# Math Progression Chart

**Non-STEM Majors**

<table>
<thead>
<tr>
<th>10C</th>
<th>10H</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Calculus</td>
<td>Elementary Statistics</td>
<td>Math for Liberal Arts</td>
</tr>
</tbody>
</table>

**Business Majors**

<table>
<thead>
<tr>
<th>12C</th>
<th>12</th>
<th>10C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optional Co-req</td>
<td>Applied Calculus</td>
<td>Optional Co-req</td>
</tr>
</tbody>
</table>

**STEM Majors**

<table>
<thead>
<tr>
<th>1</th>
<th>1C</th>
<th>3A</th>
<th>4A</th>
<th>4B</th>
<th>4C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Calculus</td>
<td>Optional Co-req</td>
<td>Calculus I</td>
<td>Intermediate Calculus</td>
<td>Differential Equations</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>19</td>
<td>3B</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>Pre-Calculus &amp; Trig</td>
<td></td>
<td>Discrete Math</td>
<td>Calculus II</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Notes:**
- Noncredit courses are offered at no cost to the student. Each noncredit math class is typically four weeks in length. The noncredit courses listed above cover all content in Math 901 and 902P. There is no prerequisite to each noncredit math course.

**Placement Note:**
- It is recommended that most students start with a transfer level course either with or without a co-requisite. Please see placement chart and counseling for guidance.

**Pre-transfer Note:**
- Corequisites are additional academic and concurrent support recommended depending on the student’s background and needs. They are Pass/No Pass and not degree applicable.

**Transfer:**
- Notes:
  1. Pre-transfer classes have no pre-req.
  2. Math 104, 105, 106, 106R are AA/AS applicable
  3. Math 105 ONLY prepares students for Math 10 is not appropriate for Business majors.
  4. Only take Math 104/104R if you did not pass two semesters of high school geometry.

**Non-STEM Notes:**
1. Since transfer requirements vary between UC, CSU and majors, students are strongly recommended to see a Counselor.
2. Noncredit Math 10 support class available.

**STEM Notes:**
1. Any course with an arrow extending to another course is a pre-requisite for that course.
2. It is recommended to take Math 1 and then Math D, in that order, to prepare for Math 3A.
3. Math 2 combines Math 1 & D and is a reasonable option for strong math students.
4. It is recommended that students take Math 3A before Math 19.
5. Since transfer requirements vary, psychology and kinesiology students are strongly recommended to see a Counselor.

**STEM – Disciplines of science, technology, psychology, kinesiology, engineering, and mathematics.**