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>Entry Level Writing Course (ELWR)(^{^\text{\textsuperscript{\textdagger}}}) or Lower Division College English Composition</td>
<td>4 – 4.5</td>
</tr>
<tr>
<td>First Year Seminar</td>
<td>1-2</td>
</tr>
<tr>
<td><strong>Total Units:</strong></td>
<td><strong>14-15</strong></td>
</tr>
</tbody>
</table>

**Alternative Courses**

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

*Alternative MAT or CHE course may be required depending on Math & Chem Placement Exam results

GE Course in Social Sciences or Humanities: 2-4

**Explore First Year Seminars:** [https://fys.ucdavis.edu/](https://fys.ucdavis.edu/)

**First Quarter Schedule Notes:**

- Students should avoid taking more than two major courses in any quarter their first year.
- Do not enroll in upper division courses (numbered 100 or above).
- It is not recommended to enroll in more than 15-16 units.

**Placement Exams**

**Required**

Math: All students who register in MAT 12, 16A, 17A, or 21A are required to take the Math Placement Exam and receive a qualifying score.

Chemistry: All students who register in CHE 2A or CHE 2AH are required to satisfy the Chemistry Placement Requirement by earning a qualifying score from the Chemistry Placement Exam.

**Not Required**

Computer Science: The Chemistry major does not require Computer Science courses. If you plan to take Computer Science courses be sure to review placement requirements prior to enrollment.

Foreign Language: The Foreign Language Placement Exam is not required unless you are considering switching to or adding an A.B. degree or are interested in taking foreign language coursework at UC Davis.

**Recommended First Year Goals**

- Take math and general chemistry each quarter.
- Read the Chemistry Quick Notes e-mails. There are lots of opportunity to engage with the department & hear about important course information.
## 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; recommended students enroll in CHE 2AH</td>
</tr>
<tr>
<td>AP Calculus AB</td>
<td>4, 5</td>
<td>MAT 16A, 17A, or 21A</td>
<td>Yes; recommended to repeat*</td>
</tr>
<tr>
<td>AP Calculus BC</td>
<td>4</td>
<td>MAT 16A, 17A, or 21A</td>
<td>Yes; recommended to repeat*</td>
</tr>
<tr>
<td>AP Calculus BC</td>
<td>5</td>
<td>MAT 16A/B, 17A/B, or 21A/B</td>
<td>Yes; recommended to repeat*</td>
</tr>
<tr>
<td>IB HL Mathematics</td>
<td>6, 7</td>
<td>MAT 21A/B</td>
<td>Yes; recommended to repeat*</td>
</tr>
<tr>
<td>IB HL Mathematics</td>
<td>5, 6, 7</td>
<td>MAT 16A/B or 17A/B</td>
<td>Yes; recommended to repeat*</td>
</tr>
</tbody>
</table>

*While the Chemistry 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 Chemistry. 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)

### Additional Information:

First-year students (specifically underrepresented minorities in chemistry) should apply for the Chemistry Peer Mentor Program (CPMP). The program pairs first-year students with a returning upper-class chemistry student to help ease the transition to UC Davis and build community in the major.

[https://chemistry.ucdavis.edu/chemistry-peer-mentoring-program](https://chemistry.ucdavis.edu/chemistry-peer-mentoring-program)