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. (MTH 145 at CLC)
2. Complete GER Oral and Written Communication Part A. (ENG 122 at CLC)
3. Complete Intro to Chem with a C or better grade or satisfactory score on the placement test. (CHM 120 at CLC)
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 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/
<table>
<thead>
<tr>
<th>General Education Requirements (GER)</th>
<th>CLC coursework</th>
<th>Cr.</th>
<th>UWM coursework</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral and Written Comm Part A</td>
<td>ENG 122^</td>
<td>0-3</td>
<td>ENGLISH 102^</td>
</tr>
<tr>
<td>Oral and Written Comm Part B/Humanities</td>
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<td></td>
<td>ENGLISH 310</td>
</tr>
<tr>
<td>Quantitative Literacy Part A</td>
<td>Demonstrated competency*</td>
<td>0-4</td>
<td>Demonstrated competency*</td>
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<tr>
<td>Quantitative Literacy Part B</td>
<td>Met by math requirement below</td>
<td>--</td>
<td>Met by math requirement below</td>
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<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>
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</tbody>
</table>

### Engineering Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Intro to Solid Mechanics</td>
<td>6</td>
</tr>
<tr>
<td>Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>Professional Seminar</td>
<td>1</td>
</tr>
<tr>
<td>Engineering Materials</td>
<td>4</td>
</tr>
<tr>
<td>Basic Engineering Thermodynamics</td>
<td>3</td>
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</tbody>
</table>

### Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro Stats for Phys Sci &amp; Engr</td>
<td>3</td>
</tr>
<tr>
<td>Materials/Process Manufacturing</td>
<td>3</td>
</tr>
<tr>
<td>Computational Tools for Engr</td>
<td>2</td>
</tr>
<tr>
<td>Engineering Fundamentals I</td>
<td>4</td>
</tr>
<tr>
<td>Engineering Fundamentals II</td>
<td>3</td>
</tr>
<tr>
<td>Computer Aided Engineering Lab</td>
<td>2</td>
</tr>
<tr>
<td>Intro to Dynamic Systems</td>
<td>3</td>
</tr>
<tr>
<td>Basic Heat Transfer</td>
<td>4</td>
</tr>
<tr>
<td>Intro to Fluid Mechanics</td>
<td>4</td>
</tr>
<tr>
<td>Mechanical Design I</td>
<td>3</td>
</tr>
<tr>
<td>Design of Machine Elements 1</td>
<td>3</td>
</tr>
<tr>
<td>Adv Mech of Materials &amp; Dsgn Machine Elements 2</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Mechatronic</td>
<td>3</td>
</tr>
<tr>
<td>Mechanical Engr Experimentation</td>
<td>3</td>
</tr>
<tr>
<td>Product Realization or Senior Design Project</td>
<td>3</td>
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</tbody>
</table>

### Math Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Calc &amp; Analytic Geometry I</td>
<td>5</td>
</tr>
<tr>
<td>Calc &amp; Analytic Geometry II</td>
<td>4</td>
</tr>
<tr>
<td>Calc &amp; Analytic Geometry III</td>
<td>5</td>
</tr>
<tr>
<td>Analytical Methods in Engr</td>
<td>4</td>
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</table>

### Chemistry Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 1</td>
<td>5</td>
</tr>
</tbody>
</table>

### Physics Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 1</td>
<td>5</td>
</tr>
<tr>
<td>Physics 2</td>
<td>5</td>
</tr>
</tbody>
</table>

### Free Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consult a UWM engineering advisor for exact</td>
<td>0-15</td>
</tr>
<tr>
<td>elective needs and options.</td>
<td></td>
</tr>
<tr>
<td>Total Credits = minimum 120</td>
<td>120</td>
</tr>
</tbody>
</table>

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](https://www.uwm.edu) or discuss GER options with an advisor to see which courses are most appropriate.

\(^{\text{a}}\) C or better grade required

\(^{\text{b}}\) C- or better grade required

Updated 10/2021