# Recommended First Year Courses

**Major: Math and Civil Engineering**

<table>
<thead>
<tr>
<th>Fall 2020</th>
<th>Spring 2021</th>
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<tbody>
<tr>
<td>FFC 100(^1) (3)</td>
<td>SCI 150 (1)</td>
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<td>CPSC 230 (3)</td>
<td>CPSC 231 (3)</td>
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<tr>
<td>MATH 115(^2,6) (4) OR</td>
<td>MATH 116 (4) OR</td>
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<tr>
<td>MATH 110(^2,5) (3)</td>
<td>MATH 111 (3)</td>
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<td>CHEM 140/L (4)</td>
<td>CHEM 150/L (4)</td>
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<td>MATH 250 (3)</td>
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**Notes:**

1) All new first years are required to complete a First-year Foundations Course [FFC 100] in their first year of enrollment. It is recommended you enroll in this class in your first semester as a larger number of course sections and topics are available in the fall semester.

2) Majors must complete one of the two calculus course sequences offered:
   - Option 1: Math 115 (4 units) + Math 116 (4 units) [recommended]
   - Option 2: Math 110 (3 units) + Math 111 (3 units) + Math 210 (3 units)

3) If your schedule allows for an additional General Education (GE) course, you can choose a GE class from ANY GE category – it’s your choice!
   In general, the following GE areas are recommended to begin/complete during the first year:
   - **GE Language Study (strongly recommended)**
   - GE Written Inquiry
   - GE Quantitative Inquiry (can be satisfied with MATH 110, MATH 111, MATH 115 or appropriate AP credit)

   **Note:** Some GE courses may “double count” with your major or minor. Visit [www.chapman.edu/GE](http://www.chapman.edu/GE) to review the GE policies and see a list of approved courses for each GE area.

4) In their first semester, students typically take 12-15 credits (most classes are 3 credits; those with labs are 4). 12 credits are required to be in full-time status.

5) First year students who place into Math 100/L (Learning and Studying Mathematics for Understanding I, with a required lab component) are required to take Math in their first term. For more information, visit [http://www.chapman.edu/intro-math](http://www.chapman.edu/intro-math).

6) Prerequisite for MATH 110 is MATH 101/L (Learning and Studying Mathematics for Understanding II, with a required lab component). If you need MATH 101/L, it is recommended to take MATH 101/L in the fall and MATH 110 in the spring. Please see the Math Placement Website [http://www.chapman.edu/intro-math](http://www.chapman.edu/intro-math) for more information on the Placement Exam.

7) If you have AP credit for the following areas, make the appropriate substitutions this fall:
   - Score of 4 in AP Calculus AB or a 3 in Calculus BC: Take MATH 111 in the fall instead of MATH 115
   - Score of 4 in AP Calculus BC: Take MATH 210 in the spring instead of MATH 115 in the fall