

Approved 6/27/19 JT			
5-12 Mathematics		COMPLETE SHADED FIELDS IN THIS COLUMN	Add links to online course syllabi, or submit course syllabi in separate folder
INSTITUTION NAME	UNDERGRADUATE OR GRADUATE?	NEW OR REVISED?	Notes
William Penn University	Undergraduate	Revised	
<b>STATE CORE REQUIREMENTS</b>			
Methods of teaching 5-12 Mathematics	EDUC 388 Secondary Math Methods, 3 credits EDUC 389 25-hour field experience, 0 credits		
Student teaching in 5-12 Mathematics	EDUC 401 Secondary Student Teaching, 14 credits		
<b>STATE CONTENT REQUIREMENTS</b>		<b>INSTITUTIONAL REQUIREMENTS (course title, credits)</b>	
Completion of a thirty semester hour teaching major which must minimally include 24 hours of mathematics coursework:			
course in linear or abstract (modern) algebra	MATH 212 Introduction to Abstract Math, 3 credits MATH 353 Linear algebra, 3 credits MATH 354 Abstract Algebra, 3 credits		9
course in geometry	MATH 332 College Geometry, 3 credits		3
two course sequence in calculus	MATH 241 Calculus I, 4 credits MATH 242 Calculus II, 4 credits		8
course in computer programming	APCS 201 Programming Fundamentals, 2 credits APCS 206 Object Oriented Programming, 2 credits		4
course in probability and statistics	MATH 336 Mathematical Statistics, 3 credits		3
coursework in discrete math	MATH 211 Discrete Math, 3 credits		3
Other (if applicable):	One of the following: PHYS 201 General Physics I, 4 credits, PHYS 202 General Physics II, PHYS 211 College Physics I, 5 credits, or PHYS 212 College Physics II, 5 credits		4/5
	Two of the following: MATH 335 Differential Equations, 4 credits; MATH 339 History of Mathematics, 3 credits; MATH 353 Calculus III, 4 credits; or MATH 345 Numerical Analysis Methods, 3 credits (MATH 339 should be considered top priority)		6-8
<b>Endorsement Credit Hour Total:</b>	40-43		