



## TRANSFER GUIDE

### Milwaukee Area Technical College to B.S. – Mathematics Education - School of Education

#### **Admission Guidelines**

Transfer admission is a holistic and selective process, and no single criterion guarantees admission. The following factors are taken into consideration when reviewing applications:

- Demonstrated satisfactory academic progress
- Successful completion of college-level Math and English courses
- Total credit hours completed
- Academic standing at your previous institution

If you have fewer than 12 transferable credits, we will also review your high school academic records.

Please keep in mind that some academic programs within the Peck School of the Arts, School of Architecture and Urban Planning, College of Engineering & Applied Science, and College of Nursing may have additional requirements for direct admission into their majors.

We encourage students to utilize this guide to plan their coursework for their first and second semesters at MATC. We highly recommend that students who are interested in transferring contact a UWM Transfer Advisor for more information about additional requirements of specific academic programs.

#### **School of Education Information**

The Early Adolescence through Adolescence (EA-A) Program in Mathematics Education is available for students who plan to teach mathematics to children from age 10 to age 21, in 6th through 12th grade. Mathematics Education students gain real world experience in the classroom through student teaching at area schools. Students who satisfactorily complete the program requirements also meet the Wisconsin teacher certification requirements for teaching mathematics in those grades.

In addition to course requirements, all teacher preparation programs have GPA and testing requirements. For more information on these requirements, visit [uwm.edu/education/academics/undergraduate](http://uwm.edu/education/academics/undergraduate).

#### **Transfer Admissions Contact Information**

UWM Office Phone: 414-229-2222

Email: [undergraduateadmissions@uwm.edu](mailto:undergraduateadmissions@uwm.edu)

#### **Department/School/College Advisor Contact Information**

Emilee Schultz

Email: [emilee@uwm.edu](mailto:emilee@uwm.edu)

Office Phone: 414-229-5287

Enderis Hall 255

School of Education

Office of Student Services

[soeinfo@uwm.edu](mailto:soeinfo@uwm.edu)

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P.O. Box 413

2400 E. Hartford Avenue

Milwaukee, WI 53201-0413

<https://uwm.edu/education/>

	MATC coursework		UWM coursework
<b>GER requirements</b>			
Oral and Written Part A	ENG-202 (minimum C grade)	3	ENGLISH 102
Oral and Written Part B		3	ENGLISH 201 or CURRINS 234
Quantitative Literacy Part A	MATH-200 (minimum C grade)	3	MATH 105
Quantitative Literacy Part B	Satisfied by major requirements	--	Satisfied by major requirements
Art (3 credits)	Various options*	3	Various options*
Humanities (6 credits)	SPEECH-201	3	COMMUN 103
	Literature course—various options*	3	Lit course—various options*
Social Science (9 credits)	HIST-211 or 212	3	HIST 151 or 152
	SOCSCI-221 or 222	3	POL SCI 104 or 105
	ECON-201 or 202	3	ECO 103 or 104
Natural Science (9 credits) *one course must have a lab*		3-4	COMPSCI 250
	Biology course—various options*	3+	Biology course—various options*
	NATSCI-274	5	PHYSICS 209 & 214
Cultural Diversity/ACT 31 (3 credits)	HIST-218, 219 or ENG-220	3	HIST 263, 262, or ENGLISH 276
Foreign Language	Demonstrated competency**	0-8	Demonstrated competency**
<b>English Content Area Coursework</b>			
Calculus I or Honors Calculus I	MATH-231	4-5	MATH 231 (or MATH 221)
Calculus II or Honors Calculus II	MATH-232	4	MATH 232 (or MATH 222)
Calculus III ( <i>not required if student takes MATH 221 or 222 at UWM</i> )	MATH-233	0-4	MATH 233
Linear Algebra and Differential Equations or Matrices and Applications	MATH-234	4	MATH 234 or MATH 240
Seminar: Intro to Language & Practice of Math		3	MATH 341
Modern Algebra w/ Apps or Modern Algebra		3	MATH 431 or MATH 531
Axiomatic Geometry or Transformations in Geometry		3	MATH 451 or MATH 453
Topic: High School Math from an Adv Viewpoint		3	MATH 575
Modern Algebra, Axiomatic or Transformational Geometry, Advanced Calculus, or Linear Algebra		3	MATH 431 or 531, MATH 451 or 453, MATH 521, or MATH 535
Intro Statistics for Physical Sciences Students, Intro Mathematical Statistics for Soc Sci & Ed, or Introduction to Mathematic Statistics I <b>and</b> II		3	IND ENG 367, MTHSTAT 465, or MTHSTAT 361 <b>and</b> 362
<b>Professional Education Coursework</b>			
Intro to Learning & Development	PSYCH-270	3	ED PSY 330
Intro Teaching Science in Middle & High School		3	CURRINS 328
Teaching of Math: Middle School		3	CURRINS 332
Cooperative Strategies Pre & Early Adolescents		2	CURRINS 510
Reading in the Content Area		3	CURRINS 545
Change and Change Strategies in Education		3	CURRINS 629
Alternative Assessment in Science & Math I		1	ED PSY 541
Cooperative Strategies Pre & Early Adolescents		1	CURRINS 510
Field Exp/Student Teaching in Middle School		3	CURRINS 516
Teaching of Mathematics: Secondary		3	CURRINS 532
Alternative Assessment in Science and Math II		1	ED PSY 542
Inclusion for Secondary Sci & Math Educators		1	EXCEDUC 536
Math and Science Methods for All Learners		1	EXCEDUC 537
Alternative Assessment in Science & Math III		1	ED PSY 543
Teaching Math and Science to All Learners		1	EXCEDUC 538
Student Teaching in Mathematics		9	CURRINS 431
Student Teaching Mathematics Seminar		1	CURRINS 432
<b>Total Credits (120 minimum)</b>		<b>120</b>	

A maximum of 72 credits may transfer from MATC to UWM.

\*Discuss GER options with advisor to see which are transferable.

\*\*Can be satisfied by satisfactory placement exam score or coursework. Foreign language may be met by 2 years of HS study.