# PUGET SOUND COURSE CHECKLIST
MATHEMATICS/Dual Degree Engineering

<table>
<thead>
<tr>
<th>UNIVERSITY CORE</th>
<th>Crs</th>
<th>Term</th>
<th>Grade</th>
<th>MAJOR</th>
<th>Units</th>
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<th>Grade</th>
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<tbody>
<tr>
<td>WR</td>
<td></td>
<td></td>
<td></td>
<td>Math 180</td>
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<td>SI</td>
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<td>Math 181</td>
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<tr>
<td>FN</td>
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<td>Math 280</td>
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<tr>
<td>HM</td>
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<td>Math 290</td>
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<tr>
<td>MA (Math 180, 181, CSci 161)</td>
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<td></td>
<td></td>
<td>CSci 161</td>
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<tr>
<td>NS (Phys 121)</td>
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<td></td>
<td></td>
<td>Math 300-400 level:</td>
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<tr>
<td>SL</td>
<td></td>
<td></td>
<td></td>
<td>1. Math 301 (see below)</td>
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<tr>
<td>CN</td>
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**Foreign Language Requirement (circle one)**

1) Two semesters at 101/102 level or one semester at 200 level or above
2) Proficiency exam at 3rd year high school level or 1st year college level
3) AP foreign language score of 4 or 5, or IB higher level foreign language score of 5, 6 or 7

**Additional DDE Requirements:**

4) Math 301
5) Phys 121
6) Phys 122
7) Chem 110
8) Chem 230

**Upper Division Level Requirement**

Three units of coursework at the upper division level outside the first major.

**KEY**

WR = Writing & Rhetoric
SI = Scholarly & Creative Inquiry
FN = Fine Arts Approaches
HM = Humanistic Approaches
MA= Mathematical Approaches
NS = Natural Scientific Approaches
SL = Social Scientific Approaches
CN = Connections
FL = Foreign Language

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THIS FORM IS NOT AN OFFICIAL GRADUATION ANALYSIS.

**NOTES:**

This guide is based on the Mathematics Department’s contract major requirements.

1) When choosing upper division math courses, consider Math 302 (Partial Differential Equations), Math 335 (Optimization), and Math 471 (Modeling).

2) Both Columbia University and Washington University (St. Louis) have specific requirements that can be met by choosing core classes appropriately. See the Dual Degree Engineering requirements.

3) Majors must maintain a minimum of 2.0 GPA in all contract courses and in all upper-division courses. At least 4 units of upper-division courses must be completed at Puget Sound. All contracts must meet specific requirements (see Bulletin) and will normally include Math 180, 181, 280, 290. A grade of C- or better is required in all prerequisite courses in Math and Computer Science.