

Prerequisites for Selected Majors

Applicants to these fields must be an enrolled major in the same field at their home university. See specific [host UC campus requirements](#).

Major	Upper-Division Prerequisites
Biology	<p>Biology: one year of introductory biology encompassing animal, plant, and cell biology</p> <p>Chemistry: one year of general chemistry</p> <p>Mathematics: one year of calculus</p> <p>Calculus-based physics: one year of physics</p>
Business Administration	<ol style="list-style-type: none"> 1. Introductory Microeconomics 2. Introductory Macroeconomics 3. Calculus 4. Statistics <p>Intermediate microeconomics and macroeconomics preferred.</p>
Economics	<ol style="list-style-type: none"> 1. Introductory Microeconomics 2. Introductory Macroeconomics 3. Calculus 4. Statistics <p>Intermediate microeconomics and macroeconomics preferred or required.</p>
Engineering	<p>Mathematics: a course in calculus (multivariable), differential equations, and linear algebra</p> <p>Calculus-based physics: courses in the following areas: mechanics, electricity, magnetism, wave motion, heat, oscillation, physical optics, relativity, quantum physics, and electrodynamics</p> <p>General Chemistry</p> <p>Exception: computer and electrical engineering require only one term of chemistry. Computer science does not require chemistry.</p> <p>Computer Programming: Fortran, Matlab, Java, C++, C Programming, or Python</p>
Psychology	<p>Social Sciences: introductory psychology courses, and a course in anthropology, sociology, or the equivalent</p> <p>Mathematics: a course in statistics</p>