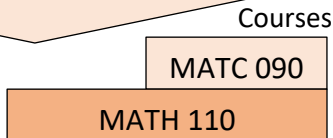


2022-2023 Essential Learning Math Pathways – By Program[^]

Quantitative Reasoning Track - MATH 110

<p>Art and Theater/Dance Programs</p> <ul style="list-style-type: none"> 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) <p>Music Programs</p> <ul style="list-style-type: none"> 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) <p>LLMC and General Programs</p> <ul style="list-style-type: none"> 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) 	<p>SBS Programs</p> <ul style="list-style-type: none"> 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) <p>Health Sci and Kinesiology Programs</p> <ul style="list-style-type: none"> 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) <p>WCCC Programs</p> <ul style="list-style-type: none"> Digital Filmakg: Prod Design (AAS) Digital Filmakg: Writing/Direct (AAS) Liberal Arts: Early Childd Educ (AA)** Information and Comm Tech (AAS) Agriculture Science (AS) Wildland Fire Mngt (MATH 108 req) Emerg Med Tech - Paramedic (AAS) (MATH 107 req)
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Elem Ed Track - MATH 205

<ul style="list-style-type: none"> Liberal Arts, Elem Educ: English Liberal Arts, Elem Educ: Mathematics Liberal Arts, Elem Educ: Social Sci Early Chd Educ: Early Chldhd Spcl Educ 	<p>Courses</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">MATH 105</td> </tr> <tr> <td style="padding: 5px;">MATH 205</td> </tr> </table>	MATH 105	MATH 205
MATH 105			
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

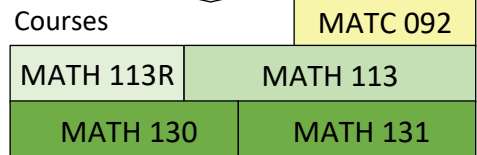
- Fitness and Health Promotion (BS)
- Exercise Science (BS)
- Sport Management (BS)
- Outdoor Recreation Industry Studies (BS)
- Liberal Arts: Sport Management (AS)

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

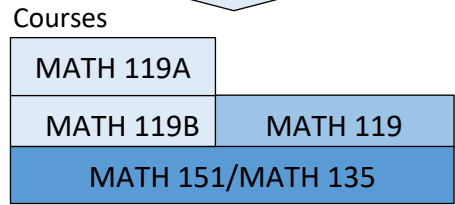
- Chemistry (BS)
- Chemistry: Biochemistry (BS)
- Geosciences: Environmental Geology (BS)
- Geosciences: Geology (BS)
- Mathematics (BS)
- Mathematics: Actuarial Science (BS)
- Mathematics: Applied Mathematics (BS)
- Mathematics: Secondary Education (BS)
- Mathematics: Statistics (BS)
- Physics (BS)
- 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.