What It Means to be an Educator (1)

Sophomore Year, Spring Semester: 17 credits

- GEOL 204 - Computer Applications in Geology (3)
- BIOL 105 - Attributes of Living Systems (3) and BIOL 105L - Attributes of Living Systems Laboratory (1)
- PHYS 101 - Elementary Astronomy (3)
- Essential Learning - Fine Arts (3)
- Essential Learning - Natural Science (3)
- KINA Activity (1)

Junior Year, Fall Semester: 16 credits

- GEOL 301 - Structural Geology (3) and GEOL 301L - Structural Geology Laboratory (1)
- GEOL 331 - Crystallography and Mineralogy (3) and GEOL 331L - Crystallography and Mineralogy Laboratory (1)
- Essential Learning - History (3)
- ESSL 290 - Maverick Milestone (3)
- ESSL 200 - Essential Speech (1)
- EDUC 215 - Teaching as a Profession (1)

Junior Year, Spring Semester: 17 credits

- GEOL 340 - Igneous and Metamorphic Petrology (3) and GEOL 340L - Igneous and Metamorphic Petrology Laboratory (1)
- GEOL 444 - Stratigraphy and Sedimentation (3) and GEOL 444L - Stratigraphy and Sedimentation Laboratory (1)
- EDUC 342 - Pedagogy and Assessment: Secondary and K-12 (3)
- EDUC 343 - Teaching to Diversity (3)
- General Elective (3)

Senior Year, Fall Semester: 16 credits

- GEOL 402 - Applications of Geomorphology (3) and GEOL 402L - Applications of Geomorphology Laboratory (1)
- Essential Learning - Humanities (3)
- EDUC 442 - Integrating Literacy Across the Curriculum (3)
- EDUC 475 - Classroom Management (1)
- EDUC 497 - Content Methodology Practicum (3)
- EDUC 497D - Methods of Teaching Secondary Science (2)

Senior Year, Spring Semester: 12 credits

- EDUC 499G - Teaching Internship and Colloquia (12)

Program Modification

Geology: M420

Degree Type: Minor

Revision to program sheet: Yes ☑ No ☐

Description of modification:

1. Remove GEOL 204 (Computer Applications in Geology) from list of courses that satisfy the requirement for 33% upper division courses, and move this course to the list of alternative course options to GEOL 250 (Environmental Geology).
2. Add GEOL 351 (Applied Geochemistry) to the list of courses that satisfy the requirement for 33% upper division courses

Justification:

1. GEOL 204 is not an upper division course. The Geosciences program feels that this course provides sufficient depth in Geosciences coursework to fulfill sophomore-level requirements for the Geology minor, even though the GEOL 204 covers very different material than GEOL 250.
2. GEOL 351 should have been on the list of upper division courses that satisfy the requirement of 33% upper divison credits and was left off due to an oversight.

Revision to SLOs: Yes ☐ No ☑

Other changes: Yes ☐ No ☑

Discussions with affected departments:

NA

Proposed by: Lawrence Jones

Director of Teacher Education Signature:

Expected Implementation: Summer 2019

2019-2020 PROGRAM REQUIREMENTS
Minor: Geology

About This Minor. . .
The Geology Minor is designed for students who wish to take additional basic geology courses in support of their degree aspirations in other areas. A total of 21 geology credit hours are required. Most classes have a strong field component so that students can enjoy the diverse geological setting of the Grand Junction area. Laboratory work takes place in a state-of-the-art science complex.

Advising Process and DegreeWorks
This document is intended for informational purposes to help determine what courses and associated requirements are needed to earn a minor. Meeting with an academic advisor is essential in planning courses and developing a suggested course sequencing. It is ultimately the student's responsibility to understand and fulfill the requirements for her/his intended minor.

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a minor. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head for the minor. Discrepancies in requirements should be reported to the Registrar's Office.

Graduation Process
A minor cannot be awarded by itself. It must be combined with a baccalaureate degree outside the major field of study. Students should follow the graduation process outlined for the baccalaureate degree and list their majors and minors on the "Intent to Graduate" form.

If a student's petition for graduation is denied, it will be her/his responsibility to consult the Registrar's Office regarding next steps.

INSTITUTIONAL MINOR REQUIREMENTS

The following institutional requirements apply to all CMU minors. Specific programs may have different requirements that must be met in addition to institutional requirements.

- A minor consists of 15-24 semester hours. There may be prerequisites required for the minor which will increase the total number of credit hours for a student who has not already taken those prerequisites.
- Courses taken to satisfy Essential Learning, major requirements, or electives **can** be counted toward the minor if applicable.
- At least 33 percent of the credit hours required for the minor must be in courses numbered 300 or above.
- At least 25 percent of the classes must be taken at CMU.
- 2.00 cumulative GPA or higher for the courses used for the minor.
- A minor is not a degree by itself and must be earned at the same time as a baccalaureate degree.
- A minor must be outside the major field of study.
- A student may earn up to five minors with any baccalaureate degree at CMU.
- The Catalog Year determines which program sheet and degree requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements sheet you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

PROGRAM-SPECIFIC MINOR REQUIREMENTS

- 21 semester hours for the Minor in Geology

REQUIRED COURSES FOR THE GEOLOGY MINOR (21 semester hours)

- ☐ One of the following (Either GEOL 111/111L or GEOL 113/113L may be taken for credit~~, but not both~~but not both):
  of Physical Geology (3) and GEOL 111L - Principles of Physical Geology Laboratory (1)
  GEOL 113 - Field Based Intro to Physical Geology (3) and GEOL 113L - Field Based Intro to Physical Geology Laboratory (1)
- ☐ GEOL 112 - Principles of Historical Geology (3)
- ☐ GEOL 112L - Principles of Historical Geology Laboratory (1)
- ☐ GEOL 202 - Introduction to Field Studies (3)
- ☐ One of the following ~~(Either GEOL 204 or GEOL 250~~may be taken for credit~~)~~:
- ☐ GEOL 204 - Computer Applications in Geology (3)
- ~~☐~~ GEOL 250 - Environmental Geology (3)

~~GEOL 204 - Computer Applications in Geology (3)~~

GEOL 301L - Structural Geology Laboratory (1)
GEOL 325 - Intro to Engineering Geology (3)
GIST 321 - Intro to Remote Sensing (2)
GIST 321L - Intro to Remote Sensing Laboratory (1)
GEOL 331 - Crystallography & Mineralogy (3)
GEOL 331L - Crystallography & Mineralogy Laboratory (1)
GEOL 340 - Igneous & Metamorphic Petrology (3)
GEOL 340L - Igneous & Metamorphic Petrology Laboratory (1)
GEOL 351 – Applied Geochemistry (3)
GEOL 359 - Survey of Energy-Related Natural Resources (3)
GEOL 361 - Survey of Mineral-Related Natural Resources (3)
GEOL 402 - Applications of Geomorphology (3)
GEOL 402L - Applications of Geomorphology Laboratory (1)
GEOL 404 - Geophysics (3)
GEOL 404L - Geophysics Laboratory (1)
GEOL 411 - Paleontology (3)
GEOL 411L - Paleontology Laboratory (1)
GEOL 444 - Sedimentology & Stratigraphy (3)
GEOL 444L - Sedimentology & Stratigraphy Laboratory (1)

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

Department: SBS

Program Modification

Sociology: M750

Degree Type: Minor

Revision to program sheet: Yes ☑ No ☐

Description of modification:

We propose reducing the number of semester hours required for the minor from 24 to 21. We would do so by requiring one fewer upper-division elective.

Justification:

We believe that this change will make the minor more attractive to students and easier to pair with any major. The sociology minor already nicely complements a wide range of majors. At 21 semester hours, the sociology minor will still provide students with a strong background in key concepts and findings from the field of sociology, as well as exposure to wide range of upper-division electives.

Revision to SLOs: Yes ☐ No ☑

Other changes: Yes ☐ No ☑

Discussions with affected departments:

NA

Proposed by: Stephen Merino

Director of Teacher Education Signature:

Expected Implementation: Fall 2019

2019-2020 PROGRAM REQUIREMENTS
Minor: Sociology

About This Minor. . .
Sociology is the study of social life, social change, social organization, and the social causes and consequences of human behavior. Sociologists investigate the structure of groups, organizations, and societies, as well as how people interact within these contexts. Since all human behavior is social, the subject matter of sociology ranges widely from intimate families to hostile mobs; from organized crime to religious cults; and from the divisions of race, class and gender to the common beliefs in a culture. Sociology provides many distinctive perspectives on the social world, as well as a range of research methodologies that can be applied to virtually any aspect of social life, from corporate downsizing to problems of peace and war to the expression of emotion and beyond. Because sociology addresses the most challenging issues of our time, it is an expanding field whose potential is increasingly tapped by those who craft policies and create social programs.

Sociology majors gain important skills in critical thinking, research methods, and responsible citizenship. Students who minor in sociology develop an understanding of social behavior and social organization that is useful in any career path they choose.

Advising Process and DegreeWorks
This document is intended for informational purposes to help determine what courses and associated requirements are needed to earn a minor. Meeting with an academic advisor is essential in planning courses and developing a suggested course sequencing. It is ultimately the student's responsibility to understand and fulfill the requirements for her/his intended minor.

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a minor. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head for the minor. Discrepancies in requirements should be reported to the Registrar's Office.

Graduation Process
A minor cannot be awarded by itself. It must be combined with a baccalaureate degree outside the major field of study. Students should follow the graduation process outlined for the baccalaureate degree and list their majors and minors on the "Intent to Graduate" form.

If a student's petition for graduation is denied, it will be her/his responsibility to consult the Registrar's Office regarding next steps.

INSTITUTIONAL MINOR REQUIREMENTS

The following institutional requirements apply to all CMU minors. Specific programs may have different requirements that must be met in addition to institutional requirements.

- A minor consists of 15-24 semester hours. There may be prerequisites required for the minor which will increase the total number of credit hours for a student who has not already taken those prerequisites.
- Courses taken to satisfy Essential Learning, major requirements, or electives **can** be counted toward the minor if applicable.
- At least 33 percent of the credit hours required for the minor must be in courses numbered 300 or above.
- At least 25 percent of the classes must be taken at CMU.
- 2.00 cumulative GPA or higher for the courses used for the minor.
- A minor is not a degree by itself and must be earned at the same time as a baccalaureate degree.
- A minor must be outside the major field of study.
- A student may earn up to five minors with any baccalaureate degree at CMU.
- The Catalog Year determines which program sheet and degree requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements sheet you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

PROGRAM-SPECIFIC MINOR REQUIREMENTS

- 2~~1~~4 semester hours for the Minor in Sociology.

REQUIRED COURSES FOR THE SOCIOLOGY MINOR (2~~1~~4 semester hours)

- ☐ SOCO 202 - Introduction to Sociological Inquiry (3)
- ☐ SOCO 260 - General Sociology (3)
- ☐ SOCO 264 - Social Problems (3)

1~~2~~5 semester hours of Upper Division Sociology (SOCO) courses:

- ☐ SOCO_____
- ☐ SOCO_____
- ☐ SOCO_____
- ☐ SOCO_____
- ☐ ~~SOCO_____~~

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UCC Review of Foundation Course Text and Proposed Amendment

When the committee reviews program additions or modifications for bachelor programs (with the exception of BAS programs), there is often debate over whether foundation hours exceed limitations. In response to this issue, the UCC Executive Committee reviewed the Foundation Courses information in the Curriculum Policies and Procedures Manual and discussed potential solutions. The following information and proposed solution was presented to Academic Department Heads and programs were reviewed for potential issues. In the end, it was determined that the proposed changes were reasonable and merited discussion and potential approval by UCC and Faculty Senate.

The Curriculum Policies and Procedures Manual outlines the purpose and boundaries of Foundation Courses on page 33:

M. Foundation Courses

All bachelors programs except the BAS will include a category for Foundation Courses. Foundation courses are 100 and 200 level supporting or departmental courses identified by the host department to help the student with an Associate of Arts or Associate of Science degree to complete the Bachelors degree with an additional 60 hours and within 2 years. The foundation courses will include the corresponding courses identified in the transfer agreement for that degree program. Additional foundation courses may be included that are not on the transfer agreement.

The issue that arises is a concern over departments sometimes proposing new programs or program modifications that load hours in the Foundation Requirements, thus not including a sufficient amount of hours in the program requirements or overburdening students with excess Foundation Requirements. To help UCC best judge when Foundation Requirements are excessive or not, as well as to help enforce this rule, the Executive Committee would like to better define the limits on these. After careful review of the policy, it was determined that a maximum of 27 credit hours Foundation Course would assist in enforcement of the rule and better guide faculty in their preparation of proposal. The following outlines how the limit of 27 credit hours was determined:

> The idea is that the Foundation Courses (limit undefined) plus the Essential Learning courses (31 hours), Wellness Requirements (2 hours), and Essential Learning Requirements (4 hours), should total 60 hours, leaving the student with a remaining 60 hours necessary to complete the degree. Students who enter with an AA or AS from another institution would have the Essential Learning, Wellness Requirements, and ESSL 200 and 290 waived (37 hours total).
>
> However, using 37 hours as the base amount for determining a Foundation Requirements cap disadvantages students who move internally from an AA or AS degree as they would still need to complete the ESSL 200 and 290 courses. Removing the ESSL courses from the calculation to prevent overburdening our own students, this brings us down to 33 hours. This leaves 27 hours for the Foundation Courses before reaching the threshold of

60 hours and leaving 60 hours for completion of the degree. Neither external nor internal students are disadvantaged by a cap of 27 credit hours for Foundation Courses as it allows both parties to complete the baccalaureate with an additional 60 hours without overloading the Foundation Requirements.

With these calculations in consideration, it is in the opinion of the Executive Committee that it would be reasonable and justifiable to directly state that programs are limited to 27 Foundation Requirements hours as this would reach the 60 hour maximum, leaving the student with 60 hours remaining. This would serve to both define these limits and signal to PTO programs that require more than 27 Foundation Requirements hours that they need to file for a curricular exception. We propose that this maximum be added to the Curriculum Policies and Procedures Manual text above along with a brief description of how this cap amount was determined. The description of the calculation would allow for easy adjustments to the cap should there be changes to hour requirements in other areas.

Calculations:

	CMU 4-year degree	CMU or WCCC AA or AS first	CMU 4-year degree	CMU or WCCC AA or AS first
Non-PTO Programs	Foundation Capped at **23 credits** BA or BS capped at 120 credits		Foundation Capped at **27 credits** BA or BS capped at 120 credits	
Essential Learning	31	31	31	31
Wellness	2	2	2	2
Milestone	4	0	4	0
Foundation OR Additional requirements for AA/AS	23	27	27	27
	Requirements AFTER Foundation OR AA/AS		Requirements AFTER Foundation OR AA/AS	
Milestone	0	4	0	4
Major Requirements + General Electives	60	60	54	54
Total Credits	**120**	**124**	**120**	**120**