



**Early Adolescence through Adolescence
(Approximate Ages 10 – 21 Years)
Mathematics: Post Baccalaureate Program Sheet**

CERTIFICATION SUMMARY

NAME: _____ **DATE OF REQUEST:** _____

CERTIFICATION SOUGHT: Early Adolescence-Adolescence
(Grades 6-12)
Major: Mathematics

COMPLETED BY: Andrea Azarian
Academic Advisor
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REVIEWED BY: Patrick Hopfensperger
Program Director
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ADMISSION APPLICATION REQUIREMENTS

The Post-Baccalaureate Certification Program in Mathematics Education is designed for individuals with a bachelor's degree who wish to earn Wisconsin teaching certification for grades 6 through 12. The requirements for each candidate will depend on the academic background of the candidate and the university and state requirements in effect at the time of admission. Many applicants may want to investigate earning a Master's degree in Curriculum and Instruction while certifying in mathematics. Please consult Patrick Hopfensperger at (414) 229-4844 if this option interests you.

Application to the Mathematics Education (Grades 6 - 12) Post Baccalaureate Teacher Certification Program requires satisfactory completion of the minimum application requirements listed below. For a downloadable application, visit our website at: <http://www.currinsadvising.soe.uwm.edu>. This transcript pre-evaluation should be submitted along with all the other application materials when submitting your application.

Completed	Admission Criteria
	Bachelor's Degree: The applicant must have a bachelor's degree from an accredited college or university. Major:
CUM GPA: Content GPA:	GPA Requirement: The applicant must have a minimum cumulative grade point average of 2.5 on all coursework completed for undergraduate credit. In addition, a minimum cumulative grade point average of 2.75 is required in all Mathematics courses.
	Praxis I: Pre-Professional Skills Test Requirement: The applicant must have their official Praxis I scores with minimum scores as follows: Reading 175, Writing 174, and Math 173. If you are having difficulty passing any portion of the PRAXIS I, please contact your academic advisor prior to taking the test a third time.

The following courses or requirements are required to obtain a mathematics certification. If you have completed the course or met the requirement, it will be indicated. Those courses or requirements not indicated as completed, need to be completed to obtain your certification.

MATHEMATICS CONTENT AREA

Substitutions and elective course selections require the written approval of Pat Hopfensperger, your faculty advisor. 34 total credits required.

Completed	Credits	Course Number	Course Name	Grade	Equivalent Course Completed	School/College	Semester
	5	Select one of the following: () MATH 221 Honors Calculus I () MATH 231 Calculus & Analytical Geometry					
	4	Select one of the following: () MATH 222 Honors Calculus II or Calculus II () MATH 232 Calculus & Analytical Geometry					
	4	MATH 233	Calculus and Analytical Geometry				
	4	MATH 234	Linear Algebra and Differential Equations				
	3	MATH 341	Introductory to Language & Practice				
	3	Select one of the following: () MATH 431 Modern Algebra with Applications () MATH 531 Modern Algebra					
	3	Select one of the following: () MATH 451 Axiomatic Geometry () MATH 453 Transformations in Geometry					
	3	Select one of the following: () MTHSTAT 465 Introduction to Mathematical Statistics () MTHSTAT 361& 362 Introduction to Mathematical Statistics I & II () IND ENG 467 Introductory Statistics for Physical Sci. & Engineering Students					
	3	MATH 675	Mathematics for High School Teachers from an Advanced Perspective				
	3	Select one of the following advanced mathematics electives: () MATH 431 or 531 Modern Algebra with Applications () MATH 451 or 453 Axiomatic or Transformations in Geometry () MATH 521 Advanced Calculus () MATH 535 Linear Algebra					

Computer and Physics Requirement

Completed	Credits	Course Number	Course Name	Grade	Equivalent Course Completed	School/College	Semester
	4	COMPSCI 201	Introductory Computer Programming				
	4	PHYSICS 209	Physics I				
	1	PHYSICS 214	Lab Physics I				

PROFESSIONAL EDUCATION REQUIREMENTS

Taken prior to start of the MACSTEP sequence in the summer.

Completed	Credits	Course Number	Course Name	Grade	Equivalent Course Completed	School/College	Semester
	3	ED PSY 330	Introduction to Learning & Development				

The following courses, referred to as the MACSTEP (Milwaukee Collaborative Secondary Science (and Math) Teacher Education Program) sequence, require formal admission to the School of Education.

SUMMER							12 total credits	
Completed	Credits	Course Number	Course Name	Grade	Equivalent Course Completed	School/College	Semester	
	3	CURRINS 332	Teaching of Math: Middle School					
	3	CURRINS 510	Cooperative Strategies with Adolescents					
	2	CURRINS 545	Reading in the Content Area					
	1	CURRINS 629	Change and Change Strategies in Education					
	1	ED PSY 579	Alternative Assessment in Science & Math I					
	Successfully pass PRAXIS II		Mathematics: Content Knowledge #10061					

FALL							11 total credits	
Completed	Credits	Course Number	Course Name	Grade	Equivalent Course Completed	School/College	Semester	
	3	CURRINS 316	Field Work/Secondary Reading in Content Areas					
	1	CURRINS 510	Cooperative Strategies for Pre & Early Adolescents					
	2	CURRINS 516	Field/Student Teaching Middle School					
	3	CURRINS 532	Teaching of Mathematics: Secondary					
	1	EXCEDUC 537	Inclusion for Secondary Science & Math II					
	1	ED PSY 579	Alternative Assessment in Science & Math II					

SPRING							13 – 15 credits	
Completed	Credits	Course Number	Course Name	Grade	Equivalent Course Completed	School/College	Semester	
	5-6	CURRINS 431	Student Teaching in Mathematics					
	5-6	CURRINS 431	Student Teaching in Mathematics					
	1	ED PSY 579	Alternative Assessment in Science & Math III					

Act 31 Requirement:- A component of the Human Relations Requirement for Teacher Certification met by completing one of the following courses or a one-day seminar.

Completed	Credits	Course Number	Course Name	Grade	Equivalent Course Completed	School/College	Semester
	3	Select one of the following: <input type="checkbox"/> ANTHRO 213 American Indian People's of Wisconsin <input type="checkbox"/> ENGLISH 276 Introduction to American Indian Literature <input type="checkbox"/> ETHNIC 203 Western Great Lakes American Indian Community Life of the Past <input type="checkbox"/> HISTORY 263 North American Indian History Since 1887 <input type="checkbox"/> 1- Day Seminar (Contact School of Education – Outreach at (414) 229-4728)					

PRAXIS II – The PRAXIS II should be taken when the majority of your content courses have been completed. When registering for the test, indicate UWM as a recipient of your scores. Your scores must be reflected on your transcript in order to be approved for certification.

Actual Score	Passing Score	
	135	Mathematics: Content Knowledge #10061

REMARKS

Repeat of coursework completed 10 years or more prior to admission may be required.

Some of the courses listed in your pre-evaluation may have prerequisites. It is your responsibility to clear the prerequisite before enrolling in the required course.

You must achieve a minimum cumulative grade point average of 2.75 in all professional education coursework. This includes any transfer course work that is counted towards certification at UWM, as well as grades earned in student teaching or field experiences. General education coursework and/or electives which do not fulfill requirements towards certification will not be included in the cumulative GPA calculation.

A student teaching placement will not be approved unless the following criteria are met:

- Passing scores on the PRAXIS II content-based exam reflected on your transcript (PRAXIS II exam: Mathematics: Content Knowledge #10061). Indicate UWM (#1473) as a recipient of all PRAXIS test scores.
- Current TB test submitted to the Field Experience Office.
- Current Criminal Bureau Check (CBC) submitted to the Field Experience Office.

This transcript pre-evaluation is valid for one year from date of approval.

Additional Comments:

Approved by _____ Date _____
 Program Director