



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

TEACHING PLAN REGULATION OF THE PROGRAMME

**Food Animal Metabolism and Management in the
Circular Economy (FAMCE) (LM-86)**

Based in Ozzano dell'Emilia (Bologna)

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Master Programme (First Cycle Degree) in Food Animal Metabolism and Management in the Circular Economy (FAMCE)

Art. 1 Requirements for Admission to the Programme

- **Knowledge required for access**

In order to be admitted to the Master Programme in Food Animal Metabolism and Management in the Circular Economy, you need to hold a valid three-year Higher Education Bachelor Degree. Besides, you need to possess the curricular requirements and to pass the personal preparation verification.

- **Curricular requirements**

Admission to the Master Programme is subject to the possession of a Bachelor (1st cycle degree) in one of the following Italian Degree classes, or other suitable qualification obtained abroad:

ex D.M. n. 270/2004:

classe L-26 Scienze e Tecnologie Agro-Alimentari Food and Agriculture Science and Technology

classe L-38 Scienze Zootecniche e Tecnologie delle Produzioni Animali - Animal Production Zootechnics and Technologies

ex D.M. n. 509/1999:

classe 20 Scienze e Tecnologie Agrarie, Agroalimentari e Forestali - Agricultural, Agrifood and Forest Sciences and Technologies

classe 40 Scienze e Tecnologie Zootecniche e delle Produzioni Animali - Animal Production and Zootechnical Sciences and Technologies

If you own a different Bachelor's Degree, you need to have in your curriculum at least 30 credits (CFU/ECTS) in one or more of the scientific – disciplinary areas mentioned in the Modality of Admission

- **Personal adequate preparation:**

Admission to the Master Programme is in any case conditional to the assessment of personal adequate preparation specified in the Modality of Admission

- **Modality of Admission**

Students who don't hold one of the above Degrees, should have in their curriculum at least 30 credits (CFU/ECTS) in one or more of the following scientific – disciplinary areas:

VET/01 Anatomia degli animali domestici - Animal anatomy

VET/02 Fisiologia animale - Animal Physiology

VET/03 Patologia generale e anatomia patologica veterinaria – General Pathology and vet Pathological Anatomy

VET/05 Malattie infettive degli animali domestici - Infectious diseases

VET/06 Parassitologia e malattie parassitarie degli animali – Parasitology

VET/07 Farmacologia e tossicologia veterinaria – Pharmacology and vet toxicology

AGR/17: Zootecnica generale e miglioramento genetico – Zootechnics and genetic improvement

AGR/18: Nutrizione e alimentazione animale – Animal food and nutrition

AGR/19: Zootecnica speciale – Special zootechnics

AGR/20: Zoocolture - zoo culture

AGR/01: Economia ed estimo rurale - Economy and rural appraisal

BIO/10: Biochimica - Biochemistry

- **Personal adequate preparation assessment:**

Assessment of the adequate personal preparation will be focused on the level of knowledge of the following subjects: Mathematics, Chemistry, Physics, Domestic Animal Anatomy, Animal Physiology, General Pathology, Anatomical pathology, Infectious Diseases of Domestic Animals; Parasitology and animal parasitic diseases; Veterinary Pharmacology and Toxicology, Zootechnics, Genetic improvement, Animal nutrition and feeding, Zoo cultures, Agricultural Economics, Biochemistry.

The assessment will consist on evaluating the student's university career by the Admission Board, named by the Course Council, following the criteria detailed in the Admission Procedure. The Board might also decide to integrate the evaluation with an oral interview focused on the same subjects.

- **Language knowledge and competence assessment**

In order to be admitted to the Master programme, it is required to prove a B2 level of English, based on the European common frame.

Also, it is necessary to have a B2 level of Italian knowledge, and for those students who do not meet this requirement, they will have to include educational activities aimed to reach the required level in their study plan.

Art. 2 Rules for mobility between curricula and individual study plans

Students can make the choices offered by the study plan, according to the modalities indicated in the same plan, within the deadlines published on the University Web site.
It is not allowed to submit individual study plans.

Art. 3 Learning activities and teaching methods

The attached study plan shows the methods of learning for each activity and the related hours distribution distinguishing between lectures, practical training and internship.
Any further information about it will be communicated early on the University Web site.

Art. 4 Attendance and Course unit prerequisites

The attendance requirement to learning activities is detailed in the attached study plan, together with the possible Course unit prerequisites of single learning activities.
The modality and control of the attendance requirement, where applicable, will be established early by the Programme, and it will be communicated to students before the start of classes, through the University Web site.

Art. 5 Flexible career

Students can choose a flexible career in order to finish studying in a shorter or larger period of time (normal duration is 3 years for Bachelor's and 2 years for Master Programmes), according to the University Teaching Regulation.

The teaching activities defined in the study career might be replaced, in case of a necessary cancelation, in order to guarantee the quality and sustainability of the teaching offer.

Art. 6 Evaluation of learning activities

The attached study plan specify which learning activity is registered with a mark over 30 points and which one is registered with a pass/fail mark.

Exams can be carry out in different ways (oral, written, practical tests or with a combination of them; individual or group exams) and the modality is decided each year by the Programme, and it is communicated to students before the start of classes, through the University Web site.

Art. 7 Learning activities individually chosen by the student

Students can choose one or more learning activities as those individually chosen by the student, between the ones that the Programme board selects yearly and publishes on the University web site.

If the student wishes to take an exam based on an activity not included in those selected by the Programme board, he/she must make a request to the Programme Board within the deadline established early and published on the University web site.

The Board will evaluate the consistency of the choice with the learning career of the student.

Art. 8 Criteria for recognition of credits (ECTS) acquired in Programmes of the same Italian Ministerial class

The credits (ECTS) acquired in Programmes of the same Italian Ministerial class can be fully recognized in case the teaching activities included in the study plan have the same scientific disciplinary sector.

Whenever, once recognition is made based on the rules of the present regulation, some credits are left and unused, the Programme Board can recognize them by evaluating each specific situation, on the basis of teaching and cultural similarities.

For Programmes taught in a language different from Italian, the recognition is only about learning activities or subjects taught in that language.

Art. 9 Criteria for recognition of credits earned in Programmes of a different Italian Ministerial class, in distance-learning universities or foreign universities

CFU acquired are recognized by the Programme board on the basis of the following criteria:

- Analysis of the Syllabus
- Evaluation of the consistency between the disciplinary scientific sectors and the contents of the learning activities which the students gained credits for, and the specific learning objectives of the programme and the single learning activities to be recognized, always pursuing the aim of students' mobility.

The credits can be fully recognized until the number of credits (ECTS) of the teaching plan is reached.

Whenever, once recognition is made based on the rules of the present regulation, some credits are left and unused, the Programme Board can recognize them by evaluating each specific situation, on the basis of teaching and cultural similarities.

For Programmes taught in a language different from Italian, the recognition is only about learning activities or subjects taught in that language.

Art. 10 Criteria for recognition of extra-academic knowledge and competencies

The following can be recognized as competencies acquired outside University:

- Knowledge and professional skills certified according to applicable law;
- Knowledge and skills developed during learning activities of secondary level, which University helped to plan and realize.

The request for recognition of these competencies will be evaluated by the Programme Board, considering the instructions given by the Academic institutions and the maximum amount of credits which can be recognized according to the study regulation of the Programme.

Recognition can occur whenever the activity is consistent with the specific learning objectives of the Programme and of the learning activities to be recognized, considering also the content and the duration in hours of the activity carried out.

Art. 11 Internship aimed at the preparation of the final dissertation or linked to a learning project

The Programme may allow the student who requires so, to carry out an internship aimed at the preparation of the final dissertation/Thesis, or linked to a learning project aimed at improve his/her learning and training process, by following procedures established by the general Regulation of the Campus regarding internships or by international Programmes for internship mobility , and in conformity with EU laws.

These learning experiences, which can last 12 months maximum, and which will have to be completed by the date of graduation, can be carried out receiving the accreditation of the following CFU:

- Within those assigned to the final examination;
- For internship activities included in the study plan;
- For activities chosen by the student and assimilated to internship;

Art. 12 Apprenticeship in Post Graduate Programmes

The Programme Board can allow the student to carry out Apprenticeship activities in order to integrate the university training with practical training in a Company, aimed at acquiring a study title.

Students between 18 and 29 years old can apply.

For formal learning activities carried out in a company, based on the learning project attached to the apprenticeship contract, they can be recognized a minimum of 12 CFU and a maximum of 36 CFU. The length of the contract can vary from 12 to 36 months, and there is a constraint of 240 hours a year for formal learning: 150 hours will be spent inside the company and 90 hours will be paid by the same company, but they will be academic activities.

Art. 13 Final examination modality

- **Final Examination Characteristics**

The final examination to obtain a Master Degree, consists in writing and debating in public a dissertation, written and elaborated originally by the student, focusing on a subject consistent with the objectives of the Programme, under the tutorship of a supervisor.

The dissertation must prove: to master the subject, to have critical thinking, to be able to work in a self-sufficient way and to possess a good communication skill level.

The final examination tests the undergraduate's ability to carry out the research project of an experimental nature independently, on a specific topic, and to describe, expound and discuss the results of the project with clarity and full mastery.

- **Modality of final examination development**

The final examination consists in writing a text in English, under the guidance of a supervisor and then presenting it in a public debate in front of a Committee.

The score will be given based on the investigation work, the deepness of the subject, the re-elaboration, the put in writing and the way the subject will be presented during the debate.

For this purpose, the Coordinator of the Programme undergoes the thesis to a colleague (Assistant Supervisor) who is competent in a subject related to the one treated, for its evaluation.

The Assistant Supervisor (who doesn't necessarily have to be present during the public debate) expresses a written assessment on the thesis, on a suitable template.

This template takes into consideration the level of completeness, deepness, exposition, updating of the filling and experimental part of the job, and also the quality of editing and bibliography.

The Committee expresses an assessment out of 110 points. The examination is passed with a minimum grade of 66/110.

The highest grade the Committee can give is 9 points, composed of 3 points given by the Assistant Supervisor, and 6 points given by the Committee, which will have to listen to the Supervisor judgement.

Also, for jobs with a high scientific value, realized in foreign validated institutions, it will be possible to give further points (up to a maximum of 10 points as final grade).

In case of maximum grade (110/110), The Committee can decide to give the cum laude in a unanimous

Way, if the study career presents a weighted average of 28/30, net of rounded numbers, if the Assistant Supervisor has assigned at least 2 points, and if there are other cum laude in the student's career. The final examination can be linked to an internship project or activity.

Art. 14 Consistency between the single learning activities credits and the specific learning objectives planned

The Faculty-student Joint Committee expressed a favorable judgement on November 4th 2020, as per art.12 comma 3 of the D; 270/04



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