

TRANSFER GUIDE
B.A./B.S. in Mathematics
Metropolitan State College of Denver

Section I: Degree/Program Requirements

A. Institutional graduation requirements for this degree program.

The graduation requirements for a transfer student pursuing this major will be no different than the graduation requirements for a native student, including the minimum number of semester hours required for graduation. Specifically, the student must meet the following requirements:

- Successfully complete at least 120 credit hours;
- Successfully complete the required 42 credit hours in the major;
- Successfully complete the required 26 upper-division credits in the major;
- Successfully complete a minor of at least 18 credit hours (some courses in the minor may be taken at the community college); and
- Successfully complete at least 40 upper-division credit hours.

B. Required courses in Major, including pre-requisites and required Support courses in the chart below:

COMMUNITY COLLEGE REQUIRED COURSES: Required courses to be taken as part of AA/AS degree to guarantee the completion a baccalaureate degree in 60 additional credits after transfer. List required courses here.
 MAT 201-5 Calculus I
 MAT 202-5 Calculus II
Because mathematics courses are sequenced, students will not be able to graduate in a timely manner if they delay taking Calculus I and II.

*Please note: This guide is for the **General Concentration**. Students should consult MSCD's catalog if they are interested in other concentrations. The courses required above will be needed for all concentrations.*

Degree Program Requirements				General Concentration		
	Course Number	Course Name	Credit Hours	CC Course Number	CC Course Name (recommend these courses be taken while at CC)	CC Credit Hours
Required Major Courses (list)						
	MTH 2420	Calculus III	4	MAT 203	Calculus III	4
	MTH 3100	Introduction to Mathematical Proofs	3			

	CSI 1050 OR CSS1 247 OR MTH 1510	Computer Science I OR Introduction to Programming: Visual Basic OR Computer Programming: FORTRAN	4	CSC 160	Computer Science I	4
	Senior Experience in Mathematics		4			
	MTH 4390	Mathematics Senior Seminar	1			
Elective Major Courses (credit hours)						
	Upper-division Math Electives – Certain upper-division sequences must be taken. See <i>Catalog</i> or Advisor		18			
Other graduation requirements						
	Required Minor Courses (if applicable) <i>A minor of at least 18 credits is required, but not a specific minor.</i>		18			
	Upper Division Multicultural Requirement		3			
	Electives		5			
	Graduation Requirements beyond AA/AS degree		60			
	Associate of Arts/Science Degree		60			
	TOTAL GRADUATION REQUIREMENTS		120			

Section II: Transfer Of Credit

- A. Grade Eligibility.
Only academic courses with a letter grade of "C-" or better are transferable. The four-year institution will accept and count toward meeting graduation requirements all state guaranteed general education courses that have a grade of C- or better provided the general education distribution is followed.
- B. This institution accepts scores of 4 and above on advanced placement tests and scores of 4 and above earned on international baccalaureate tests.
- C. The four-year college or university will accept all approved credits earned within ten years of transfer. Courses earned more than ten years earlier may be evaluated on an individual basis.
- D. The institution may apply a state guaranteed general education course toward the major or other graduation requirements if that facilitates the student's graduation more effectively.

