

Colorado School of Mines

Updated 9/2015

This is a guide to selecting course work for transfer. Programs and transfer policies change; therefore, students are encouraged to maintain contact with the four-year college/university and RRCC Academic 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 PLUS ENG 122 - English Composition II OR ENG 131 - Technical Writing	3 3 3
Social and Behavioral Sciences	6 credits
ECO 201 - Principles of Macroeconomics	3
ECO 202 - Principles of Microeconomics	3
History	3 credits
HIS 247 - Contemporary World History	3
Engineering Practices Introductory Course Sequence (EPICS)	3 credits
EPICS 151 - Design I (3*) OR EGT 140 – Introduction to Design and Engineering Applications	3 3
Distributed HSS Requirements	6 credits
Foreign Language at 100 or 200 level (excluding conversational) and/or 200 level courses in literature, history, humanities, political science, or social science (not listed above) Best Associate of Science degree choices: ANT, PSY, or SOC 2xx AND LIT 2xx	6
Physical Education	4 credits
Any four, individual courses – must be completed in 4 separate semesters. Does not apply to students with DD 214 (veterans) or students 26 years of age or older	4
1* Complete Calculus II & III at the same institution.	
2* These courses complete CSM Nature and Human Values requirement (LAIS 100)	
3* Complete this course at CSM while in attendance at RRCC	

Distributed Science Courses

Additional Requirements

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 5 credits	CHE 112 5 credits	CSC 119 3 credits		CHE 211* CHE 212* 10 credits
Applied Math & Statistics	Allowed	Allowed	Required	Allowed	Required		
Chemical & Biochemical Engineering	Required		Required	Required			Allowed
Chemical Engineering	Required		Required	Required			Allowed
Chemistry	Allowed	Allowed	Required	Required			Allowed
Civil Engineering		Required	Required	Required			
Computer Science	Allowed	Allowed	Required	Allowed	Required		
Economics	Allowed	Allowed	Allowed	Allowed	Allowed		
Electrical Engineering	Allowed	Allowed	Required	Allowed	Allowed		
Engineering Physics	Allowed	Allowed	Required	Required	Allowed		
Environmental Engineering		Required	Required	Required			
Mechanical Engineering	Allowed	Allowed	Required	Required			
Geological Engineering		Required	Required	Required	Allowed		
Geophysical Engineering	Allowed	Required	Required	Allowed	Allowed		
Metallurgical & Materials Engineering	Allowed	Allowed	Required	Required			
Mining Engineering		Required	Required	Required			
Petroleum Engineering		Required	Required	Required			

*Depending on major selection, students should complete entire course sequence in Chemistry and/or Physics at one institution.

*CHE 211 & CHE 212 require grades of B or better to transfer

Contact Sources:

Admissions Office, Colorado School of Mines, admit@mines.edu

Note: Students who plan to transfer to CSM should contact Lisa McDowell at CSM for Advising

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Red Rocks Academic Advising

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