

COURSE OFFERING SCHEDULE															
Plan of Study Criteria	Course	hrs	Course Title	Dahlonega			Gainesville			Oconee			Cumming		Online
				Fall	Spring	**Sum	Fall	Spring	**Sum	Fall	Spring	**Sum	Fall	Spring	
	<b>MATH</b>														
	0997	3	Support for Quant Skills and Reasoning				X	X	X	X	X		X	X	ALL
	0998	3	Support for Math Models	X	X					X	X				ALL
	0999	3	Support for College Algebra	X	X		X	X	X	X	X		X	X	ALL
Core A	1001	3	Quantitative Skills and Reasoning				X	X	X	X	X		X	X	ALL
Core A	1101	3	Mathematical Models	X	X	X	X	X		X	X				ALL
Core A	1111	3	College Algebra	X	X	X	X	X	X	X	X	X	X	X	ALL
Core A/D	1113	3	Precalculus	X	X	X	X	X	X	X	X	X	X	X	ALL
Core D/F	1401	3	Elementary Statistics	X	X	X	X	X	X	X	X	X	X	X	ALL
abc, Core A/D	1450	4	Calculus I	X	X	X	X	X	X	X	X	X	X	X	
K-8	2008	3	Number and Operations for Teachers	X	X	X	X	X	X	X	X				
Core D	2040	3	Brief Calculus	X	X	X	X	X	X		X		X	X	ALL
d s & Core F	2401	3	Elementary Statistics II		X										
abc, Core D/F	2460	4	Calculus II	X	X	X	X	X	X	X	X			X	
abc, Core F	2470	4	Calculus III	X	X	X*	X	X	X	X*	X*				
Core D/F	2510	3	Introduction to Discrete Mathematics	X	X	X	X	X	X		X*				
abc, Core F	2800	3	Introduction to Mathematical Proof	X	X	EVEN	X	X	ODD		X*				
a b c	3000	3	Differential Equations	X	X	X	X	X	X						
e	3010	3	Partial Differential Equations	ODD			EVEN								
e	3020	3	NonLinear Dynamics and Chaos		ODD			EVEN*							
K-8	3110	3	Informal Geometry	X	X	X	X						X		Fa, Su
K-8	3116	3	Modeling in Algebra	X	X	X		X					X		Sp, Su
b	3120	3	Geometry		X		EVEN*								
K-8	3140	3	Data Analysis & Prob Solving for Teachers			ODD*									
d e s	3345	3	Statistical Programming	X				X							
a b c d s	3350	3	Probability and Statistics	X	X	ODD	X	X	EVEN						
e s	3360	3	Probability for Stochastic Processes		X		X								
d e s	3365	3	Categorical Data Analysis		X		X								
d e s	3370	3	Applied Multivariate Statistics	X				X							
d e s	3375	3	Introduction to Data Science Models		X			X							
s	3390	1	Undergraduate Research in Statistics	EVEN*											
e s	3400	3	Introduction to Stochastic Processes					ODD*							
b e	3500	3	Discrete Mathematics	X				EVEN*							

e	3520	3	Graph Theory	EVEN		ODD		ODD*	
e	3530	3	Intro to Directed Graphs		ODD	EVEN	ODD		
e	3540	3	Introduction to Cryptography		EVEN	ODD		ODD*	
e	3550	3	Numerical Analysis		ODD			EVEN*	
e	3570	3	Combinatorics		EVEN*		ODD*		
e	3590	3	Game Theory		EVEN*		ODD*		
a b c	3650	3	Introduction to Linear Algebra	X	X	EVEN	X	X	X
e	4010	3	Advanced Diff. Eq. and Math. Physics		ODD*			EVEN*	
e	4130	3	Introduction to Topology	ODD*			EVEN*		
e	4160	3	Fourier Analysis		EVEN*				
a c	4180	3	Functions of a Complex Variable	EVEN				ODD	
a c	4200	3	Intro to Real Analysis I	X				X	
e	4210	3	Intro to Real Analysis II		EVEN*		ODD*		
e	4310	3	Theory of Numbers	ODD		EVEN		EVEN*	
e	4550	3	Computer Appl. In Operations Research			EVEN*	ODD*		
a b c	4600	3	Introduction to Abstract Algebra I		X		X		
e	4610	3	Advanced Modern Algebra					ODD	
e	4620	3	Introduction to Abstract Algebra II		ODD*			EVEN*	
e	4650	3	Advanced Linear Algebra		EVEN		EVEN		
b e	4700	3	History of Mathematics		X		EVEN*		
a	4950	1	Senior Project in Mathematics	X	X	X	X	X	X
	<b>MAED</b>								
b	2100	3	Technology in Mathematics Education		X				
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 Secondary Mathematics	X					
b	4101	3	Methods/Materials for Secondary Math.	X					
b	4201	3	Mathematics Education Seminar	X					
	<b>DATA</b>								
d & Core D	1501	3	Introduction to Data Science	X	X		X	X	

An X indicates the course is planned every year: EVEN indicates only even years: ODD indicates only odd years.

\* Courses marked with an asterisk will only be placed on the schedule if there is deemed sufficient demand.

\*\* Summer classes will be scheduled on campus or taught by a faculty member from that campus, but are dependent on enrollment and available faculty.

**Every** class is subject to cancellation if enrollment is too low or there is no available faculty member to teach it.

a Math major (REQ)

b Math-Secondary major (REQ)

c Math/Eng Dual Degree (REQ)

d Data Science minor

e Elective for Math major/minor

s Statistics minor

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