Recommended First Quarter Schedule

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 21A*</td>
<td>4</td>
</tr>
<tr>
<td>CHE 2A**</td>
<td>5</td>
</tr>
<tr>
<td>BIM 1</td>
<td>2</td>
</tr>
<tr>
<td>Entry Level Writing Course (ELWR)^ or Lower Division College English Composition</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total Units:</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

*Alternative MAT course may be required depending on Math Placement Exam results

**Alternative CHE course may be required depending on Chemistry Placement Exam results

^ Students should not take GE or major courses with Writing Experience (WE) until ELWR is satisfied.

First Quarter Schedule Notes:

- Students should avoid taking more than three STEM courses in any quarter.
- Calculus is prerequisite to the courses you will take later on which is why it is important to prioritize getting started on this series.
- Do not enroll in upper division courses (numbered 100 or above).

Recommended First Year Goals

**Know:**
- How to navigate and use UC Davis websites (OASIS, My Degree, Schedule Builder, Canvas)
- Pass time registration
- Major requirements, GE requirements, and prerequisites

**Required:**
- Complete Annual Advising Meeting
- Finish Entry Level Writing Requirement
- Submit all AP, IB, A-Level scores and transfer credit to Admissions

**Recommended:**
- Attend faculty/TA office hours
- Meet with a peer advisor
- Explore student organizations within and outside Engineering
- Form study groups and attend tutoring

Placement Exams

**Required**
- **Math:** All students who register in MAT 12 or 21A are required to take the Math Placement Exam and receive a qualifying score.

- **Chemistry:** All students who register in CHE 2A are required to take the Chemistry Placement Exam and receive a qualifying score.

**Not Required**
- **Computer Science:** The programming requirement for this major does not require a score on the Computer Science Placement Exam. If you plan to take Computer Science courses, be sure to review placement requirements prior to enrollment.

Updated April 2021
### AP/IB Exams and Major Requirements

<table>
<thead>
<tr>
<th>AP/IB Exams</th>
<th>Score</th>
<th>UCD Course</th>
<th>Can repeat for credit at UCD?</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Chemistry</td>
<td>5</td>
<td>CHE 2A</td>
<td>Yes; recommend students enroll in CHE 2AH</td>
</tr>
<tr>
<td>AP Calculus AB</td>
<td>4, 5</td>
<td>MAT 21A</td>
<td>Yes; recommend repeating MAT 21A*</td>
</tr>
<tr>
<td>AP Calculus BC</td>
<td>4</td>
<td>MAT 21A</td>
<td>Yes; recommend repeating MAT 21A*</td>
</tr>
<tr>
<td>AP Calculus BC</td>
<td>5</td>
<td>MAT 21A/B</td>
<td>Yes; recommend repeating MAT 21B*</td>
</tr>
<tr>
<td>IB HL Mathematics</td>
<td>6, 7</td>
<td>MAT 21A/B</td>
<td>Yes; recommend repeating MAT 21B*</td>
</tr>
</tbody>
</table>

*While the Biomedical Engineering major accepts qualifying AP and IB scores toward the math requirement, students are encouraged to repeat calculus at UC Davis to ensure a strong foundation in math.*

**Please note:** This chart only covers scores that yield major credit for Biomedical Engineering. For the most up-to-date list of all AP and IB scores and their credit at UC Davis, please refer to the charts available on the UC Davis Admissions website. [https://www.ucdavis.edu/admissions/undergraduate/freshman/exam-requirements](https://www.ucdavis.edu/admissions/undergraduate/freshman/exam-requirements)