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.

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 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. (MATH 221 at UW-Parkside)
2. Complete GER Oral and Written Communication Part A with a C or better grade. (ENGLISH 201 at UW-Parkside)
3. Complete General Chemistry 1 with a C or better or score satisfactorily on the chemistry placement test. (CHEM 101 at UW-Parkside)
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/

Updated 10/2021
## General Education Requirements (GER)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>UW-Parkside courses</th>
<th>Cr.</th>
<th>UWM coursework</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral and Written Comm Part A</td>
<td>ENGLISH 201^</td>
<td>0-3</td>
<td>ENGLISH 102^</td>
</tr>
<tr>
<td>Oral and Written Comm Part B/Humanities</td>
<td>ENGLISH 167</td>
<td>3</td>
<td>ENGLISH 250 (sub for 310)</td>
</tr>
<tr>
<td>Quantitative Literacy Part A</td>
<td>Demonstrated competency*</td>
<td>0-4</td>
<td>Demonstrated competency*</td>
</tr>
<tr>
<td>Quantitative Literacy Part B</td>
<td>Met by math requirement below</td>
<td>--</td>
<td>Met by math requirement below</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>Demonstrated competency*</td>
<td>0-8</td>
<td>Demonstrated competency*</td>
</tr>
<tr>
<td>Art</td>
<td>Various options**</td>
<td>3</td>
<td>Various options**</td>
</tr>
<tr>
<td>Humanities (3 additional credits)</td>
<td>Various options**</td>
<td>3</td>
<td>Various options**</td>
</tr>
<tr>
<td>Social Science (6 credits)</td>
<td>Various options**</td>
<td>3</td>
<td>Various options**</td>
</tr>
<tr>
<td>Natural Science (6 credits)</td>
<td>Met by coursework w/in major</td>
<td>--</td>
<td>Met by coursework w/in major</td>
</tr>
<tr>
<td>Cultural Diversity</td>
<td>Met by above w/ diversity focus**</td>
<td>--</td>
<td>Met by above w/ diversity focus**</td>
</tr>
</tbody>
</table>

## Engineering Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Cr.</th>
<th>UWM coursework</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Solid Mechanics</td>
<td>4</td>
<td>CIV ENG 203</td>
</tr>
<tr>
<td>Dynamics</td>
<td>3</td>
<td>CIV ENG 202^</td>
</tr>
<tr>
<td>Professional Seminar</td>
<td>1</td>
<td>EAS 200</td>
</tr>
<tr>
<td>Engineering Materials</td>
<td>4</td>
<td>MATLENG 201</td>
</tr>
<tr>
<td>Basic Engineering Thermodynamics</td>
<td>3</td>
<td>MECHENG 301</td>
</tr>
</tbody>
</table>

## Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Cr.</th>
<th>UWM coursework</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro Stats for Phys Sci &amp; Engr</td>
<td>1</td>
<td>IND ENG 367</td>
</tr>
<tr>
<td>Materials/Process Manufacturing</td>
<td>3</td>
<td>MATLENG 330</td>
</tr>
<tr>
<td>Computational Tools for Engr</td>
<td>2</td>
<td>MECHENG 101</td>
</tr>
<tr>
<td>Engineering Fundamentals I</td>
<td>4</td>
<td>MECHENG 110</td>
</tr>
<tr>
<td>Engineering Fundamentals II</td>
<td>3</td>
<td>MECHENG 111</td>
</tr>
<tr>
<td>Computer Aided Engineering Lab</td>
<td>2</td>
<td>MECHENG 270</td>
</tr>
<tr>
<td>Intro to Dynamic Systems</td>
<td>3</td>
<td>MECHENG 302</td>
</tr>
<tr>
<td>Basic Heat Transfer</td>
<td>4</td>
<td>MECHENG 321</td>
</tr>
<tr>
<td>Intro to Fluid Mechanics</td>
<td>4</td>
<td>MECHENG 324</td>
</tr>
<tr>
<td>Mechanical Design I</td>
<td>3</td>
<td>MECHENG 360</td>
</tr>
<tr>
<td>Design of Machine Elements 1</td>
<td>3</td>
<td>MECHENG 364</td>
</tr>
<tr>
<td>Adv Mech of Materials &amp; Dsgn Machine Elements 2</td>
<td>3</td>
<td>MECHENG 368</td>
</tr>
<tr>
<td>Intro to Mechatronic</td>
<td>3</td>
<td>MECHENG 379</td>
</tr>
<tr>
<td>Mechanical Engr Experimentation</td>
<td>3</td>
<td>MECHENG 438</td>
</tr>
<tr>
<td>Product Realization or Senior Design Project</td>
<td>3</td>
<td>MECHENG 405 or MECHENG 496</td>
</tr>
</tbody>
</table>

## Math Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Cr.</th>
<th>UWM coursework</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calc &amp; Analytic Geometry I</td>
<td>4</td>
<td>MATH 221^</td>
</tr>
<tr>
<td>Calc &amp; Analytic Geometry II</td>
<td>4</td>
<td>MATH 222^</td>
</tr>
<tr>
<td>Calc &amp; Analytic Geometry III</td>
<td>4</td>
<td>MATH 223</td>
</tr>
<tr>
<td>Analytical Methods in Engr</td>
<td>4</td>
<td>MATH 317^</td>
</tr>
<tr>
<td>Chemistry Requirement</td>
<td></td>
<td>CHEM 101</td>
</tr>
<tr>
<td>Physics Requirement</td>
<td></td>
<td>CHEM 102</td>
</tr>
</tbody>
</table>

## Chemistry Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Cr.</th>
<th>UWM coursework</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 1</td>
<td>5</td>
<td>PHYSICS 201^</td>
</tr>
<tr>
<td>Physics 2</td>
<td>5</td>
<td>PHYSICS 202</td>
</tr>
</tbody>
</table>

## Physics Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Cr.</th>
<th>UWM coursework</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 1</td>
<td>5</td>
<td>PHYSICS 209^ &amp; 214</td>
</tr>
<tr>
<td>Physics 2</td>
<td>5</td>
<td>PHYSICS 210 &amp; 215</td>
</tr>
</tbody>
</table>

## Free Electives

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Cr.</th>
<th>UWM coursework</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consult a UWM engineering advisor for exact elective needs and options.</td>
<td>0-15</td>
<td></td>
</tr>
</tbody>
</table>

## Total Credits = minimum 120

120

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