

M	IP	N	Completion and certification of CSU will permit a student to transfer from Copper Mountain College to a campus in CSU system without the need, after transfer, to take additional lower-division general education courses. All courses must be completed with a grade of "C" or better. CERTIFICATION: GE Certification means that CMC has verified that a student has completed lower-division requirements for the CSU system. Certification is important, without certification students will be held to general education requirements specific to the CSU campus to which they transfer. GE certification is not required for transfer. Some high unit majors, for example engineering, may recommend prioritizing major preparation classes over GE certification. See a Counselor for more information. LEGEND: <i>Courses without prerequisites are italicized</i> *Courses that appear in multiple areas below, can only be counted in one area. +Transfer credit may be limited by UC, CSU or both. Consult with a counselor. M = Met/Completed IP = In Progress N = Need to Complete		
AREA A ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING			1 course from A1, A2, A3 (9 semester units)		
			A1 ORAL COMMUNICATION (1 course, 3 semester units): SP 001 Interpersonal Communication (3) SP 004 Public Speaking (3) SP 015 Intercultural Communication (3)		
			A2 WRITTEN COMMUNICATION (1 course, 3 semester units): ENG 003A College Composition (3)		
			A3 CRITICAL THINKING (1 course 3 – semester units): ENG 001C Argumentation & Critical Thinking (3) (Effective Spring 2015) PHIL 010 <i>General Logic</i> (3) SOC 004 Sociological Analysis and Critical Thinking (3) SP 007 Decision-Making & Advocacy (3)		
AREA B SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING			1 course from B1, B2, B3 and B4 (9 semester units)		
			B1 PHYSICAL A 001 <i>Descriptive Astronomy</i> (3) CH 005 Bio-Organic Chemistry (4) G 010 <i>The Earth Sciences</i> (4) A 001L <i>Descriptive Astronomy Lab</i> (1) CH 010A Organic Chemistry (5) (Effective Fall 2015) GEOG 001 <i>Physical Geography</i> (3) CH 001A General Chemistry (5) CH 010B Organic Chemistry (5) (Effective Fall 2015) PH 001 Introductory Physics (4) CH 001B General Chemistry (5) G 001 <i>Physical Geology</i> (4) PH 004A Physics for Scientists & Engineers (4) CH 003 <i>Introductory General Chemistry</i> (4) G 005 <i>Environmental Geology</i> (4) PH 004B Physics for Scientists & Engineers (4) PH 004C Physics for Scientists & Engineers (4)		
			B2 LIFE ANTH 001 Introduction to Physical Anthropology (3) BI 005 Molecular & Cellular Biology (5) (Effective Fall 2013) BI 022 Human Anatomy (4) BI 004 <i>Elements of Biology</i> (3) BI 006 Biology of Organisms (5) (Effective Fall 2013) BI 023 Human Physiology (5) BI 004L <i>Elements of Biology Lab</i> (1) BI 015 General Microbiology (5) NR 001 <i>Conservation of Natural Resources</i> (3)		
			B3 LABORATORY Met with the completion of a laboratory course from B1 or B2 . Courses with 4 or more units include a lab which meets this requirement.		
			B4 MATHEMATICS/QUANTITATIVE REASONING MATH 001A <i>Calculus</i> (4) MATH 002C Ordinary Differential Equations (4) MATH 012 Pre-Calculus (5) (Effective Fall 2013) MATH 014 Statistical Methods (4) MATH 001B <i>Calculus</i> (4) MATH 004 Discrete Structures (3) MATH 016 Mathematics for Elementary School Teachers (3) MATH 002A Multivariate Calculus (5) (Effective Fall 2014) MATH 005 Trigonometry (4) (Effective Spring 2015) MATH 002B <i>Linear Algebra</i> (4) (Effective Fall 2014) MATH 010 College Algebra (4) SOC 003 Fundamentals of Statistics (4)		
AREA C ARTS & HUMANITIES			Minimum of 3 courses, with at least one course from C1, one course from C2, and the third course from C1 or C2 (9 semester units)		
			C1 ARTS ART 003A <i>Introduction to Two-Dimensional Design</i> (3) ART 051 <i>Western Art History: Renaissance to Contemporary</i> (3) MUS 005 <i>History of Rock 'N' Roll</i> (3) ART 010 <i>Introduction to Art</i> (3) ART 052 <i>History of Art: Modern to Contemporary Art with a Global Perspective</i> (3) MUS 010 <i>Introduction to Music</i> (3) ART 033 <i>History of Photography</i> (3) ART 053 <i>Introduction to the Visual Arts of Non-western Cultures</i> (3) TA 001 <i>Introduction to Theatre</i> (3) ART 050 <i>History of Western Art: Prehistory - Middle Ages</i> (3) TA 002 <i>Acting I</i> (3)		

AREA C ARTS & HUMANITIES

Minimum of 3 courses, with at least one course from C1, one course from C2, and the third course from C1 or C2 (9 semester units)

M	IP	N	C2 HUMANITIES
			<p>ASL 001 <i>Elementary American Sign Language I</i> (5) ASL 002 <i>Elementary American Sign Language II</i> (5) ASL 003 <i>Intermediate American Sign Language I</i> (4) ASL 004 <i>Intermediate American Sign Language II</i> (4) ENG 001B <i>Composition & Literature</i> (3) ENG 010A <i>American Literature I</i> (3) ENG 010B <i>American Literature II</i> (3) ENG 011A <i>Survey of English Literature: Old English to 18th Century</i> (3) ENG 011B <i>Survey of English Literature: Romantic-Postmodernism</i> (3)</p>
			<p>ENG 012A <i>World Literature I: Beg-1650</i> (3) ENG 012B <i>World Literature II: The Modern World (1650-Present)</i> (3) HIST 003* <i>History of World Civilizations I</i> (3) HIST 004* <i>History of World Civilizations II</i> (3) HIST 017* <i>U.S. History through Reconstruction</i> (3) HIST 018* <i>U.S. History from Reconstruction to Present</i> (3) PHIL 006 <i>Introduction to Philosophy</i> (3) PHIL 008 <i>Philosophy from Ancient Times to the Renaissance</i> (3) PHIL 012* <i>Religions of the World</i> (3)</p>
			<p>PHIL 013 <i>Perspectives on Death & Dying</i> (3) PHIL 014 <i>Introduction to Ethics</i> (3) SP 002 <i>Oral Interpretation of Literature</i> (3) (Effective Fall 2020) SPAN 001 <i>Elementary Spanish</i> (5) SPAN 002* <i>Elementary Spanish</i> (5) SPAN 003* <i>Intermediate Spanish</i> (4) SPAN 004* <i>Intermediate Spanish</i> (4) TA 001 <i>Introduction to Theatre</i> (3)</p>

ONE ADDITIONAL COURSE FROM C1 OR C2

AREA D SOCIAL & BEHAVIORAL SCIENCES

Minimum of 2 courses (6 semester units)

M	IP	N	Area D Courses
			<p>D0 – Sociology & Criminology CJ 002 <i>Criminal Law</i> (3) (Effective Spring 2011) CJ 010 <i>Juvenile Delinquency</i> (3) (Effective Spring 2011) CJ 032 <i>Introduction to Criminology</i> (3) (Effective Spring 2011) ^EGSJ 014 <i>Introduction to Race and Ethnicity</i> (3) SOC 001 <i>Introduction to Sociology</i> (3) SOC 002 <i>Social Problems</i> (3) ^SOC 014 <i>Introduction to Race and Ethnicity</i> (3) D1 – Anthropology & Archeology ANTH 002 <i>Cultural Anthropology</i> (3) ANTH 003 <i>Archaeology: An Introduction to Prehistory</i> (3) D2 – Economics ECON 001 <i>Principles of Macroeconomics</i> (3) ECON 002 <i>Principles of Microeconomics</i> (3) D3 – Ethnic Studies SOC 014 <i>Introduction to Race and Ethnicity</i> (3)</p>
			<p>D4 – Gender Studies *PSY 010 <i>Introduction to Marriage & Family</i> (3) *SOC 010 <i>Introduction to Marriage & Family</i> (3) D5 – Geography GEOG 002 <i>Cultural Geography</i> (3) GEOG 007 <i>World Regional Geography</i> (3) (Effective Fall 2015) D6 – History ^EGSJ 020 <i>Native American Studies</i> (3) HIST 003 <i>History of World Civilizations I</i> (3) HIST 004 <i>History of World Civilizations II</i> (3) HIST 017 <i>U.S. History Through Reconstruction</i> (3) HIST 018 <i>U.S. History from Reconstruction to Present</i> (3) HIST 019 <i>California History</i> (3) ^HIST 020 <i>Native American Studies</i> (3) D7 – Interdisciplinary Social or Behavioral Science CD 010 <i>Child Development</i> (4) (Effective Fall 2010) CD 012 <i>Child, Family, & Community</i> (3) (Effective Fall 2012)</p>
			<p>PSY 005 <i>Behavioral & Social Science Research Methods</i> (4) SP 015 <i>Intercultural Communication</i> (3) D8 – Political Science, Government and Legal Institutions CJ 001 <i>Introduction to Criminal Justice</i> (3) PS 001 <i>Introduction to Government</i> (3) PS 002 <i>Introduction to Comparative Governments</i> (3) PS 004 <i>Introduction to International Relations</i> (3) D9 – Psychology PSY 001 <i>General Psychology</i> (3) PSY 003 <i>Developmental Psychology</i> (3) PSY 005 <i>Behavioral & Social Science Research Methods</i> (4) PSY 012 <i>Human Sexuality</i> (3) (Effective Fall 2013) PSY 033 <i>Personal & Social Adjustment</i> (3)</p>
			<p>^EGSJ 014 and SOC 014; EGSJ 020 and HIST 020 are comparable courses. Therefore, credit is awarded for only one course.</p>

AREA E LIFELONG LEARNING AND SELF-DEVELOPMENT

Minimum of 3 semester units.

			<p>CD 010 <i>Child Development</i> (4) (Effective Fall 2010) CD 044 <i>Child Health, Safety, & Nutrition</i> (3) (Effective Fall 2012) HS 001 <i>Personal and Community Health</i> (3) HS 013 <i>General Nutrition</i> (3)</p>
			<p>KIN 001 <i>Introduction to Kinesiology</i> (3) (Effective Spring 2020) PHIL 013 <i>Perspectives on Death & Dying</i> (3) PSY 003 <i>Developmental Psychology</i> (3) ^PSY 010 <i>Introduction to Marriage & Family</i> (3) PSY 012 <i>Human Sexuality</i> (3)</p>
			<p>PSY 033 <i>Personal and Social Adjustment</i> (3) ^SOC 010 <i>Introduction to Marriage & Family</i> (3) STDV 065 <i>College and Personal Success</i> (3) (Effective Fall 2013)</p>
			<p>^PSY 010 and SOC 010 are comparable courses. Therefore, credit is awarded for only one course.</p>

AREA F ETHNIC STUDIES

Minimum of 3 semester units.

^EGSJ 020 *Native American Studies* (3)

^EGSJ 020 and HIST 020 are comparable courses. Therefore, credit is awarded for only one course.

CSU GRADUATION REQUIREMENTS - U.S. History & American Institutions

1 course from GROUP 1 and 1 course from GROUP 2

GROUP 1: PS 1 **GROUP 2:** HIST 17, 18

Environmental Studies AA

Semester: Fall Year:

COURSE	UNITS
CH 3 Intro to Chemistry	3.00
MATH 12 Precalculus	5.00
TOTAL UNITS	6.00

Semester: Spring Year:

COURSE	UNITS
MATH 1A Calculus	5.00
TOTAL UNITS	6.00

Semester: Fall Year:

COURSE	UNITS
TOTAL UNITS	0.00

Semester: Spring Year:

COURSE	UNITS
TOTAL UNITS	0.00

ENVIRONMENTAL STUDIES

The Environmental Studies Program is designed to prepare students for transfer into an environmental science/studies program at either a California State University (CSU) or the University of California (UC) system. Students who complete the required courses will have the basic foundation necessary to be successful in established programs. Please note that if you choose an Environmental Science option at either CSU or UC, that most programs require one year of General Biology, General Chemistry, and calculus-based Physics. The restricted electives should be carefully chosen with the advice of a counselor or academic advisor in order to ensure that you are adequately prepared for the transfer institution of choice.

ASSOCIATE IN SCIENCE IN ENVIRONMENTAL STUDIES

Program Student Learning Outcomes

Upon successful completion of this program students will be able to:

1. Compare and contrast best practices in environmental studies including ethical behavior and peer-reviewed research. (Institutional SLOs: Ethics, Personal Development, and Information Competency)
2. Utilize scientific methods to empirically test hypotheses and apply findings within the context of the sciences. (Institutional SLOs: Communication, Critical Thinking, Personal Development, and Information Competency)
3. Collaboratively analyze collected data using problem-based learning and communicate findings in written and oral forms. (Institutional SLOs: Communication, Critical Thinking, Personal Development, and Information Competency)

Dept./No.	Title	Units
Required Courses:		
BI 005	Molecular and Cellular Biology	
	or	
BI 006	Biology of Organisms	
	or	
BI 004	Elements of Biology with	
BI 004L	Elements of Biology Lab.....	4-5
CH 001A	General Chemistry	
	or	
CH 003	Introductory General Chemistry	4-5
G 001	Physical Geology	
	or	
G 005	Environmental Geology	
	or	
G 010	The Earth Sciences.....	4
MATH 001A	Calculus.....	4
PH 001	Introductory Physics	
	or	
PH 004A	Physics for Scientists and Engineers	4
Restricted Electives - choose twenty-six to twenty-seven (26-27) units from the following:		
(Select courses as required by the transfer university. Check with www.assist.org and your advisor for more details as you begin the program.)		
ANTH 001, BI 005, BI 006, CH 001A, CH 001B, GEOG 001, MATH 001B, NR 001, PH 004A, PH 004B.		
Required Courses		20-22
Restricted Electives		26-27
CSU or IGETC General Ed. Requirement (confer with advisor) 16-18		
MINIMUM TRANSFERABLE UNITS		60
Advisor:	B. Bridenbecker	

CERTIFICATE OF ACHIEVEMENT IN DESERT STUDIES

The Desert Studies Certificate emphasizes themes and activities unique to the North American desert. The certificate provides foundational knowledge of wildlife, geology, history, anthropology, natural resources and geography. A directed research project or internship with local organizations provides students with opportunities to work closely with regional specialists. The certificate is also designed to prepare students for entry into the Environmental Studies A.S. degree program at Copper Mountain College.

Program Student Learning Outcomes

Upon successful completion of this program students will be able to:

1. Compare and contrast best practices in environmental studies including ethical behavior and peer-reviewed research. (Institutional SLOs: Ethics, Personal Development, and Information Competency)
2. Utilize scientific methods to empirically test hypotheses and apply findings within the context of the sciences. (Institutional SLOs: Communication, Critical Thinking, Personal Development, and Information Competency)
3. Collaboratively analyze collected data using problem-based learning and communicate findings in written and oral forms. (Institutional SLOs: Communication, Critical Thinking, Personal Development, and Information Competency)

Dept./No.	Title	Units
Required Courses:		
BI 005	Molecular and Cellular Biology	
	or	
BI 006	Biology of Organisms	
	or	
BI 004	Elements of Biology with	
BI 004L	Elements of Biology Lab.....	4-5
NR 001	Conservation of Natural Resources.....	3
G 001	Physical Geology.....	4
HIST 019	California History	
	or	
ANTH 002	Cultural Anthropology	3
BI 048A	Directed Research Seminar	
	or	
ART 048A, B, or C	Directed Research Seminar	
	or	
GEOG 048A, B, or C	Directed Research Seminar.....	1-3
Restricted Electives - choose minimum of three (3) units from the following (or any course from Required Courses not used). A 001, A 001L, ANTH 001, ANTH 003, CH 001A, CH 001B, CH 003, CS 073, GEOG 001, HIST 003, MATH 001A, MATH 001B, PH 001, PH 004A, PH 004B.		
Required Courses		15
Restricted Electives		3
MINIMUM CERTIFICATE UNITS		18
Advisors:	B. Bridenbecker, P. Delaney, D. Pieper	