



## TRANSFER GUIDE

### Harper College to Computer Science – College of Engineering & Applied Science

#### **University of Wisconsin-Milwaukee 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 the College of Engineering & Applied Science is a selective program and has additional requirements for admission into their majors.***

We encourage students to utilize this guide to plan their coursework for their first and second semesters at Harper College. 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 200 at Harper)
2. Complete GER Oral and Written Communication Part A. (ENG 102 at Harper).
3. Complete Comp Sci 251 with a C or better grade.
4. Obtain a minimum grade point 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 Admission Advisor Contact Information**

Joel Buschmann  
Email: buschma2@uwm.edu  
Phone: 414-229-4318

#### **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/>

	Harper College course		UWM course	
<b>GER requirements</b>				
Oral and Written Part A	ENG 102 (C or better grade)	0	ENG 102	0
Oral and Written Part B	None	0	ENG 310	3
Art*		3		3
Humanities*		3		3
Social Science*		3		3
Communications 105	None	3	COMMUN 105	3
Cultural Diversity*		0		0
Foreign Language				
Totals		12		15
<b>Major Requirements</b>				
	CSC 121 (C or better grade)*	4	COMPSCI 250	3
	CSC 122 (C or better grade)*	4	COMPSCI 251	3
	CSC 217 (C or better grade)	4	COMPSCI 315	3
	None		COMPSCI 317	3
	None		COMPSCI 337	3
	CSC 216 (C or better grade)*	4	COMPSCI 351	3
	None		COMPSCI 361	3
	None		COMPSCI 395	3
	None		COMPSCI 417	3
	None		COMPSCI 431	3
	None		COMPSCI 458	3
	None		COMPSCI 520	3
	None		COMPSCI 535	4
	None		COMPSCI 537	3
	None		COMPSCI 595	4
	None		EAS 200	3
	EGR 270	4	ELECENG 354	3
Totals		20		50
<b>Math Requirements</b>				
4 credits needed	MTH 200 (C or better grade)	5	MATH 231	4
	MTH 134 (C or better grade)	4	MATH 211	4
Totals		4		4
<b>Natural Science Requirement</b>				
12 credits needed-one sequence of coursework is needed	BIO 115 & BIO 116	8	BIO SCI 150 & BIO SCI 152	8
	BIO 160 & BIO 161	8	BIO SCI 202 & BIO SCI 203	8
	CHM 121 & CHM 122	10	CHEM 102 & CHEM 104	10
	PHY 121 & PHY 122	10	PHYSICS 120, 121, 122 & 123	10
	PHY 201 & PHY 202	10	PHYSICS 209, 210, 214 & 215	10
	One Additional Natural Science	3-4	One Additional Natural Science	3-4
Totals		12		12
<b>Technical Electives</b>				
12 credits needed	None		15 credits	15
Totals		0		15
<b>Applied Math Electives</b>				
9 credits needed	MTH 124	3	MATH 205	3
	MTH 201	5	MATH 232	4
	MTH 202	5	MATH 233	4
	MTH 212	4	MATH 234	4
Total		9		9
<b>Free Electives</b>				
Variable credits needed to bring your credit total to 120 credits.				
<b>Total Credits minimum 120</b>				

\*All 3 courses must be taken at Harper College to earn transfer credit for COMPSCI 250, COMPSCI 251 and COMPSCI 351.