

**CHOICES THAT COUNT (CTC) PATHWAY CERTIFICATE – ADVISING MATRIX**  
for the 30-credit Montana University System Transferable Core (“MUS Core”)

The Courses That Count (CTC) Pathway Certificate for the Montana University System Transferable Core guides students to take courses that simultaneously satisfy the course requirements within the six “MUS Core” categories and meet specific requirements in nearly 30 majors, thus helping prospective transfer students make choices that count as the appropriate general education foundation for their chosen major. Students who have completed the CTC Pathway Certificate are assured that all the credits taken from this pathway count for major-specific general education requirements at the receiving campus and that the certificate as a whole counts as the equivalent of completing the receiving campus’s own approved general education program (<http://mus.edu/transfer/genedbycampus.asp>). However, additional lower-division general education courses may be required in subsequent years of study to meet requirements in some majors.

**How To Use the CTC Pathway Advising Matrix:**

- The” MUS Core” categories and the number of courses required in each category to complete the “MUS Core” are listed in the first row.
- The “Course Choices That Count” for each category are listed in the **green row**.
- For each prospective major listed in the first column, if at least one campus offering that major requires a particular CTC course in a category, the specific CTC course or courses are listed. If no specific course or courses are listed in the cell, any combination of the **CTC courses in the category** will be accepted by all campuses offering the major.
- Highlighted courses in parentheses identify **approved exceptions** to the courses identified as “choices that count” toward the CTC Pathway Certificate.

<b>MUS TRANSFERABLE CORE CATEGORIES</b>	<b>Communication</b> (2 courses required)	<b>Mathematics</b> (1 course required)	<b>Natural Science</b> (2 courses required)	<b>Social Sciences/ History</b> (2 courses required)	<b>Humanities/ Fine Arts</b> (2 courses required)	<b>Cultural Diversity</b> (1 course required)
<b>Course Choices That Count Toward the CTC Pathway Certificate</b>	<b>WRIT 101</b> College Writing I (written) <b>and</b> <b>COMN 111</b> Public Speaking (oral) <b>or</b> <b>COMN 105</b> Interpersonal Communication (oral)	<b>M 121</b> College Algebra; <b>M 145</b> Math for Liberal Arts; <b>STAT 216</b> Intro to Statistics	<b>BIOB 160/161</b> Principles of Living Systems w/ Lab; <b>CHMY 121/122</b> Intro to Chemistry w/ Lab; <b>CHMY 141/142</b> College Chemistry w/ Lab	<b>PSYX 100</b> Intro to Psychology; <b>SOCI 101</b> Intro to Sociology; <b>ECNS 201</b> Principles of Microeconomics; <b>ECNS 202</b> Principles of Macroeconomics	<b>LIT 110</b> Intro to Literature; <b>MUSI 101</b> Enjoyment of Music; <b>PHL 101</b> Intro to Philosophy	<b>NASC 105</b> Intro Native American Studies <b>or</b> <b>NASC 232</b> MT Indian Cultures, Histories & Current Issues
<b>Prospective Major</b>						
Agriculture	WRIT 101, COMN 111	STAT 216	CHMY 121/122	ECNS 202		
Art	WRIT 101, COMN 111					
Biology	WRIT 101, COMN 111	STAT 216 or (M171)	CHMY141/142, BIOB 160/161			
Business Admin.	WRIT 101, COMN 111	STAT 216		ECNS 201, ECNS 202		
Chemistry	WRIT 101	(M 171)	CHMY141/142, BIOB 160/161			
Communication Studies	WRIT 101	STAT 216				(SOCI 236)
Computer Science	WRIT 101, COMN 111	(M 171)				
Criminal Justice	WRIT 101	STAT 216		SOCI 101		(SOCI 236)
Elementary Education	WRIT 101, COMN 111	<b>Math is a problem ...</b>	BIOB 160/161	PSYX 100, (HSTA 101) or (HSTA 102)	LIT 110, MUSI 101	

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<b>Course Choices That Count Toward the CTC Pathway Certificate</b>	<b>WRIT 101</b> College Writing I (written) <b>and</b> <b>COMN 111</b> Public Speaking (oral) <b>or</b> <b>COMN 105</b> Interpersonal Communication (oral)	<b>M 121</b> College Algebra; <b>M 145</b> Math for Liberal Arts; <b>STAT 216</b> Intro to Statistics	<b>BIOB 160/161</b> Principles of Living Systems w/ Lab; <b>CHMY 121/122</b> Intro to Chemistry w/ Lab; <b>CHMY 141/142</b> College Chemistry w/ Lab	<b>PSYX 100</b> Intro to Psychology; <b>SOCI 101</b> Intro to Sociology; <b>ECNS 201</b> Principles of Microeconomics; <b>ECNS 202</b> Principles of Macroeconomics	<b>LIT 110</b> Intro to Literature; <b>MUSI 101</b> Enjoyment of Music; <b>PHL 101</b> Intro to Philosophy	<b>NASC 105</b> Intro Native American Studies <b>or</b> <b>NASC 232</b> MT Indian Cultures, Histories & Current Issues
<b>Prospective Major</b>						
Engineering	WRIT 101, COMN 111	(M 171)	CHMY141/142, BIOB 160/161	ECNS 202		
English	WRIT 101				LIT 110	
Environmental Science	WRIT 101	(M 171)	CHMY141/142, BIOB 160/161			
Forestry	WRIT 101, COMN 111	M 121 <b>or</b> STAT 216 (depending on option)	CHMY 121/122	ECNS 201		
Geography	WRIT 101	STAT 216	CHMY141/142, CHMY121/122	SOCI 101, ECNS 202		(GPHY 141)
Geology	WRIT 101	(M 171)	(CHMY141/142), BIOB 160/161			
Health & HP	WRIT 101, COMN 111	STAT 216	CHMY 121/122 (note one option requires 141/142), BIOB 160/161	PSYX 100, SOCI 101		
History	WRIT 101, COMN 111			(HSTA 101) and (HSTA 102)		
Journalism	WRIT 101			ECNS 201 <b>or</b> 202, (HSTA 101 <b>or</b> 102)		
Liberal Studies	WRIT 101					
Mathematics	WRIT 101, COMN 111	(M 171)	(PHSX 220/221)			
Nursing	WRIT 101, COMN 111	STAT 216	BIOB 161/162, CHMY 121, 122	PSYX 100, SOCI 100		
Nursing	<i>Not a good option for CTC – 4-5 science courses required, only one of which is on CTC list</i>					
Pre-Pharmacy	WRIT 101	STAT 216 (M 171)	CHMY 141/142, BIOB 161/162	PSYX 100 <b>or</b> SOCI 101 <b>and</b> ECNS 201 <b>or</b> 202		
Philosophy	WRIT 101				PHIL 101	
Political Science	WRIT 101					
Pre-Physical Therapy	WRIT 101, COMN 111	STAT 216	CHMY 121/122, BIOB 161/162	PSYX 100		
Psychology	WRIT 101	STAT 216		PSYX 100		
Social Work	WRIT 101, COMN 105		BIOB 160/161	PSYX 100, SOCI 101		(SOCI 236)
Sociology	WRIT 101	STAT 216		SOCI 101		