



Enrollment Prerequisites/Corequisites

Many courses at UC Santa Cruz have prerequisites that need to be completed prior to enrollment, or corequisite courses that must be taken at the same time.

Prerequisites can either be a course or a placement test that must be completed prior to enrollment. When a course that is not for your major requires a prerequisite course, you should consider taking a different one. If the course is for your major, you should speak with an adviser about your options.

Career	Undergraduate	Status	● Open
Grading	Student Option	Available Seats	3
Class Number	61893	Enrollment Capacity	105
Type	Lecture	Enrolled	102
Credits	5 units	Wait List Capacity	0
General Education	MF	Wait List Total	0

Description

The limit of a function, calculating limits, continuity, tangents, velocities, and other instantaneous rates of change. Derivatives, the rule, implicit differentiation, higher derivatives. Exponential functions, inverse functions, and their derivatives. The mean value theorem, monotonic functions, concavity, and points of inflection. Applied maximum and minimum problems. Students cannot receive credit both this course and course 11A or Applied Mathematics and Statistics 11A and 15A, or Economics 11A.

Enrollment Requirements

Prerequisite(s): MATH 3; or mathematics placement (MP) score of 400 or higher; or AP Calculus AB exam score of 3 or higher.

For courses that have a placement test as a prerequisite, take the test as soon as possible or speak with an adviser. In some cases, you may be able to use a different test score to waive the placement test. Some of the courses that have placement test prerequisites include Core courses, math courses, and language courses.

Corequisites are courses that must be taken at the same time as another course, such as labs that have to be taken in addition to a lecture. All course requirements including prerequisites and corequisites are listed under the “Enrollment Requirements” section of the course details.