



New Mathematics Graduate Pathway

INTO CSU now offers a Math Graduate Pathway with both a standard and accelerated option. The Graduate Pathway in Math is designed to help students prepare to study in the Master of Science in Mathematics degree program at CSU.

For information about the degree, visit: www.math.colostate.edu

Standard Pathway - 2 Semesters	Degree Program Components			Program Information	
Fall: August 15, 2016 Spring: January 9, 2017	35 credit hour degree programs 12 credit hours apply from Pathway 23 credits remaining toward degree				
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements	
<ul style="list-style-type: none"> Undergraduate degree with 2.75 GPA out of 4.0 Undergraduate degree in Mathematics Language requirements: <ul style="list-style-type: none"> TOEFL iBT 70 OR IELTS 6.0 OR PTEA 48 OR Password 6.5 OR completion of the Academic English Level 3 with a minimum 75% in all graded courses 	AEEP 8591	GRE Test Preparation	0	<ul style="list-style-type: none"> Cumulative CSU GPA of 3.0 GRE score of 156 Verbal, 160 Quantitative, 4.0+ Analytical Writing No grade lower than a B in all Pathway classes No I or U grades; no unresolved W grade in a required Pathway course; no S grades, except in cases of credit earned by exam or the GRE preparation course Current professional résumé 3 professional recommendation letters 	
	EAP 150	English for International Students I	6		
	MATH 417	Advanced Calculus I	3		
	Choose one of the following courses:				
	MATH 450	Introduction to Numerical Analysis I	3		
	MATH 466	Advanced Algebra I	3		
	MATH 501	Combinatorics I	3		
	MATH 510	Linear Programming and Network Flows	3		
			Total 12		
	Semester 2	Course Title	Credit Hours	Notes	
	EAP 152	English for International Graduate Students	6	1. Offered spring semesters of odd years. . These courses are generally delivered through the INTO CSU Center and are for Pathway students only.	
	MATH 469	Linear Algebra II	3		
	Choose one of the following courses:				
	MATH 451	Introduction to Numerical Analysis II	3		
	MATH 467 ¹	Abstract Algebra II	3		
	MATH 502	Combinatorics II	3		
	MATH 520	Nonlinear Programming	3		
			Total 12		
Accelerated Pathway - 1 Semester	Degree Program Components				
Fall: August 15, 2016	35 credit hour degree programs 9 credit hours apply from Pathway 26 credits remaining toward degree				
Entry Requirements	Semester 1	Course Title	Credit Hours		
<ul style="list-style-type: none"> Undergraduate degree with 2.75 GPA out of 4.0 Undergraduate degree in Mathematics Language requirements: <ul style="list-style-type: none"> TOEFL iBT 79 OR IELTS 6.5 OR PTEA 52 OR Password 7 OR completion of the Academic English Level 3 with a minimum 85% in all graded courses 	AEEP 8591	GRE Test Preparation	0		
	EAP 153	Writing for International Graduate Students	3		
	MATH 417	Advanced Calculus I	3		
	Choose two of the following courses:				
	MATH 450	Introduction to Numerical Analysis I	3		
	MATH 466	Advanced Algebra I	3		
	MATH 501	Combinatorics I	3		
	MATH 510	Linear Programming and Network Flows	3		
	MATH 545	Partial Differential Equations I	3		
			Total 12		