



UNIVERSITÀ
di **VERONA**

Master's Degree in Mathematics

LM-40 Master's degree class in Mathematics

**DIDACTIC REGULATIONS OF THE DEGREE
PROGRAMME**

**ACADEMIC YEAR 2026/27
COHORT 2026/27**

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GENERAL INFORMATION

1.	WEBSITE	The web pages of the degree programme provide an overview of the course, its organization, the regulations governing its functional aspects, and other University regulations on topics useful to the student community. The quality assurance system and orientation services for future freshmen are also described. Information regarding the practical organization of the course, the conduct of teaching activities, educational opportunities, and useful contacts throughout the entire study path up to the final graduation can be found here. Procedures and methods for enrolling in the degree programme, the entry requirements, and support services for students, including international ones, are illustrated. Furthermore, contacts, FAQs, notices, services, and opportunities offered by the University are available
2.	CONTACT PERSON	Prof. Antonio Marigonda. Chairs the Quality Assurance (QA) Group, which oversees the design and self-assessment of the Degree Programme according to the guidelines provided by the Quality Assurance Board.
3.	CHAIR OF THE TEACHING COMMITTEE	Prof. Marco Caliri. The Teaching Committee provides for the planning, organization, coordination, verification, and quality assurance of teaching activities; it proposes potential changes to the degree system and regulations of the degree programme, and decides on requests from students regarding their educational path.
4.	REFERENCE STUDENT SECRETARIAT	Operational Unit - Science and Engineering Student Secretariat
5.	FACULTY, SYLLABI, AND OFFICE HOURS	Each professor has their own web page where they publish information related to teaching and research activities. Professors' pages can be accessed from the degree programme website. Syllabi are published on the web page of each course. Office hours are published on the web page of each professor.
6.	DURATION	2 years
7.	LOCATION	Strada Le Grazie 15, 37134 Verona
8.	AFFILIATED DEPARTMENT/SCHOOL	Department of Computer Science. Teaching activities are coordinated and managed by the Teaching Committee of Mathematics and Data Science, a governing body of the Department of Computer Science
9.	CURRICULA	Applied – Education - Erasmus Mundus MATHS DISC - General
10.	LANGUAGE OF INSTRUCTION	English
11.	MODE OF DELIVERY	Conventional
12.	TEACHING MATERIALS	Students have the right to use any teaching materials made available for the course. If the Moodle e-learning platform has been activated and/or the recording of lectures is provided, the teaching materials remain available for the time specified by the university guidelines
13.	ADMISSION	Open access
14.	DEGREE REQUIRED FOR ADMISSION	Bachelor's degree or three-year university diploma, or another qualification acquired abroad and recognized as suitable
15.	CURRICULAR REQUIREMENTS AND ADEQUATE PERSONAL PREPARATION	Reference web page for curricular requirements and personal preparation. To be admitted to the Master's Degree in Mathematics, applicants must hold a Bachelor's degree or a three-year university diploma. Furthermore, candidates must have acquired at least 60 CFUs in the scientific-disciplinary sectors MATH (MAT), PHYS (FIS), INFO/01 (INF/01), IINF-05/A (ING-INF/05), of which at least: A total of 36 CFUs in the scientific-disciplinary sectors MATH (MAT) A total of 15 CFUs in the scientific-disciplinary sectors PHYS (FIS), INFO/01 (INF/01), IINF-05/A (ING-INF/05). The fulfillment of requirements for students holding a foreign degree will be assessed by the selection committee for international students. Finally, a minimum of B2 level in English is required.

16.	ENROLMENT	Reference web page for enrolment
17.	UNIVERSITY EDUCATIONAL CREDITS (CFU)	Each CFU normally corresponds to 25 hours of total workload for the students. The different types of contact hours/teaching activities provide the following HOURS/CFU ratios: - Lecture: 8 HOURS/CFU - Exercise/Laboratory: 12 HOURS/CFU - Professional Internship/Traineeship: 25 HOURS/CFU Among the Type C courses, there is room for experimental forms of teaching based on the well-established European model of British "Reading courses" or German "Seminare/Oberseminare". These are 6-CFU courses called "seminar courses", which may include lecture cycles by foreign professors invited within the framework of the LM40 internationalization project, and involve a tenured professor of the University as coordinator/instructor, with a teaching workload quantified at 1 CFU.

COURSES		
18.	STUDY PLAN	The study plan is the list of courses and other educational activities that must be completed during one's university career. Study plan
19.	COURSES BY PERIOD	This is the list of courses offered in the reference academic year, divided by period and year of enrolment. Courses by period

RULES ON THE TRAINING PATH		
20.	ASSESSMENT METHODS	The assessment method for each course is established by the coordinating professor in order to ascertain the candidate's intellectual maturity and their comprehensive preparation in the subject of the exam, without being limited to the notions taught during the course. For the purpose of a correct, complete, and consistent evaluation of preparation, should elements emerge that require further investigation with respect to the positive outcome of an exam carried out according to the indications in the course syllabus, the coordinating professor—having consulted the other instructors of the course and notified the Programme Contact Person and the Chair of the Teaching Committee—may arrange a supplementary assessment. This assessment, which may also be conducted on a sample basis, aims to verify the understanding and autonomy of application of the

		methods used for the original test, or equivalent methods. The outcome of the assessment will either confirm the positive evaluation or result in an insufficient evaluation, and will be recorded as such with the student note "Insufficient grade following supplementary assessment". Failure to participate in the supplementary assessment, in the absence of a duly documented justified reason, will be equated to withdrawal from the exam and will be recorded as such with the student note "Withdrawn due to non-participation in the supplementary assessment".
21.	PREREQUISITES	The course does not have any prerequisites.
22.	BARRIERS	The course does not feature any progression barriers
23.	CHOICE OF CURRICULUM	The Master's Degree in Mathematics features a study plan organized into four curricula: – Applied – Education – Erasmus Mundus MATHS DISC – General Students choose the curriculum that defines their educational path at the time of matriculation. Each curriculum specifies a set of compulsory courses and, if applicable, a set of elective courses. Any transfer from one curriculum to another is permitted within the deadline established annually by the University. Specifically, the Erasmus Mundus MATHS DISC curriculum is reserved for students selected for the Erasmus Mundus Joint Project MATHS DISC, a European project of excellence led by this degree programme. The other international partner universities are: University of Wuppertal (Germany), Igor Sikorsky Kyiv Polytechnic Institute (Ukraine), Universidade de Lisboa (Portugal), and Université Grenoble Alpes (France). For further information, please refer to the project page. The Applied, Education, and General curricula allow students to undertake a double degree programme with Universität Stuttgart (Germany). The Applied and General curricula allow students to undertake a double degree with Université Bourgogne Franche-Comté (UBFC) (France). The Applied curriculum allows students to undertake a double degree with Institut Polytechnique de Grenoble (France). The Applied curriculum also allows students to obtain the certificate of the ECMI consortium (European Consortium for Mathematics in Industry), for which this degree programme is a Teaching Center, by choosing educational paths that comply with the requirements of the ECMI Master Model.
24.	ELECTIVE ACTIVITIES (D)	12 CFUs are reserved for elective activities (Type "D"). These activities may include all courses taught at the University of Verona, including those in degree programmes of different levels, as well as other educational activities and periods of professional internship/traineeship. In choosing Type D activities, students must keep in mind that approval will take into account the consistency of their choices with the specific educational objectives of the degree programme and the adequacy of any motivations provided. A non-exhaustive list of activities is available on the relevant web page
25.	TRANSVERSAL FORMATIVE ACTIVITIES (F), STAGE, INTERNSHIPS, OTHER	6 CFUs (Type "F") are reserved for further educational activities, which may include seminars, mini-courses, additional language skills (including Italian for foreigners), computer and digital skills, training and orientation internships, and other knowledge useful for entry into the labor market (including seminars and mini-courses). 3 CFUs are recognized for each foreign language level equal to or higher than C1 for English, and equal to or higher than A2 for other foreign languages or Italian for foreigners. International students must acquire at least 3 CFUs of Italian language for foreigners. The maximum number of

		CFUs that can be recognized in the student's career for languages is set at 6. Internship/professional traineeship activities are agreed upon in advance, and subsequently certified, by the person appointed as the academic tutor in accordance with the "Regulations for curricular internships of the University of Verona".
26.	TRANSVERSAL SKILLS	The degree programme promotes the acquisition of transversal skills aimed at a more comprehensive education, which can be utilized for subsequent entry into the workforce. It recognizes an adequate number of university educational credits for students who successfully attend the courses specifically proposed by the University's Teaching and Learning Center, on whose web page all useful information for registration is published, or by other institutions.
27.	RULES FOR SUBMITTING STUDY PLANS	The study plan is completed through an online procedure where the desired courses are selected from the educational offerings of the programme, based on specific choice rules.
28.	INDIVIDUAL STUDY PLAN	Upon request, it is possible to obtain the degree according to an individual study plan that includes educational activities different from those provided for in the didactic regulations, provided they are consistent with the degree system of the programme for the academic year of matriculation. The application for an individual plan is submitted to the Teaching Committee for review.
29.	ATTENDANCE	Attendance is generally not compulsory, with the sole exception of certain laboratory activities. For these, the number of hours for which attendance is mandatory will be clearly indicated in the syllabus of the corresponding course.
30.	TUTORING FOR STUDENTS	To guide and assist students throughout their training path, tutoring duties are assigned to certain professors, whose names are indicated in the <i>Scheda Unica Annuale</i> (SUA-CdS) available on the following web page. Furthermore, a tutoring service carried out by Master's or PhD students is established to share their university experience in support of future freshmen and fellow peers.
31.	TRANSFER FROM ANOTHER DEGREE PROGRAMME	" Internal transfer " refers to changing the degree programme within the University of Verona. External transfer on the other hand, concerns students coming from another University to the University of Verona. The relevant procedures are outlined on the Student Secretariat web pages .
32.	RECOGNITION OF PRIOR CAREER	This refers to the evaluation of a previous academic career for the purposes of an internal transfer, an incoming external transfer, or a withdrawal from studies, through the partial or total recognition of previously acquired CFUs, depending on the correspondence between the two educational paths. The submission procedure is outlined on the Student Secretariat page Recognition of Prior Career . Applications are evaluated by the Teaching Committee.
33.	DOUBLE ENROLMENT RECOGNITION	Students enrolled simultaneously in two different degree programmes may request the Teaching Committee to recognize the credits acquired in the other degree programme in which they are concurrently enrolled, up to a maximum of one-third of the total credits required by the programme in which recognition is requested.
34.	NUMBER OF EXAM SESSIONS	There are three exam sessions and four exam dates (<i>appelli</i>) per academic year, in addition to any partial/midterm exams (<i>prove in itinere</i>). Individual professors retain the right to schedule additional exam dates.
35.	FLEXIBLE PATHS FOR SPECIFIC NEEDS	Career management takes into account the specific needs of students, in compliance with the University's Didactic Regulations. <u>Disabilities, Specific Learning Disorders (SLD/DSA), and Special Educational Needs (SEN/BES):</u> With particular attention to disabilities and specific learning disorders (SLD), the degree programme and the dedicated structure pursue the university inclusion of students with

		disabilities and specific learning disorders. To this end, it promotes the removal of material and immaterial obstacles that prevent full inclusion, and also promotes the adoption of mutually agreed accommodations for participation in lectures, exams, other teaching activities, and university life in general, in compliance with applicable legislation and without prejudice to the teaching autonomy of professors. In particular, the degree programme facilitates accessibility to structures and teaching materials, and promotes the use of distance learning methods (synchronous or asynchronous) to meet specific needs expressed by students with disabilities or specific learning disorders. Within the limits of applicable regulations, it favors the university inclusion of students with special educational needs. <u>Part-time Enrolment :</u> The part-time status regulates exclusively the duration of the university career and the related financial fees, allowing students to obtain their degree without falling into the "delayed graduation" (<i>fuori corso</i>) status, within a period of up to twice the normal duration of the course itself. <u>Student – athlete:</u> Those who possess sports merits of particular competitive significance may access the student-athlete status. Annually, a specific notice regulates the access and retention requirements of the student-athlete status for the dual-career path, allowing them to successfully complete an academic career combined with their sports career.
36.	FINAL EXAMINATION	The graduation exam is structured to ascertain the candidate's intellectual maturity and their comprehensive preparation. 30 CFUs are reserved for the final examination (graduation exam). The final examination consists of a written thesis on a monographic topic agreed upon with a thesis supervisor (<i>relatore</i>), discussed before a graduation committee. The thesis may be a high-level compilation/literature review or more decisively oriented towards research (both basic and applied), and can be carried out at universities, research bodies, laboratories, and companies within the framework of internships and study periods in Italy or abroad. In any case, it must be developed originally under the guidance of the supervisor. A tenured professor of the University can act as the supervisor for the final thesis. The Master's Degree in Mathematics is awarded upon successfully passing the final examination, thereby acquiring the 120 CFUs established by the study plan. For further specifications, please refer to the relevant web page.
37.	FURTHER INFORMATION	In the event of any discrepancy between the English version or the degree programme web pages and the Italian version, the Italian text of these regulations shall prevail. Teaching Committee and Committee Boards The Teaching Committee establishes within itself the Student Procedures Committee, responsible for processing matters within the competence of the Teaching Committee, and the International Student Selection Committee. The Committee also appoints the Quality Assurance (QA) Committee, responsible for drafting the SUA-CdS, the Annual Monitoring Reports, and the Cyclic Review. Academic Calendar: Teaching activities are organized on a semester basis: the two lecture periods are usually October–January and March–June. Before the start of each academic year, the Teaching Committee determines the allocation of courses within the semesters. For each academic year, the academic calendar proposed by the Teaching Committee is approved and publicized on the degree programme web site.