INTRODUCTION TO THE MAJOR

The Mathematics major provides students excellent preparation for advanced study in math, physical sciences, economics, and industrial engineering, as well as graduate study in business, education, law, and medicine. The major also prepares students for post-baccalaureate positions in business, technology, industry, teaching, government, and finance. Students majoring in Mathematics may choose to major with a teaching concentration.

Visit the Berkeley Academic Guide for more information.

AMPLIFY YOUR MAJOR

• Add a Teaching Concentration to your major and join Cal Teach to prepare for a career in education.
• Test your problem-solving skills in the prestigious Putnam Competition.
• Apply to a Research Experience for Undergraduate Summer Program.
• Work alongside a graduate student mentor through the Directed Reading Program.
• Write an honors thesis or execute an independent study project.

STUDY OPTIONS

• Students majoring in Mathematics may choose to major with a teaching concentration. The teaching concentration is designed to increase the number and quality of math teachers.
• Interested in using math to solve real-world problems? Check out the Applied Mathematics major.
• Already have an intended major? Consider adding Mathematics as a minor.

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

CONNECT WITH US

Cal Day
Come to UC Berkeley’s annual Open House in April for information sessions, campus tours, special talks, and more.

Golden Bear Orientation
Join your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit math.berkeley.edu for news and updates.

ADVISING

The Math advising team serves both declared and prospective majors. Meet with them to discuss major requirements, policies and procedures, helpful resources, enriching opportunities, and much more!

The major builds a strong analytical and logical mind and provides the skills necessary to learn almost anything technical.

– Pure Math Major

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

CONNECT WITH US

Cal Day
Come to UC Berkeley’s annual Open House in April for information sessions, campus tours, special talks, and more.

Golden Bear Orientation
Join your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit math.berkeley.edu for news and updates.

ADVISING

The Math advising team serves both declared and prospective majors. Meet with them to discuss major requirements, policies and procedures, helpful resources, enriching opportunities, and much more!

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

CONNECT WITH US

Cal Day
Come to UC Berkeley’s annual Open House in April for information sessions, campus tours, special talks, and more.

Golden Bear Orientation
Join your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit math.berkeley.edu for news and updates.

ADVISING

The Math advising team serves both declared and prospective majors. Meet with them to discuss major requirements, policies and procedures, helpful resources, enriching opportunities, and much more!

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

CONNECT WITH US

Cal Day
Come to UC Berkeley’s annual Open House in April for information sessions, campus tours, special talks, and more.

Golden Bear Orientation
Join your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit math.berkeley.edu for news and updates.

ADVISING

The Math advising team serves both declared and prospective majors. Meet with them to discuss major requirements, policies and procedures, helpful resources, enriching opportunities, and much more!

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

CONNECT WITH US

Cal Day
Come to UC Berkeley’s annual Open House in April for information sessions, campus tours, special talks, and more.

Golden Bear Orientation
Join your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit math.berkeley.edu for news and updates.

ADVISING

The Math advising team serves both declared and prospective majors. Meet with them to discuss major requirements, policies and procedures, helpful resources, enriching opportunities, and much more!

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

CONNECT WITH US

Cal Day
Come to UC Berkeley’s annual Open House in April for information sessions, campus tours, special talks, and more.

Golden Bear Orientation
Join your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit math.berkeley.edu for news and updates.

ADVISING

The Math advising team serves both declared and prospective majors. Meet with them to discuss major requirements, policies and procedures, helpful resources, enriching opportunities, and much more!

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

CONNECT WITH US

Cal Day
Come to UC Berkeley’s annual Open House in April for information sessions, campus tours, special talks, and more.

Golden Bear Orientation
Join your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit math.berkeley.edu for news and updates.

ADVISING

The Math advising team serves both declared and prospective majors. Meet with them to discuss major requirements, policies and procedures, helpful resources, enriching opportunities, and much more!

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

CONNECT WITH US

Cal Day
Come to UC Berkeley’s annual Open House in April for information sessions, campus tours, special talks, and more.

Golden Bear Orientation
Join your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit math.berkeley.edu for news and updates.

ADVISING

The Math advising team serves both declared and prospective majors. Meet with them to discuss major requirements, policies and procedures, helpful resources, enriching opportunities, and much more!

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

CONNECT WITH US

Cal Day
Come to UC Berkeley’s annual Open House in April for information sessions, campus tours, special talks, and more.

Golden Bear Orientation
Join your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit math.berkeley.edu for news and updates.

ADVISING

The Math advising team serves both declared and prospective majors. Meet with them to discuss major requirements, policies and procedures, helpful resources, enriching opportunities, and much more!

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

CONNECT WITH US

Cal Day
Come to UC Berkeley’s annual Open House in April for information sessions, campus tours, special talks, and more.

Golden Bear Orientation
Join your peers in the campus-wide UC Berkeley orientation program for all new students.

Events
Attend department events with students, faculty, and staff. Visit math.berkeley.edu for news and updates.

ADVISING

The Math advising team serves both declared and prospective majors. Meet with them to discuss major requirements, policies and procedures, helpful resources, enriching opportunities, and much more!

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.

HOW TO USE THIS MAP

Use this map to help plan and guide your experience at UC Berkeley, including academic, co-curricular, and discovery opportunities. Everyone’s Berkeley experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

For more information or to contact an advisor, visit math.berkeley.edu/programs/undergraduate/advising.
# Mathematics Bachelor of Arts

**FIRST YEAR**
- Review major and college requirements
- Map out a 4-year plan on CalCentral
- Visit the peer advisor blog and talk with Mathematics peer advisors to learn about undergraduate life in the department.
- Check out MUSA’s LaTeX workshops to learn how to use this important software.

**SECOND YEAR**
- Meet with your major and college advisor to discuss your academic plans.
- Complete the prerequisites and declare Mathematics as your major.
- Consider taking Honors sections of courses.
- Review major guidelines for study abroad.

**THIRD YEAR**
- Focus on upper division requirements and electives.
- Review your degree progress with your major and college advisors.
- Learn more about the Honors Program with the help of the Honors Program Advisor.

**FOURTH YEAR**
- Do a degree check to ensure you are on track to graduate.
- Complete any “bucket list” courses.
- Finish remaining major, college, and campus requirements.
- Complement your major with a certificate, course thread, or summer minor.

## Explore your major
- Attend the Calapalooza student activities fair and get involved with a student organization.
- Find service opportunities through the Public Service Center.
- Explore study, internship, and research abroad options with Berkeley Study Abroad.

## Connect locally and globally
- Get a mentorship with Berkeley Connect and L&S Mentors Program.
- Find study groups, tutoring, and academic support at the Student Learning Center.
- Enroll in UGIS 98: College Success in L&S.

## Discover your passions
- Enroll in a Sophomore Seminar, Big Ideas or Discovery Course.
- Assist faculty and graduate students in their research through URAP and SURF-SMART.
- Explore a career in education with CalTeach.
- Take a class that teaches skills for transitioning to upper division math.

## Engage and plan your future
- Attend the Career Center and Career Counseling Library.
- Check out the Career Center Yearly Planner.
- Sign up for Handshake and CareerMail.

---

## WHAT CAN I DO WITH MY MAJOR?

### Jobs and Employers
- Application Programmer, Wells Fargo
- Data Analyst, Descena
- Planner, KNT Manufacturing
- Product Technician, Esurance
- Research Assistant, Microsoft
- Research Fellow, Howard Hughes Inst.
- Software Developer, Salesforce
- Software Engineer, Airbnb
- Software Engineer, Google
- Software Engineer, Intuit
- Teacher, Oakland Unified School Dist.

### Graduate Programs
- Algebra & Number Theory
- Analysis & Functional Analysis
- Business
- Computer Science
- Electrical Engineering
- Epidemiology
- Geometric Analysis
- Linguistics
- Mathematical Statistics & Probability
- Medicine
- Neurobiology
- Physics
- Statistics
- Topology & Foundations

---

Examples gathered from the First Destination Survey of recent Berkeley graduates.