

**Colorado School of Mines**

Updated 10/29/2018

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:**

<b>Science and Mathematics</b>	<b>29 credits</b>
<b>MAT 201</b> - Calculus I	5
<b>MAT 202</b> - Calculus II (1*)	5
<b>MAT 204</b> - Calculus III (1*)	5
<b>MAT 261</b> - Differential Equations	4
<b>CHE 111</b> - General College Chemistry I	5
<b>PHY 211</b> - Physics I: Calculus-Based	5
<b>Communications (2*)</b>	<b>6 credits</b>
<b>PHI 218</b> - Environmental Ethics <i>PLUS (choose one English course from)</i> <b>ENG 122</b> - English Composition II <i>OR</i> <b>ENG 131</b> - Technical Writing	3  3
<b>Social and Behavioral Sciences</b>	<b>6 credits</b>
<b>ECO 201</b> - Principles of Macroeconomics	3
<b>ECO 202</b> - Principles of Microeconomics	3
<b>History</b>	<b>3 credits</b>
<b>HIS 247</b> - Contemporary World History	3
<b>Engineering Design &amp; Society (EDNS)</b>	<b>3 credits</b>
<b>EDNS 151</b> - Design I (3*) [formerly called EPICS] <i>OR</i> <b>EGT 140</b> – Introduction to Design and Engineering Applications ( <b>IDEA Lab</b> )	3  3
<b>Distributed HASS Requirements</b>	<b>6 credits</b>
Foreign Language at 100 or 200 level (excluding conversational) <i>and/or</i> <b>200 level</b> 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
<b>Physical Education</b>	<b>4 credits</b>
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
<b>1*</b> It is recommended to take Calculus II & III at the same institution, but it's not required.	
<b>2*</b> These courses complete CSM Nature and Human Values requirement (HASS 100)	
<b>3*</b> 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>	<b>Required</b>	<i>Allowed</i>	<b>Required</b>		
Chemical Engineering	<b>Required</b>		<b>Required</b>	<b>Required</b>			<i>Allowed</i>
Chemistry	<i>Allowed</i>	<i>Allowed</i>	<b>Required</b>	<b>Required</b>			<i>Allowed</i>
Civil Engineering		<b>Required</b>	<b>Required</b>	<b>Required</b>			
Computer Science	<i>Allowed</i>	<i>Allowed</i>	<b>Required</b>	<i>Allowed</i>	<b>Required</b>		
Economics	<i>Allowed</i>	<i>Allowed</i>	<i>Allowed</i>	<i>Allowed</i>	<i>Allowed</i>		
Electrical Engineering	<i>Allowed</i>	<i>Allowed</i>	<b>Required</b>	<i>Allowed</i>	<i>Allowed</i>		
Engineering Physics	<i>Allowed</i>	<i>Allowed</i>	<b>Required</b>	<b>Required</b>	<i>Allowed</i>		
Environmental Engineering		<b>Required</b>	<b>Required</b>	<b>Required</b>			
Mechanical Engineering	<i>Allowed</i>	<i>Allowed</i>	<b>Required</b>	<b>Required</b>			
Geological Engineering		<b>Required</b>	<b>Required</b>	<b>Required</b>	<i>Allowed</i>		
Geophysical Engineering	<i>Allowed</i>	<b>Required</b>	<b>Required</b>	<i>Allowed</i>	<i>Allowed</i>		
Metallurgical & Materials Engineering	<i>Allowed</i>	<i>Allowed</i>	<b>Required</b>	<b>Required</b>			
Mining Engineering		<b>Required</b>	<b>Required</b>	<b>Required</b>			
Petroleum Engineering		<b>Required</b>	<b>Required</b>	<b>Required</b>			

\*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](mailto:admissions@mines.edu)

*Note: Students who plan to transfer to CSM should email [admissions@mines.edu](mailto:admissions@mines.edu)*

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### Red Rocks Academic Advising

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