COLORADO SCHOOL OF MINES  
**CCCS Core Requirements**  
**Undergraduate**

<table>
<thead>
<tr>
<th>CSM Course</th>
<th>CCCS Course Title/Name Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBEN 110</td>
<td>BIO 111 – General College Biology I w/ Lab</td>
</tr>
<tr>
<td>CHGN 121</td>
<td>CHE 111 – College Chemistry I</td>
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<tr>
<td>CHGN 122</td>
<td>CHE 112 – College Chemistry II</td>
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<tr>
<td>CSCI 260</td>
<td>CSC 119 – Introduction to Programming: <em>Language</em></td>
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<tr>
<td>EBGN 201</td>
<td>ECO 201 – Principles of Macroeconomics <strong>AND</strong></td>
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<tr>
<td></td>
<td>ECO 202 – Principles of Microeconomics</td>
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<tr>
<td>EDNS 151</td>
<td>EGG 140 – First Year Engineering Projects <strong>OR</strong></td>
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<tr>
<td></td>
<td>EGT 140 – Introduction to Design and Engineering Applications</td>
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<tr>
<td>GEGN 101</td>
<td>GEY 111 – Physical Geology</td>
</tr>
<tr>
<td>HASS 100</td>
<td>PHI 218 – Environmental Ethics <strong>AND</strong></td>
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<tr>
<td></td>
<td>ENG 131 – Technical Writing <strong>OR</strong></td>
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<tr>
<td></td>
<td>ENG 122 – Composition II</td>
</tr>
<tr>
<td>HASS 100</td>
<td>PHI 218 – Environmental Ethics <strong>AND</strong></td>
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<tr>
<td></td>
<td>ENG 122 – Composition II</td>
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<tr>
<td>HASS 200</td>
<td>SOC 207 – Environmental Sociology <strong>OR</strong></td>
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<tr>
<td></td>
<td>LIT 202 – World History Since 1600 <strong>OR</strong></td>
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<tr>
<td></td>
<td>POS 225 – Comparative Government</td>
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<td></td>
<td>*Note: HIS 247 – 20th Century World History no longer fulfills this requirement</td>
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<tr>
<td>MATH 111</td>
<td>MAT 201: Calculus I</td>
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<tr>
<td>MATH 112</td>
<td>MAT 202: Calculus II</td>
</tr>
<tr>
<td>MATH 213</td>
<td>MAT 203: Calculus III <strong>OR</strong></td>
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<tr>
<td></td>
<td>MAT 204: Calculus III w/ Engineering Apps (preferred)</td>
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<tr>
<td>MATH 225</td>
<td>MAT 265: Differential Equations <strong>OR</strong></td>
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<tr>
<td></td>
<td>MAT 261: Differential Equations w/ Engineering Apps (preferred)</td>
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<tr>
<td>PHGN 100</td>
<td>PHY 211 – Physics: Calculus-Based I/lab</td>
</tr>
<tr>
<td>PHGN 200</td>
<td>PHY 212 – Physics: Calculus-Based II/lab</td>
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</table>

**IMPORTANT:** Courses must be completed with a grade of “C” or better. Please be aware that if a course does not apply to your current degree program, the course will not transfer.

If a course is needed as a pre-requisite, a Registration Action Form will still be required until the course transfers.

**NOTE:** An official transcript issued by the institution with a grade for the course(s) must be submitted directly to the Mines Registrar’s Office in order for credit to be posted to the student’s record.