Master's degree programme in

Artificial Intelligence

LM-18 Class of master's degrees in Computer Science

ACADEMIC REGULATIONS FOR THE STUDY PROGRAMME

ACADEMIC YEAR 2026/27
YEAR OF ENROLLMENT: 2026/27

This is an English courtesy translation of the original document in Italian language. Only the original version in Italian language has legal value

Table of Contents

GENERAL INFORMATION

1. DEGREE PROGRAMME WEB PAGE
2. PROGRAMME DIRECTOR
3. PRESIDENT OF THE TEACHING COMMITTEE
4. ADMINISTRATIVE UNIT
5. TEACHING STAFF, MODULES AND OFFICE HOURS
6. DURATION
7. LOCATION
8. DEPARTMENT / SCHOOL
9. CURRICULUM
10. LANGUAGE
11. TEACHING MODE
12. TEACHING MODULES
13. ADMISSION
14. REQUIRED ENTRY QUALIFICATIONS
15. SUBJECT REQUIREMENT AND PERSONAL PREPARATION
16. ENROLLMENT
17. CFU CREDITS

MODULES

18. STUDY PLAN
19. MODULES FOR ACADEMIC YEAR

PROGRAMME REGULATIONS

20. ASSESSMENT METHODS
21. PRIORITY MODULES
22. REQUIREMENT FOR ENROLMENT IN SUBSEQUENT YEARS
23. CHOOSING YOUR CURRICULUM
24. ELECTIVE MODULES AND ACTIVITIES (D)
25. ADDITIONAL TRAINING ACTIVITIES (F), INTERNSHIP, WORK PLACEMENT, ETC
26. TRANSVERSAL/SOFT SKILLS
27. HOW TO SUBMIT YOUR INDIVIDUAL STUDY PLANS
28. INDIVIDUAL STUDY PLANS
29. ATTENDANCE
30. TUTORING FOR STUDENTS
31. TRANSFER FROM ANOTHER DEGREE PROGRAMME/ FROM ANOTHER UNIVERSITY
32. RECOGNITION OF PRIOR LEARNING
33. RECOGNITION OF DUAL ENROLLMENT
34. EXAM ROUNDS
35. FLEXIBLE STUDENTS PATHWAYS
36. FINAL EXAMINATION
37. ADDITION INFORMATION

GENERAL INFORMATION		
1.	**WEB PAGE**	On the Degree Course web pages you can view a presentation of the course, how it is organized, 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 future freshmen are described. You can find information concerning the practical organization of the course, the conduct of teaching activities, training opportunities, and useful contacts throughout your study path, up to the obtaining of the final degree. Procedures and methods for enrolling in the degree course, the entry requirements, and support services for students, including international ones, are illustrated. Contacts, FAQs, notices, services, and opportunities offered by the University are also available.
2.	**PROGRAMME DIRECTOR**	Professor Alberto Castellini He chairs the Quality Assurance (AQ) Group which takes care of the design and self-assessment of the Degree Course according to the guidelines provided by the Quality Assurance Office.
3.	**PRESIDENT OF THE TEACHING COMMITTEE**	Professor Carlo Combi The Teaching Committee provides for the planning, organization, coordination, verification, and quality assurance of teaching activities; proposes any changes to the regulations of the Degree Course and deliberates on student requests regarding the educational path.
4.	**ADMINISTRATIVE UNIT**	Student administration – Sciences and Engineering
5.	**TEACHING STAFF, MODULES AND OFFICE HOURS**	Each professor has their own web page where they publish information related to teaching and research activities. You can access the professors' pages from the Degree Course website. The syllabi are published on the web page of each course. Office hours are published on each professor's web page
6.	**DURATION**	2 years
7.	**LOCATION**	15 Strada Le Grazie, 37134 Verona, Italy
8.	**DEPARTMENT**	Department of Computer science
9.	**CURRICULUM**	Single Track
10.	**LANGUAGE**	English
11.	**TEACHING MODE**	In-Person lectures
12.	**TEACHING MODULES**	The student has the right to use any teaching materials made available for the course. If the professor has activated the Moodle e-learning platform, the materials contained therein remain available to students for a maximum number of years equal to the normal duration of the Degree Course. If the professor has provided video recordings of the lessons, the videos remain available to students on the Panopto platform for the current and previous academic year.
13.	**ADMISSION**	No admission Test required
14.	**REQUIRED ENTRY QUALIFICATIONS**	Three-year Bachelor's degree or university diploma, or another qualification obtained abroad and recognized as suitable.
15.	**SUBLJECT REQUIREMENTS AND PERSONAL PREPARATION**	Reference web page for curricular requirements and personal preparation.
16.	**ENROLLMENT**	Reference web page for enrolment.
17.	**CFU CREDITS**	- Each CFU normally corresponds to 25 hours of total student commitment. The different types of teaching activities foresee the following CFU/HOUR ratios: - Lecture: 1 CFU / 6 hours

		- Tutorial/Lab: 1 CFU / 12 hours - Professional Training: 1 CFU / 12 hours - Internship/Professional Placement: 1 CFU / 25 hours

MODULES		
18.	**STUDY PLAN**	The study plan is the list of courses and other training activities that must be completed during one's university career.
19.	**MODULES FOR ACADEMIC YEAR**	This is the list of courses offered in the reference academic year, divided by period and year of enrolment.

PROGRAMME REGULATIONS		
20.	**ASSESSMENT METHODS**	For each training activity, the learning objectives, program, reference texts, teaching materials, and methods for assessing learning are defined. The "course information sheets" are published on the website of each Degree Course under "Courses".
21.	**PRIORITY MODULES**	An exam is defined as prerequisite if it must necessarily be passed before another exam. The course does not have any prerequisites.
22.	**REQUIREMENT FOR ENROLLMENT IN SUBSEQUENT YEARS**	A progress block refers to the requirement needed to enroll in the subsequent year of the course. The course does not have progress blocks.
23.	**CHOSSING YOUR CURRICULM**	The plan does not include different curricula.
24.	**ELECTIVE MODULES AND ACTIVITIES (TYPE D)**	12 CFU are reserved for student-chosen activities (type D). Of these, 6 CFU must be used for an elective course that is: a) offered within the educational offer of the Artificial Intelligence degree course (i.e., among the residual courses from the alternative exam packages provided for in the study plan); b) offered within the supplementary teaching courses listed on the dedicated page, under "Courses and other activities that can be autonomously added to the study plan"; c) offered within the educational offer of the University of Verona; d) taught at other Italian universities. If the chosen courses fall under points a) and b), they can be automatically inserted into the study plan by the student and are therefore recognizable. If the chosen courses fall under points c) and d), they must not be characterized by elementary computer science content, and the student is required to submit their choice for evaluation by the Student Practices Committee, which will verify its correctness. The remaining 6 CFU can be used for further courses (previous list: points a, b, c, d) or for: • courses from the Teaching and Learning Center (TaLC); • University initiatives, possibly approved by the Teaching Committee; • further language skills, beyond those required by the study plan; • other activities useful for entering the world of work or perfecting the educational path, subject to prior positive evaluation by the Student Practices Committee. CFU derived from internship/professional placement activities cannot be recognized in TAF D.
25.	**ADDITIONAL TRAINING, ACTIVITIES (F), INTERNSHIPS,**	6 CFU are reserved for other training activities (type F activities). 3 CFU must be obtained through internship activities and are aimed at providing the student with direct knowledge in sectors of particular usefulness for entering the world of work and for acquiring specific professional skills.

	WORKPLACEMENT, ETC	These activities must be carried out in the context of laboratory or seminar courses, under the direct responsibility of a single professor, or through internship/professional placement periods at companies accredited by the University of Verona, Public Administration Bodies, or public or private laboratories (laboratories of the Science and Engineering Area are automatically included in this list). The recognition of credits acquired through the internship is governed by the University Student Regulations. Internship/professional placement activities are preliminarily agreed upon and subsequently certified by the responsible professor or tutor, together with the evaluation of the set educational objectives and the acquisition of the related credits. Some internship proposals may be published in the List of Thesis and Internship Proposals section of the Degree Course webpage related to the final examination. Regarding the remaining 3 CFU: • International students (with a foreign Bachelor's degree) must obtain them by acquiring an Italian language competence of at least level A2; • Other students can obtain them by acquiring further language knowledge or by carrying out additional internship/placement activities. If the number of credits earned through internship activities exceeds the credits available in TAF F (therefore more than 3 CFU for international students and more than 6 CFU for other students), the excess credits will be recognized exclusively as extra credits (in surplus). **Recognition of Work Activity** The student can obtain recognition of the number of type F credits provided for in their study plan by submitting a request to the student secretariat (carriere.scienze@ateneo.univr.it) indicating their employment status (employee or with VAT number). The request will be submitted to the judgment of the Student Practices Committee, which will verify its coherence with the educational path.
26.	**TRANSVERSAL/SOFT SKILL**	These are training paths aimed at acquiring transversal competences useful from both a personal and professional standpoint, as well as for civic engagement, promoted by the University's Teaching and Learning Center, whose web page publishes all useful information for registration.
27.	**HOW TO SUBMIT YOUR STUDY PLAN**	The study plan is compiled through an online procedure where the student selects the courses they want to take within the educational offer of their course, based on specific choice rules. More information on the University's general page and on the dedicated page.
28.	**INDIVIDUAL STUDY PLAN**	It is possible, upon request, to obtain the degree according to an individual study plan that also includes training activities different from those provided for in the educational regulations, provided they are consistent with the educational regulations of the degree course for the academic year of enrolment. The request for an individual plan is submitted to the competent educational structure, which evaluates its coherence.
29.	**ATTENDANCE**	Not mandatory
30.	**TUTORING FOR STUDENTS**	To guide and assist students throughout their educational path, some professors are assigned tutoring tasks, as indicated on the information page. Furthermore, a Tutoring service provided by senior students is established, where students already enrolled at the University make their university experience available to support future freshmen and fellow students.

31.	**TRANSFER FROM ANOTHER DEGREE PROGRAMME/FROM ANTOHER UNIVERSITY**	Course Change refers to changing the Degree Course within the University of Verona. Transfer from another University concerns the case of students moving to the University of Verona from another University. Please refer to the Academic Calendar for the relevant time windows. The Student Affairs Committee is responsible for recognising credits, and the corresponding marks, earned on other degree programmes, in Italy or abroad. In the event of a transfer from another degree programme, recognition can only take place on the basis of detailed documentation issued by the programme or institution of origin (obtained automatically), certifying the examinations taken, the marks obtained and the credits earned. The Student Affairs Committee will carry out the recognition process by applying the following criteria: • For activities for which a reference to a specific scientific disciplinary sector is provided, the credits acquired will be validated by evaluating case by case the content of the training activities and the achievement of the educational objectives of the degree course. To integrate any credit deficiencies, the student practices committee can identify the most appropriate supplementary activities necessary to achieve the credits provided for the single activity in relation to one or more courses active at the degree course. Supplementary activities cannot be used to integrate courses for which a number of credits less than 40% of the total credits of the course has been earned. In this case, it is necessary to take the entire exam; • In the case of activities for which no reference to a scientific disciplinary sector is provided, the student practices committee will evaluate case by case the content of the training activities and their coherence with the objectives of the degree course, considering the quantity of acquired credits that can be validated within the training activities provided for in the degree course; • In the case where a particular training activity is the contribution of multiple activities that resulted in different grades, the final grade will be determined by the weighted average of the grades obtained, rounded up to the nearest whole number. Following the above evaluations, the Student Practices Committee will determine the year of enrolment.
32.	**RECOGNITION OF PRIOR LEARNING**	This is the evaluation of the previous study path, for the purposes of a transfer, an incoming transfer, or a withdrawal from studies, through partial or total recognition of previously acquired CFU, depending on the correspondence between the two educational paths. Please refer to the Academic Calendar for the relevant time windows.
33.	**RECOGNITION FOR DUAL ENROLLMENT**	Students enrolled simultaneously in two different degree courses can request the competent educational structure to recognize credits acquired in the other degree course they are simultaneously enrolled in, up to a maximum of one third of the total credits provided for by the degree course in which recognition is requested.
34.	**EXAM ROUNDS**	Five (two offered in the exam session immediately following the semester of course delivery, two in the following session, and one in the last session). At the discretion of the professor, partial tests may be scheduled during lecture periods in weeks defined by the Teaching Committee.
35.	**FLEXIBLE STUDENT PATHWAYS**	Career management considers the specific needs of certain categories of students. **Disability, Specific Learning Disorders (SLD) and Special Educational Needs (SEN):** With particular attention to disability and specific learning disorders (SLD), the degree course 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 promotes the adoption of shared accommodations for

		participation in lessons, exams, and other teaching activities and in general for participation in the life of the university community, in compliance with applicable regulations and respecting the teaching autonomy of professors. In particular, the degree course favors accessibility to structures and teaching materials and promotes the use of distance learning methods, synchronous or asynchronous, to address 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. **Part-time enrolment:** The part-time regime regulates exclusively the duration of the university career and the related economic charges, and allows obtaining the degree, without incurring the status of student who has exceeded the standard duration of their degree programme (out of course), for double the normal duration of the course itself. **Enrolment in single courses:** It is possible to follow for one academic year single courses taught within the Bachelor's and Master's degree programs and take the related exams, receiving regular certification, including the indication of the CFU obtained. **Student-athlete:** Those who possess sports merits of particular competitive relevance can access the student-athlete career. Annually, a specific notice regulates the access and permanence requirements for student-athletes for the dual career path, to allow them to successfully complete an academic career in combination with the sports one.
36.	**FINAL EXAM**	Students can take the final examination only after having fulfilled all other educational obligations provided for by their study plan and the administrative formalities at the administrative offices in accordance with the terms indicated in the general study manifesto. The methods and deadlines for submitting the Degree application are established by the Computer Science Teaching Committee and the competent secretariats. The thesis is assigned 24 CFU and consists of the preparation and discussion of a written paper in English (degree thesis) concerning the in-depth study of a scientific topic addressed in the course of study, or relating to the analysis and solution of a case study (theoretical and/or directly derived from an industrial problem), or relating to experimental work, which can also be developed within an internship path carried out at research institutions, schools, laboratories, and companies, or by exploiting study periods in Italy and abroad, or as a result of autonomous and original research work, with connected aspects of mathematical formalization, computer design, business-oriented realization. **Purpose of the Master's Thesis** The purpose of the Thesis is to develop an original study that can culminate in an applied project or a theoretical result connected to specific problems of a design nature or a critical review of the state of the art in a specific field of study. During the thesis work, the graduate student must, under the guidance of the supervisor and any co-supervisors, address the study and in-depth analysis of the chosen topics, but also acquire synthesis skills and creative application of the knowledge acquired. The content of the Thesis must be relevant to topics of artificial intelligence or closely related disciplines. The Thesis consists of the written presentation of activities that can be articulated as: • design and development of applications or systems; • critical analysis of contributions from the scientific literature; • original research contributions. **Methods of Conduct and Evaluation** The final examination consists of the development of a degree Thesis, which engages the student in research, formalization, design, or development work:

this work will substantially contribute to the completion of their technical-scientific training. Each thesis can be internal or external, depending on whether it is carried out at the University of Verona or in collaboration with another Institution. Each thesis involves a supervisor, possibly assisted by one or more co-supervisors, and an external reviewer. The external reviewer is appointed by the Teaching Committee at least 20 days before the thesis discussion, after verifying the student's eligibility to take the Master's Degree exam. Regarding the legal aspects (e.g., intellectual property of the results) related to the Thesis and the results contained therein, reference is made to the current legislation and the University Regulations.

Thesis Evaluation

The criteria on which the supervisor, any co-supervisors, and the external reviewer are called to express themselves are the following:

1. level of in-depth study of the work carried out, in relation to the state of the art of the disciplinary sectors pertaining to artificial intelligence.
2. cognitive or technological advancement brought by the Thesis;
3. critical effort expressed by the graduate;
4. experimental and/or formal development effort expressed by the graduate;
5. autonomy of work expressed by the graduate;
6. significance of the methodologies employed;
7. accuracy of the execution and writing;

   The external reviewer is not required to comment on point 5.

Degree Grade

The Degree Grade (expressed in 110ths) 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 addends:

1. weighted average on credits and scaled to 110 of the grades obtained in the exams;
2. evaluation of the degree discussion and the Thesis according to the following methods:

   a) attribution of a coefficient between 0 and 1 (fractional with one decimal place) for each of points 1-7 listed above;

   b) attribution of a coefficient between 0 and 1 (fractional with one decimal place) for the quality of the presentation;

   c) sum of the coefficients attributed to points a and b.

   The presence of any honors (lode) obtained in the exams taken, participation in internships officially recognized by the Computer Science Teaching Committee, passing exams beyond those required, and achieving the Degree in a short time compared to the legal duration of the course of study can be used by the Degree Committee to attribute a further increment of one point. If the sum obtained reaches 110/110, the Committee can decide to award with distinction. Distinction are proposed and discussed by the Committee, without the adoption of particular automatic calculation mechanisms. Based on current regulations, honors are awarded only if the opinion is unanimous.

External Theses

An external Thesis is carried out in collaboration with an institution other than the University of Verona. In this case, the graduate must preliminarily agree on the thesis topic with a supervisor from the University. Furthermore, at least one co-supervisor belonging to the external institution is required, as an immediate reference for the student during the thesis activity. Supervisor and co-supervisors must be indicated in the thesis assignment request. The insurance modalities for the student's stay at the external Institution are regulated by the current regulations at the University of Verona. If the Thesis is configured as a training period at said institution, then a convention between the University and said institution must be stipulated. The results contained in the Thesis are the shared property of all the people and institutions involved. In particular, the contents and results of the Thesis are to be considered public. For all matters not strictly scientific (e.g., conventions,

		insurance), reference is made to the resolution of the Academic Senate of January 12, 1999. **Supervisor, Co-supervisors, External Reviewers** The Degree Thesis is presented by a supervisor who is a professor of the University in the role of Full or Associate Professor or a Fixed-Term Researcher (junior, senior, or Tenure Track Researcher). The professor must satisfy at least one of the following three requirements: i. member of the Teaching Committee to which the degree course belongs, ii. member of the Department of Computer Science, iii. affiliated with an SSD (Scientific Disciplinary Sector) present in the study plan of the Artificial Intelligence Degree Course. In addition to those who meet the requirements indicated for the role of supervisor (as indicated above), research fellows operating in extra-university research institutes, research grant holders, post-doctoral scholarship holders, PhD students, technical staff of the Department, experts in the field appointed by an Italian University and still in office, company referents expert in the field considered in the Thesis can also serve as co-supervisors. Any professor or researcher of the Department of Computer Science of the University of Verona, who is particularly competent in the specific field of study of the Thesis, can be appointed as external reviewer. They are proposed by the supervisor, communicated to the graduate for insertion in ESSE3, and appointed by the President of the Teaching Committee. The names of the external reviewers are published as soon as possible on the dedicated page, after the deadline for submitting the degree application. **Methods and Deadlines** The student approaching the end of their studies must identify a thesis topic proposed or approved by a supervisor and any co-supervisors. The student must submit the degree application according to the methods and timing identified and made public by the student secretariat; the application must contain the title, even if provisional, of the Thesis, the name of the supervisor, any co-supervisors (only for external theses) and the external reviewer, the latter is proposed by the supervisor and appointed by the President of the Teaching Committee. Subsequently, on dates established by the Secretariat and in any case no later than 20 days before the degree exam, the student must proceed to upload the thesis in ESSE3. The external reviewer can consult the Degree Thesis in PDF format only after its approval by the supervisor. The student, to be admitted to the Degree exam, must have acquired the credits in the disciplinary sectors provided for by the regulations and the study plan of the Master's Degree Course according to the degree class chosen at the time of enrolment, and be in compliance with the payment of fees and contributions. **Final Degree Examination Committee** The committee for the final examination must include 5 professors (Full Professors, Associate Professors, Tenure Track Researchers, Senior and Junior Fixed-Term Researchers), of which at least 3 are among the professors with teaching assignments at the Master's Degree Course in Artificial Intelligence; the other two affiliated with SSDs present in the study plan of the course itself. In light of the number of Graduates, the Computer Science Teaching Committee will identify the most appropriate organizational methods for conducting the exam and make the exam schedule public at least one week before they take place.

37.	**ADDITIONAL INFORMATION**	Students holding a Master's degree in Artificial Intelligence can access second-level Master's degrees and Research Doctorates (PhDs) in Italy and abroad. Lessons can be held in both Italian and English. **Teaching Calendar** At this link you can consult all information relating to the Teaching Calendar. **Foreign Qualifications and Study Periods Abroad** The Student Practices Committee is responsible for recognizing credits and qualifications obtained abroad by the student, with the corresponding grade. Following the evaluations, the Committee will determine the year of enrolment. The recognition of credits obtained by students enrolled in the Artificial Intelligence Degree Course during study periods abroad, within the framework of international programs to which the University of Verona adheres, is subject to the evaluation of the Student Practices Committee.

This is an English courtesy translation of the original document in Italian language. Only the original version in Italian language has legal value