

Undergraduate Course Rotation Plan (4 years)-- effective Fall 2025									
	Fall 2025	Spring 2026	Fall 2026	Spring 2027	Fall 2027	Spring 2028	Fall 2028	Spring 2029	
Core Courses									
Intro to Math Reas	2971	2971	2971	2971	2971	2971	2971	2971	2971
Linear Algebra	2184	2184	2184	2184	2184	2184	2184	2184	2184
Linear Algebra for	2185	2185	2185	2185	2185	2185	2185	2185	2185
Real Analysis- p, a	4239*	4240*	4239*	4240*	4239*	4240*	4239*	4240*	4240*
Abstract Algebra- p	4121	4122	4121	3125	4121	4122	4121	3125	4125
ODE/PDE-a, c	3342	3343	3342	3343	3342	3343	3342	3343	3343
Numerical Analysis/Math Modeling - c	3553*	3359	3553*	3359	3553*	3359	3553*	3359	3359
Electives									
Financial Math	3410*	3411*			3410*	3411*			
Topology/Combinatorics/Number Theory	3613	3120	3806	3632	3613	3120	3806	3632	3632
Complex Analysis/Diff. Geometry		3848	3257			3848	3257		
Logic	3740		3710		3720		3730		
Topics in Mathematics		4981		4981		4981		4981	
Number of Courses offered during the Semester									
	10	11	10	9	10	11	11	9	9

p = pure math track
a = applied math track
c = computational/interdisciplinary

Graduate Course Rotation Plan (4 years)-- effective Fall 2025									
	Fall 2025	Spring 2026	Fall 2026	Spring 2027	Fall 2027	Spring 2028	Fall 2028	Spring 2029	
Core (All 4 every year)									
Algebra	6101	6102	6101	6120	6101	6102	6101	6120	6120
Analysis	6214	6215 \ 6240	6214	6230	6214	6215 \ 6240	6214	6230	6230
Applied Math	6318	6319	6318	6350	6318	6319	6318	6350	6350
Topology	6810	6890	6810	6820	6810	6890	6810	6820	6820
Basic (every year)	6201*	6202*	6201*	6202*	6201*	6202*	6201*	6202*	6202*
Combinatorics	6610		6620 \ 6630		6610		6620 \ 6630		
Logic		6720		6710		6720		6710	6710
Knot Theory - Dynamics	6850		6225	6860	6850		6225	6860	6860
Numerical Analysis	6522*	6540	6522*	6540	6522*	6523	6522*	6523	6523
Financial Math	6441*	6442*	6441*	6442*	6441*	6442*	6441*	6442*	6442*
MA in Appl Math	6555	6560	6575	6580	6555	6560	6575	6580	6580
	7	7	7	8	7	7	7	7	8

Undergrad

intro to math reasoning **2971W**
Linear Algebra 2184, 2185, 3125
differential equations 3342, 3343
financial math 3440, 3411
Complex An., Differential Geometry 3257, 3848
Topology, Diff Geom 3806, 3848
Combinatorics 3613, 3632
Math Modeling, Num An. 3359, 3353
Algebra 4121, 4122
Real Analysis 4239*, 4240*
Topics in Math 4981

Grad

Algebra **6101**, 6102, 6120
Analysis/Dynamics 6201*, 6202*, **6214**, 6215, 6230, 6225, 6240
Applied Math **6318**, 6319, 6540
Topology/Knot Theory **6810**, 6820, 6890, 6850, 6860
Combinatorics 6610, 6630
Financial Math 6441*, 6442*
Logic 6710, 6720
Numerical Analysis 6522*, 6523, 6540
MA Appl Math (new) 6555, 6575, 6560, 6580

* Math 6201/4239 and 6202/4240 offered concurrently

* Math 3553/6522 are offered concurrently

*Math 3410/6441, 3411/6442 are offered concurrently

* courses that are offered concurrently are not counted in the grad course tally

Undergraduate Course Rotation Plan (4 years)-- effective Fall 2021									
	Fall 2021	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024	Fall 2024	Spring 2025	
Core Courses									
Intro to Math Reas	2971	2971	2971	2971	2971	2971	2971	2971	2971
Linear Algebra	2184	2184	2184	2184	2184	2184	2184	2184	2184
Linear Algebra for	2185	2185	2185	2185	2185	2185	2185	2185	2185
Real Analysis- p, a	4239	4240	4239	4240	4239	4240	4239	4240	4240
Abstract Algebra- p	4121	4122	4121	3125	4121	4122	4121	3125	3125
ODE/PDE-a, c	3342	3343	3342	3343	3342	3343	3342	3343	3343
Numerical Analysis	3553*	3359	3553*	3359	3553*	3359	3553*	3359	3359
Electives									
Financial Math	3410*	3411*	3410*	3411*	3410*	3411*	3410*	3411*	3411*
Topology/Graph Theory									
Combinatorics/Nu	3613	3120	3806	3632	3613	3120	3806	3632	3632
Complex Analysis/ Diff Geometry		3848	3257			3848	3257		
Logic/Axiomatic Se Theory/Computabi									
Complexity	3740		3710		3720		3730		
Topics in Mathematics		4981		4981		4981		4981	
Number of Courses offered during the Semester									
	10	11	11	10	10	11	11	10	10

p = pure math track
a = applied math track
c = computational/interdisciplinary

Graduate Course Rotation Plan (4 years)-- effective Fall 2021									
	Fall 2021	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024	Fall 2024	Spring 2025	
Core (All 4 every year)									
Algebra	6101	6102	6101		6101	6102	6101	6102	6102
Analysis	6214		6214		6214		6214		
Applied Math	6318		6318		6318		6318		
Topology	6810		6810		6810		6810		
Basic (every year)	6201	6202	6201	6202	6201	6202	6201	6202	6202
Electives									
Analysis		6230		6215	6230			6215	6215
Applied Math	6350	6319	6350		6340	6319	6350	6319	6319
Dynamics/ODE		6226	6225				6330		
Combinatorics	6620	6630		6610	6620	6630		6610	6610
Logic	6710	6720		6720	6720		6710	6720	6720
Topology		6820		6820		6820		6820	
Topology/Knot The	6850	6860		6890	6850	6860		6890	
Numerical Analysis	6522*	6540	6522*	6540	6522*	6523	6522*	6523	6523
Financial Math	6441*	6442*	6441*	6442*	6441*	6442*	6441*	6442*	6442*
Number of Courses offered during the Semester									
	11	10	10	8	12	8	11	8	8

*Crosslisted with ugrad courses

Course Numbers/Titles	Summary (by area) of graduate course offerings over 4 years
ALGEBRA-Core (6101)	Algebra 6
ANALYSIS-Core (6214)	Analysis/Dy/ODE 11
APPLIED-Core (6318)	Topology 13
TOPOLOGY-Core (6810)	Applied 12
Real Analysis 1/2-Basic (6201/6202)	Numerical Analysis 8* (4 are crosslisted)

AL2-Elective (6102)	Logic 6
AN2/AN3-Elective (6215/6230)	Combinatorics 6
AP2/AP (6319/6350)/ PD (6340)	Basic 8
DY1/DY2/DY (6225/6226/6330)	Financial 8* (8 are crosslisted)
CO1/CO2/CO (6610/6620/6630)	
Logic 1/2 (6710/6720)	
TO1/TO2/TO (6810/6820/6890)	

KL1/KL2 (6850/6860)
NA1 (6522*), NA2 (6523), NA (6540)
FM1/FM2 (6441/6442)