TRINITY WASHINGTON UNIVERSITY

ACADEMIC DEEGREE PROGRAM: Mathematics

Program Chair: K. Luse

Curriculum map to PLOs

Courses Mapped to Student Learning Outcomes 2015-2016

PROGRAM LEARNING OUTCOMES									
Student who complete BS in Mathematics degree program will be able to:									
	Graph and describe properties of a variety of functions (including trigonometric , exponential, logarithmic, polynomial, and rational)	Define and apply fundamental concepts of calculus (including limits, continuity, differentiabili ty, and integration)	Solve problems and applications in a variety of advanced mathematic al courses	Use technology to enhance/com plement problem solving	Apply concepts of set theory to understand and prove concepts of mathematics	Apply axiomatic approaches to the developme nt of mathematic s	Read, understand, and formulate proofs in mathematic s	Communicat e complex mathematics orally and in writing	
Courses co	Courses counting towards the Mathematics BS degree:								
Math 125: Calculus I	Introduced	Introduced	Introduced						
Math 225: Calc II	Developed	Developed	Introduced						

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Math 301: Linear Algebra			Developed					Introduced
Math 315: Math. Prob. and Stats			Developed					Introduced
Math 325: Multi- variable Calculus	Mastered	Mastered	Introduced					Introduced

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Math 327: Differenti al Equation s			Developed					Introduced
Math 331: Intro to Abstract Math					Introduced		Introduced	Developed
Math 371: History of Mathema tics							Developed	Developed

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Math 403: Abstract					Developed	Introduced	Developed	Developed
Algebra I Math					Mastered	Developed	Mastered	Developed
431: Real Analysis I								
Math 435: Geometr y				Developed	Mastered	Developed	Mastered	Developed
CMSC 111: Intro to computer program				Introduced				
ming Math 499: Senior Seminar							Mastered	Mastered