

Colorado School of Mines

Updated 10/2018

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 <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	6 credits
ECO 201 - Principles of Macroeconomics	3
ECO 202 - Principles of Microeconomics	3
History	3 credits
HIS 247 - 20th Century World History	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) Best Associate of Science degree choices: ANT, PSY, <i>or</i> SOC 2xx <i>and</i> 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 (HASS 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	<i>Allowed</i>	<i>Allowed</i>	Required	<i>Allowed</i>	Required		
Chemical Engineering	Required		Required	Required			<i>Allowed</i>
Chemistry	<i>Allowed</i>	<i>Allowed</i>	Required	Required			<i>Allowed</i>
Civil Engineering		Required	Required	Required			
Computer Science	<i>Allowed</i>	<i>Allowed</i>	Required	<i>Allowed</i>	Required		
Economics	<i>Allowed</i>	<i>Allowed</i>	<i>Allowed</i>	<i>Allowed</i>	<i>Allowed</i>		
Electrical Engineering	<i>Allowed</i>	<i>Allowed</i>	Required	<i>Allowed</i>	<i>Allowed</i>		
Engineering Physics	<i>Allowed</i>	<i>Allowed</i>	Required	Required	<i>Allowed</i>		
Environmental Engineering		Required	Required	Required			
Mechanical Engineering	<i>Allowed</i>	<i>Allowed</i>	Required	Required			
Geological Engineering		Required	Required	Required	<i>Allowed</i>		
Geophysical Engineering	<i>Allowed</i>	Required	Required	<i>Allowed</i>	<i>Allowed</i>		
Metallurgical & Materials Engineering	<i>Allowed</i>	<i>Allowed</i>	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, admissions@mines.edu

Note: Students who plan to transfer to CSM should email admissions@mines.edu

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Red Rocks Academic Advising

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