

International Admissions for MS Mathematics

Spring 2024 Semester Intake	Classes Start January 22, 2024 (Arrive on January 17, 2024)
Priority Application Period – August 1, 2023 – September 15, 2023	Estimated Admission Decision Returned in 2-3 weeks
Late Application Period – September 16, 2023 – November 1, 2023	Estimated Admission Decision Returned in 2-3 weeks

Why choose the MS Mathematics Program at CSU Channel Islands?

- Small program with approximately 20 students per class, which means lots of interaction with professors.
- **An excellent value at \$629 per unit, 32 units program for a total cost of \$20,128* (\$10,064 per year).**
- A public university located in a warm climate in Southern California. 1 hour north of Los Angeles. 10 minutes from the beach. California has an excellent economy and is the tech hub of the USA.
- Program is STEM OPT eligible. Many companies are nearby as we are located along the 101 Tech corridor.
- Flexible options. Students can choose either a thesis or master project. Students are allowed to take up to 3 non-MATH classes offered by the MS in Computer Science program.
- Top Careers include Mathematician, Actuary, Astronomer, Computer Software Designer, Cryptographer, Economist, Computer Graphics Engineer, Financial Analyst, Mathematics Teacher, Professor.
- Diverse and Multilingual faculty
- Personal guidance and help from the program director and program advisor.

Courses in the MS Mathematics Program (32 total units)

(11 units) Core Courses

MATH 511	Functional Analysis	3 units
MATH 512	Probabilistic Methods & Measure Theory	3 units
MATH 513	Advanced Algebra	3 units
MATH 599	Graduate Seminar (taken twice)	1 unit

(11 units) Electives

(6 units) Choose at least two electives from below:

MATH 570	Combinatorics
MATH 582	Number Theory and Cryptography
MATH 584	Algebraic Geometry and Coding Theory
MATH 587	Markov Chains and Markov Processes
MATH 588	Stochastic Analysis
MATH 590	Graduate Topics in Mathematics

6 unit of either thesis or project

MATH 597	Master Thesis
MATH 598	Master Project

(9 units) Choose at most three electives from below:

MATH 555	Actuarial Sciences
MATH 565	Research in Mathematics Education
PHYS 510	Advanced Image Analysis Techniques
PHYS 546	Pattern Recognition
COMP 554	Algorithms
COMP 569	Artificial Intelligence
COMP 571	Biologically Inspired Computing
COMP 572	Neural Networks
COMP 575	Multi-Agent Systems
COMP 578	Data Mining

What is the application process?

Applicants submit the application and supporting documents to the International Programs (IP) Office. The IP office conducts the initial review, an outside evaluation is not required except for applicants who only hold a 3-year degree. Applications that meet the minimum CSU admission requirements are sent for review by the Graduate Admissions Committee for MS Mathematics.

Minimum CSU Admission Requirements** – Please note meeting these requirements only ensures your application will be sent to the Committee. The Committee has higher standards for admission:

- Hold a bachelor's degree equivalent to a U.S. bachelor's degree. 3-year degrees accepted with WES evaluation. 180 ECTS units require an evaluation. 3-year degrees from United Kingdom do not need an evaluation. For India 3-year degrees, the university should be NAAC "A" rating, 1st division. A combo of 3-yr +1yr PGD or 3yr+1yr of M.Sc. is acceptable. Email if you have a 3-year degree and are unsure it is equivalent to a U.S. degree.
- Have a minimum 2.5 out of 4.0 cumulative undergraduate GPA or 2.5 in the last 60 semester units completed (2 years).
- Be in good standing at last institution attended.
- Meet English proficiency requirements – Acceptable exams and scores - TOEFL iBT score of 80, or IELTS score of 6.5, or PTE score of 56, or Duolingo score of 105
- Meet program specific requirements (see page 2).

Program Specific Requirements and MS Mathematics Committee expectations

The Graduate Admission Committee takes a holistic approach in reviewing applicants. All documents an applicant submits are reviewed. Applicants are selected based on who is a best match for the program based on the applicant pool.

Most of the students admitted into the MS program have a bachelor's degree in mathematics with a minimum GPA of 2.75. The admissions committee may review pre-requisites on a case-by-case basis for applicants who hold degrees in any other STEM field or closely related discipline. It is recommended that you have completed at least one semester in each of the following topics: real analysis, probability and statistics, and abstract algebra. Students lacking recommended prerequisites may be admitted conditionally and advised to take undergraduate courses necessary to prepare fully for the program.

Ready to Apply?

CHECKLIST – Documents required for an admission decision. Upload documents in the online application.

- CSUCI International Admissions Application www.Calstate.edu/Apply . Please note we share the online application with the 22 other campuses of the CSU, filter by campus and select "Cal State Channel Islands"
- \$70.00 non-refundable application fee can be paid online when submitting the application.
- **Soft Copies of Individual Mark Sheets** from the University. If degree has been awarded, include provisional certificate (certificate must be awarded before start of program). **Official Mark sheets due January, 2024**
- **English Proficiency Exam** – one of the 4 acceptable exams, soft copies ok for admission decision, official scores required after admission.
- Two letters of recommendation (professional or academic).
- Résumé or Curriculum Vitae
- Statement of Purpose

I-20 typically issued 5-7 business days after receipt of the following: Passport, Affidavit form, bank statement required. \$250 deposit towards the first semester tuition and fees.