

# Environmental Science Emphasis

## Associate of Science

**Associate of Science: Environmental Science** This program will prepare students to transfer into a four-year Environmental Science program or, based on electives selected, transfer to an environmentally-related program such as Geology, Environmental Engineering, and Environmental Health.

See the section on Scholarships and Awards for scholarship opportunities related to this program. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 33. Not every course is offered on every campus.

### State Guaranteed General Education Requirements

(31 credits minimum across 5 content areas, plus 3 credits of COM required)

#### Communication - 6 credits ENG plus 3 credits COM (GT-C01-3)

GRADE/SEM	COURSE #	CREDIT
_____	🔒 ENG 121 English Composition I	3
_____	🔒 ENG 122 English Composition II	3
_____	🔒 ENG 201 English Composition III: Writing for Public Discourse	3
_____	* COM 115 Public Speaking	3
_____	* COM 125 Interpersonal Communication	3

**Mathematics** 1 course (3-5 credits) Credits over 3 will be added to electives. (GT-MA1)

_____	🔒 MAT 121 College Algebra	4
_____	🔒 MAT 122 College Trigonometry	3
_____	🔒 MAT 201 Calculus I	5
_____	🔒 MAT 202 Calculus II	5
_____	🔒 MAT 203 Calculus III	4
_____	🔒 MAT 265 Differential Equations	3

#### Arts & Humanities 2 courses (6 credit hours)

##### Arts (GT-AH1)

_____	🔒 ART 110 Art Appreciation	3
_____	🔒 ART 111 Art History Ancient to Medieval	3
_____	🔒 ART 112 Art History Renaissance to Modern (1900)	3
_____	🔒 ART 207 Art History - 1900 to present	3
_____	🔒 DAN 125 History of Dance I	3
_____	🔒 MUS 120 Music Appreciation	3
_____	🔒 MUS 121 Music History I	3
_____	🔒 MUS 122 Music History II	3
_____	🔒 MUS 123 Survey of World Music	3
_____	🔒 MUS 125 History of Jazz	3
_____	🔒 THE 105 Theatre Appreciation	3
_____	🔒 THE 211 Development of Theatre I	3
_____	🔒 THE 212 Development of Theatre II	3

##### Literature & Humanities (GT-AH2)

_____	🔒 HUM 115 World Mythology	3
_____	🔒 HUM121 Early Civilizations	3
_____	🔒 HUM122 From Medieval to Modern	3
_____	🔒 HUM123 The Modern World	3
_____	🔒 LIT 115 Introduction to Literature I	3
_____	🔒 LIT 201 World Literature to 1600	3
_____	🔒 LIT 202 World Literature after 1600	3
_____	🔒 LIT 205 Ethnic Literature	3
_____	🔒 LIT 211 Survey of American Literature I	3

_____	🔒 LIT 212 Survey of American Literature II	3
_____	🔒 LIT 221 Survey of British Literature I	3
_____	🔒 LIT 222 Survey of British Literature II	3
_____	🔒 LIT 225 Introduction to Shakespeare	3
_____	🔒 LIT 268 Celtic Literature	3

##### Ways of Thinking (GT-AH3)

_____	🔒 PHI 111 Introduction to Philosophy	3
_____	🔒 PHI 112 Ethics	3
_____	🔒 PHI 113 Logic	3
_____	🔒 PHI 114 Comparative Religions	3
_____	🔒 PHI 214 Philosophy of Religion	3
_____	🔒 PHI 218 Environmental Ethics	3

##### Foreign Languages (GT-AH4)

_____	🔒 FRE 211 French Language III	3
_____	🔒 FRE 212 French Language IV	3
_____	🔒 GER 211 German Language III	3
_____	🔒 GER 212 German Language IV	3
_____	🔒 ITA 211 Italian Language III	3
_____	🔒 ITA 212 Italian Language IV	3
_____	🔒 JPN 211 Japanese Language III	3
_____	🔒 JPN 212 Japanese Language IV	3
_____	🔒 RUS 211 Russian Language III	3
_____	🔒 RUS 212 Russian Language IV	3
_____	🔒 SPA 211 Spanish Language III	3
_____	🔒 SPA 212 Spanish Language IV	3

**Social & Behavioral Sciences** 2 courses (6 credit hours). Select 2 courses, 1 of which must be History.

##### History (GT-HI1)

_____	🔒 HIS 101 Western Civilization: Antiquity - 1650	3
_____	🔒 HIS 102 Western Civilization: 1650 - Present	3
_____	🔒 HIS 111 The World: Antiquity - 1500	3
_____	🔒 HIS 112 The World: 1500 - Present	3
_____	🔒 HIS 201 U.S. History to Reconstruction	3
_____	🔒 HIS 202 U.S. History Since the Civil War	3
_____	🔒 HIS 208 American Indian History	3
_____	🔒 HIS 215 Women in U.S. History	3
_____	🔒 HIS 225 Colorado History	3
_____	🔒 HIS 236 U.S. History Since 1945	3
_____	🔒 HIS 243 History of Modern China	3
_____	🔒 HIS 244 History of Latin America	3
_____	🔒 HIS 245 U.S. in the World	3
_____	🔒 HIS 247 20th Century World History	3
_____	🔒 HIS 255 The Middle Ages	3
_____	🔒 HIS 260 U.S. Foreign Relations	3

##### Economic & Political Systems (GT-SS1)

_____	🔒 ECO 201 Principles of Macroeconomics	3
_____	🔒 ECO 202 Principles of Microeconomics	3
_____	🔒 ECO 245 Environmental Economics	3
_____	🔒 POS 105 Introduction to Political Science	3
_____	🔒 POS 111 American Government	3
_____	🔒 POS 125 American State and Local Government	3
_____	🔒 POS 205 International Relations	3
_____	🔒 POS 225 Comparative Government	3

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## Geography (GT-SS2)

- \_\_\_\_\_ 🗝 GEO 105 World Regional Geography 3
- \_\_\_\_\_ 🗝 GEO 106 Human Geography 3

## Human Behavior & Social Systems (GT-SS3)

- \_\_\_\_\_ 🗝 ANT 101 Cultural Anthropology 3
- \_\_\_\_\_ 🗝 ANT 107 Introduction to Archaeology 3
- \_\_\_\_\_ 🗝 ANT 108 Archaeology of World Rock Art 3
- \_\_\_\_\_ 🗝 ANT 111 Physical Anthropology 3
- \_\_\_\_\_ 🗝 ANT 201 Introduction to Forensic Anthropology 3
- \_\_\_\_\_ 🗝 ANT 215 Indians of North America 3
- \_\_\_\_\_ 🗝 JOU 105 Introduction to Mass Media 3
- \_\_\_\_\_ 🗝 PSY 101 General Psychology I 3
- \_\_\_\_\_ 🗝 PSY 102 General Psychology II 3
- \_\_\_\_\_ 🗝 PSY 205 Psychology of Gender 3
- \_\_\_\_\_ 🗝 PSY 217 Human Sexuality 3
- \_\_\_\_\_ 🗝 PSY 226 Social Psychology 3
- \_\_\_\_\_ 🗝 PSY 235 Human Growth and Development 3
- \_\_\_\_\_ 🗝 PSY 238 Child Development 3
- \_\_\_\_\_ 🗝 PSY 249 Abnormal Psychology 3
- \_\_\_\_\_ 🗝 SOC 101 Introduction to Sociology I 3
- \_\_\_\_\_ 🗝 SOC 102 Introduction to Sociology II 3
- \_\_\_\_\_ 🗝 SOC 205 Sociology of Family Dynamics 3
- \_\_\_\_\_ 🗝 SOC 207 Environmental Sociology 3
- \_\_\_\_\_ 🗝 SOC 215 Contemporary Social Problems 3
- \_\_\_\_\_ 🗝 SOC 216 Sociology of Gender 3
- \_\_\_\_\_ 🗝 SOC 218 Sociology of Diversity 3
- \_\_\_\_\_ 🗝 SOC 237 Sociology of Death and Dying 3

*\*If necessary to reach a minimum of 15 credits in Arts and Humanities, History, or Social and Behavioral Sciences, select 1 additional course (minimum 3 credits) from these categories.*

- \_\_\_\_\_ 🗝 1 additional course, if needed 3

## Environmental Science Program Requirements 8 credits (GT-SC1)

- \_\_\_\_\_ 🗝 ENV 101 Introduction to Environmental Science 4
- \_\_\_\_\_ 🗝 GEY 111 Physical Geology 4

## Wellness Requirements Transfer Level (\*) PED/OUT/DAN/HWE 100 or 111: 2 credits.

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## Colorado Mountain College Requirements

Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate proficiency via an examination administered by the college or take CIS118. If you take the course, it will be applied to the elective credit.

## Electives

You must complete an additional 24 credits in any of the Science or Mathematics disciplines (AST, BIO, CHE, ENV, GEY, HIS-207, MAT, MET, NRE-251 & NRE-252, PHY) numbered 100-299, marked with a lock or general transfer marked with an asterisk (\*) in the Course Description section, CIS-118 may be used if required. Students are strongly encouraged to work with their advisor in order to satisfy transfer requirements to specific four-year institutions.

As an example, students should select a minimum of 24 credits from at least 2 different content areas depending on interests.

## Biology

- \_\_\_\_\_ 🗝 BIO 111 General College Biology I with Lab 5
- \_\_\_\_\_ 🗝 BIO 112 General College Biology II with Lab 5
- \_\_\_\_\_ 🗝 BIO 204 Microbiology 4
- \_\_\_\_\_ \* BIO 222 General College Ecology 4

## Chemistry

- \_\_\_\_\_ 🗝 CHE 111 General College Chemistry I 5
- \_\_\_\_\_ 🗝 CHE 112 General College Chemistry II 5
- \_\_\_\_\_ \* CHE 211 Organic Chemistry I 5
- \_\_\_\_\_ \* CHE 212 Organic Chemistry II 5

## Geology

- \_\_\_\_\_ 🗝 GEY 121 Historical Geology 4
- \_\_\_\_\_ \* GEY 135 Environmental Geology 3
- \_\_\_\_\_ \* GEY 205 Geology of Colorado 3

## Physics

- \_\_\_\_\_ 🗝 PHY 211 Physics: Calculus Based I with Lab 5
- \_\_\_\_\_ 🗝 PHY 212 Physics: Calculus Based II with Lab 5

**Total Elective Credits (min. 24)** \_\_\_\_\_

**Total Credits Earned** \_\_\_\_\_

**State Guaranteed General Education Requirements (min. 31)** \_\_\_\_\_

**COM 115 or COM 125 (3 credits)** \_\_\_\_\_

**Wellness Requirement (min. 2)** \_\_\_\_\_

**Electives (min. 24)** \_\_\_\_\_

**Total credits toward Associate of Science degree (min. 60)** \_\_\_\_\_