

APPLIED MATHEMATICS MINOR

MATHEMATICS AND STATISTICS DEPARTMENT

APPLIED MATHEMATICS MINOR CHECKLIST 2018-2019

This checklist aids in placement of students into their minor coursework and it documents the department evaluation of transferred credit and course waivers, based on coursework listed on the Degree Audit Report (DARs). A student must complete General Education & Liberal Studies along with other requirements for graduation. Refer to your DARs for further details concerning your major and minor requirements.

Student Name	Metro State ID #	Date

FOUNDATION COURSES FOR MINOR: 12 CREDITS

All coursework must be completed with a grade of C- or better.

Course #	Title	Transfer Equivalent Details	Grade	Credits	✓
MATH 210	Calculus I				
MATH 211	Calculus II				
MATH 310	Calculus III: Multivariable Calculus				

ELECTIVE COURSE REQUIREMENT: 8 CREDITS

An additional 8 credits of math or statistics courses selected from the following list is required.

Course #	Title	Transfer Equivalent Details	Grade	Credits	✓
MATH 215	Discrete Mathematics				
MATH 301	Introduction to Analysis				
MATH 315	Linear Algebra and Applications				
MATH 320	Probability				
MATH 340	Mathematical Modeling				
MATH 350	Ordinary Differential Equations				
MATH 370	Modern Geometry				
MATH 375	Complex Variables				

Course #	Title	Transfer Equivalent Details	Grade	Credits	✓
MATH 405	Partial Differential Equations				
MATH 420	Numerical Analysis				
MATH 450	Operations Research				
MATH 471	Abstract Algebra				
STAT 301	Analysis of Variance and Multivariate Analysis				
STAT 311	Regression Analysis				
STAT 321	Biostatistics				
STAT 331	Nonparametric Statistical Methods				
STAT 341	Analysis of Categorical Data				
STAT 353	Environmental Statistics				

ADDITIONAL NOTES, CREDIT TOTALS OR COMMENTS:

Academic advisor notes:

MAJOR AND MINOR REQUIREMENTS

Students are allowed to have up to 8 credits overlapped with their current or previously completed major or minors. Work with your academic advisor to assure both major and minor requirements are met when planning out your course load every semester towards graduation.

Minor Requirements Checklist	In Progress	Completed
20 credits minor requirement		
4 Metro State Major Credits		
8 credit maximum overlap major or minor		

CONTACT US

For specific questions about this minor or equivalencies of prior coursework at other institutions, contact the Chair of the Mathematics & Statistics Department at:

Email: MATH@metrostate.edu Tel: 651.793.1512

METROPOLITAN STATE UNIVERSITY

College of Sciences

700 East Seventh Street

Saint Paul, MN 55106-5000

Email: COS@metrostate.edu

Tel: 651-793-1606

Academic Advising: cos.advising@metrostate.edu