

Colorado School of Mines

Updated 08/25/2021

This is intended as a guide to select coursework for transfer. Programs and transfer policies change; therefore, students are encouraged to maintain contact with the four-year college and RRCC Advising. Final approval of transfer credit lies with the four-year institution.

All Majors:

Science and Mathematics	29 credits
MAT 201 - Calculus I	5
MAT 202 - Calculus II ¹	5
MAT 204 - Calculus III ¹	5
MAT 261 - Differential Equations	4
CHE 111 - General College Chemistry I	5
PHY 211 - Physics I: Calculus-Based	5
Communications ²	6 credits
PHI 218 - Environmental Ethics <i>PLUS (choose one English course from)</i> ENG 122 - English Composition II <i>OR</i> ENG 131 - Technical Writing	3 3
Social and Behavioral Sciences	3 credits
ECO 201 - Principles of Macroeconomics <i>OR</i> ECO 202 - Principles of Microeconomics	3
History or Social and Behavioral Sciences or Arts and Humanities	3 credits
HIS 247 – 20 th Century World History <i>OR</i> SOC 207 – Environmental Sociology <i>OR</i> POS 225 – Comparative Government <i>OR</i> LIT 202 – World Lit after 1600	3
Engineering Design & Society (EDNS)	3 credits
EDNS 151 - Design I ³ [formerly called EPICS] <i>OR</i> EGT 140 – Introduction to Design and Engineering Applications (IDEA Lab)	3 3
Distributed HASS Requirements	6 credits
Foreign Language at 100 or 200 level (excluding conversational) <i>and/or</i> 200 level courses in Literature, History, Humanities, Political science, or Social science (not listed above)	6
Physical Education	2 credits
Must be taken in 2 separate semesters. Does not apply to DD 214 (veterans) or students 26 years of age or older.	2
¹ It is recommended to take Calculus II & III at the same institution, but it's not required.	
² These courses complete CSM Nature and Human Values requirement (HASS 100)	
³ Complete this course at CSM while in attendance at RRCC	

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Distributed Science Courses

Students must also complete 3 of the following science columns below, determined by major selection.

Major	BIO 111 5 credits	GEY 111 4 credits	PHY 212 ⁴ 5 credits	CHE 112 ⁴ 5 credits	CSC 119 + CNG 124 or CIS 243 6credits	CHE 211 ⁵ CHE 212 ⁵ 10 credits	MAT 135 3 credits
Applied Math & Statistics			Required		Required		Required
Chemical & Biological Engineering	Required		Required	Required		Case by case basis	
Chemistry	Allowed	Allowed	Required	Required		Case by case basis	Allowed
Civil & Environmental Engineering	Allowed	Required	Required	Required			Required
Computer Science	Allowed	Allowed	Required	Allowed	Required		Required
Economics & Business	Allowed	Allowed	Allowed	Allowed	Required		Required
Electrical Engineering	Allowed	Allowed	Required	Allowed	Required		
Engineering Design & Society	Allowed	Allowed	Required	Allowed	Allowed		Allowed
Geology & Geological Engineering		Required	Required	Required			
Geophysics		Required	Required		Required		
Mechanical Engineering			Required	Required	Required		
Metallurgical & Materials Engineering	Allowed	Allowed	Required	Required			Allowed
Mining Engineering		Required	Required	Required			
Petroleum Engineering		Required	Required	Required			
Physics	Allowed	Allowed	Required	Required	Allowed		

⁴Students should complete entire course sequence in Chemistry and/or Physics at one institution.

⁵CHE 211 & CHE 212 considered on a case by case basis.

Other Courses

Mines will accept the following courses with a grade of C or higher. Note that these courses do not count for core curriculum credit at Mines but may apply as free electives or fulfill degree requirements for certain majors. Additionally, Mines McBride Honors Program will accept the following coursework from the Trefny Honors Program at RRCC. Contact Mines for additional details.

RRCC Course	Credits
CSC 119 – Intro to Programming	3
CSC 160 – Computer Science I	4
CSC 161 – Computer Science II	4
GEY 112 – Historical Geology	4
EGG 211 – Statics	3
EGG 212 – Dynamics	3

Trefny Honors Program	Credits
HNR 100 AND	1
HNR 102	2
HNR 202 AND	2
HNR 289	2-4

Admissions Office - Colorado School of Mines, admissions@mines.edu

Jen Broadwater – RRCC Registrar (Regarding EDNS 151 Registration)

(303) 914-6254, jen.broadwater@rrcc.edu

RRCC Advising

(303) 914-6275, advising@rrcc.edu