

**Degree Requirements: Mathematics (150)–Bachelor of Arts**

School of Arts and Sciences

Department of Computing Mathematical Sciences

Catalog Year: 2024-2025

<b>General Education Requirements (44-46 hours)</b>		
<b>Communication (9 hours)</b>	<b>American History (3 hours)</b>	<b>Behavioral Science (3 hours)</b>
ENGL 1113; ENGL 1213; COMM 1113	HIST 1483 or 1493	FAMS 1123, PSY 1113, SOCI 1113
<b>Mathematics (3-5 hours)</b>	<b>Political Science (3 hours)</b>	<b>Economics (3 hours)</b>
MATH 1513, 1613, 2215, 2713	PS 1113	AGRC 2013, ECON 2003, ECON 2013, GEOG 3023
<b>Science* (8-9 hours)</b>	<b>Humanities* (6 hours)</b>	<b>Health and Wellness* (4 hours)</b>
Biological Science (4 hours) Physical Science (4-5 hours) *One course must be a lab science.	Diversity (3 hours) Aesthetics (3 hours) *One course taken from each category.	SES 2003, 2013, 2023, MSL 1112, PE 1--1, 2--1, 2--2 *Requirement waived for some students.
<b>General Education Non-PE Electives (To total at least 44 hours, if needed)*.</b>		
Gen ed electives must be selected from the list of approved <a href="#">general education</a> courses, (MSL- and PE-prefixes excluded).		
<b>University Requirements</b>		
UNIV 1001 (1 hour)	Computer Literacy (MATH 3003)	Capstone Experience (MATH 4782 & 4792)
<b>Major Requirements (42 hours)</b>		
<b>Required Core Courses (33 hours)</b>	<b>Required Tech Courses (3 hours)</b>	<b>Electives (6 hours)</b>
MATH 2215 Calc/Anlyt Geom I (FA, SP) MATH 2235 Calc/Anlyt Geom II (FA, SP) MATH 2244 Calc/Anlytc Geom III (FA) MATH 2613 Found of Mathematics (FA) MATH 3013 Intro Linear Alg (Odd FA) MATH 3213 Abstract Algebra (Even SP) MATH 3253 Differential Equations (SP) MATH 4483 Intro Real Analysis (Odd SP) MATH 4782 Math Capstone I (FA) MATH 4792 Math Capstone II (SP) <i>FA=Fall; SP=Spring; SU=Summer</i>	MATH 3003 Tech for Adv Math	MATH 3333 College Geometry MATH 3343 Numerical Analysis MATH 3413 Discrete Math Structures MATH 4113 Intro Operations Research MATH 4423 Number Theory MATH 4471-3 Seminar in Mathematics MATH 4491-3 Indep Study in Math STAT 3113 Mathematical Statistics I STAT 3123 Mathematical Statistics II
<b>Minor Requirements (18 hours)</b>		
A <a href="#">full list of available minors</a> is available on the CU website.		
<b>General Electives (To Complete 124 hours)</b>		
<b>Graduation Requirements</b>		
Department Requirements Minimum 124 Total Credit Hours Minimum 40 Upper Division Credit Hours Minimum 80 Liberal Arts & Science Credit Hours Minimum 30 Credit Hours in Residence at CU	Minimum 60 Credit Hours at a 4-Year Institution Minimum ½ of Major Upper Division Hours Completed at CU 15 of last 30 Credit Hours or ½ of Major Completed at CU Retention GPA 2.0; Cameron GPA 2.0 Complete Graduation Application Online	