

**Transfer Guide for Colorado Community College Students Transferring to:  
Metropolitan State University of Denver – Bachelor of Science – Sustainable Systems Engineering**

<https://www.msudenver.edu/eaet/>

**College of Professional Studies | Advising Center**  
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**Transfer Recommendation:** We do **NOT** recommend completing an associate degree due to available courses at the Colorado community colleges that will apply to the bachelor's degree.

To complete your Associates degree, we recommend completing the Reverse Transfer Process with MSU Denver. Check <https://www.msudenver.edu/registrar/student/reversetransfer/> for more information.

**I. General Education Courses**

Please review suggested coursework for the Global Diversity and Multicultural requirements under section II, Recommended Courses, before choosing General Studies courses.

	Credit Hours	Community College Course Number and Title or CCCS gtPathways Category
Written Communication	6	ENG 121: English Composition <b>OR</b> ENG 131: Technical Writing <b>AND</b> ENG 122: English Composition II
Oral Communication	3	COM 115: Public Speaking
Mathematics	5	MAT 201: Calculus I
Arts & Humanities	6	Two CCCS gtPathways Arts & Humanities courses from two different areas ( <a href="#">GT-AH1</a> , <a href="#">GT-AH2</a> , <a href="#">GT-AH3</a> , or <a href="#">GT-AH4</a> )
Social & Behavioral Sciences	6	Two CCCS gtPathways Social & Behavioral Science courses from ( <a href="#">GT-SS1</a> , <a href="#">GT-SS2</a> or <a href="#">GT-SS3</a> )
History	3	One CCCS gtPathways History course ( <a href="#">GT-HI1</a> )
Natural & Physical Sciences	15	PHY 211: Physics: Calc-Based I w/Lab <b>AND</b> PHY 212: Physics: Calc-Based II w/Lab <b>AND</b> CHE 101: Intro to Chemistry I w/Lab
	44	<b>Total General Education Credits</b>

**II. Required Courses**

Credit Hours	Community College Course Number and Title
5	MAT 202: Calculus II
4	MAT 203: Calculus III
<b>9</b>	<b>Total Required Courses Credits</b>

### III. Recommended Courses

“Recommended Courses” means courses that students are strongly encouraged, but not required, to take for preparation in this major.

Credit Hours	Community College Course Number and Title
0	<p><b>Global Diversity:</b> Choose from among the following options. <b>Note to students:</b> This requirement is intended to be fulfilled by taking a single course that fits this category and one other category from your general education requirements including: Arts and Humanities, Historical, Natural and Physical Sciences, Social and Behavioral Sciences I, or Social and Behavioral Sciences II.</p> <p>ANT 111: Biological Anthropology with Lab (<a href="#">GT-SC1</a>)            ART 111: Art History Ancient to Medieval (<a href="#">GT-AH1</a>)            ART 112: Art History Renaissance to Modern (<a href="#">GT-AH1</a>)            GEO 105: World Regional Geography (<a href="#">GT-SS2</a>)            GEO 106: Human Geography (<a href="#">GT-SS2</a>)            HIS 101: Western Civilization: Antiquity-1650 (<a href="#">GT-HI1</a>)            HIS 102: Western Civilization: 1650-Present (<a href="#">GT-HI1</a>)            HIS 111: The World: Antiquity-1500 (<a href="#">GT-HI1</a>)            HIS 112: The World: 1500-Present (<a href="#">GT-HI1</a>)            HIS 205: Women in World History (<a href="#">GT-HI1</a>)            HIS 243: History of Modern China (<a href="#">GT-HI1</a>)            HIS 244: History of Latin America (<a href="#">GT-HI1</a>)            HIS 249: History of Islamic Civilization (<a href="#">GT-HI1</a>)            HIS 255: The Middle Ages (<a href="#">GT-HI1</a>)            HIS 259: Modern Middle East (<a href="#">GT-HI1</a>)            MUS 123: Survey of World Music (<a href="#">GT-AH1</a>)            POS 205: International Relations (<a href="#">GT-SS1</a>)</p>
0	<p><b>Multicultural:</b> Choose from among the following Options. <b>Note to students:</b> This requirement is intended to be fulfilled by taking a single course that fits this category and one other category from your general education requirements including: Arts and Humanities, Historical, Natural and Physical Sciences, Social and Behavioral Sciences I, or Social and Behavioral Sciences II.</p> <p>ANT 215: Native People of North America (<a href="#">GT-SS3</a>)            ETH 200: Introduction to Ethnic Studies (<a href="#">GT-SS3</a>)            HIS 208: American Indian History (<a href="#">GT-HI1</a>)            HIS 250: African American History (<a href="#">GT-HI1</a>)            LIT 205: Ethnic Literature (<a href="#">GT-AH2</a>)            LIT 259: Survey of African-American Literature (<a href="#">GT-AH2</a>)            MUS 125: History of Jazz (<a href="#">GT-AH1</a>)            SOC 218: Sociology of Diversity (<a href="#">GT-SS3</a>)</p>
53	<b>TOTAL CREDITS</b>

For additional information on CCHE transfer policies and gtPathways guaranteed transfer of general education credit, visit <http://higher.ed.colorado.gov/Academics/Transfers/Students.html>. To file a transfer-related complaint with the Colorado Department of Higher Education, visit <http://higher.ed.colorado.gov/Academics/Complaints/default.html>