



Transfer Guide

Degree: BS Applied Mathematics and Statistics

Updated: 3/27/18

This guide is to be used for advising purposes only. A minimum of "C" or better is required to transfer coursework. Admissions requirements may require students to take courses that contradict this guide. Courses taken for admissions requirements may not qualify for credit. When multiple course options are given, recommended course credit hours are shown. If no course is recommended, the lower credit amount is used. Totals used towards degree and free elective indicate useful credit towards a program. Dead credit indicates excess credit that cannot be used towards graduation. Students with a previous Bachelor's Degree, are 26 or older on the first day of classes, or honorably discharged veterans with a valid Form DD 214 are exempt from Physical Activity courses. Please contact the Registrar's Office if there are any questions. This guide is for community colleges that Colorado School of Mines has an articulation agreement with, which includes Red Rocks Community College, Front Range Community College, Community College of Aurora, Arapahoe Community College, Community College of Denver, and Pikes Peak Community College.

Semester 1 (Fall)			
CCCS Course Number	Course Name	CSM Equivalent	Total Hours
MAT 201	Calculus I	MATH 111 (4), FREE 1XX (1)	5
CHE 111	Chemistry I	CHGN 121 (4), FREE 1XX (1)	5
GEY 111 or BIO 111 or two of (CSC 119 and [CNG 124 or CIS 243])	Physical Geology or Biology I or Computer Programming (2 courses)	GEGN 101 (4) or CBEN 110 (4) and FREE 1XX (1) or CSCI 101 (3) and FREE 1XX (3)	4
PED 1XX or 2XX	Physical Education	PAGN 2XX (0.5), FREE 1XX (0.5)	1
		<b>Total</b>	<b>15</b>

Totals	Term	Running Totals
Toward Degree	11.5	11.5
Free Elective	3.5	3.5
Dead Credit	0	0

Semester 2 (Spring)			
CCCS Course Number	Course Name	CSM Equivalent	Total Hours
MAT 202	Calculus II	MATH 112 (4), FREE 1XX (1)	5
PHY 211	Physics I	PHGN 100 (4.5), FREE 1XX (0.5)	5
EGT 140*	Introduction to Design and Engineering Applications	EDNS 151 (3)	3
CSC 160	Computer Science I: (Language)	CSCI 261 (3), and FREE 1XX (1)	4
PED 1XX or 2XX	Physical Education	PAGN 2XX (0.5), FREE 1XX (0.5)	1
		<b>Total</b>	<b>18</b>

Totals	Term	Running Totals
Toward Degree	15	26.5
Free Elective	3	6.5*
Dead Credit	0	0

\*0.5 hours will be used towards CSM 101

\*Only at Red Rocks Community College. If not available, you may alternatively choose to complete a 200 level humanities course. List available upon request.

Please Contact the Registrar's Office for questions: [transfer@mines.edu](mailto:transfer@mines.edu)



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Semester 3 (Fall)			
CCCS Course Number	Course Name	CSM Equivalent	Total Hours
MAT 204* or MAT 203	Calculus III	MATH 213 (4), FREE 1XX (1) (If MAT 204 is taken)	5
CSC 161	Computer Science II	CSCI 262 (3), FREE 1XX (1)	4
HIS 247	World History	HASS 200 (3)	3
PHY 212	Physics II	PHGN 200 (4.5), FREE 1XX (0.5)	5
PED 1XX or 2XX	Physical Education	PAGN 2XX (0.5), FREE 1XX (0.5)	1
		<b>Total</b>	<b>18</b>
* MAT 204 is preferred			
<b>Transfer is HIGHLY Recommended at this point so that students can take MATH 201 in the spring term and MATH 310 over the summer at CSM</b>			

Totals	Term	Running Totals
Toward Degree	15	41.5
Free Elective	3	9.5*
Dead Credit	0	0
*0.5 hours will be used towards CSM 101		

Semester 4 (Spring)			
CCCS Course Number	Course Name	CSM Equivalent	Total Hours
MAT 261* or MAT 265	Differential Equations	MATH 225 (3), FREE 1XX (1) (If MAT 261 is taken)	4
ENG 131 or ENG 122**	Technical Writing or Composition II	HASS 100 (4), FREE 1XX (2)	3
PHI 218**	Environmental Ethics		3
ECO 201***	Principles of Microeconomics	EBGN 201 (3), FREE 1XX (3)	3
ECO 202***	Principles of Macroeconomics		3
PED 1XX or 2XX	Physical Education	PAGN 2XX (0.5), FREE 1XX (0.5)	1
		<b>Total</b>	<b>17</b>
* MAT 261 is preferred			
** Both PHI 218 and ENG 131 or ENG 122 need to be taken to receive credit for HASS 100			
*** Both ECO 201 and ECO 202 need to be taken to receive credit for EBGN 201			

Totals	Term	Running Totals
Toward Degree	10.5	52
Free Elective	3	12.5*
Dead Credit	3.5	3.5
*0.5 hours will be used towards CSM 101		