

UCS Mathematics Pathways					
7	8	9	10	11	12
Algebra I	Accelerated Geometry	Accelerated Algebra II	Accelerated Precalculus or Foundations of Calculus	AP Calculus AB or AP Calculus BC	Dual Enrollment
					AP Calculus BC
					AP Computer Science
					AP Statistics
					Senior Math Experience
Advanced Math 7	Algebra I	Accelerated Geometry	Accelerated Algebra II	Accelerated Precalculus or Foundations of Calculus or Precalculus	AP Calculus AB
					AP Computer Science
					AP Statistics
					Senior Math Experience
Math 7	Math 8	Geometry	Algebra I	Accelerated Algebra II	Accelerated Precalculus
					Precalculus
					AP Computer Science
					AP Statistics
					Senior Math Experience
Math 7	Math 8	Geometry	Algebra I	Algebra II (64 HSCEs)	Accelerated Precalculus
					Precalculus
					AP Computer Science
					AP Statistics
					Senior Math Experience
				Algebra II Extended 45 HSCEs (Teacher Recommendation Required)	1 semester: ½ credit Probability & Statistics Course PLUS
					1 semester: ½ credit Senior Math Experience (See list of specific courses that meet the criteria.)
					CTE Course that contains the Probability & Statistics HSCEs (See list of specific courses that meet the criteria.)

1) Beginning with the class of 2011, Utica Community Schools graduation requirements will follow the State of Michigan mandates which include 3 credits of mathematics in grades 9 – 12, including Geometry, Algebra I, and Algebra II.

2) Beginning with the class of 2011, all students must successfully complete 1 credit in a math course or in a math related course during their senior year. See a list of courses that meet the criteria of a Senior Math Experience.

3) Beginning with the class of 2011, students who complete any of the 3 required math courses prior to grades 9 – 12 must still earn 3 math credits in grades 9 – 12, and must successfully complete 1 credit in a math course or in a math related course during their senior year. See a list of courses that meet the criteria of a Senior Math Experience.

4) If a student takes Algebra Extended, there are an additional 19 HSCEs that must be covered in the Senior Math Experience in order to meet the State of Michigan graduation requirements. See a list of courses that meet the criteria.

5) Senior Math Experience: An approved course in the Mathematics, CTE, computer science, or another department. See a list of courses that meet the criteria.