

Tentative Course Plan for Mathematics Undergraduate Students

REQUIRED LOWER LEVEL COURSES

Course #	Course Name	Prereqs	Fall	Spring
1250	Introduction to Computing		D,E,O	D,E,O
1320	Introduction to Probability and Statistics		D,E,O	D,E,O
1800	Analytic Geometry and Calculus I		D/E,O	D/E,O
1900	Analytic Geometry and Calculus II		1800 D/E,O	D/E,O
2000	Analytic Geometry and Calculus III		1900 D/E/O	D/E/O
2020	Introduction to Differential Equations		2000 E/O	D/O
2450	Elementary Linear Algebra		D/E,O	D/E,O

REQUIRED UPPER LEVEL COURSES

Course #	Course Name	Fall	Spring
3250	Foundations of Mathematics	If necessary	D/E/O
4005	Exploratory Data Analysis with R	E	
4010	Financial Mathematics I	E	
4020	Financial Mathematics II		E
4070	Introduction to Nonlinear Optimization	E	
4100	Real Analysis I	If necessary	D/E
4160	Complex Analysis I	D/E (starting F22)	
4200	Mathematical Statistics I		D/E
4210	Mathematics Statistics II	D/E	
4250	Intro Stats. Methods in Learning & Modeling		E
4400	Introduction to Abstract Algebra	D/E	
4450	Linear Algebra		D/E
4660/4670	Geometry		E

Last updated Feb 2021