

| 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 A |
| | | | | | AP Statistics |
| | | | | | Senior Math Experience |
| Advanced Math 7 | Algebra I | Accelerated Geometry | Accelerated Algebra II | Foundations of Calculus or Accelerated Precalculus or Precalculus | AP Calculus AB |
| | | | | | AP Computer Science A |
| | | | | | AP Statistics |
| | | | | | Senior Math Experience |
| Math 7 | Math 8 | Geometry | Algebra I | Accelerated Algebra II or Algebra II | Foundations of Calculus |
| | | | | | Accelerated Precalculus |
| | | | | | Precalculus |
| | | | | | AP Computer Science A |
| | | | | | AP Statistics |
| | | | | Senior Math Experience | |
| | | | | Algebra II Extended | 1 semester: ½ credit Probability & Statistics PLUS 1 semester: ½ credit Senior Math Experience |
| | | | | | Marketing II |

- 1) 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) 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) For the class of 2022 and beyond, 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) For the class of 2023 thru 2026, students who received credit (CR) for a high school course taken in grade 7 and/or grade 8, may choose to keep the CR or change the CR to the earned letter grade. Refer to the [UCS Graduation Requirements](#) document for additional information.
- 5) Beginning with the class of 2027, students who take a high school course prior to grade 9 will receive a letter grade. Refer to the [UCS Graduation Requirements](#) document for additional information.
- 6) If a student takes Algebra Extended, there are additional mathematics standards 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.
- 7) Senior Math Experience: An approved course in the Mathematics, CTE, computer science, or another department. Refer to the [UCS Secondary Curriculum Guide](#) webpage for additional information.