

Department of Engineering, Mathematics, and Physics
 Three-year Mathematics Undergraduate Courses Schedule (Fall 2012 – Summer II 2015)

(Rev. 1/2012)

Course # and Title	F 12	Sp 13	Sr I 13	Sr II 13	F 13	Sp 14	Sr I 14	Sr II 14	F 14	Sp 15	Sr I 15	Sr II 15
MATH 1314 College Algebra	3	3	3	3	3	3	3	3	3	3	3	3
MATH 1316 Plane Trigonometry	3	3	3	3	3	3	3	3	3	3	3	3
MATH 1324 Business Mathematics I	3	3	3		3	3	3		3	3	3	
MATH 1325 Business Mathematics II	3	3		3	3	3		3	3	3		3
MATH 1333 Mathematics for Liberal Arts		3				3				3		
MATH 1342 Introductory Statistics	3	3	3	3	3	3	3	3	3	3	3	3
MATH 1348 Analytic Geometry	3								3			
MATH 3318 Advanced Linear Algebra ²					3							
MATH 3328 Advanced Geometry ²		3								3		
MATH 4152-4452 Internship in Mathematics	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3
MATH 4315 Abstract Algebra II ²		3								3		
MATH 4341 Numerical Analysis II ⁴						3						
MATH 4350 Partial Differential Equations ²	3								3			
MATH 4365 Geometry of Curves and Surfaces ⁴						3						
MATH 4385 History of Mathematics ¹	3				3				3			
Required courses												
MATH 1350 Fundamentals of Mathematics I	3	3	3		3	3	3		3	3	3	
MATH 1351 Fundamentals of Mathematics II	3	3		3	3	3		3	3	3		3
MATH 2412 Pre-Calculus	4	4	4		4	4	4		4	4	4	
MATH 2330 Elementary Geometry		3				3				3		
MATH 2371 Communications in Mathematics	3				3				3			
MATH 2413 Calculus I	4	4	4	4	4	4	4	4	4	4	4	4
MATH 2414 Calculus II	4	4		4	4	4		4	4	4		4
MATH 2415 Calculus III	4	4			4	4			4	4		
MATH 3195-3395 Seminar		1				1				1		
MATH 3310 Introduction to Linear Algebra	3		3		3		3		3		3	
MATH 3325 Geometry	3				3				3			
MATH 3330 Ordinary Differential Equations	3				3				3			
MATH 3360 Statistical Analysis		3				3				3		
MATH 3365 Discrete Mathematics		3				3				3		
MATH 4310 Abstract Algebra I	3				3				3			
MATH 4335 Advanced Calculus	3				3				3			
MATH 4345 Complex Variables		3				3				3		
MATH 4390 Math in the Middle and High Schools	3				3				3			
Elective courses for math minor												
MATH 4305 Number Theory ¹	3				3				3			
MATH 4330 Numerical Linear Algebra ²			3								3	
MATH 4340 Numerical Analysis I ²					3							
MATH 4355 Selected Topics in Mathematics	On demand											
MATH 4360 Introduction to Topology ²		3								3		
MATH 4395 Senior Mathematics Project*	3								3			