

Millersville University Department of Mathematics
Post-Baccalaureate Certification in Mathematics

(Last Name) (First Name)	Student Number
Advisor	
Undergrad GPA: Admission type: Note: If you have been offered Probationary Admission you must complete the TCAT requirements <u>before</u> taking any other program coursework.	

Required Core Courses (33.0-34.0 credits)*

Number	Title	Needed at MU	Satisfied At Admission	Grade	Notes
MATH 161	Calculus I* (4 s.h.)				
MATH 211	Calculus II (4 s.h.)				
MATH 301	History of Math (3 s.h.)				
MATH 305	Teach Math Sec Schl I (2 s.h.)				
MATH 310	Intro Math Proof (3 s.h.)				
MATH 311	Calculus III (3 s.h.)				
MATH 322	Linear Algebra I (4 s.h.)				
MATH 325	Mathematical Connections (3 s.h.)				
MATH 345	Abstract Algebra I (3 s.h.)				
MATH 354	Classical and Transformational Geometry (4 s.h.)				
MATH 464	Real Analysis I (3 s.h.)				
* with permission, MATH 163 Honors Calculus I may be taken in place of MATH 161.					

Required Option Courses (10.0-12.0 Credits)

Number	Title	Needed at MU	Satisfied At Admission	Grade	Notes
A. Statistics Requirements (4.0-6.0 Credits)					
MATH 333	Intro to Prob and Stat (4 s.h.)				
OR					
MATH 335	Math Statistics I (3 s.h.)				
AND					
MATH 435	Math Statistics II (3 s.h.)				
B. Additional Electives (6.0 Credits)					
MATH					
MATH					
Required Related Courses (10.0-20.0 Credits)					
CSCI 161	Intro Computing I (4 s.h.)				
CSCI 140	Discrete Structures (3 s.h.)				