

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.

Holland Code	REALISTIC: Doers - See Counselor				
	ARTISTIC: Creators	ENTERPRISING: Persuaders SOCIAL: Helpers	CONVENTIONAL: Organizers INVESTIGATIVE: Thinkers		
Program	General Studies, Humanities, Arts & Communication	Social & Health Sciences	Science, Technology, Engineering & Math (STEM)	Business	
CE Math Prerequisite	"C" grade or better in Secondary Math I, II, & III*	"C" grade or better in Secondary Math I, II, & III*	"C" grade or better in Secondary Math I, II, & III*	"C" grade or better in Secondary Math I, II, & III Honors*	"C" grade or better in Secondary Math I, II, & III*
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 1010 "C" grade or better Concepts include the properties of the real number system, sets, functions, graphs, linear and quadratic equations, and systems of equations. -or- 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 1050 (QL) "C" grade or better ACT: Math 23 ACCUPLACER: EA 89 Reviews fundamental algebra and functions including polynomial, rational, exponential, logarithmic, trigonometric, and inverse. -or- Students may place directly into Math 1080 with a "C" grade or better in Secondary Math I, II, and III Honors AND required ACT or Accuplacer score	MATH 1010 "C" grade or better Concepts include the properties of the real number system, sets, functions, graphs, linear and quadratic equations, and systems of equations. -or- 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

*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

MATH 1050 (QL) "C" grade or better ACT: Math 23 ACCUPLACER: EA 89 Reviews fundamental algebra and functions including polynomial, rational, exponential, logarithmic, trigonometric, and inverse.	MATH 1080 (QL) "C" grade or better ACT: Math 25 ACCUPLACER: EA 95 Provides in-depth review of college algebra and trigonometry before entering trig-based calculus.	MATH 1050 (QL) "C" grade or better ACT: Math 23 ACCUPLACER: EA 89 Reviews fundamental algebra and functions including polynomial, rational, exponential, logarithmic, trigonometric, and inverse.
MATH 1060 (QL) "C" grade or better ACT: Math 25 ACCUPLACER: EA 95 Utilizes unit circle and right triangle definitions, graphs of trig functions, solving trig equations, and verifying trig identities.	MATH 1210 (QL) "C" grade or better ACT: Math 26 ACCUPLACER: EA 105 Students will gain a basic understanding of calculus, including limits and continuity, differentiation, integration, and derivatives.	MATH 1100 (QL) "C" grade or better ACT: Math 25 ACCUPLACER: EA 95 Emphasizes functions, modeling, differentiation, exponential and logarithmic functions, integration, and functions of several variables.
MATH 1210 (QL) "C" grade or better ACT: Math 26 ACCUPLACER: EA 105 Students will gain a basic understanding of calculus, including limits and continuity, differentiation, integration, and derivatives.		

