University of Colorado Denver
Department of Mathematical and Statistical Sciences

1201 Larimer Street, Suite 4000
Office: 303-315-1700

Bachelor of Science in Mathematics Statistics Option (from Fall 17)

COURSE	MATH credits	Other credits
CSCI 1410, 1411 Introduction to programming (C++)		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 (may be substituted by MATH 4820)	3	
MATH 4310 – Introduction to Real Analysis I	3	
MATH 4779 – Math Clinic *or* MATH 6330*-Workshop in Statistical Consulting	3	
MATH 4810 – Probability	3	
MATH 4387 – Regression Analysis	3	
One Upper Division Probability or Statistics Course: MATH 4390 – Game Theory, MATH 4394 – Experimental Designs, MATH 4792 -- Probabilistic Modeling, ECON 4030 – Data Analysis with SAS, MATH 5350* – Mathematical Theory of Interest	3	
6 additional Credits (typically two courses) above 3000 excluding 3040, 3511, 3800, 3999, 4012, 4013, 4014, 4015, 4830.	6	
9 additional credits (typically 3 courses) countable towards a major in one of the following subjects: Business, Biology, Economics, Health and Behavioral Sciences, Sociology. Other areas allowable on a case-by-case basis.		9

*Note, courses above MATH5000 require consent of the instructor

1. A C- or better is needed in each class counted towards your major and your grade point average must be at least 2.25 in these MATH classes. You must take at least 15 upper division (3000 or above) MATH credits (5 classes) at CU Denver.
2. The semester you graduate, you must:
   - Complete the MFAT Exam and participate in an exit interview. These requirements will be scheduled through the department Administrative Assistant (303-315-1702).
   - Complete a senior survey.

3. You must satisfy the requirements of the College of Liberal Arts and Sciences (CLAS). Contact CLAS advising office (303-556-2555) for details.
4. To graduate as a Mathematics major, must have a minimum of 30 hours of resident credit (letter grades received at CU Denver). Furthermore, 21 out of the last 30 hours must be taken in CU Denver CLAS courses. Finally, at least 15 upper-division mathematics credits must be taken at CU Denver. For the most current CLAS residency requirements, please visit: http://www.ucdenver.edu/academics/colleges/CLAS/clas-advising

Students with at least a 3.5 major grade point average, at least 3.2 overall grade point average, and who have done an honors project are eligible to graduate with honors. See an advisor (or the honors advising sheet) for details.