

UCS Mathematics Pathways					
7	8	9	10	11	12
Algebra I	Accelerated Geometry	Accelerated Algebra II	Foundations of Calculus or Accelerated Precalculus or Precalculus	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 <b>PLUS</b> 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. More information can be obtained from your child's school counselor.
- 4) Beginning in the 22-23 school year, students who take a high school course prior to grade 9 will receive a letter grade. Refer to the [UCS Michigan Merit Curriculum Requirements](#) document for additional information.
- 5) 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. More information can be obtained from your child's school counselor.
- 6) Senior Math Experience: An approved course in the Mathematics, CTE, computer science, or another department. More information can be obtained from your child's school counselor.