TRANSFER GUIDE

UWM @ Waukesha/Washington Co. to
Environmental Engineering – College of Engineering & Applied Science

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 note that the College of Engineering & Applied Science is a selective program and has additional requirements for admission into its majors.

We encourage students to utilize this guide to plan their coursework for their first and second semesters at the UWM Waukesha and Washington County campuses. 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.

Admission to College of Engineering & Applied Science Majors Requirements

1. Complete Calculus 1 with a C or better grade. (CGS MAT 221 at branch campuses)
2. Complete GER Oral and Written Communication Part A with a C or better grade. (CGS ENG 102 at branch campuses)
3. Complete CHEM 145 with a C or better or score satisfactorily on the chemistry placement test. (CGS CHE 145 at branch campuses)
4. Obtain a minimum GPA as set by the major department. A 3.00 GPA guarantees admission to any CEAS major.
5. Courses required by the major may be repeated only once. No more than two courses may be repeated.

Transfer Admissions Contact Information

UWM Office Phone: 414-229-2222
Email: undergraduateadmissions@uwm.edu

Department/School/College Advisor Contact Information

College of Engineering & Applied Science Student Services
Email: ceas-adv@uwm.edu
Phone: 414-229-4667
P.O. Box 784
3200 N Cramer
Milwaukee, WI 53201-0784
http://uwm.edu/engineering/current-students/advising/

	UWM @ Waukesha/Washington Co. CGS courses	Cr	UWM Main Campus courses
GER requirements		15	
Oral and Written Part A	Demonstrated competency*	0-3	Demonstrated competency*
Oral and Writ Part B/Humanities	CGS ENG 250	3	ENGLISH 215 substitute for ENGLISH 310
Quantitative Literacy Part A	Demonstrated competency*	0-4	Demonstrated competency*
Quantitative Literacy Part B	Met by math requirement below		Met by math requirement below
Art	Various options**	3	Various options**
Humanities	Various options**	3	Various options**
Social Science (6 credits)	Various options**	3	Various options**
	Various options**	3	Various options**
Natural Science (6 credits)	Met by coursework w/in major		Met by coursework w/in major
Cultural Diversity	May be fulfilled w/ art, humanities, or social sci course w/ diversity focus		May be fulfilled by art, humanities, or social sci course w/ diversity focus
Foreign Language	Demonstrated competency**	0-8	Demonstrated competency**
Engineering Core		30	
Computer Based Engr Analysis		3	CIV ENG 280
Intro to Engr Programming		3	COMPSCI 240
Intro to Solid Mechanics		4	CIV ENG 203
Professional Seminar		1	EAS 200
Intro to Engineering	CGS EGR 105	3	IND ENG 111
Engr Drawing & Comp Aided Design/Drafting	CGS EGR 110	3	IND ENG 112
Engineering Economic Analysis	CGS EGR 282	3	IND ENG 360
Engineering Materials		4	MATLENG 201
Basic Engr Thermodynamics	CGS EGR 263	3	MECHENG 301
Intro to Fluid Mechanics		3	MECHENG 320
Major Requirements		22	
Intro to Energy, Env & Sustain		3	CIV ENG 311
Engr Water Resources Design		3	CIV ENG 411
Applied Hydrology		3	CIV ENG 412
Environmental Engineering		3	CIV ENG 413
Water Supply and Sewage		3	CIV ENG 511
Water Quality Assessment		3	CIV ENG 521
Prin Civil Engineering Design		1	CIV ENG 494
Senior Design		3	CIV ENG 495
Math Requirements		16	
Calc & Analytic Geometry I	CGS MAT 221	4	MATH 231
Calc & Analytic Geometry II	CGS MAT 232	4	MATH 232
Calc & Analytic Geometry III	CGS MAT 233	4	MATH 233
Analytical Methods in Eng		4	ELECENG 234
Chemistry Requirement		5	
Gen Chem for Engineering	CGS CHE 165 (or CGS CHE 145 & 155)	5	CHEM 105 (or CHEM 102 & 104)
Physics Requirement		8	
Physics I & II (Calculus Based)	CGS PHY 209 & 210	8	PHYSICS 209 & 210
Biology Requirement		4	
Foundations in Biol Science I	CGS BIO 150	4	BIO SCI 150
Other Natural Sciences		3	
Geosciences,		3	Any GEO SCI 150-level or above,
Biological Sciences, or	CGS BIO 152 or 202		Any BIO SCI 150 or above, or
Atmospheric Sciences			Any ATM SCI 150-level or above
Technical Electives		15	
Consult an engineering advisor for the best technical elective options based on your career/degree goals.			
Total Credits = minimum 125		125	

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

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