

MATHEMATICAL FINANCE MAJOR

Major Requirements

The requirements for a **major in mathematical finance** are 63 credits:

Code	Title	Hours
Business Courses		
ACCT 255	Principles of Financial Acctg	4
ACCT 256	Principles of Managerial Acctg	4
BUS 201	Principles of Global Economics	4
BUS 210	Ethics and Leadership	4
BUSN 339	Principles of Management and Leadership	3
FIN 303	Corporate Finance	3
Electives		
Select 9 credits from the following:		9
BUSN 301	Intermediate Microeconomic Theory	
BUSN 333	Global Economics	
BUSN 390	Internship	
BUSN 414	Public Finance	
BUSN 441	Money Banking, and Financial Markets/Institutions	
FIN 304	Equity Analysis	
FIN 403	Int'l Financial Management	
FIN 404	Portfolio Construction & Management	
FIN 405	Fixed Income Analysis	
FIN 407	Financial Statement Analysis & Business Valuation	
FIN 408	Hedging & Risk Management	
FIN 410	Management of Financial Institutions	
FIN 420	Intermediate Corporate Finance	
Mathematics and Computer Science Courses		
CSC 125	Introduction to Computer Science	4
MATH 121	Calculus I	4
MATH 122	Calculus II	4
MATH 210	Linear Algebra	4
MATH 223	Calculus III	4
Select 12 credits from the following:		12
MATH 311	Differential Equations	
MATH 315	Probability and Mathematical Statistics	
MATH/DATA 316	Applied Statistical Models	
MATH/CSC 335/BUSN 460	Operations Management/Research	
Total Hours		63

Degree and Graduation Requirements

In addition to the program-specific requirements listed above, all students must complete the graduation requirements specified for their degree. See the Degree and Graduation Requirements (<https://catalog.concordiacollege.edu/undergraduate-academic-community/degree-graduation-requirements/>) section for more information.