

Colorado School of Mines

Updated 8/2014

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 275 - IDEA I (4*) AND EGT 275 - IDEA II (4*)	3 1.5 1.5
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	
4* Complete both IDEA I and IDEA II	

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
Chemical & Biochemical Engineering	Required		Required	Required			Allowed
Chemical Engineering	Required		Required	Required			Allowed
Chemistry	Allowed	Allowed	Required	Required			Allowed
Economics	Allowed	Allowed	Allowed	Allowed	Allowed		
Engineering – Civil	Allowed	Allowed	Required	Required			
Engineering – Electrical	Allowed	Allowed	Required	Allowed	Required		
Engineering – Environmental	Allowed	Allowed	Required	Required			
Engineering – Mechanical	Allowed	Allowed	Required	Required			
Engineering Physics	Allowed	Allowed	Required	Required			
Geological Engineering		Required	Required	Required			
Geophysical Engineering	Allowed	Required	Required	Allowed	Allowed		
Mathematical & Computer Sciences	Allowed	Allowed	Required	Allowed	Required		
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, admit@mines.edu

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

Lisa McDowell, Admissions Office CSM

(303) 273-3954, lmcdowel@mines.edu

Susan Kumpf, (Regarding EPICS Registration) Records Office RRCC

(303) 914-6356, susan.kumpf@rrcc.edu

Red Rocks Academic Advising

(303) 914-6255, advising@rrcc.edu