Continues....

Our GPA range is from about 3.6 to 4.0, though again there can be exceptions. Keep in mind that we look at the entire package and although we have a minimum, the average is higher. Also, there is no score at any level, which insures admission.

- 6. What kind of information should I include in the Personal Statement? The Statement is your opportunity to explain your reasons for pursuing graduate study in mathematics, and to let us get a sense of who you are. You may mention any relevant facts about your education or experience with mathematics that are not apparent in the other materials you submit. You might want to note what kind of mathematics you find interesting and wish to pursue in graduate school, and what you plan to do after obtaining a Ph.D. It may include information about your background, interests, or career goals, and how UCLA might help you meet those career and educational goals. There is no specific length, but one or two pages are typical.
- 7. What part of the application package does the review committee weigh most heavily? Admission decisions are based on an applicant's entire package. Weaknesses in one area may be offset by strengths in another. The committee weighs many factors in addition to GPAs. These may include the breadth of your undergraduate courses, your letters of recommendation, statement of purpose and GRE subject score.
- 8. I will not receive my Bachelor's degree until after the deadline for application. May I still apply? You may apply for admission to our program before your actual degree date as long as you have your Bachelor's degree by the fall enrollment date.
- I cannot find the code numbers for my GRE scores? The UCLA code is 4837 and the Mathematics department code is 0703.

- 10. When will I know if I have been accepted into your program? You will receive an official letter by the first week of February.
- 11. Will you waive the fee if I can prove financial **need?** Waivers of UCLA's application fee are available for U.S. citizens, Permanent Residents and others who meet the following criteria: You must be currently enrolled in a college or university, and receiving need-based financial aid (if not a U.S. citizen or Permanent Resident, this financial aid must come from the state of California), and submit a statement from your Financial Aid officer confirming the above and stating that payment of UCLA's \$120 application fee would be a financial hardship. If your Financial Aid officer cannot provide such a statement, obtain a statement from your Registrar that you are currently registered and enrolled and upload that along with your most recent FAFSA. Please note that the FAFSA alone cannot be used to determine eligibility for a fee waiver. There is a Fee Waiver section of the UCLA Application for Graduate Admission where you can indicate your eligibility for a fee waiver and upload the statement from the Financial Aid officer.

#### Department of Mathematics

Official transcripts must be mailed to:
Graduate Advisor
UCLA Mathematics Department
Box 951555

Los Angeles, CA 90095-1555

Phone: 310-825-4971 Fax: 310-206-6673

Email: gradapps@math.ucla.edu www.math.ucla.edu



# Mathematics





# **Department Overview**

The UCLA Department of Mathematics is by far the youngest of the top mathematics departments in the nation. Since awarding its first PhD in 1947, it has grown significantly. As of Fall 2018, it has 50 ladder faculty and 72 assistant adjunct professors, postdoctoral fellows and visiting faculty, encompassing major areas of both pure and applied mathematics. Yet, despite its size and scope, indeed perhaps because of it. The Department has succeeded in creating a unique synergy among its faculty across its research groups. The integration of research interests and the opportunity to train under diverse faculty is a huge draw.

The Department is a center of excellence for cutting-edge research in mathematics, including interfaces with other disciplines. In 2007, the Department received the American Mathematical Society's (AMS) Award for an Exemplary Program or Achievement in a Mathematics Department. The award recognizes a mathematics department in North America that has distinguished itself by undertaking an unusual or particularly effective program of value to the mathematics community, internally, or in relation to the rest of society. The Department was the second recipient of the award, AMS praised the Department for "a comprehensive vision for its undergraduate, graduate, and postdoctoral training programs that involves important interactions with the NSF-funded Institute for Pure and Applied Mathematics (IPAM) at UCLA. Through these extensive training programs, UCLA has become one of the largest pipelines to mathematical, careers in the United States," More recently, the Academic Ranking of World Universities' (ARWU) summer 2018 ranking put the Department at number eighth among all mathematics departments in the world.

The Department encourages close interaction between faculty and its diverse graduate student body to maximize students' educational experience. There are many opportunities for learning mathematics beyond formal coursework. To supplement the class-room experience, a Distinguished Lecture Series, weekly colloquia and conferences are offered throughout the year. Distinguished visiting faculty from across the globe supplements the Department's world-class faculty.

# **Faculty**

The highest honors awarded individual faculty members in the last eight years include a Fields Medal, a Nobel Prize, a Crafoord Prize, an Abel Prize to one if its emeriti, five plenary speakers at the International Congress of Mathematicians (ICM), a MacArthur Fellowship, a Fermat Prize, a Cole Prize, three new National Academy of Science members, pne new fellow of the Royal Society of London and four new members of the American Academy of Arts & Sciences. Promising young faculty have been the recipients of the Sloan Research, the Guggenheim Fellowship and in 2011, a prestigious Presidential Early Career Awards for Scientists and Engineers (PECASE). The Department currently holds two endowed chairs: the James and Carol Collins Chair and the Betsy Wood Knapp Chair for the Innovation and Creativity.

#### **Facilities**

The Department is located in the Mathematical Sciences Building, which is centrally situated on the UCLA campus. The MS building houses classrooms, administrative offices, faculty offices, graduate student offices, the graduate student lounge and several computer labs. The Engineering and Mathematical Sciences Library is located nearby in the adjoining Boelter Hall.

**Computing Services:** The Department offers a broad variety of computing resources for students, faculty, staff, and guests.

**Calendar:** The University of California, Los Angeles is on a threequarter academic year. Spring break is the week in between the end of winter quarter and the beginning of spring quarter. There is also a Summer Session, however only undergraduate courses are offered during this time.

#### **Graduate Admissions**

Dear Prospective Applicant,

Thank you for your interest in graduate studies in the Department of Mathematics at UCLA, Applications are accepted for Fall quarter matriculation only. The application deadline is December 15. Application review process begins in late December; to ensure full consideration, applications should be complete, with all supporting material submitted, by that time. Please note that admissions to the M.A. and M.A.T. programs has been suspended indefinitely, so if you're interested in doing graduate work in our department you must apply for admission to the PhD program. You must submit the UCLA Graduate Admissions Application (see http:// www.gdnet.ucla.edu/gasaa/admissions/applicat.htm) You must submit also the Application Fee for the UCLA Graduate Admissions Application. Instructions for this payment are given online. As part of the Graduate Division Application, you will be required to upload:

- ·Transcripts
- · GRE General and Math Subject test scores
- · Statement of purpose
- · 3 Letters of Recommendation (see online UCLA application)
- · List of Mathematics Courses taken
- · Applicants whose native language is not English must take the TOEFL exam and submit their TOEFL score.

Each applicant must select an area (pure or applied) and a field of interest as part of the application. The two areas have slightly different course requirements but both allow for flexibility to take many combinations of courses and qualifying exams throughout the department. Students can ask to switch areas or fields after starting the program if their interests change.

# **Frequently Asked Questions**

- I see on the website that the application deadline is December 15 but the application process begins late September. Does this mean the deadline is only for the online application and the letters of recommendation and the GRE scores may be sent later? The on-line University application must be submitted by December 15. We will accept scores, letters and other materials after the December 15th deadline, but your application package will be considered incomplete and will not be reviewed if we do not have all materials by the end of the first week in January.
- Will it help me to send more than 3 letters of recommendation? Not really. Three letters are sufficient for the review committee to get a sense of your abilities and strengths.
- 3. I am a foreign student, but attended a school that had instruction in English. Can the TOEFL be waived for me? International applicants that have received a Bachelor's degree or higher from a university located in the United States, or from another country in which English is both the spoken language and the medium of instruction are exempted from the TOEFL. Please include this information in your application package.
- 4. What is the minimum TOEFL score you will accept? It is University policy that you score at least a 560 on the pencil and paper test, 220 on the electronic test, or 87 on the iBT and IELTS overall band score should be at least 7.0.
- 5. What does the average successful applicant's profile look like as far as GRE scores, grades, etc? Be aware that when we talk about a successful applicant, numbers are only one part of the total package. That being said; the minimum GPA is 3.5 for a PhD and although there is no minimum GRE, you must keep in mind that admission is very competitive and the higher your score, the better. On the average, those we offer admission to have GRE subject scores in or above the 80th percentile. Continues....