

Department of Mathematics Long Range Course Rotation

POS/Req.	Course	Title	Dahlonaga			Gainesville			Cumming		Online
			Fall	Spring	Sum	Fall	Spring	Sum	Fall	Spring	
	MATH										
LS	0997	Support for Quant Skills and Reasoning				X	X	X	X	X	
LS	0998	Support for Math Models	X	X		X	X	X			
LS	0999	Support for College Algebra	X	X		X	X	X	X	X	
Core A	1001	Quantitative Skills and Reasoning				X	X	X	X	X	
Core A	1101	Mathematical Models	X	X	X	X	X	X			
Core A	1111	College Algebra	X	X	X	X	X	X	X	X	ALL
Core A/D	1113	Precalculus	X	X	X	X	X	X	X	X	ALL
Core D/F	1401	Elementary Statistics	X	X	X	X	X	X	X	X	ALL
Core A/D	1450	Calculus I	X	X	X	X	X	X	X	X	
K-8	2008	Number and Operations for Teachers	X	X	X	X	X	X			
Core D	2040	Brief Calculus	X	X	X	X	X	X	X	X	ALL
Core D/F	2460	Calculus II	X	X	X	X	X	X			
Core F	2470	Calculus III	X	X	X	X	X	X			
Core D/F	2510	Introduction to Discrete Mathematics	X	X	X	X	X	X			
a b c	2800	Introduction to Mathematical Proof	X	X	X	X	X	Odd			
a b c	3000	Differential Equations	X	X	X	X	X	X			
	3010	Partial Differential Equations	Odd			Even					
	3020	NonLinear Dynamics and Chaos		Odd			Even				
K-8	3110	Informal Geometry	X	X	X	X					
K-8	3116	Modeling in Algebra	X	X	X		X				
b	3120	Geometry		X		Even					
K-8	3140	Data Analysis & Prob Solving for Teachers			X						
b (a: 1 opt)	3350	Probability and Statistics	X	X	Odd	X	X	Even			
stat minor	3360	Stochastic Processes		X		X					
stat minor	3370	Applied Multivariate Statistics	X				X				
stat minor	3390	Undergraduate Research in Statistics	Even								
b	3500	Discrete Mathematics	X				Even				
	3520	Graph Theory	Even		Odd		Odd				
	3530	Intro to Directed Graphs		Odd	Even	Odd					
	3540	Introduction to Cryptography		Even	X		Odd				
	3550	Numerical Analysis		Odd			Even				
	3570	Combinatorics		Even		Odd					
	3590	Game Theory		Even		Odd					
a b c	3600	Introduction to Abstract Algebra I		X	Odd	X		Even			
	3610	Introduction to Abstract Algebra II		Odd			Even				
a b c	3650	Introduction to Linear Algebra	X	X	Even	X	X	Odd			
	4010	Advanced Diff. Eq. and Math. Physics		Odd			Even				
	4130	Introduction to Topology	Odd			Even					
	4160	Orthogonal Functions		Even							
(a: 1 opt)	4180	Functions of a Complex Variable	Even				Odd				

POS/Req.	Course	Title	Dahlonega			Gainesville			Cumming		Online
			Fall	Spring	Sum	Fall	Spring	Sum	Fall	Spring	
a c	4200	Intro to Real Analysis I	X				X				
	4210	Intro to Real Analysis II		Even			Odd				
	4310	Theory of Numbers	Odd		Even		Even				
	4550	Computer Appl. In Operations Research			Even	Odd					
b	4700	History of Mathematics		X		Even					
a	4950	Senior Project in Mathematics	X	X	X	X	X	X			
	MAED										
b	3002	2 Assessment for Secondary Mathematics		X							
b	3003/L	2/1 Classroom Mgmt for Sec. Math. + Lab		X							
b	4000	4 Curriculum for Seocndary Mathematics	X								
b	4101	3 Methods/Materials for Secondary Math.	X								
b	4201	3 Mathematics Education Seminar	X								

*Elective classes will only be placed on the schedule if there is deemed sufficient demand.

Every class is subject to cancellation if enrollment is too low.

a Mathematics

b Math-Secondary

c Math/Eng Dual Deg

If you need this file in a different format, please contact [Angela Erwin](#) or call 706-864-1610.