

2023-2024 Essential Learning Math Pathways – By Program[^]

updated 3/30/2023

Quantitative Reasoning Track - MATH 110

Art and Theater/Dance Programs
 Art History (BA)
 Art: K-12 Education (BA)
 Studio Art (BA)
 Art: Studio Art (BFA)
 Dance (BFA)
 Graphic Design: Visual Design (BFA)
 Animtn, Film, Photo & Mot Dsn (BFA)
 Theatre Arts: Design/Tech (BFA, BA)
 Theatre Arts: Acting/Directing (BFA)
 Theatre Arts (General) (BA)
 Theatre Arts: Music Theatre (BFA)

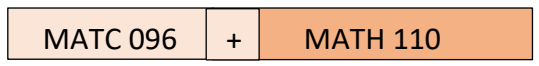
SBS Programs
 Criminal Justice (BA)
 Criminal Justice (AAS)
 Criminal Justice - POST Academy (BAS)
 History: Secondary Education (BA)
 History (BA)
 Political Science (BA)
 Psychology: Counseling Psych (BA)
 Applied Anthropology and Geog (BA)
 Psychology (BA)
 Social Work (BA)
 Sociology (BA)
 Liberal Arts: Social Science (AA)

Music Programs
 Music Perf - Vocal Perf (BM)
 Music: Liberal Arts (BA)
 Music Education K-12 (BME)
 Music: Commercial Music (BA)
 Music with Elec Studies in Bus (BM)
 Music Perf - Instrumental Perf (BM)
 Music Perf - Keyboard Perf (BM)

Health Sci and Kinesiology Programs
 Nursing: RN to BSN (BSN)
 Nursing: LPN to BSN (BSN)
 Nursing (AAS)
 Practical Nursing (TCT)
 Radiologic Sciences (BAS)
 Kinesiology: Adapted Phys Educ (BA)
 Kinesiology: K-12 Education (BA)

LLMC and General Programs
 English: Secondary Education (BA)
 English (BA)
 English: Literature (BA)
 English: Writing (BA)
 Mass Comm: Med Strat and App (BA)
 Spanish: Hispanic Studies (BA)
 Spanish: Secondary Education (BA)
 Interdisciplinary Studies (BAS)
 Liberal Arts: General Studies (BA)
 Liberal Arts: Humanities (AA)
 Liberal Arts: University Studies (AA)

WCCC Programs
 Digital Filmakg: Prod Design (AAS)
 Digital Filmakg: Writing/Direct (AAS)
 Liberal Arts: Early Chldd Educ (AA)**
 Information and Comm Tech (AAS)
 Agriculture Science (AS)
 Wildland Fire Mngt (MATH 108 req)
 Emerg Med Tech - Paramedic (AAS)
 (MATH 107 req)



Elem Ed Track - MATH 205

Courses

Liberal Arts, Elem Educ: English	MATH 105
Liberal Arts, Elem Educ: Mathematics	
Liberal Arts, Elem Educ: Social Sci	
Early Chd Educ: Early Chldhd Spcl Educ	
MATH 205	

Algebra Track - MATH 113

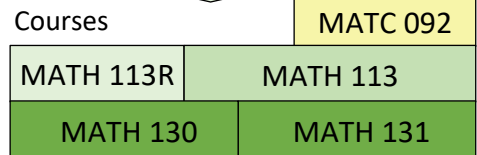
Business Programs
 Business Administration (BBA) with a concentration in:
 Entrepreneurship, Business Analytics,
 Business Economics, Energy Mngt/Landman,
 Finance, Hospitality Management,
 Human Resource Management,
 International Business, Management, Marketing
 Accounting: General Accounting (BS)
 Accounting: Public Accounting (BS)
 Business Administration (BAS)
 Hospitality Management (BAS)
 Computer Information Systems (BS and BAS)
 Liberal Arts: Business Administration (AA)
 Liberal Arts: Business Computer Inform Sys (AA)

Health Sciences Programs
 Surgical Technology (AAS)
 Medical Laboratory Technician (AAS)
 Nursing (BSN)
 Radiologic Sciences (BSRS)

Kinesiology Programs
 Fitness and Health Promotion (BS)
 Exercise Science (BS)
 Sport Management (BS)
 Outdoor Recreation Industry Studies (BS)
 Liberal Arts: Sport Management (AS)

STEM Programs (Bio, PES, Engr)
 Biological Sciences: Biology (BS)
 Biological Sciences: Ecology, Evolution and Organ Bio (BS)**
 Biological Sciences: Secondary Education (BS)
 Geosciences: Secondary Education
 Environmental Science and Technology (BS)**
 Construction Management (BS)
 Liberal Arts: Geology (AS)**
 Liberal Arts: Biology (AS)
 Liberal Arts: Computer Science (AS)**

WCCC
 Land Surveying and Geomatics (TCT)**
 Wildland Fire Management (AAS) (optional, MATH 108 req)
 Fire Science Technology (AAS)



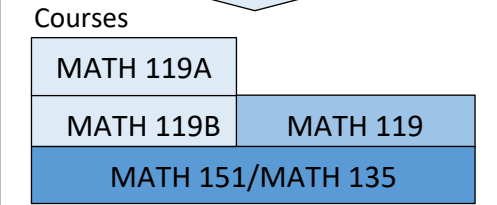
Calculus Track - MATH 151/135

Engineering Programs
 Computer Science (BS)
 Mechanical Engineering Technology (BS)
 Mechanical Engineering Technology (AS)
 Pre-Engineering (All CU partnership programs)

Math and PES Programs
 Chemistry (BS)
 Chemistry: Biochemistry (BS)
 Geosciences: Environmental Geology (BS)
 Geosciences: Geology (BS)
 Mathematics (BS)
 Mathematics: Actuarial Science (BS)
 Mathematics: Applied Mathematics (BS)
 Mathematics: Secondary Education (BS)
 Mathematics: Statistics (BS)
 Physics (BS)
 Liberal Arts: Physics (AS)
 Liberal Arts: Mathematics (AS)

Biology Programs
 Biological Sciences: Cell, Molecular, Dev (BS)

Other Programs with MATH 151 as an option or elective
 Biol Sci: Ecology, Evolution and Organ Bio (BS)
 Environmental Science and Technology (BS)
 Land Surveying and Geomatics (TCT)
 Liberal Arts: Computer Science (rec elective)
 Liberal Arts, Elementary Educ: Math (BA)



[^] Be sure to verify the required Essential Learning course with DegreeWorks or the relevant program sheet for your major.

** Continuing to the 4-year degree or choosing certain program elective options may require a different pathway/mathematics course.