TRANSFER GUIDE

Milwaukee Area Technical College (MATC) to
B.S. – Mathematics Education in the School of Education

Admission Guidelines

If you have completed 12 credits of transferable course work you will be considered for admission based on a review of your college records. If you have fewer than 12 transferable credits you may be considered for admission based on a review of both your high school and collegiate records.

Most admitted transfer students have a cumulative GPA of 2.0 or greater on all transferable coursework. Competency in English and mathematics is an important factor in the admission decision.

Please note that some selective programs (Peck School of the Arts, School of Architecture and Urban Planning, College of Engineering, 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.

Transfer Advisor Contact Information

Emilee Schultz
Email: emilee@uwm.edu
Office Phone: 414-229-5287
Web: www.uwm.edu/education

Enderis Hall 255
2400 E. Hartford Ave. Milwaukee, WI 53211

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.

	MATC coursework		UWM coursework	
GER requirements	See additional handout for MATC courses that fulfill the other GERs			
Oral and Written Part A	ENGLISH 201 (minimum C grade)	3	ENG 101	3
	ENGLISH 202 (minimum C grade)	3	ENG 102	3
Oral and Written Part B			ENGLISH 201 or CURRINS 234	3
Quantitative Literacy Part A	MATH 200 (minimum C grade)	3	MATH 105	3
Quantitative Literacy Part B	MATH 231 (minimum C grade)	4	MATH 231	4
Art (3 credits)	See GER worksheet	3		3
Humanities (6 credits)	SPEECH 201	3	COMMUN 103	3
	Literature (See GER worksheet)	3		3
Social Science (6 credits)	HIST 211 **or** 212	3	HISTORY 151 **or** 152	3
	SOCSCI 221 **or** 222	3	POLI SCI 104 **or** 105	3
	SOCSCI 212 **or** 211	3	ECON 103 **or** 104	3
Natural Science (9 credits) (one course must have a lab)		3	COMPSCI 250	3
	Biology (see GER worksheet)	3		3
	NATSCI 274	4	PHYSICS 209 and 214	5
Cultural Diversity / ACT 31	HIST 218 or 219	3	HIST 263 or 262	3
Foreign Language satisfied?				
PROFESSIONAL EDUCATION COURSEWORK				
Intro to Learning and Development	PSYCH 270	3	ED PSY 330	3
Introduction to Teaching Science in Middle and High School			CURRINS 328	3
Teaching of Math: Middle School			CURRINS 332	3
Cooperative Strategies for Pre & Early Adolescents			CURRINS 510	2
Reading in the Content Area			CURRINS 545	3
Change and Change Strategies in Education			CURRINS 629	3
Alternative Assessment in Science & Math I			ED PSY 541	1
Cooperative Strategies for Pre & Early Adolescents			CURRINS 510	1
Field Experience / Student Teaching in Middle School			CURRINS 516	3
Teaching of Mathematics: Secondary			CURRINS 532	3
Alternative Assessment in Science and Math II			ED PSY 542	1
Inclusion for Secondary Science and Math Educators			EXCEDUC 536	1
Math and Science Methods for All Learners			EXCEDUC 537	1
Alternative Assessment in Science & Math III			ED PSY 543	1
Teaching Math and Science to All Learners			EXCEDUC 538	1
Student Teaching in Mathematics			CURRINS 431	9
Student Teaching Mathematics Seminar			CURRINS 432	1
Mathematics Content Area				
Calculus I or Honors Calculus I	MATH 231	4	MATH 231 **or** 221	4
Calculus II or Honors Calculus II	MATH 232	4	MATH 232 **or** 222	4
Calculus III (*not required if student takes MATH 221 or 222*)	MATH 233	0-4	MATH 233	0-4
Linear Algebra and Differential Equations **or** Matrices and Applications			MATH 234 **or** 240	4
Seminar: Introduction to the Language and Practice of Mathematics			MATH 341	3
Modern Algebra with Applications or Modern Algebra			MATH 431 or 531	3
Axiomatic Geometry or Transformations in Geometry			MATH 451 or 453	3
Topic: High School Mathematics from an Advanced Viewpoint			MATH 575	3
Modern Algebra, Axiomatic or Transformational Geometry, Advanced Calculus, **or** Linear Algebra			Math 431 or 531, 451 or 453, 532, or 535	3
Choose one: Introductory Statistics for Physical Sciences Students, Introductory Mathematical Statistics for Social Sciences and Education, **or** Introduction to Mathematic Statistics I **and** II			IND ENG 367, MTHSTAT 465, **or** MATH STAT 361 **and** 362	3

** A maximum of 72 credits are transferrable to the University of Wisconsin-Milwaukee from MATC.