

**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. 8/7/2012  
 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/degreeereview.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: Riverside City College Program Requirements			
Course Title (units)	C-ID (or TCSU) Designation	Course ID	Course Title	Units	GE
<b>Required Core:</b> 12-15 units from one of the following options:					
Option 1 (all of the following):					
Calculus I (4-5)	Math 210 or 211	MAT-1A	Calculus I	4.0	<input checked="" type="checkbox"/>
Calculus II (4-5)	Math 220 or 221	MAT-1B	Calculus II	4.0	<input checked="" type="checkbox"/>
Calculus III (4-5)	Math 230	MAT-1C	Calculus III	4.0	<input checked="" 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"/>
<b>List A:</b> One course from the following:					
Differential Equations (3-4)	Math 240	MAT-2	Differential Equations	4.0	<input checked="" type="checkbox"/>
Linear Algebra (3-4)	Math 250				<input type="checkbox"/>
Introduction to Differential Equations and Linear Algebra (minimum of 5)					<input type="checkbox"/>
<b>List B:</b> One course from the following:					
Differential Equations or Linear Algebra if not used above. (3-5)	Math 240 or Math 250	MAT-3	Linear Algebra	3.0	<input checked="" type="checkbox"/>
Discrete Math (algebra based) (3)					<input type="checkbox"/>
Physics (articulated as preparation for the physics major at a CSU) (4)	Physics 205	PHY-4A	Mechanics or	4.0	<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)		CSE-5	Fundamentals of Programming Logic Using C++	3.0	<input type="checkbox"/>
Proof (3)					<input type="checkbox"/>
Statistics (3)	Stat 120 (TCSU)				<input type="checkbox"/>
<b>Total Units for the Major:</b>	<b>18 - 23</b>		<b>Total Units for the Major:</b>	19-20	
<b>Total Units that may be double-counted:</b>					23

**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.

<sup>i</sup> If a C-ID descriptor has been finalized, it may be entered in this column. [http://www.c-id.net/descriptors/view\\_final](http://www.c-id.net/descriptors/view_final)