



UNIVERSITÀ
di **VERONA**

**Master's Degree Program in
MOLECULAR AND MEDICAL BIOTECHNOLOGY
LM-9**

LM-9 CLASS OF MASTER'S DEGREES IN MEDICAL, VETERINARY AND PHARMACEUTICAL
BIOTECHNOLOGIES

DEGREE PROGRAM REGULATIONS

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

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GENERAL INFORMATION

1.	WEBSITE	On the website of the Degree Program, it is possible to view an overview of the course, its organization, the regulations governing its functional aspects, and other university regulations on topics useful for the student community. The quality assurance system and orientation services for prospective 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 field of study up to the final degree completion can be found here. Procedures and methods for enrolling in the degree program, entry requirements, and support services for students (including international students) are also outlined. Furthermore, contacts, FAQs, notices, services, and opportunities offered by the University are available. <i>Degree Program Webpage</i>
2.	PROGRAM COORDINATOR	<i>Prof. Alejandro Giorgetti</i> Chairs the Quality Assurance (QA) Group, which oversees the design and self-assessment of the Degree Program according to the guidelines provided by the Quality Assurance Committee.
3.	CHAIR OF THE TEACHING COMMITTEE	<i>Prof. Alejandro Giorgetti</i> The Teaching Committee provides for the planning, organization, coordination, verification, and quality assurance of teaching activities; proposes potential amendments to the structure and regulations of the Degree Program; and decides on student requests regarding their educational pathway.
4.	DEGREE PROGRAM STUDENT REGISTRY OFFICE	<i>Operational Unit - Student Registry Office for Science and Engineering</i> "Career Management"
5.	FACULTY, COURSE SYLLABI, AND OFFICE HOURS	Every professor has a personal webpage where they publish information related to teaching and research activities. Faculty webpages can be accessed via the Degree Program website. Course syllabi are published on the webpage of each individual course. Office hours are published on each professor's webpage.
6.	DURATION	2 years
7.	LOCATION	Strada Le Grazie 15, 37134 Verona
8.	AFFILIATED DEPARTMENT/SCHOOL	Biotechnology
9.	CURRICULUM	Single/Unified
10.	LANGUAGE OF INSTRUCTION	English
11.	MODE OF DELIVERY	<i>"Conventional"</i>
12.	TEACHING MATERIALS	Students have the right to use any teaching materials made available for the course. If the instructor has activated the Moodle e-learning platform, the materials contained therein remain available to students for a number of years equal to, at most, the standard duration of the degree program. If the instructor has provided video recordings of the lectures, the videos remain available to students on the Panopto platform for the current and previous academic year.
13.	ADMISSION	Open access
14.	ENTRY QUALIFICATION REQUIREMENT	A three-year Bachelor's degree or university diploma, or another qualification acquired abroad and recognized as eligible.
15.	CURRICULAR REQUIREMENTS AND ASSESSMENT OF PERSONAL PREPARATION	Curricular Requirements
16.	ENROLLMENT	Enrollment

17.	UNIVERSITY EDUCATIONAL CREDITS (CFU)	As a rule, 1 CFU corresponds to 25 hours of overall student workload. The different types of teaching activities involve the following CFU/HOURS ratios: - Lecture: 8 hours per CFU - Practical exercise/laboratory: 12 hours per CFU - Professional internship/placement: 25 hours per CFU
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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 PER TERM	This is the list of courses offered in the reference academic year, subdivided by term and enrollment year. " Courses per term "

ACADEMIC JOURNEY RULES		
20.	ASSESSMENT METHODS	Learning objectives, syllabus, reference texts, teaching materials, and assessment methods are defined for each educational activity. The "course sheets" (schede insegnamento) are published on the website of each Degree Program under the " courses " section.
21.	PREREQUISITES	An exam is defined as a prerequisite if it must necessarily be passed before taking another exam. The course does not have any prerequisites.
22.	PROGRESSION BARRIERS	A progression barrier refers to the requirement needed to enroll in the following year of the course. The course does not have any progression barriers.
23.	ELECTIVE ACTIVITIES CHOSEN BY THE STUDENT (D)	12 CFUs are reserved for elective activities chosen by the student. These activities include courses taught at the University of Verona, as well as periods of professional internship/placement. The recognition of these CFUs must be evaluated by the Teaching Committee based on the coherence of the chosen activities with the educational pathway. The Teaching Committee initiates specific actions to improve the internationalization levels of the curricula, including the structured inclusion of study periods abroad within the study plans and by encouraging the conduct of educational activities in English. Activities within Type D scope
24.	TRANSVERSAL TRAINING ACTIVITIES (F), INTERNSHIPS, PLACEMENTS, OTHER	Professional internship/placement activities are agreed upon in advance and subsequently certified by the responsible professor or tutor, along with the evaluation of the established educational goals and the acquisition of the relevant credits. The Teaching Committee encourages the offering of internships and training placements to broaden the educational offer and to bring students closer to the working world. These activities can be carried out within the context of laboratory or seminar courses under the direct responsibility of an individual professor, or at companies accredited by the University of Verona, or public/private Research Laboratories. For the recognition of credits acquired through internships, the General University Teaching Regulations apply. Activities within Type F scope Internship and Placement Service

25.	SOFT SKILLS / TRANSVERSAL COMPETENCIES	These are educational pathways aimed at acquiring soft skills useful from a personal, professional, and civic engagement perspective, promoted by the University's Teaching and Learning Center, on whose webpage all useful information for enrollment is published. Participation in these activities may be recognized within the TAF D scope.
26.	RULES FOR SUBMITTING STUDY PLANS	The study plan is completed through an online procedure by which students select the courses they wish to take within the educational offerings of their degree program, based on specific selection rules. Information at: www.univr.it/pianidistudio
27.	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 teaching regulations, provided they are coherent with the degree program structure of the academic year of matriculation. The application for an individual plan is submitted to the competent teaching body, which evaluates its coherence.
28.	ATTENDANCE	There is no generalized mandatory attendance for lectures; however, individual professors are free to require a minimum number of attendance hours for eligibility to take the exam of the course they hold. In this case, the monitoring of attendance at teaching activities is established according to methods communicated to students in advance.
29.	STUDENT TUTORING	To guide and assist students throughout their educational path, certain professors are assigned tutoring duties. Furthermore, a Student Tutoring Service has been established, carried out by senior students already enrolled at the University, who make their university experience available to support future freshmen and fellow students. student tutoring
30.	PROGRAM TRANSFERS / INTERNAL COURSE CHANGES	"Internal course change" (passaggio) refers to changing the Degree Program within the University of Verona. "Transfer" (trasferimento), on the other hand, concerns students coming from another University who move to the University of Verona. Students wishing to transfer from another Master's Degree Program must first submit an admission application to verify fulfillment of the entry requirements. Following this verification, they can request a transfer (from another University) or an internal change (from another course within the University). The Teaching Committee is competent for validating credits obtained, with relative scores, in other degree programs in Italy or abroad. In the case of an internal change/transfer from another degree program, validation can only take place upon detailed documentation issued by the institution/course of origin (acquired officially), certifying the exams taken with the respective grades obtained and credits earned. The Teaching Committee, deliberating within 45 days from the transmission of the request, will carry out validations applying the following criteria: • For activities for which a reference to a specific scientific-disciplinary sector (SSD) is provided, the acquired credits will be validated by evaluating the content of the educational activities and the achievement of the degree program's educational objectives on a case-by-case basis. To supplement any credit deficiencies, the Teaching Committee may identify the most appropriate supplementary activities necessary to achieve the credits required for the individual activity in relation to one or more courses active in the degree program. • For activities for which no reference to a scientific-disciplinary sector is provided, the Teaching

		Committee will evaluate the content of the educational activities and their coherence with the objectives of the degree program on a case-by-case basis, considering the amount of acquired credits that can be validated within the framework of the educational activities provided in the degree program. In the event that a particular educational activity is the result of multiple activities that led to different grades, the final evaluation will be determined by the weighted average of the grades reported. Following the aforementioned evaluations, the Teaching Committee will determine the year of enrollment.
31.	RECOGNITION OF PRIOR ACADEMIC CAREER	This is the evaluation of a prior academic career for the purposes of an internal change, an incoming transfer, or a withdrawal from studies, through the partial or total recognition of previously acquired CFUs, depending on the correspondence between the two educational pathways. <i>Career Shortening</i> (Recognition of prior learning)
32.	DUAL ENROLLMENT RECOGNITION	Students simultaneously enrolled in two different degree programs may request the competent teaching body to recognize credits acquired in the other degree program up to a maximum of one-third of the total credits required by the program in which the recognition is requested.
33.	NUMBER OF EXAM SESSIONS	There are 3 exam sessions per year; each session includes 2 exam dates (appelli), spaced at least 2 weeks apart from each other.
34.	FLEXIBLE PATHWAYS FOR SPECIFIC NEEDS	Career management takes into account the specific needs of certain categories of students. <u>Disabilities, Specific Learning Disabilities (SLD/DSA), and Special Educational Needs (SEN/BES):</u> With particular attention to disabilities and specific learning disabilities (SLD), the degree program and its dedicated support structure pursue the university inclusion of students with disabilities and specific learning disabilities. To this end, it promotes the removal of material and immaterial obstacles that prevent full inclusion and promotes the adoption of shared accommodations for participation in lectures, exams, and other teaching activities, and in general for participation in the university community life, in compliance with applicable legislation and without prejudice to the teaching autonomy of professors. In particular, the degree program fosters 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 disabilities. Within the limits of applicable regulations, it favors the university inclusion of students with special educational needs. <u>Part-time Enrollment:</u> The part-time regime exclusively regulates the duration of the university career and the related economic fees, allowing students to obtain the degree without falling into the "past regular duration" (fuori corso) status, for double the standard duration of the course itself. <u>Enrollment in Single Courses:</u> It is possible to follow individual courses offered within Bachelor's and Master's degree programs for one academic year and take the corresponding exams, receiving official certification including the indication of the CFUs achieved.

		<u>Student – athlete:</u> Those possessing sports merits of particular high-level competitive significance can access the student-athlete status. Annually, a specific notice regulates the entry and retention requirements for student-athletes in the dual-career pathway, allowing them to successfully complete an academic career in combination with their sports career.
35.	FINAL EXAMINATION	The Master's degree is obtained by passing a final examination, which consists of the preparation and defense of an individual thesis written by the student in English. The candidate will highlight the experience acquired and the experimental research work carried out on a specific topic at university research laboratories, or at qualified public/private institutions or entities in the biotechnology sector. The thesis will be prepared by the student under the supervision of a faculty advisor (Relatore). To be admitted to the final exam, the student must have acquired all the credits in the educational activities provided for by the study plan, with the exception of those reserved for the final exam itself. The Committee appointed for the final exam expresses an evaluation referring to the entire course of study, taking into account the coherence between educational objectives and professional goals, the capacity for intellectual elaboration and communication, and the cultural maturity of the candidate. The final thesis will be the result of experimental work carried out on a specific topic for a period of no less than 7 months, under the supervision of a thesis advisor, possibly supported by one or more co-advisors (Correlatori). 40 CFUs are dedicated to the final exam. The thesis may be defended in either English or Italian. Each thesis can be carried out at the University of Verona or in collaboration with another entity. Each thesis involves an Advisor, possibly supported by one or more Co-advisors, and two Reviewers (Controrelatori). Together, they constitute the Evaluation Committee. The Evaluation Committee consists of one Advisor and two Reviewers. Any professor belonging to the Departments of the Science and Engineering Area or the School of Medicine and Surgery of the University can act as an Advisor. Researchers working in extra-university research institutes, research fellows (assegnisti di ricerca), post-doctoral scholarship holders, and PhD students can act as Co-advisors. The Reviewers must be professors belonging to the Science and Engineering Area or the School of Medicine and Surgery of the University. They are appointed by the Teaching Committee at least 25 days before the graduation day, once the student's eligibility to take the final exam has been verified. The work of the Evaluation Committee is not governed by official summons and takes place upon agreement between the parties involved within 15 days preceding the Graduation session, in which only the graduation proclamation will take place. At the end of the presentation, the Evaluation Committee will draw up a brief evaluation note expressing a composite grade (from 0 to 6). This note will be transferred to the Degree Program Office by the day preceding the graduation session, for the subsequent formulation of the final grade by the Graduation Committee that will proceed with the proclamation. final examination Evaluation of Theses About 30 minutes are available for each presentation, plus discussion. The criteria on which the Evaluation Committee is called to express its opinion are the following:

		1. Experimental commitment shown by the graduating student during laboratory activity; 2. Working autonomy achieved by the graduating student during laboratory activity and in drafting the final thesis; 3. Quality of the thesis presentation, evaluated based on clarity of exposition and effectiveness in communicating the results obtained; 4. Level of depth and critical skills demonstrated during the discussion, evaluated on the ability to argue, justify methodological choices, and discuss limitations and developments of the work; 5. Adequacy of the writing and editing of the thesis. Points 1 and 2 are assigned by the advisor through a dedicated form. Point 4 is assigned by the committee. Points 3 and 5 are assigned by the 2 reviewers. Graduation grade The Graduation grade (expressed out of 110) is an integer value between 66/110 and 110/110 and is formed by the sum, rounded to the nearest whole number (e.g., 93.50 becomes 94, 86.49 becomes 86), of the following components: 1. Weighted average based on credits and scaled to 110 of the grades obtained in the profit exams; 2. Evaluation of the graduation interview and the Thesis according to the following methods: A maximum of 8 points are awarded to the graduation interview and the Thesis. They will be distributed as follows: a) 6 points to the Evaluation Committee, which will evaluate the graduation interview and the Thesis according to the following methods: attribution of a coefficient between 0 and 1 (fractional with one decimal digit) for each of points 1, 2, 3, and 5 listed above, and 0-2 (fractional with one decimal digit) for point 4; b) 2 points to the Graduation Committee, which expresses itself collectively. The Graduation Committee will award points based on the evaluation of the graduating student's curriculum. In particular: the presence of any honors (lodi) obtained in the exams taken and international mobility can be used by the Committee for the attribution of the score. c) Sum of the scores deriving from a) and b). If the final sum is greater than 110/110, the Graduation Committee may unanimously decide to award honors (<i>cum laude</i>). Honors are awarded only if the opinion is unanimous. External Theses An external thesis is carried out in collaboration with an entity other than the University of Verona. In this case, the graduating student must agree on the thesis topic in advance with an advisor from the LM9 Degree Program. At least one co-advisor belonging to the external entity is required, serving as the immediate reference for the student during the conduct of the thesis activity. The Advisor and Co-advisors must be indicated in the thesis assignment application. The results contained in the thesis are the shared heritage of all people and Entities involved. In particular, the contents and results of the thesis are to be considered public.
36.	ADDITIONAL INFORMATION	Degree Program Governing Bodies The organizational management of the Master's degree program

		is entrusted to the Program Teaching Committee in accordance with the provisions of the University Statute, which establishes the Teaching Commission within it. The Teaching Commission is the body responsible for evaluating various student administrative procedures. Furthermore, the Teaching Committee annually identifies the Program Coordinator and the Quality Assurance (QA) group, responsible for drafting the SUA-CdS, the Annual Monitoring Reports, and the Cyclic Review. Academic Calendar: The Master's Degree Program in Molecular and Medical Biotechnology is organized into two lecture semesters, usually October-January and March-June, in compliance with the general rules of the General Student Prospectus (Manifesto generale degli studi) and the calendars of the Department of Biotechnology. The number of exam sessions is 3; each session includes two exam dates spaced at least 2 weeks apart. The lecture timetable and the corresponding exam calendar are made known at least 20 days before the start of each period. Foreign Qualifications and Study Periods Completed Abroad: The Teaching Commission is competent for the recognition of credits and qualifications obtained abroad by the student, with relative scores. Following the evaluations, the teaching commission will determine the year of enrollment. The recognition of credits earned by students enrolled in the Master's Degree in Molecular and Medical Biotechnology during study periods abroad, within international programs in which the University of Verona participates, is subject to evaluation by the Teaching Commission pursuant to the "Regulations on the recognition of study periods abroad" of the Science and Engineering Area. “
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