

Statistics (B.S.) – All Tracks

Email: stat-advising@ucdavis.edu
Website: <https://statistics.ucdavis.edu/>

Recommended First Quarter Schedule

Course	Units
For Applied Track: MAT 16A, 17A, or 21A (21A recommended)*	3-4
For Computational Statistics, General, Machine Learning, and Statistical Data-Science Tracks: MAT 21A*	
Entry Level Writing Course (ELWR)^ or Lower Division College English Composition	4-4.5
GE Course or ECS 32A or ECS 36A**	3-4
GE Course or First Year Seminar	1-3
Total Units:	12 - 16

Alternative Courses

*Alternate MAT course may be required depending on Math Placement Exam results. If you do not place into MAT 21A consider taking an algebra or pre-calculus course.
**ECS 32A or 36A may be taken in the first quarter but is not necessary. ECS 32A is preferred.
^ Students should not take GE or major courses with Writing Experience (WE) until ELWR is satisfied.

First Quarter Schedule Notes:

- Do not take STA 13. Statistics majors are encouraged to take STA 32 some time during their first year. STA 32 prepares students better for higher level statistics course work and will most likely be taken in Winter or Spring quarter.
- The MAT 21 series is recommended for all major tracks. It will give you a stronger foundation for higher level mathematical statistics courses in the future.
- All major tracks require at least one introductory computer science course (ECS 32A or ECS 36A). This can be taken in the first quarter but is most often taken in Winter quarter.
- Students should avoid taking more than two major courses per quarter.

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.

Recommended

Computer Science: While ECS 32A is preferred, if students opt to take ECS 36A they will be required to take the Computer Science placement exam.

Not Required

Chemistry: The Statistics B.S. major does not require the Chemistry Placement Exam. If you plan to take Chemistry courses, be sure to review placement requirements prior to enrollment.

Foreign Language: The Statistics B.S. major does not require the Foreign Language Placement Exam. If you plan to take Foreign Language courses, be sure to review placement requirements prior to enrollment.

Recommended First Year Goals

- Take advantage of the GE requirement and explore other disciplines. Statistics complements many other fields and many Statistics students minor or double major in another field.
- Meet with a Statistics major advisor to create a four-year plan.
- Read the Statistics Newsletter and attend department events and other on-campus activities.
- Have fun!

AP/IB Exams and Major Requirements

AP/IB Exams	Score	UCD Course	Can repeat for credit at UCD?
AP Calculus AB	4, 5	MAT 16A, 17A, or 21A	Yes; recommended to repeat if student would like to review and get exposure to MAT at UC Davis. MAT 21 series recommended.*
AP Calculus BC	4	MAT 16A, 17A, or 21A	Yes; recommended to repeat if student would like to review and get exposure to MAT at UC Davis. MAT 21 series recommended.*
AP Calculus BC	5	MAT 16A/B, 17A/B, or 21A/B	Yes; recommended to repeat at least the "B" course in the series. MAT 21 series recommended.*
AP Computer Science A	3, 4, 5	ECS 32A	No
AP Statistics	4, 5	STA 13	Yes; not recommended to repeat. Statistics majors are strongly recommended to take STA 32 (regardless of AP credit) sometime during their first year.
IB HL Mathematics	6, 7	MAT 21A/B	Yes; recommended to repeat at least the "B" course in the series.
IB HL Mathematics	5, 6, 7	MAT 16A/B or 17A/B	Yes; recommended to repeat at least the "B" course in the series.

Please note: This chart only covers scores that yield major credit for Statistics.

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>

Additional information

We are available via email for questions during Aggie Advising and Aggie Orientation. We will be emailing students some additional materials about the department as well. We will hold a Fall Welcome Event in the first week.

