

Bachelor of Science in Mathematics

COURSE	MATH credits	Other credits
Take ONE of the following programming courses: MATH 1376: Programming for Data Science <i>or</i> CSCI 1410 and CSCI 141: Introduction to programming	3	4
MATH 1401 – Calculus I	4	
MATH 2411 – Calculus II	4	
MATH 2421 – Calculus III	4	
MATH 3000 – Introduction to Abstract Math	3	
MATH 3191 – Applied Linear Algebra	3	
MATH 3382 – Statistical Theory	3	
MATH 4310 – Introduction to Real Analysis I	3	
MATH 4779 – Math Clinic [†]	3	
15 Additional Credits (typically 5 courses) above 3000 excluding MATH 3195, 3511, 3800, 3999, and 4830.	15	

[†] MATH 6330^{*} Workshop in Statistical Consulting can be substituted for MATH 4779 for the general BS in Mathematics

*Note, courses above MATH 5000 require consent of the instructor.

1. A C- or better is needed in each class towards your major and your grade point average must be at least 2.25 in these MATH classes.
2. The semester your graduate, you must:
 - a. Complete the MFAT Exam and participate in an exit interview.
 - b. Complete a senior survey.
 - c. These requirements will be scheduled through the department Director of Undergraduate Programs.
3. You must satisfy the requirements of the College of Liberal Arts and Sciences (CLAS). Contact the CLAS advising office (303-315-7100) for details.
4. There are several residency credits that must be satisfied to graduate as a Mathematics major at CU Denver. Graduating students must:
 - a. Take at least 15 upper division (3000 or above) MATH credits (5 classes) at CU Denver.
 - b. Take a minimum of 30 hours of resident credit (letter grades received at CU Denver).
 - c. 21 out of the last 30 hours must be taken in CU Denver CLAS courses.
 - d. For the most current CLAS residency requirements, please visit <https://clas.ucdenver.edu/advising/>.
5. Students with at least a 3.5 upper-division major grade point average and at least 3.2 overall grade point average may qualify for honors and should contact a departmental advisor (math.advising@ucdenver.edu) for more details.