Academic Planning Worksheet for Industrial & Systems Engineering

This worksheet is designed to help you learn about and plan for admission to your intended major and University general education requirements. As progress toward your intended major is a factor in transfer admission review, this information is also a part of the transfer admission application. More info: admit.washington.edu

1. The Major

Major Profile
In the admission decision for this and every major, a wide range of factors are taken into consideration. The profile should not be used to overstate the importance of grades in the admission decision for academic majors but it may offer some guidance as you plan for transfer.

Undergraduates in IND E, as of Autumn 2014 ........ 130

...from Washington community colleges:

Entering Transfer GPA
3.75-4.00 ........................................6
3.50-3.74 ........................................8
3.25-3.49 .........................................4
3.00-3.24 .........................................2
2.75-2.99 .........................................1
2.50-2.74 .........................................0
2.49 and below .................................0

Total from Washington community colleges............. 21

Department Admission Information

Admission to this major is competitive. Completion of prerequisites does not guarantee admission.

Must have completed 45 credits by application deadline, which is July 1st for autumn admission.

The application form is available at: http://engr.washington.edu/uapp.

Visit the general catalog for more information on this major: www.washington.edu/students/gencat/academic/industrial_eng.html

Courses Required for Admission to Major

Directions: Record the courses you have taken, are taking, or plan to take prior to UW enrollment that you believe are equivalent to the UW course requirements listed below.

<table>
<thead>
<tr>
<th>UW Course</th>
<th>Dept. Prefix &amp; Number</th>
<th>Term/Year</th>
<th>Credits</th>
<th>Grade, In Progress (IP) or Projected (P)</th>
<th>College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: MATH 124 – Calc I</td>
<td>MATH&amp; 151</td>
<td>AUT 08</td>
<td>5</td>
<td>A-</td>
<td>BC</td>
</tr>
<tr>
<td>MATH 124 NW QSR - Calc Analytic Geometry I</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 125 NW QSR - Calc Analytic Geometry II</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 126 NW QSR - Calc Analytic Geometry III</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 142 NW QSR - General Chemistry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 152 NW - General Chemistry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 121 NW Q/SR – Mechanics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 122 NW - Electromagnetism &amp; Oscillatory Motion</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 123 NW – Waves</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English composition C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional Information:
Completion of 45 credits by department application deadline.

TIP: To find courses at your community college equivalent to the prerequisites listed, use the Equivalency Guide for Washington Community & Technical Colleges, admit.washington.edu/BeforeYouApply/TransferPlan/EquivalencyGuide. In order to compare course titles and descriptions from your current school to those offered at the UW, visit www.washington.edu/students/crscat.
2. General Education & Basic Skills Requirements for the College of Engineering

This major is in the College of Engineering, and these are requirements for graduation from that college. You'll find that many of them overlap with prerequisites for the major and requirements for an associate degree. However, completion of the associate degree does not in itself guarantee completion of UW general education or basic skills requirements so it is in your best interest to work these into your schedule before you transfer. More info: http://www.washington.edu/uaa/advising/degreeplanning/gereqs.php

Directions: Record the courses you have taken, are taking, or plan to take prior to UW enrollment that you believe are equivalent to the UW course requirements listed below.

General Education Requirements

<table>
<thead>
<tr>
<th>UW Course</th>
<th>Dept. Prefix &amp; Number</th>
<th>Term/Year</th>
<th>Credits</th>
<th>Grade, In Progress (IP) or Projected (P)</th>
<th>College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: MATH 124 – Calculus I</td>
<td>MATH&amp; 151</td>
<td>AUT 08</td>
<td>5</td>
<td>A-</td>
<td>BC</td>
</tr>
</tbody>
</table>

English Composition C, 5 credits

Additional Writing W, HCDE 231, 3 credits and INDE 337, 4 credits or department approved alternative.

Areas of Knowledge AoK - To graduate, students complete credits among the three areas listed below. Students entering the University of Washington must also meet a Diversity requirement. These credits simultaneously satisfy other Area of Knowledge requirements and do not add to the total number of credits you need to graduate. For more information, go to: http://www.washington.edu/uaa/advising/general-education-requirements/diversity/

Natural World NW (Natural Sciences)

Individuals & Societies I&S (Social Sciences)

Visual, Literary & Performing Arts VLPA (Humanities)