MATHEMATICS DEGREE REQUIREMENTS

Effective Fall 2018

• Core Requirements for All Math Majors •

A. Math 2A____2B____2D/H2D____
   3A____3D___ 13____
B. Math 9 ___
C. One of the following sequences:
   • Chem 1A____B____C____; or
   • Physics 7C____D____E____
Upper-div: Math 120A____121A____
130A____140A____140B____

• No specialization/concentration
(Pure Mathematics) •

Core requirements for all Mathematics
Majors plus:
Math 2E/H2E____
Replace Item C in the Core Requirements
with the following:
• Bio Sci 93___94____AND
• Two courses selected from:
  Chem 1A____1B____;
  Bio Sci 97____;
  Physics 2____7C____7D____
All of the following:
Math: 105A/LA____105B/LB____107/L____
112A____112B____112C____
115___117___118___121B____
130C____133C____140C____176____

• Concentration in Mathematical Finance •

http://www.math.uci.edu/undergraduate-studies/concentrations-and-specializations
An application should be completed at least 3 quarters prior to graduation.

Core requirements for all Mathematics
Majors plus:
Math 2E/H2E____
Math 130B____133A____133B____
A. Three elective courses from:
   Math:
   105A/LA____105B/LB____107/L____
   112A____112B____112C____
   115___117___118___121B____
   130C____133C____140C____176____
B. Eight required economics courses:
   Econ 20A____20B____
   Econ 105A____105B____105C____
   Econ 122A___
   OR 123A____
   Econ 132A____
   Econ 134A____

• Concentration in Mathematics
for Education/Secondary Teaching Certification •

Admission requires approval in advance. The admission process begins with completing an Intent form at the Cal Teach Resource and Advising Center.

Core requirements for all Mathematics
Majors plus:
Math 2E/H2E____
Math 8____
Math 105A/LA____120B____
130B____150____161____
180A____184____184L____AND
One additional math course numbered
100-189: ______
Physical Sciences 5____105____

• Specialization in Applied and
Computational Mathematics •

http://www.math.uci.edu/undergraduate-studies/concentrations-and-specializations
An application should be completed at least 3 quarters prior to graduation.

Core requirements for all Mathematics
Majors plus:
Math 2E/H2E____
All of the following:
Math 105A/LA____105B/LB____
112A____112B____115___121B____
Three elective courses from:
Math 107/107L____112C____117____
118___130B____130C____
133A____133B____140C____176____
Two approved upper-division courses in
an area of application outside of
Mathematics. Approval must be obtained
in advance from the advisor for this
specialization. The student is responsible
for satisfying any prerequisites for these
courses.
Elec. #1._________ Elec. #2._________

This concentration allows students to earn
a bachelor’s degree and complete the
required coursework and field experience
for a California Preliminary Single Subject
Teaching Credential at the same time.

NOTE: Students may pursue either the
concentration in Mathematics for
Education/Secondary Teaching Certification OR the specialization in
Mathematics for Education, but not both.