



# TRANSFER GUIDE

## College of Lake County to Computer Science BS – College of Engineering & Applied Science

### **UWM 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 while at College of Lake County. We highly recommend that students who are interested in transferring contact an Engineering Transfer Advisor for more information about additional requirements of specific academic programs.

### **College of Engineering & Applied Sciences Admission Requirements**

1. Complete Calculus 1 with a C or better grade. (MTH 145 or 224 at CLC)
2. Obtain a minimum grade point as set by the major department. A 3.00 GPA guarantees admission to any CEAS major.

### **Transfer Admissions Contact Information**

UWM Office Phone: 414-229-2222

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

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

College of Engineering & Applied Science Student Services

Phone: 414-229-4667

Email: [ceas-adv@uwm.edu](mailto:ceas-adv@uwm.edu)

P.O. Box 784

3200 N. Cramer

Milwaukee, WI 53201-0784

<http://uwm.edu/engineering/current-students/advising/>

	College of Lake Co. coursework	Cr.	UWM course
<b>GER requirements</b>			
Oral and Written Part A	ENG 122 <sup>^</sup>	0-3	ENGLISH 102 <sup>^</sup>
Oral and Written Part B		3	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
Foreign Language	Demonstrated competency*	0-8	Demonstrated competency*
Art	Various options**	3	Various options**
Humanities (3 additional credits)	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	Met by above w/ diversity focus**	--	Met by above w/ diversity focus**
<b>Major Requirements</b>			
Intro Computer Programming	MCS 141 <sup>^</sup>	3	COMPSCI 250 <sup>^</sup>
Intermediate Computer Program	MCS 142 <sup>^</sup>	3	COMPSCI 251 <sup>^</sup>
Discrete Information Structures	MTH 244 <sup>^</sup>	3	COMPSCI 317 <sup>^</sup>
System Programming		3	COMPSCI 337
Data Structures & Algorithms		3	COMPSCI 351
Intro Software Engineering		3	COMPSCI 361
Social, Prof. & Ethical Issues		3	COMPSCI 395
Programming Lang Concepts		3	COMPSCI 431
Computer Architecture		3	COMPSCI 458
Algorithm Design & Analysis		3	COMPSCI 535
Intro to Operating Systems		3	COMPSCI 537
Capstone Project Prep		1	COMPSCI 594
Capstone Project		3	COMPSCI 595
Professional Seminar	EGR 120	1	EAS 200
<b>Math Requirement</b>			
4 credits needed	MTH 145 <sup>^</sup> or 224 <sup>^</sup>	4-5	MATH 231 <sup>^</sup> or 211 <sup>^</sup>
<b>Natural Science Requirement</b>			
6 credits; 1 lab credit required.	Consult an engineering advisor for the best natural science options based on your career/degree goals.		
<b>Technical Electives</b>			
9 credits	Consult a UWM engineering advisor for the best technical elective options based on your career/degree goals.		
<b>Applied Math Electives</b>			
9 credits	Consult a UWM engineering advisor for the best math options based on your career/degree goals.		
<b>Free Electives</b>			
Up to 39 credits	Consult a UWM engineering advisor for exact elective needs and options.		
<b>Total Credits = 120 credits</b>		<b>120</b>	

A maximum of 72 credits are transferrable to the University of Wisconsin-Milwaukee from two-year technical colleges.

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

\*\*Consult [Transferology](#), [TED](#), or discuss GER options with an advisor to see which courses are most appropriate.

<sup>^</sup> C or better grade required

<sup>^^</sup> C- or better grade required