*Email:* [*civiladvising@ucdavis.edu*](mailto:civiladvising@ucdavis.edu)

*Website:* [*https://cee.engineering.ucdavis.edu/*](https://cee.engineering.ucdavis.edu/)

**Environmental Engineering (B.S.)**

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| --- | --- |
| **Recommended First Quarter Schedule** | |
| **Course** | **Units** |
| MAT 21A\* | 4 |
| CHE 2A\*\* | 5 |
| ECI 3\*\* | 4 |
| GE or First Year Seminar | 1-4 |
| **Total Units:** | **13 - 16** |
| *Alternative Courses* | |
| \*Alternative MAT course may be required depending on Math Placement Exam results | 3 |
| \*\*Alternative CHE course may be required depending on Chemistry Placement Exam results | 3 |
| \*\*\*ECI 3 requires placement into MAT 21A. Choose a GE if you are required to take a preparatory math class | 3-4 |
| ^ Students should not take GE or major courses with Writing Experience (WE) until ELWR is satisfied. | |
| *Explore First Year Seminars:* [*https://fys.ucdavis.edu/*](https://fys.ucdavis.edu/) | |

**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 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.

**Recommended First Year Goals**

Know:

* How to navigate and use UC Davis websites (OASIS, My Degree, Schedule Builder, Canvas)
* Access campus resources (SASC, ICC, SHCS, Financial Aid)
* 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

Recommended:

* Attend faculty/TA office hours
* Meet with a peer advisor
* Explore student organizations within and outside of Engineering
* Form study groups and attend tutoring
* Enroll in a First Year Seminar
* Enroll in a First Year Aggie Connection

**First Quarter Schedule Notes:**

* It is recommended that students in this major take CHE 2A in winter quarter of their first year.
* Students should avoid taking more than three STEM courses in any quarter.
* Calculus is the prerequisites to the courses you will take later on which is why it is important to prioritize getting started on that series
* Do not enroll in upper division courses (numbered 100 or above).

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| **AP/IB Exams and Major Requirements** | | | |
| **AP/IB Exams** | **Score** | **UCD Course** | **Can repeat for credit at UCD?** |
| AP Chemistry | 5 | CHE 2A | Yes; recommended students enroll in CHE 2AH |
| AP Calculus AB | 4, 5 | MAT 16A, 17A, or 21A | Yes; recommended to repeat\* |
| AP Calculus BC | 4 | MAT 16A, 17A, or 21A | Yes; recommended to repeat\* |
| AP Calculus BC | 5 | MAT 16A/B, 17A/B, or 21A/B | Yes; recommended to repeat\* |
| IB HL Mathematics | 6, 7 | MAT 21A/B | Yes; recommended to repeat\* |
| IB HL Mathematics | 5, 6, 7 | MAT 16A/B or 17A/B | Yes; recommended to repeat\* |
| **\***While this 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 this major**.  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> | | | |

**Important Links:**

* **Department of Civil and Environmental main webpage:** [**https://cee.engineering.ucdavis.edu/**](https://cee.engineering.ucdavis.edu/)
* **Information regarding advisor’s availability:** [**https://cee.engineering.ucdavis.edu/undergraduate/advising**](https://cee.engineering.ucdavis.edu/undergraduate/advising)
* **Information regarding major and degree sheet:** [**https://cee.engineering.ucdavis.edu/undergraduate/majors-minors/environmental-engineering**](https://cee.engineering.ucdavis.edu/undergraduate/majors-minors/environmental-engineering)
* **General Education Requirement Sheet:** [**https://cee.engineering.ucdavis.edu/sites/g/files/dgvnsk6911/files/inline-files/GE3%20for%20EENV%202021.pdf**](https://cee.engineering.ucdavis.edu/sites/g/files/dgvnsk6911/files/inline-files/GE3%20for%20EENV%202021.pdf)
* **Information regarding student organizations:** [**https://cee.engineering.ucdavis.edu/undergraduate/beyond-the-classroom**](https://cee.engineering.ucdavis.edu/undergraduate/beyond-the-classroom)
* **Information regarding internships and careers:** [**https://cee.engineering.ucdavis.edu/undergraduate/undergraduate-advising/internships-and-careers**](https://cee.engineering.ucdavis.edu/undergraduate/undergraduate-advising/internships-and-careers)