

Mathematics Transfer Model Curriculum
CCC Major or Area of Emphasis: Mathematics
CSU Major or Majors: Mathematics
Total units: 18-23 (all units are semester units)

Rev. 5/23/2011
 Template #2001

In the four columns on the right, enter the course identifier, course title and number of units of a course that is comparable to the course indicated for the TMC (in the far left column). If the course may be double-counted, put an X in the GE column.

The units indicated in the TMC are semester units – and they are minimum units. All courses must be CSU transferable. Where there is an indicated C-ID descriptor, you are certifying that your course is comparable. Where no reference descriptor is indicated, discipline faculty should compare the existing course to the sample course description(s) provided in the TMC at <http://www.c-id.net/degreeeview.html> and attach the appropriate report from ASSIST showing the required transferability status (i.e., CSU transferable, general education, or major preparation at CSU).

Mathematics Transfer Model Curriculum		Associate in Science degree in Mathematics for Transfer College Name: Chaffey College Program Requirements			
Course Title (units)	C-ID (or TCSU) Designation	Course ID	Course Title	Units	GE
Required Core: 12-15 units from one of the following options:					
Option 1 (all of the following):					
Calculus I (4-5)	Math 210 or 211	MATH65A	Calculus I	4	<input checked="" type="checkbox"/>
Calculus II (4-5)	Math 220 or 221	MATH65B	Calculus II	4	<input type="checkbox"/>
Calculus III (4-5)	Math 230	MATH75	Calculus III	5	<input type="checkbox"/>
or Option 2 (all of the following):					
Single Variable Calculus Sequence (2 semester/3 quarters for ≥8 units)	Math 900				<input type="checkbox"/>
Calculus III (4-5)	Math 230				<input type="checkbox"/>
or Option 3:					
Single Variable and Multivariable Calculus Sequence (3 semester/4 quarters for ≥12 units)					<input type="checkbox"/>
List A: One course from the following:					
Differential Equations (3-4)	Math 240	MATH85	Differential Equations	4	<input type="checkbox"/>
Linear Algebra (3-4)	Math 250	MATH81	Linear Algebra	4	<input checked="" type="checkbox"/>
Introduction to Differential Equations and Linear Algebra (minimum of 5)					<input type="checkbox"/>
List B: One course from the following:					
Differential Equations or Linear Algebra if not used above. (3-5)	Math 240 or Math 250	MATH85 or MATH81	Differential Equations	4	<input type="checkbox"/>
			Linear Algebra	4	<input type="checkbox"/>
Discrete Math (algebra based) (3)					<input type="checkbox"/>
Physics (articulated as preparation for the physics major at a CSU) (4)	Physics 205	PHYS45	Physics for Scientists and Engineers I	5	<input checked="" type="checkbox"/>
Mathematical Computing Systems (1)					<input type="checkbox"/>
Any computer programming course that has articulation as major preparation for the math major at a CSU. (3)		CS21	Fundamentals of C++ Programming	3	<input type="checkbox"/>
		ENGIN30	Engineering Application of Digital Computation	3	<input type="checkbox"/>
		CISPROG 1	Introduction to Computer Programming	3	<input type="checkbox"/>
Proof (3)					<input type="checkbox"/>
Statistics (3)	Stat 120 (TCSU)	STAT10	Elementary Statistics	4	<input checked="" type="checkbox"/>
Total Units for the Major:	18 - 23		Total Units for the Major:	20-26	

ⁱ If a C-ID descriptor has been finalized, it may be entered in this column. http://www.c-id.net/descriptors/view_final

		Total Units that may be double-counted:	17
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Note: When selecting 4-5 unit courses for the Associate in Science in Mathematics for Transfer, keep in mind that you may not require more than 60 units for the entire degree.