### CONCURRENT ENROLLMENT - DSU Quantitative Literacy (QL) Math Pathways

This chart is designed for students who have not yet narrowed down a specific major or institution. Students who have narrowed their focus to a specific major, should contact an advisor at the institution they are planning to attend to find out which math classes are recommended for that major. Failure to do so could result in the student accumulating credits that do not count toward their degree.

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<td>General Studies, Humanities, Arts &amp; Communication</td>
<td>Science, Technology, Engineering &amp; Math (STEM)</td>
<td>Social &amp; Health Sciences</td>
<td>Business</td>
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<tr>
<td>CE Math Prerequisite</td>
<td>MATH 1030 (QL)</td>
<td>MATH 1040 (QL)</td>
<td>MATH 1050 (QL)</td>
<td>MATH 1010</td>
<td>MATH 1050</td>
<td>MATH 1210</td>
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**Course**

- **MATH 1030 (QL)**
  - Focuses on development of problem solving skills through the application of mathematical concepts to real-life problems.

- **MATH 1040 (QL)**
  - Introduction to basic concepts and methods used in statistical data analysis, includes descriptive statistics, sampling, and inferential methods.

- **MATH 1050 (QL)**
  - "C" grade or better in Secondary Math I, II, & III* or required ACT or Accuplacer score.
  - Reviews fundamental algebra and functions including polynomial, rational, exponential, logarithmic, trigonometric, and inverse.
  - Students may place directly into Math 1050 with a "C" grade or better in Secondary Math I, II, and III and required ACT or Accuplacer score.

- **MATH 1010**
  - "C" grade or better in Secondary Math I, II, & III* or required ACT or Accuplacer score.
  - Focuses on development of problem solving skills through the application of mathematical concepts to real-life problems.

- **MATH 1080 (QL)**
  - "C" grade or better in Secondary Math I, II, & III* or required ACT or Accuplacer score.
  - Provides in-depth review of college algebra and trigonometry before entering trig-based calculus.

- **MATH 1050 (QL)**
  - "C" grade or better in Secondary Math I, II, & III* or required ACT or Accuplacer score.
  - Reviews fundamental algebra and functions including polynomial, rational, exponential, logarithmic, trigonometric, and inverse.

- **MATH 1210 (QL)**
  - "C" grade or better in Secondary Math I, II, & III* or required ACT or Accuplacer score.
  - Students will gain a basic understanding of calculus, including limits and continuity, differentiation, integration, and derivatives.

### Notes

- **Students who have opted out of Secondary Math III do not qualify to participate in concurrent enrollment math.**

- The only Accuplacer Placement Test offered at DSU is Elementary Algebra (EA). Other institutions may require another platform or offer other Accuplacer exams.

- For more information regarding these courses and CE prerequisite requirements visit concurrent.dixie.edu/more-information/ and click on the "Course Descriptions" link.

- Chart Updated 09/2017