

University of Rijeka
Department of Mathematics
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GRADUATE (M.A.) STUDY PROGRAM 'DISCRETE MATHEMATICS AND ITS APPLICATIONS'

Study program coordinator	University of Rijeka
Study program implementor	Department of Mathematics
Type of study program	full-time
Level of study program	graduate (M.A.)
Academic/professional degree awarded upon completion of study	Master of Science in Mathematics
Duration	2 years (4 semesters)
Language	English
ECTS credits (minimal number of credits required for completion of study program)	120

For more information about the curriculum, click [HERE](#).

Required educational level for enrollment: Bachelor's degree in mathematics or equivalent

Discrete mathematics is the branch of mathematics dealing with discrete mathematical structures, i.e. mathematical structure over countable sets (finite sets or sets with the same cardinality as the natural numbers).

Topics in discrete mathematics, among others, include combinatorics, graph theory, coding theory, and cryptography. Concepts from discrete mathematics are especially useful in studying and describing objects and problems in branches of computer science, such as computer algorithms, programming languages, automated theorem proving, and software development.

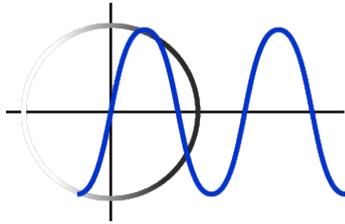
Conversely, computer implementations are significant in applying ideas from discrete mathematics to real-world problems, such as in optimization.

Application process:

STEP 1: Submitting a foreign bachelor diploma to the [University's Recognition Office](#).

STEP 2: Delivering the following application documents to the Department of Mathematics:

- proof of citizenship (passport or ID copy),
- Bachelor diploma,
- Diploma supplement (if the official transcript of records is not available),
- recognition of the foreign bachelor diploma (from the University Recognition Office),



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- application form.

STEP 3: Waiting for application results. (The results of entrance applications will be published on official department websites: <https://www.math.uniri.hr/en/dma.html> on July 3, 2020.)

Applications should be sent by post **until June 30, 2020**, to the following address:

**Department of Mathematics, University of Rijeka
Radmile Matejčić 2
51000 Rijeka
Croatia**

- Incomplete and late applications and applications sent by e-mail or fax will not be considered.
- The appeal period is **48 hours** after the results are announced.
- Enrolment schedule: **September 29, 2020, from 10:00 AM to 2:00 PM.**
- It is important that you enroll at stated times. Your enrolment is only valid for one academic year at a time.

WATCH VIDEO HERE: https://www.youtube.com/watch?v=OF_nBDd77Fs