



## TRANSFER GUIDE

Harper College to

Biomedical Engineering – 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 Chem 100 with a C or better grade or satisfactory score on the placement test. (CHM 111 at Harper)
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
Social Science*		3		3
Cultural Diversity*		0		0
Foreign Language				
Totals		12		15
<b>Engineering Core</b>				
	None		BME 101	3
	EGR 210	3	CIV ENG 201	3
	EGR 211	3	CIV ENG 202	3
	None	0	EAS 200	1
	EGR 260	4	ELECENG 301	3
	None		ELECENG 305	4
	None		MATLENG 201	4
	None		MECHENG 101	2
	EGR 240	3	MECHENG 301	3
Totals		13		26
<b>Major Requirements</b>				
	BIO 160	4	BIO SCI 202	4
	BIO 161	4	BIO SCI 203	4
	None		BIO SCI 465 or IND ENG 367	3
	None		BME 302	4
	None		BME 305	3
	None		BME 320	4
	None		BME 325	3
	None		BME 385	3
	None		BME 495	3
	None		BME 595	4
	None		ELECENG 310	3
Totals		8		38
<b>Math Requirements</b>				
	MTH 200 (C or better grade)	5	MATH 231	4
	MTH 201 (C or better grade)	5	MATH 232	4
	MTH 202	5	MATH 233	4
	None	0	ELECENG 234	4
Totals		15		16
<b>Physics Requirements</b>				
	PHY 201	5	PHYSICS 209 & 214	5
	PHY 202	5	PHYSICS 210 & 215	5
Totals		10		10
<b>Technical Electives</b>				
15 credits needed	BIO 115	4	BIO SCI 150	4
	BIO 116	4	BIO SCI 152	4
	CHM 121	5	CHEM 102	5
	CHM 122	5	CHEM 104	5
	CHM 204	5	CHEM 343	3
	CHM 205	5	CHEM 344	3
	CHM 205	5	CHEM 345	3
	EGR 212	3	CIV ENG 303	3
		15		15
<b>Total Credits minimum 120</b>				