



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2026/27
MASTER DEGREE
MATHEMATICS (Classe LM-40 R)
Enrolled in a.a. 2026/2027

HEADING

Degree classification - Denomination and code:	LM-40 R
Degree title:	Dottore Magistrale
Curricula currently available:	GENERAL / APPLICATIONS / INDUSTRIAL
Length of course:	2 years
Credits required for admission:	180
Total number of credits required to complete programme:	120
Years of course currently available:	1st
Access procedures:	Open, subject to entry requirements
Course code:	FBQ

PERSONS/ROLES

Head of Study Programme

Prof. Ghilardi Silvio

Tutors - Faculty

Tutor per orientamento:

ALZATI Alberto, CALANCHI Marta, CAMPI Luciano, CAVATERRA Cecilia, CIRAULO Giulio, FUHRMAN Marco, GARBAGNATI Alice, GORI Anna, LUPERI BAGLINI Lorenzo, MAGGIS Marco, MASTROLIA Paolo, MATESSI Diego, MOLteni Giuseppe, MONTALTO Riccardo, MONTOLI Andrea, MORALE Daniela, PAYNE Kevin, PENATI Tiziano, PIZZOCCHERO Livio, RIZZO Ottavio, SCACCHI Simone, STELLARI Paolo, SVALDI Roberto, TARSÌ Cristina, TASIN Luca, TERRANEO Elide, TORTORA Alfonso, UGOLINI Stefania, VEESER Andreas, VESELY Libor, ZAMPIERI Elena.

Degree Course website

<https://matematica-lm.cdl.unimi.it/it>

academic tutor

PENATI Tiziano

ALGANT academic tutor

MAZZA Carlo

Degree programme administration

via Celoria, 20 Phone 0250316122 su appuntamento <https://informastudenti.unimi.it/saw/ess?AUTH=SAML>

Disability academic tutor

SCACCHI Simone

ECMI academic tutor

CAUSIN Paola

Master's Degree Organization Board

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Socrates-Erasmus Board

GAETA Giuseppe (Presidente), GORI Anna, MATESSI Diego, SCACCHI Simone, PAYNE Kevin

Student registrar

CONTATTI, SEDI E ORARI <https://www.unimi.it/it/node/359> <https://www.unimi.it/it/node/360>

Timetables Board

LOVADINA Carlo (Presidente), ZAMPIERI Elena, ZANOTTI Pietro

Web pages and website academic tutors

PALEARI Simone

CHARACTERISTICS OF DEGREE PROGRAMME

General and specific learning objectives

The core objectives of the Master's degree in Mathematics are:

- to provide a solid and in-depth mathematical understanding, allowing students to specialise in a branch of mathematics and to get acquainted with some of its latest developments;
- to equip students with the mathematical tools necessary for contextualising, analysing and solving complex theoretical as well as practical problems, including problems related to other scientific fields;
- to provide students with an adequate knowledge base to build upon, allowing them to assimilate future advancements in the field of mathematics.

Expected learning outcomes

A - KNOWLEDGE AND UNDERSTANDING

Upon completion of the degree, Master's graduates in Mathematics will have:

- advanced knowledge and understanding of modern mathematics, in terms of both theory and practical applications;
- in-depth knowledge and understanding of at least one branch of mathematics, depending on the chosen curriculum;
- familiarity with information technology and computational tools used to support mathematical practice.

The acquisition of this knowledge and understanding is achieved primarily through the proposed learning activities (classes, exercises, laboratories and tutoring sessions) and verified by end-of-course exams.

B - APPLYING KNOWLEDGE AND UNDERSTANDING

Master's graduates in Mathematics will be able to:

- independently use proof techniques and other tools pertaining to the different branches of mathematics in order to solve complex problems;
- solve very difficult and abstract problems pertaining to at least one branch of mathematics (depending on the chosen curriculum), by producing correct and possibly original proofs, as well as by proficiently deploying information technology and computational tools where necessary.

These abilities are tested primarily by end-of-course exams.

C - MAKING JUDGEMENTS

Master's graduates in Mathematics will be able to:

- build and develop logical arguments by clearly identifying assumptions and conclusions;
- identify correct proofs and detect fallacious reasoning;
- propose and analyse mathematical models of real-world situations pertaining to natural sciences, social economics and other subjects, as well as to use these models to facilitate the study of those situations.

They will also have developed the ability to work in team as well as independently.

The above-mentioned abilities are tested during mathematical modelling laboratories and when assessing the student's final thesis.

D - COMMUNICATION SKILLS

Master's graduates in Mathematics will be able to:

- communicate mathematical problems, ideas and solutions ? devised by themselves or others ? to a specialist or generalist audience, both orally and in writing;
- interact with experts in other fields, by recognising the possibility of mathematically formalising practical situations, also in industry and finance, and identifying suitable mathematical models to support activities in different domains.

These skills will be assessed on the basis of the final thesis and its defence, as well as by examining how students prepare and deliver seminar-style presentations.

E - LEARNING SKILLS

Master's graduates in Mathematics:

- will be able to pursue a PhD, whether in Italy or in another country, with a good degree of autonomy;
- will have a flexible mindset allowing them to quickly fit into a new workplace and to adjust to new problems.

They will also have an aptitude for continuous professional development and lifelong learning.

Learning skills are fostered throughout the degree programme, and particularly during the preparation of the final thesis. They are tested during end-of-course exams and the thesis defence.

Professional profile and employment opportunities

For the Master's degree in Mathematics there are two graduate profiles: MATHEMATICIAN and APPLIED MATHEMATICIAN.

MATHEMATICIAN

Job function

Typical job functions for this profile include: analysing phenomena that require a high degree of abstraction and logical rigour; managing and analysing large amounts of complex data; personnel training; disseminating knowledge about STEM subjects (with different degrees of details).

Professional skills

This graduate profile shows a remarkable aptitude for abstract reasoning and logical rigour and is able to use mathematical models, also in innovative ways, to solve the above-mentioned problems. This translates into strong problem-solving skills applicable to a wide range of scientific as well as socio-cultural situations.

Graduates falling under this profile have a solid grounding in mathematical modelling and computational mathematics, as well as advanced theoretical knowledge in at least one of the following fields: mathematical logic, algebra, geometry, didactics of mathematics, mathematical analysis.

Career opportunities

Typical career prospects for this graduate profile include high-level roles in private and public organisations, particularly:

- banks and financial companies
- insurance companies
- universities and other research institutions
- consulting firms
- the aerospace industry.

Graduates who have earned enough credits in certain subject areas, as provided for by the laws in force, may take admission tests for training courses for secondary school teaching.

APPLIED MATHEMATICIAN

Job function

Typical job functions for this profile include: analysing any phenomena (in the field of physics, biology, medicine, etc.) whose understanding requires accurate mathematical modelling; managing and analysing large amounts of complex data; using sophisticated scientific and management software programmes in business settings; disseminating knowledge about STEM subjects (with different degrees of details).

Professional skills

This graduate profile shows a remarkable aptitude for the formalisation and modelling of real-life problems, including highly complex ones, and is able to use mathematical models, also in innovative ways, to solve these problems. This translates into strong problem-solving skills applicable to a wide range of scientific as well as socio-cultural situations.

Graduates falling under this profile have a solid grounding in theoretical mathematics, as well as advanced knowledge of mathematical modelling and computational mathematics in at least one of the following fields: mathematical probability and statistics, mathematical physics, numerical analysis.

Career opportunities

Typical career prospects for this graduate profile include high-level roles in private and public organisations, particularly:

- banks and financial companies
- insurance companies
- universities and other research institutions

- survey institutes
- software development companies
- the aerospace industry.

Graduates who have earned enough credits in certain subject areas, as provided for by the laws in force, may take admission tests for training courses for secondary school teaching.

Initial knowledge required

Admission assessment:

Candidates are required to submit a specific application for admission to the Master's degree programme in Mathematics (see the link: <https://www.unimi.it/en/study/bachelor-and-master-study/degree-programme-enrolment/enrolment-masters-programme/open-admission-master-programmes>).

We discourage students who, as of 9 September 2026, fall short of the 180 credit (CFU) requirement for earning a Bachelor's degree by more than 40 CFU, from applying for admission.

Those who graduated from the Bachelor's degree programme in Mathematics of the University of Milan with at least 95/110 will be waived from the knowledge and curricular assessment requirement.

Applications will be reviewed by a special commission of the Mathematics Academic Board, which will meet at least twice a year. The commission may consider only the documents submitted by applicants, though as a rule it will also interview them. Interviewees must show a photo ID.

Interview dates:

19 May 2026: session reserved for non-EU students requesting visas (electronically)

16 June 2026 (possibly online)

15 September 2026 (possibly online)

11 November 2026 (possibly online)

11 January 2027 (possibly online)

The time will be announced later on.

The Commission may decide:

a) to admit the applicant without any restrictions;

b) to admit the applicant with the requirement to include certain courses (possibly within a Bachelor's degree programme) in his/her study plan. Any requirements are included in the 120 CFU provided for by the programme and do not constitute an additional requirement for the applicant;

c) not to admit the applicant.

Compulsory attendance

Attendance is strongly recommended for each course.

Internship criteria

The regulations for teaching and dissemination laboratories are available at <https://matematica-lm.cdl.unimi.it/it/studiare/stage-e-tirocini>.

Degree programme final exams

For candidates to be admitted to the final exam, they must have earned 93 credits. The exam test consists of defending a thesis worth 27 credits prepared under the guidance of a faculty member (supervisor).

Campus

via Celoria 2

via Celoria 10

via Celoria 18

via Celoria 20

via Colombo 62

via Golgi 19

via Mangiagalli 25

via Mangiagalli 31

via Mangiagalli 32

via Valvassori Peroni 21

via Venezian 15

Laboratories

Via Celoria 20

EXPERIENCE OF STUDY ABROAD AS PART OF THE TRAINING PROGRAM

The University of Milan supports international mobility by providing its students with the opportunity to spend study and internship periods abroad. It is a unique chance to enrich your educational path in a new exciting environment.

The agreements entered into by the University with over 300 universities from the 27 EU member countries under the European Erasmus+ programme allow regularly enrolled students to carry out part of their studies at one of the partner universities or to undertake internships at companies, training and research centres and other organisations.

Similar international mobility opportunities are provided outside Europe, through agreements with a number of prestigious institutions.

The University of Milan is a member of the 4EU+ European University Alliance that brings together eight public multidisciplinary universities: University of Milan, Charles University of Prague, Heidelberg University, Paris-Panthéon-Assas University, Sorbonne University of Paris, University of Copenhagen, University of Geneva, and University of Warsaw. The 4EU+ Alliance offers integrated educational pathways and programmes to promote the international mobility of students (physical, blended and virtual).

Study and internships abroad

The Master of Science in Mathematics has long been committed to insert its educational activities in an international framework through integrated programs of study. We activated several international cooperation agreements with other universities in Europe and in the world (in Canada, South Africa and India).

The programs ALGANT, Master in Algebra, Geometry and Number Theory, and ECMI, Master in Industrial Mathematics, programs are unique in Europe for pure and industrial mathematics.

These programs are supported by international university consortia and are targeted to the conferment of academic value recognized abroad (that is double degrees) and to the promotion of European higher education. For more information see the institutional web pages

<http://www.algant.eu/>

<http://www.ecmi-indmath.org/>

Moreover, in the Erasmus program, we have exchange agreements with universities Austria, Czech Republic, Denmark, Finland, France, Germany, Holland, Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden.

See the website <http://users.unimi.it/erasmusmat/> for information collected on the various programs of internationalization and the activities carried out abroad.

How to participate in Erasmus mobility programs

How to participate in Erasmus+ mobility programmes

The students of the University of Milan can participate in mobility programmes, through a public selection procedure.

Ad hoc commissions will evaluate:

- Academic career
- the candidate's proposed study programme abroad
- his/her foreign language proficiency
- the reasons behind his/her application

Call for applications and informative meetings

The public selection for Erasmus+ mobility for study generally begins around February each year with the publication of a call for applications specifying destinations and requirements. Regarding the Erasmus+ Mobility for Traineeship, the University of Milan usually publishes two calls a year enabling students to choose a destination defined by an inter-institutional agreement or to find a traineeship position on their own.

The University organises informative meetings to illustrate mobility opportunities and rules for participation.

Erasmus+ scholarship

The European Union grants the winners of the Erasmus+ programme selection a scholarship to contribute to their mobility costs, which may be supplemented by the University funding for disadvantaged students.

Language courses

Students who pass the selections for mobility programmes can benefit from intensive foreign language courses offered each year by the University Language Centre (SLAM).

<https://www.unimi.it/en/node/8/>

Learn more at <https://www.unimi.it/en/node/274/>

For assistance, please contact:

International Mobility Office

Via Santa Sofia 9 (second floor)

Tel. 02 503 13501-12589-13495-13502
 Contacts: InformaStudenti;
 Student Desk booking through InformaStudenti

End of course requirements common to all curricula			
Final Exam		27	NN
	Total compulsory credits	27	

ACTIVE CURRICULA LIST

GENERAL Course years currently available: 1st
 APPLICATIONS Course years currently available: 1st
 INDUSTRIAL Course years currently available: 1st

Procedure for choosing a curriculum

When submitting their study plan, students must choose one of the following curricula: General, Applications or Industrial. For information on the submission of the study plan, see <https://www.unimi.it/en/study/bachelor-and-master-study/following-your-programme-study/plan-study>

CURRICULUM: [FBQ-A] GENERAL

Qualifying Training Objectives

The specific objective of this curriculum is to provide a remarkably in-depth understanding of at least one branch of mathematics, by having students attend a significant number of courses that require a high degree of logical rigour and abstraction. Additionally, all curricula aim to provide students with the subject-specific knowledge necessary for a career in teaching.

Skills acquired

Aptitude for abstract reasoning, ability to formalise and/or model real-life problems as well as to solve them by using the many tools of mathematics.

Professional profile and employment possibilities

The graduate profile and career opportunities for students opting for this curriculum are described in the section: MATHEMATICIAN

Further elective courses Curriculum-specific features GENERAL			
Advanced Probability		9	MATH-03/B
Algebraic Number Theory		6	MATH-02/A
Algebraic Topology		6	MATH-02/B
Commutative Algebra		6	MATH-02/A
Complex Analysis		9	MATH-03/A
Complex Analysis		6	MATH-03/A
Complex Geometry		6	MATH-02/B
Complex manifolds		9	MATH-02/B
Complex manifolds		6	MATH-02/B
Didactics of Geometry		6	MATH-01/B
Didactics of Infinitesimal Calculus		6	MATH-01/B
Differential geometry		6	MATH-02/B
Dynamical Systems 1		6	MATH-04/A
Functional Analysis		6	MATH-03/A
Hamiltonian System 1		9	MATH-04/A
Hamiltonian System 1		6	MATH-04/A
Mathematical Logic 1		9	MATH-01/A
Mathematical Logic 1		6	MATH-01/A
Mathematical Logic 2		6	MATH-01/A
Mathematical Methods in Quantum Mechanics		6	MATH-04/A
Numerical Methods for Partial Differential Equations 1		9	MATH-05/A
Numerical Methods for Partial Differential Equations 2		9	MATH-05/A
Partial Differential Equations		9	MATH-03/A
Partial Differential Equations		6	MATH-03/A
Real Analysis		6	MATH-03/A
Relativity 1		9	MATH-04/A
Relativity 1		6	MATH-04/A
Representation theory		6	MATH-02/A
Stochastic Calculus and Applications		9	MATH-03/B
		6	MATH-03/A
Advanced Mathematical Statistics		9	MATH-03/B
Advanced Partial Differential Equations		6	MATH-03/A
Advanced Topics in Analytic Number Theory		6	MATH-03/A
Advanced Topics in Complex Analysis		6	MATH-03/A
Advanced Topics in Probability Theory		6	MATH-03/B
Algebra 4		9	MATH-02/A

Algebra 4	6	MATH-02/A
Algebraic and Categorical Logic	6	MATH-01/A
Algebraic Combinatorics	6	MATH-02/A
Algebraic Surfaces	6	MATH-02/B
Arithmetic Geometry	6	(3) MATH-02/B, (3) MATH-02/A
Automated Reasoning	6	MATH-01/A
Biomathematics 2	6	(3) MATH-05/A, (3) MATH-03/B
Biomathematics 3	6	MATH-04/A
Calculus of Variations	6	MATH-03/A
Categorical dualities in logic and algebra	6	MATH-01/A
Category Theory	9	MATH-02/A
Category Theory	6	MATH-02/A
Computability and computational complexity	6	INFO-01/A
Constructive Approximation	6	MATH-05/A
Didactics of Mathematic	9	MATH-01/B
Didactics of Mathematic	6	MATH-01/B
Differential Topology	6	MATH-02/B
Dynamical System 2	6	MATH-04/A
Elementary Mathematics from an Advanced Standpoint 1	6	MATH-01/B
Epistemology of the Mathematical processes	6	(3) MATH-01/B, (3) MATH-01/A
Evolutionary Partial Differential Equations	6	MATH-03/A
Foundations of mathematics I	6	MATH-01/B
Fourier Analysis	6	MATH-03/A
Geometry 5	9	MATH-02/B
Geometry 5	6	MATH-02/B
Geometry of schemes	9	MATH-02/B
Geometry of schemes	6	MATH-02/B
HIGHER GEOMETRY 2	6	MATH-02/B
History of Mathematics 1	6	MATH-01/B
Homological Algebra	6	MATH-02/A
Lie Groups	6	MATH-02/B
Mathematical Analysis 5	6	MATH-03/A
Mathematical Fluid-Mechanics	6	MATH-04/A
Numerical Linear Algebra	6	MATH-05/A
Operating systems and computer networks	6	INFO-01/A
Optimal Transport and Applications.	6	MATH-03/A
Point Processes and Random Sets	6	MATH-03/B
Preparation of didactical experiences 1	6	PHYS-06/B
Preparation of future teachers 2	6	PHYS-06/B
Projective Algebraic Geometry	6	MATH-02/B
Riemannian Geometry	6	MATH-02/B
Scientific Computing	6	MATH-05/A
Stochastic Control Optimization	6	MATH-03/B
Financial technologies	3	NN
Laboratory of Education and Public Engagement	3	NN
Laboratory of Mathematical Methods and Models in Python	3	NN
Supplementary Seminar in an advanced mathematics area	3	NN

CURRICULUM: [FBQ-B] APPLICATIONS

Qualifying Training Objectives

The specific objective of this curriculum is to provide an in-depth understanding of at least one branch of mathematics, by having students attend a significant number of courses focusing on mathematical techniques for the modelling and numerical simulation of natural, biomedical, social and economic phenomena and technological problems. In relation to particular learning goals, students may also be required to undertake activities outside the University, for example internships at companies and laboratories.

Additionally, all curricula aim to provide students with the subject-specific knowledge necessary for a career in teaching.

Skills acquired

Aptitude for abstract reasoning, ability to formalise and/or model real-life problems as well as to solve them by using the many tools of mathematics.

Professional profile and employment possibilities

The graduate profile and career opportunities for students opting for this curriculum are described in the section: APPLIED MATHEMATICIAN

Further elective courses Curriculum-specific features APPLICATIONS		
Advanced Mathematical Statistics	9	MATH-03/B
Advanced Probability	9	MATH-03/B
Complex Analysis	9	MATH-03/A
Complex Analysis	6	MATH-03/A
Didactics of Geometry	6	MATH-01/B
Didactics of Infinitesimal Calculus	6	MATH-01/B
Dynamical Systems 1	6	MATH-04/A
Functional Analysis	6	MATH-03/A

Hamiltonian System 1	9	MATH-04/A
Hamiltonian System 1	6	MATH-04/A
Mathematical Finance 1	9	STAT-04/A
Mathematical Methods in Quantum Mechanics	6	MATH-04/A
Numerical Methods for Partial Differential Equations 1	9	MATH-05/A
Numerical Methods for Partial Differential Equations 2	9	MATH-05/A
Partial Differential Equations	9	MATH-03/A
Partial Differential Equations	6	MATH-03/A
Real Analysis	6	MATH-03/A
Relativity 1	9	MATH-04/A
Relativity 1	6	MATH-04/A
Stochastic Calculus and Applications	9	MATH-03/B
	6	MATH-03/A
	12	BIOS-08/A
	9	BIOS-04/A
	6	MATH-06/A
	9	BIOS-05/A
	9	BIOS-06/A
	9	BIOS-14/A
	6	INFO-01/A
	6	MATH-06/A
Advanced Partial Differential Equations	6	MATH-03/A
Advanced Topics in Financial Mathematics	6	STAT-04/A
Advanced Topics in Probability Theory	6	MATH-03/B
Algebra 4	9	MATH-02/A
Algebra 4	6	MATH-02/A
Biomathematics 2	6	(3) MATH-05/A, (3) MATH-03/B
Biomathematics 3	6	MATH-04/A
Calculus of Variations	6	MATH-03/A
Computability and computational complexity	6	INFO-01/A
Constructive Approximation	6	MATH-05/A
Didactics of Mathematic	9	MATH-01/B
Didactics of Mathematic	6	MATH-01/B
Dynamical System 2	6	MATH-04/A
Elementary Mathematics from an Advanced Standpoint 1	6	MATH-01/B
Evolutionary Partial Differential Equations	6	MATH-03/A
Foundations of mathematics I	6	MATH-01/B
Fourier Analysis	6	MATH-03/A
Geometry 5	9	MATH-02/B
Geometry 5	6	MATH-02/B
History of Mathematics 1	6	MATH-01/B
Lie Groups	6	MATH-02/B
Mathematical Analysis 5	6	MATH-03/A
Mathematical Economics 1	6	STAT-04/A
Mathematical Finance 2	6	STAT-04/A
Mathematical Fluid-Mechanics	6	MATH-04/A
Mathematical Modelling Laboratory	6	(2) MATH-04/A, (2) MATH-05/A, (2) MATH-03/B
Numerical Linear Algebra	6	MATH-05/A
Operating systems and computer networks	6	INFO-01/A
Optimal Transport and Applications.	6	MATH-03/A
Point Processes and Random Sets	6	MATH-03/B
Scientific Computing	6	MATH-05/A
Stochastic Control Optimization	6	MATH-03/B
Financial technologies	3	NN
Laboratory of Education and Public Engagement	3	NN
Laboratory of Mathematical Methods and Models in Python	3	NN
Supplementary Seminar in an advanced mathematics area	3	NN

CURRICULUM: [FBQ-C] INDUSTRIAL

Qualifying Training Objectives

The specific objective of this curriculum is to provide an in-depth understanding of at least one branch of mathematics, by having students attend a significant number of interdisciplinary courses focusing on the modelling, simulation and optimisation of industrial, social, economic, technological and biomedical problems, as well as on the development of teamwork and communication skills.

In relation to particular learning goals, students may also be required to undertake activities outside the University, for example internships at companies and laboratories.

Additionally, all curricula aim to provide students with the subject-specific knowledge necessary for a career in teaching.

Skills acquired

Aptitude for abstract reasoning, ability to formalise and/or model real-life problems as well as to solve them by using the many tools of mathematics.

Professional profile and employment possibilities

The graduate profile and career opportunities for students opting for this curriculum are described in the section: APPLIED MATHEMATICIAN

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Further elective courses Curriculum-specific features INDUSTRIAL		
Advanced Mathematical Statistics	9	MATH-03/B
Dynamical Systems 1	6	MATH-04/A
Functional Analysis	6	MATH-03/A
Hamiltonian System 1	9	MATH-04/A
Hamiltonian System 1	6	MATH-04/A
Numerical Methods for Partial Differential Equations 1	9	MATH-05/A
Numerical Methods for Partial Differential Equations 2	9	MATH-05/A
Partial Differential Equations	9	MATH-03/A
Partial Differential Equations	6	MATH-03/A
Real Analysis	6	MATH-03/A
Stochastic Calculus and Applications	9	MATH-03/B
	6	MATH-06/A
	6	INFO-01/A
	6	MATH-06/A
Advanced Partial Differential Equations	6	MATH-03/A
Advanced Probability	9	MATH-03/B
Advanced Topics in Financial Mathematics	6	STAT-04/A
Advanced Topics in Probability Theory	6	MATH-03/B
Biomathematics 2	6	(3) MATH-05/A, (3) MATH-03/B
Biomathematics 3	6	MATH-04/A
Calculus of Variations	6	MATH-03/A
Complex Analysis	9	MATH-03/A
Complex Analysis	6	MATH-03/A
Constructive Approximation	6	MATH-05/A
Dynamical System 2	6	MATH-04/A
Evolutionary Partial Differential Equations	6	MATH-03/A
Fourier Analysis	6	MATH-03/A
Geometry 5	9	MATH-02/B
Geometry 5	6	MATH-02/B
Mathematical Analysis 5	6	MATH-03/A
Mathematical Economics 1	6	STAT-04/A
Mathematical Finance 1	9	STAT-04/A
Mathematical Finance 2	6	STAT-04/A
Mathematical Fluid-Mechanics	6	MATH-04/A
Mathematical Methods in Quantum Mechanics	6	MATH-04/A
Numerical Linear Algebra	6	MATH-05/A
Operating systems and computer networks	6	INFO-01/A
Point Processes and Random Sets	6	MATH-03/B
Relativity 1	9	MATH-04/A
Relativity 1	6	MATH-04/A
Scientific Computing	6	MATH-05/A
Stochastic Control Optimization	6	MATH-03/B
Algant Summer School	3	NN
ECMI Modelling week	3	NN
Financial technologies	3	NN
Internship in Industry	6	NN
Laboratory of Mathematical Methods and Models in Python	3	NN
Supplementary Seminar in an advanced mathematics area	3	NN

COURSE PROGRESSION REQUIREMENTS

There are no prerequisites.