



# TRANSFER GUIDE

## Elgin Community College to Computer Science BA – 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 for their first and second semesters. 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.

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

1. Complete Calculus 1 with a C or better grade. (MTH 190 at Elgin CC)
2. Complete GER Oral and Written Communication Part A. (ENG 102 at Elgin CC)
3. Complete Comp Sci sequence with a C or better grade in CIS 226 Computer Science III at Elgin CC.

### **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

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

	Elgin CC coursework	Cr.	UWM course
<b>GER requirements</b>			
Oral and Written Part A	ENG 102* ^	0-3	ENGLISH 102* ^
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>			
Survey of Computer Science	CIS 105	4	COMPSCI 150
Intro Computer Programming	CIS 121, 223, & 226@^	3	COMPSCI 250^
Intermediate Computer Program	CIS 121, 223, & 226@^	3	COMPSCI 251^
Discrete Information Structures	CIS 127^	3	COMPSCI 317
Data Structures & Algorithms	CIS 121, 223, & 226@^	3	COMPSCI 351
Social, Prof. & Ethical Issues		3	COMPSCI 395
Computer Architecture		3	COMPSCI 458
Professional Seminar		1	EAS 200
COMPSCI 300 lever course of higher		3	COMPSCI 300 lever course of higher
COMPSCI 300 lever course of higher		3	COMPSCI 300 lever course of higher
COMPSCI 300 lever course of higher		3	COMPSCI 300 lever course of higher
COMPSCI 300 lever course of higher		3	COMPSCI 300 lever course of higher
<b>Math Requirement</b>			
4 credits needed	MTH 126^ or 133^	4	MATH 211^ or 231^
<b>Additional Major or Two Minors of Area of Concentration</b>			
Complete an additional major or two minor areas of concentration.			
A minor area of concentration can be completed by the following:			
*As Associates Degree at UWM or another school (must be noted on your transcripts)			
*A declared UWM Minor			
*A declared UWM Certificate			
*At least 15 credits of coursework in a single curricular code (other than COMPSCI) of which at least 6 credits are at the 300 level or higher			
An additional major or minor area cannot overlap with more than 6 credits of COMPSCI coursework.			
<b>Free Electives</b>			
Consult a UWM engineering advisor for exact elective needs and options.		30-40	
<b>Total Credits = 120 credits</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.

^ C or better grade required

^^ C- or better grade required

@^All three courses at Elgin CC (CIS 121, 223, & 226) must be completed with C or better grades to earn credits for COMPSCI 250, 251, & 351 at UWM.