Two Year Degree Pathway for Students Required to Complete Developmental Math or English

This course sequence is designed for students who are placed into developmental English, Reading, or Mathematics. The plan allows for completing the degree in 2 years through the use of the winter and summer terms and the Accelerated Learning Program (ALP). Students following this plan will prepare for college-level work by taking corequisite developmental courses (MA-321 ALP and BE-102, BE-112, or BE-122) along with MA-321 and ENGL-101. Students must see their advisor to register for the ALP sections of those courses. Additional Degree Pathways are available for students who place into other levels of mathematics. Please see the degree website or your advisor for more information.

Courses in **Bold Text** are prerequisites for later courses or only offered in the Fall or Spring semester and should be taken where indicated in the sequence.

### Fall Semester #1

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisites and Corequisites¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101 English Composition I (ALP section) (Required Core 1A – English Composition)</td>
<td>3</td>
<td>Corequisite: Must be enrolled in an ALP section of BE-102, BE-112, or BE-122</td>
</tr>
<tr>
<td>BE-102, BE-112, or BE-122 (ALP section)</td>
<td>0 (4 eq.)</td>
<td>Corequisite: Must be enrolled in an ALP section of ENGL-101</td>
</tr>
<tr>
<td>MA-321 Mathematics in Contemporary Society</td>
<td>3 (2 eq.)</td>
<td>Corequisite for MA-321: Must be enrolled in MA-321 ALP</td>
</tr>
<tr>
<td>MA-321 ALP Mathematics in Contemporary Society</td>
<td>0 (2 eq.)</td>
<td>Corequisite for MA-321 ALP: Must be enrolled in MA-321</td>
</tr>
<tr>
<td>ET-710 Web Technology I: Building and Maintaining Web Sites</td>
<td>3</td>
<td>None</td>
</tr>
</tbody>
</table>

Total credits for the term: 9 + 6 eq.

### Spring Semester #1

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisites and Corequisites¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-102 English Composition II (Required Core 1A - English Composition)</td>
<td>3</td>
<td>Prerequisite: ENGL-101 or placement</td>
</tr>
<tr>
<td>ET-504 Operating Systems and System Deployment</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>ET-704 Networking Fundamentals I</td>
<td>4</td>
<td>None</td>
</tr>
<tr>
<td>ET-712 Web Client Programming: JavaScript</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>Major Elective: Select from ET-375, ET-481, ET-506, ET-540, ET-570, ET-580, ET-585, ET-714, ET-728, ET-991, ET-992. ET-570, ET-714, and ET-728 are highly recommended.</td>
<td>3</td>
<td>Check individual courses for prerequisites and corequisites</td>
</tr>
</tbody>
</table>

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### Summer Session – Eligible students may apply for a STEM Tuition Waiver to help with the summer term tuition

<table>
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<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisites and Corequisites¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>One course from Required Core 1C: Life &amp; Physical Sciences</td>
<td>3-4</td>
<td>Check individual courses for prerequisites and corequisites</td>
</tr>
<tr>
<td>Science Laboratory course</td>
<td>0-1</td>
<td>Corequisite: 3-credit Science course in Required Core 1C</td>
</tr>
<tr>
<td>One History or Social Science course from Flexible Core 2A, 2B, 2D, or 2E – (HIST-100 series, ANTH, CRIM-101 or 102, ECON, PLSC, PSYC, or SOCY)³</td>
<td>3</td>
<td>Check individual courses for prerequisites and corequisites</td>
</tr>
<tr>
<td>ECON-101 and ECON-102 are highly recommended.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total credits for session** 7

### Fall Semester #2

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisites and Corequisites¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-705 Networking Fundamentals II</td>
<td>4</td>
<td>Prerequisite: ET-704</td>
</tr>
<tr>
<td>ET-718 Database Technology</td>
<td>3</td>
<td>Prerequisite: ET-710</td>
</tr>
<tr>
<td>ET-720 Advanced Web &amp; Multimedia Programming Applications</td>
<td>1</td>
<td>Prerequisite: ET-710</td>
</tr>
<tr>
<td>Major Elective: Select from ET-375, ET-481, ET-506, ET-540, ET-570, ET-580, ET-585, ET-714, ET-728, ET-991, ET-992. ET-570, ET-714, and ET-728 are highly recommended.</td>
<td>3</td>
<td>Check individual courses for prerequisites and corequisites</td>
</tr>
<tr>
<td>One History or Social Science course from Flexible Core 2A, 2B, 2D, or 2E – (HIST-100 series, ANTH, CRIM-101 or 102, ECON, PLSC, PSYC, or SOCY)³</td>
<td>3</td>
<td>Check individual courses for prerequisites and corequisites</td>
</tr>
<tr>
<td>ECON-101 and ECON-102 are highly recommended.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total credits for the term** 14

### Spring Semester #2

<table>
<thead>
<tr>
<th>Courses</th>
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<th>Prerequisites and Corequisites¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-575 Introduction to C++ Programming Design &amp; Implementation</td>
<td>3</td>
<td>Corequisite: MA-114, MA-119, or MA-440</td>
</tr>
<tr>
<td>ET 725 Computer Network Security</td>
<td>3</td>
<td>Prerequisite: ET-704 or permission of the department</td>
</tr>
<tr>
<td>ET-716 Java Programming Technology</td>
<td>4</td>
<td>Prerequisites: ET-710 and ET-712</td>
</tr>
<tr>
<td>Major Elective: Select from ET-375, ET-481, ET-506, ET-540, ET-570, ET-580,</td>
<td>2</td>
<td>Check individual courses for prerequisites and corequisites</td>
</tr>
</tbody>
</table>

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### Courses

<table>
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<tr>
<th>Courses</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ET-585, ET-714, ET-728, ET-991, ET-992, ET-570, ET-714, and ET-728 are highly recommended.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexible Core 2A, 2B, 2C, or 2D — Select one humanities course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Total credits for the term</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Total credits required for the A.A.S. degree</td>
<td>60</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**

1. Prerequisites for a course must be passed before taking the course. Corequisites must be passed before taking the course or taken in the same term as the course.
2. Students are required to take particular courses in some areas of the Common Core that fulfill both general education and major requirements. If students do not take the required courses in the Common Core, they will have to take additional credits to complete their degree requirements.
3. This course is not required for students who take a 4-credit STEM variant course in Required Core 1C.

All students must complete two (2) WI designated classes to fulfill degree requirements.