

REGULATION | Regulatory Standards of the Integrated Master in Veterinary Medicine

Article 1st

(Scope of application and framework)

1 - The Regulation that governs the Regulatory Standards of the Integrated Master in Veterinary Medicine (IMVM) at IUEM obeys and does not overlap with the Pedagogical Regulation of the Egas Moniz Higher Institute Of Health Science (IUEM), in its current wording. The IUEM Pedagogical Regulation is a reference document whose articles act as a set of rules applicable to the IUEM.

2 - The Regulatory standards described here apply wholly and exclusively to the Integrated Master in Veterinary Medicine of IUEM and, alternatively, unless provided otherwise in the regulation, to the Regulation of Undergraduate and Master's Degrees.

Article 2nd

(Acronyms)

1 - In this document the following acronyms are used:

IMVM - Integrated Master in Veterinary Medicine

IUEM - Egas Moniz Higher Institute Of Health Science

DOC - Day One Competences

CU - Curricular Unit

PBL - Problem Based Learning

CEA - Curriculum Enrichment Activities

ECTS - European Credit Transfer and Accumulation System

CUP - Curricular Unit Program

LP - Laboratorial Practice

FW - Field Work

TP - Theoretical-practical

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Article 3rd

(Academic calendar and time schedule)

- 1 - The academic calendar will be defined for each academic year. Each semester will have 18 weeks of teaching classes, including curriculum enrichment activities (CEA), followed by two weeks of exams.
- 2 - Classes take place between 9 am and 5 pm, with a lunch break from 1 pm to 2 pm.
- 3 - Part of the clinical learning will be done in a real clinical environment, namely hospital or farm settings, namely the emergency and intensive care component.
- 4 - In addition, outside the base time schedule described on point 2 of this Article, students will also have clinical learning components, particularly for emergency and intensive care cases. This training will take place outside daytime hours and on holidays and weekends.
- 6 - The hours of clinical learning mentioned on point 4 of this Article will be reduced to the number of clinical learning hours within the base time schedule.

Article 4th

(Specific Clothing and Material)

- 1 - The clothing used by the students is defined in the Curricular Unit Program (CUP). This takes into account the particular biosafety rules of each Curricular Unit (CU), namely in the practical component (LP, FW, TP) and might include white coat, gown, surgical pyjamas, overalls, footwear (wellies, etc.).
- 2 - For certain procedures, the student cannot wear jewelry (for example bracelets, rings, etc.) that jeopardizes the safety of the procedure they are going to perform.
- 3 - Students need their own computer and mobile phone with an internet connection to participate in teaching and assessments and must download specific learning and evaluation software. Learning will be computer-assisted for Problem Based Learning (PBL)

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and for digital record of Day One Competencies (DOC). All evaluation will be computer based.

Article 5th

(Enrolment in Outstanding CUs in and Traineeship CU)

- 1 - The student must enroll in curricular units left undone from previous academic years, before enrolling in other curricular units of the Study Plan of the subsequent curricular semester.
- 2 - Students who have passed all the other curricular units on the IUEM-IMVM's Study Plan (300 ECTS) have access to the traineeship. Exceptionally, students who have not passed a maximum of 10 ECTS may start their traineeship, provided that the corresponding curricular units do not belong to the scientific area of the traineeship.

Article 6th

(Integration in the Assessment of all CUs of the components of "Day One Competences" (DOC) and "Problem Based Learning" (PBL))

- 1 - The teaching methodologies of the theoretical, tutorial and theoretical-practical components must include pedagogical PBL methodologies.
- 2 - Students need their own computer and mobile phone with an internet connection and must download specific learning and evaluation software to participate in teaching and PBL assessments, which is mandatory.
- 3 - Problem Based Learning (PBL)
 - 3.1 - A PBL platform will be applied in all theoretical, tutorial and theoretical-practical components of the various CUs of IUEM-MIMV, with the following objectives:
 - 3.1.1 - Provide access to audiovisual material and realistic and attractive scenarios, sharing information and enriching discussions;

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- 3.1.2 - Encourage students to take responsibility for their learning process and access to information;
- 3.1.3 - Foster decision-making capacity and skills management, as well as the ability to argue (group discussions);
- 3.1.4 - Foster goal-oriented work, supervised by tutors;
- 3.1.5 - Access to databases, simulators, and clinical cases;
- 3.1.6 - Decrease the use of animals (Ethics and Animal Welfare) in teaching Veterinary Medicine;
- 3.1.7 - Facilitate the acquisition of critical thinking skills;
- 3.1.8 - Complement knowledge acquisition and assessment process.

4 - Day One Competences (DOC)

- 4.1 - In order to define, guarantee and monitor the acquisition of competences by students in the various CUs, a list of "Major and Minor Day One Competences" (DOC) to be acquired per Curricular Unit will be created;
- 4.2 - The acquisition of DOCs will be registered and monitored through a computer platform, so that, at the end of the IUEM-MIMV, we can assure the acquisition of all mandatory knowledge, attitudes, and skills that guarantee the quality of the IUEM-MIMV and the future Veterinarian.
- 4.3 - All students must have a minimum of 90% of the DOC credited on the platform to be approved in each CU.

Article 7th

(Student attendance and attendance regime)

- 1 - Teaching is in-person. Practical classes are mandatory (3/4).
- 2 - A student with an excused absence from an assessment period cannot be jeopardized by its absence.

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3 - Without prejudice to the provisions of the previous number, the student must agree with the professor on an alternative solution, and, in case it is considered necessary, the assessment may be replaced with another one with the same degree of difficulty.

4 - Working students who do not opt for continuous assessment within fifteen (15) days after the beginning of each semester, must agree with the CU Coordinator which assessment model they are subject to during the normal period.

5 - After the deadline indicated in the previous number, the working student is subject to the assessment model adopted by the coordinator professor for all other students.

Article 8th

(Assessment and grading methodologies to be applied in the various CUs of MIMV-EM)

1 - Assessment Methodologies of the Theoretical component.

1.1 - Elements of assessment.

1.1.1 - Each student will be subject to continuous evaluation, with two written interim assessment tests, on paper or digital, with a minimum duration of 30 minutes and a maximum of 90 minutes. The weighting of each test is 25%;

1.1.2 - The continuous evaluation will also include a final written test, on paper or digital, to assess the integration of the acquired knowledge. This written test will have a minimum duration of 30 minutes and a maximum of 90 minutes. The weighting of this test is 50%.

1.1.3 - In continuous evaluation, approval is granted with a grade greater than or equal to 10 points.

1.2 - If the grade is less than 10 points, the student will be re-evaluated during the next exam period. For approval, the grade must be greater than or equal to 10 points.

1.3 - Students need to have their own computer with internet access and need to install specific software to be assessed.

2 - Assessment Methodologies of the Tutorial Orientation component

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2.1 - Elements of assessment

2.1.1 - Acquisition of knowledge of the PBL component using the DreamShaper platform is simultaneous with the evaluation. The weighting is 100%

2.1.2 - If PBL methodology is used outside Tutorial Orientation classes, namely in theoretical and/or practical classes, the grade of these PBL projects will be counted, joining all the assessments of the PBL.

2.2 - For each CU, it is mandatory to carry out a minimum of 3/4 of the projects proposed to students.

2.3 - Approval is granted with a grade greater than or equal to 10 points.

2.4 - If the grade is less than 10 points, the student will be assessed during the next exam period. For approval, the grade greater than or equal to 10 points.

2.5 - Students need to have their computer and mobile phone with internet access and need to install specific software to be assessed.

3 - Assessment methodologies of the practical component (laboratory practice, theoretical-practical, fieldwork)

3.1 - Elements of assessment

3.1.1 - Each student will be subject to continuous evaluation, with three written interim assessment tests, on paper or digital. These written interim tests contain a reduced number of questions and have a maximum duration of 15 minutes. The weighting of each test is 20%;

3.1.2 - Assessment of the DOC's digital record and the individual laboratory logbook (when applicable). The weighting of this component is 40%.

3.1.3 - It is mandatory to attend 3/4 of all practical classes.

3.1.4 - In continuous evaluation, approval is granted with a grade greater than or equal to 10 points.

3.1.5 - If the grade is less than 10 points, the student will be re-evaluated during the next exam period. For approval the grade must be greater than or equal to 10 points.

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3.1.6 - Students need to have their own computer with internet access and need to install specific software to be assessed.

4 - Awarding the final grade of each CU

4.1 - The final grade of the curricular unit will correspond to the weighted average of the assessment of the typology of each CU (T/TO/PL/TP/FW).

4.2 - Approval is granted with a grade greater than or equal to 10 points.

Article 9th

(Commission to ensure the Welfare of Animals used for teaching and scientific research)

1 - The use of animals for teaching purposes at MIMV-IUEM is carried out in accordance with the Animal Welfare rules and regulations. A Commission exists to guarantee the Welfare of Animals used for teaching and scientific research at Egas Moniz (CBEA-EM). This takes into account the scope of application of Decree-Law No. 113/2013, of 7 August, which transposes Directive No. 2010/63/EU, of the European Parliament and the Council, of 22 September 2010, on the protection of animals used for scientific purposes, as well as Order No. 2880/2015, of 20 March, of the General Directorate of Food and Veterinary Medicine. The CBEA-EM will be an advisory, multidisciplinary, and independent body, which will have the purpose of promoting animal welfare, issuing opinions, monitoring the use of animals in scientific research and teaching, ensuring ethical compliance, and compliance with rules relating to animal welfare in activities carried out at EM.

2 - The use of animals for teaching purposes, without receiving a direct benefit, will be reduced to the minimum and will happen exclusively when there is no alternative to achieve the objectives and mandatory DOC provided for in the various CUs. This reduction will be achieved by using models and simulators in basic, pre-clinical and clinical CUs without affecting the acquisition of the respective DOC.

3 - If a student refuses to carry out any procedure directly related to slaughterhouse veterinary practice - conscientious objection - it is up to the professor and the CBEA-EM to assess the possibility of finding eventual alternatives to fulfill the pedagogical objective

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without disrespecting the student's wishes. Suppose the professor and the CBEA-EM do not find an alternative. In that case, they must explain to the student the importance of the procedure and how these are aligned with the philosophy of animal welfare, with the standards of professional ethics and framework of the veterinary profession and what their importance is in the context of learning the Veterinarian profession. If the student refuses, even so, this information will be registered, the student is marked as absent and, in the case of a DOC, the registration of the non-acquisition of that competence is carried out.

Article 10th

("Curriculum Enrichment Activities" (CEA))

- 1 - Every semester, CEA will be organized from the 1st to the 5th year of the MIMV-IUEM within the described above and will preferably take place on Wednesdays. The CEA aims to raise awareness and involve students in social projects, encourage the acquisition of soft skills essential for the veterinary profession, as well as motivation, vocation and empathy.
- 2 - The ECA can include visits to municipal official animal collection centers or animal protection associations.
- 3 - The ECA can also include Portuguese training for foreign students, English training, mindfulness, oral expression, and role-play workshops, among other activities.
- 4 - The ECA will take place when there are sufficient students' inscriptions to do it. ECA exposed on point 3 of this Article will be subject to a fee.

Article 11th

(Omitted cases and points)

- 1 - The omitted cases, not contemplated in the applicable legislation or this document, are promoted by the Rector of the IUEM after consulting the Founding Entity.

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Article 12th (Implementation)

1 - This document is effective from the 2021-22 school year until revoked.