DIDACTIC REGULATIONS OF THE DEGREE PROGRAM
ANIMAL PRODUCTION SCIENCES AND TECHNOLOGIES

CLASS LM-86

School: Agricultural and Veterinary Medicine

Department: Veterinary Medicine and Animal Productions

Regulations in force since the academic year 2025 - 2026

ACRONYMS

CCD	[Commissione di Coordinamento Didattico]	Didactic Coordination Commission
CdS	[Corso/i di Studio]	Degree Program
CFU	[Crediti Formativi Universitari = 1 ECTS]	University training credits
CPDS	[Commissione Paritetica Docenti-Studenti]	Joint Teachers-Students Committee
OFA	[Obblighi Formativi Aggiuntivi]	Additional Training Obligations
SUA-CdS	[Scheda Unica Annuale del Corso di Studio]	Annual single form of the Degree Program
RDA	[Regolamento Didattico di Ateneo]	University Didactic Regulations

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Art. 1
Object

1. These Didactic Regulations govern the organisational aspects of the CdS in Animal Production Sciences and Technologies (LM-86). The teaching language is Italian, and the course is delivered is the conventional format. The CdS in Animal Production Sciences and Technologies is hinged in Department of Veterinary Medicine and Animal Productions.
2. The CdS is governed by the Didactic Coordination Commission (CCD), pursuant to Art. 4 of the RDA. The CCD also makes use of the following subcommittees established in accordance with paragraph 4 of Art. 4 of the RAD:
   1) Joint Student-teacher Committee (CPDS)
   2) Erasmus Committee
   3) Internship and Placement Committee TPA/STPA/PLF
   4) Orientation and Tutoring Committee
   5) Advisory Committee
   6) Committee for relations with social partners.
3. The Didactic Regulations are issued in compliance with the relevant legislation in force, the Statute of the University of Naples Federico II, and the RDA.

Art. 2
Training objectives

The specific educational objectives of the Course are:

- to provide high-level scientific skills in the field of feed rationing for animals raised in traditional livestock systems;
- to provide high-level scientific skills in the fields of forage crops, plant pathology, phytopathology, entomology, and feed techniques;
- to provide high-level scientific skills in the field of animal selection and genetic improvement;
- to provide technical skills on management, construction, environmental impact, ecotoxicology, and ecoparasitology for the eco-sustainable management of animal farms in line with national and European directives on economic, environmental, and ecological sustainability, as well as for animal welfare;
- to provide technical and scientific knowledge on wildlife and game farming, park management, insect farming, and marine production;
- to provide technical-scientific training on issues related to the protection of agro-biodiversity in livestock supply chains and their enhancement, certification, and technological transformation;
- to provide knowledge on topics of valuation assessments and policies for the stabilization of agricultural incomes to be able to practice as an Agronomist.

The educational program includes a broad common part (89 CFU) and then splits into two curricula of 31 CFU each: one aimed at deepening aspects related to livestock biodiversity and the breeding of minor species and wildlife, and the other focused on eco-sustainable livestock supply chains, typical and traditional productions.

Art. 3
Professional profile and work opportunities

The professional profile targeted by the course is that of an Agronomist expert in the field of Animal Husbandry and the production of food of animal origin. Graduates shall be eligible for registration in the Professional Register of Agronomists and Foresters, Section A, upon successful completion of the State Examination.

The degree course is characterized by a strong multidisciplinary approach to the educational process, allowing the formation of a professional figure that combines flexibility with specialization, capable of performing:

- organizational and managerial activities in livestock farms, wildlife and game farms, feed industries, breeder associations, livestock cooperatives, as well as in industries that process foods of animal origin;
- organizational and managerial activities in public administrations operating in the agro-livestock and forestry sectors, such as national and regional services for environmental and land protection, and for the management of parks and protected areas;
- consulting activities in the production and certification processes of agro-food supply chains;
- consulting activities for the organization and management of eco-sustainable agro-food production chains.

Graduates in Animal Production Sciences and Technologies acquire a broad and in-depth knowledge of livestock science concepts, integrating subjects such as feed rationing and feed techniques with those of forage crops, plant pathology, phytopathology, animal selection and genetic improvement, livestock farm management and environmental sustainability, wildlife and game farming, park management, insect farming, and marine production. These skills are complemented by training in valuation disciplines, policies for stabilizing agricultural incomes, agro-biodiversity protection in livestock supply chains, and the enhancement of animal-origin products through quality certifications, legislation in the agro-food sector, as well as ecotoxicology, ecoparasitology, and animal welfare biochemistry.

Graduates in Animal Production Sciences and Technologies can find employment as:

- consultants or managers of various agro-livestock enterprises, wildlife and game farms, and eco-sustainable farms for small species;
- specialized technicians in feed companies and nutrition consultants for livestock, companion animals, and aquaculture;
- managers, consultants, high-qualified technicians in public bodies, organizations, and associations involved in technical assistance in the field of livestock farming, derived products, and animal welfare;
- managers, high-qualified technicians, or consultants in companies and organizations operating in the certification and processing of animal-origin food products;
- consultants for the design of livestock buildings and facilities consistent with animal welfare directives;
- consultants for the management of wild animals in parks, reserves, protected areas, and protected territories;
- researchers in public and private research institutions and universities.

Art. 4

Admission requirements and knowledge required for access to the Degree Program[1]

To be admitted to the Master's Degree Course in Animal Production Sciences and Technologies, the following curricular requirements are necessary:

- a degree in the L38 class - Animal Science and Technology of Animal Productions (former DM 270/2004) or in the class 40 - Animal Science and Technology of Animal Productions (former DM 509/99); in the L25 class - Agricultural and Forestry Sciences and Technologies, in the LM69 class - Agricultural Science and Technology and in the LM 42 class - Veterinary Medicine;
- knowledge of the English language at least at the B2 level;
- or a degree in another class having obtained at least 40 CFU in the following disciplinary sectors:
  - Biochemistry (BIOS-07/A, ex BIO/10)
  - Veterinary Physiology (MVET-01/B, ex VET/02)
  - Rural Economics and Valuation (AGRI-01/A, ex AGR/01)
  - Agronomy and Herbaceous Crops (AGRI-02/A, ex AGR/02)
  - General Animal Husbandry and Genetic Improvement (AGRI-09/A, ex AGR/17)
  - Animal Nutrition and Feeding (AGRI-09/B, ex AGR/18)
  - Special Animal Husbandry and Breeding Techniques (AGRI-09/C, ex AGR/19)
  - Zootechnics (AGRI-09/D, ex AGR/20)

For all students who meet the curricular requirements, personal preparation will be verified according to the methods defined in Art. 5.

[1] Artt. 7, 13, 14 of the University Didactic Regulations.

Art. 5
Procedures for access to the Degree Program (CdS)

1. The CCD of the Degree Program normally regulates the admission criteria and any scheduling of enrolments, except in cases subject to different provisions of law[2].
2. Graduates holding a degree in the following classes are eligible for admission to the degree programme: L-38 – Animal Science and Technology (pursuant to Ministerial Decree 270/2004), or Class 40 – Animal Science and Food Production Technologies (pursuant to Ministerial Decree 509/1999); L-25 – Agricultural and Forestry Sciences and Technologies; LM-69 – Agricultural Sciences and Technologies; LM-42 – Veterinary Medicine.
3. It is possible for graduates from other degree classes to enroll, subject to verification of their curricular path and the recognition of at least 40 CFU in the core sectors listed in Art. 4, identified as the minimum requirement.
4. The verification of curricular requirements is carried out by the Student Services Office and the Course Teaching Coordination Committee. The latter is specifically responsible for assessing the content and learning objectives of the courses or activities that contributed to the credits referred to in paragraph 3.
5. The assessment of the applicant's personal academic preparation is mandatory in all cases and is reserved to students who meet the curricular requirements.
6. The personal academic preparation requirement is deemed fulfilled if the applicant has achieved a final degree mark of at least 99/110.
   Applicants who have not yet completed their degree by the enrollment deadline, but are expected to graduate by the final date set by the University bodies, are considered to have fulfilled the requirement if their weighted grade point average is equal to or above 25/30.
   Applicants with a final degree mark below 99/110 or a weighted average below 25/30 must undergo an interview to assess their academic preparation, conducted by a Committee appointed by the CCD.
7. The CCD will evaluates enrollment requests submitted by graduates from foreign universities, verifying the consistency of the student's academic career and the possession of the minimum requirements through an admission test, if necessary.
8. Knowledge of the English language at B2 level must be certified through an official language certificate or by passing a placement test.

Art. 6
Teaching activities and university training credit
(Teaching activities and CFU)

Each training activity, prescribed by the CdS detail sheet, is measured in CFU. Each CFU corresponds to 25 hours of overall training commitment[3] per student and includes the hours of teaching activities specified in the curriculum as well as the hours reserved for personal study or other individual training activities.

For the Degree Program covered by this Didactic Regulations, the hours of teaching specified in the curriculum for each CFU, established in relation to the type of training activity, are as follows [4]:

- Lecture or guided teaching exercises: 10 hours per CFU;

[2] National programmed access is regulated by L. 264/1999 and subsequent amendments and supplements.

[3] According to Art. 5, par. 1 of Italian Ministerial Decree No 270/2004, "25 hours of total commitment per student correspond to university training credits; a ministerial decree may justifiably determine variations above or below the aforementioned hours for individual classes, by a limit of 20 per cent".

[4] The number of hours considers the instructions in Art. 6, par. 5 of the RDA: "of the total 25 hours, for each CFU, are reserved: a) 5 to 10 hours for lectures or guided teaching exercises; b) 5 to 10 hours for seminars; c) 8 to 12 hours for laboratory activities or fieldwork, except in the case of training activities with a high experimental or practical content, and subject to different legal provisions or different determinations by DD.MM.".

- Stage activity: 25 hours per CFU.

For internship activities, each credit corresponds to 25 hours of overall training commitment [5].
The CFU corresponding to each training activity acquired by the student is awarded by satisfying the assessment procedures (examination, pass mark) indicated in the Course sheet relating to the course/activity attached to these Didactic Regulations.

Art. 7
Description of teaching methods

The didactic activity is carried out in convetional modality.
If necessary, the CCD decides which courses also include teaching activities offered online.
Some courses may also take place in seminar form and/or involve classroom exercises, laboratories and farms.
Detailed information on how each course is conducted can be found in the course sheets.

Art. 8
Testing of training activities[6]

1. The CCD, within the prescribed regulatory limits[7], establishes the number of examinations and other means of assessment that determine the acquisition of credits. Examinations are individual and may consist of written, oral, practical, graphical tests, term papers, interviews, or a combination of these modes.
2. The examination procedures published in the course sheets and the examination schedule will be made known to students before the start of classes on the Department's website.[8]
3. Examinations are held subject to booking, which is made electronically. In case the student is unable to book an exam for reasons that the President of the Board considers justifiable, the student may still be admitted to the examination, following those students already booked.
4. Before examination, the President of the Board of Examiners verifies the identity of the student, who must present a valid photo ID.
5. Examinations are marked out of 30. Examinations involving an assessment out of 30 shall be passed with a minimum mark of 18; a mark of 30 may be accompanied by honours by a unanimous vote of the Board. Examinations are marked out of 30 or with a simple pass mark. Assessments following tests other than examinations are marked out with a simple pass mark.
6. Oral exams are open to the public. If written tests are scheduled, the candidate has the right to see his/her paper(s) after correction.

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[5] For Internship activities (Inter-ministerial Decree 142/1998), subject to further specific provisions, the number of working hours equal to 1 CFU may not be less than 25.
[6] Article 22 of the University Didactic Regulations.
[7] Pursuant to the DD.MM. 16.3.2007 in each Degree Programs the examinations or profit tests envisaged may not be more than 20 (Bachelor's Degrees; Art. 4. par. 2), 12 (Master's Degrees; Art. 4, par. 2), 30 (five-year -cycle Degrees) or 36 (six-year single-cycle Degrees; Art. 4, par. 3). Pursuant to the RDA, Art. 13, par. 4, "the assessments that constitute an eligibility evaluation for activities referred to in Art. 10, par. 5, letters c), d), and e) of Ministerial Decree no. 270/2004, including the final examination for obtaining the degree, are excluded from the calculation." For Master's Degree Program and single-cycle Master's Degree Program, however, pursuant to the RDA, Art. 14, par. 7, "the assessments that constitute a progress evaluation for activities referred to in Art. 10, par. 5, letters d) and e) of Ministerial Decree no. 270/2004 are excluded from the exam count; the final examination for obtaining the Master's Degree and single-cycle Master's Degree is included in the maximum number of exams".
[8] Reference is made to Art. 22, par. 8, of the University Teaching Regulations, which states that "the Department or School ensures that the dates for progress assessments are published on the portal with reasonable advance notice, which normally cannot be less than 60 days before the start of each academic period, and that an adequate period of time is provided for exam registration, which is generally mandatory."

7. The University Didactic Regulations govern Examination Boards [9].

Art. 9
Degree Program structure and Study Plan

1. The legal duration of the Degree Program is 2 years. It is also possible to enrol, based on the contract, in compliance with the provisions of Article 24 of the RDA and according to the criteria and procedures defined in the following paragraph.
   The student must acquire 120 CFU[10], attributable to the following Types of Training Activities (TAF):
   A) characterising,
   B) related or complementary,
   C) at the student's choice[11],
   D) for the final exam,
   E) further training activities.
2. The degree is awarded after having acquired 120 CFU [see note 9] by passing examinations, not exceeding 12, and the performance of other training activities.
   Unless otherwise provided for in the legal framework of University studies, examinations taken as part of basic, characterising, and related or supplementary activities, as well as activities chosen autonomously by the student (TAF D) are taken into consideration for counting purposes. Examinations or assessments relating to activities independently chosen by the student may be taken into account in the overall calculation corresponding to one unit[12]. Tests constituting an assessment of suitability for the activities referred to in Article 10, paragraph 5, letters c), d) and e) of Ministerial Decree 270/2004[13] are excluded from the count. Integrated Courses comprising of two or more modules are subject to a single examination.
3. In order to acquire the CFU relating to independent choice activities, the student is free to choose among all the Courses offered by the University, provided that they are consistent with the

[9] Reference is made to Art. 22, paragraph 4 of the RDA according to which "Examination Boards and other assessments committees are appointed by the Director of the Department or by the President of the School when provided for in the School's Regulations. This function may be delegated to the CCD Coordinator. The Commissions comprise of the President and, if necessary, other professors or experts in the subject. In the case of active courses, the President is the course instructor, and in such cases, the Board can validly make decisions even in the presence of the President alone. In other cases, the President is a professor identified at the time of the Board's appointment. In the comprehensive evaluation of the overall performance at the conclusion of an integrated course, the professors in charge of the coordinated modules participate, and the President is appointed when the Commission is appointed."

[10] The total number of CFU for the acquisition of the relevant degree must be understood as follows: six-year single-cycle Degree, 360 CFU; five-year single-cycle Degree, 300 CFU; Bachelor's Degree, 180 CFU; Master's Degree, 120 CFU.

[11] Corresponding to at least 12 ECTs for Bachelor's Degrees and at least 8 CFU for Master's Degrees (Art. 4, c. 3 of Ministerial Decree 16.3.2007).

[12] Pursuant to the D.M. 386/2007.

[13] Art. 10, par. 5 of Ministerial Decree. 270/2004: "In addition to the qualifying training activities, as provided for in paragraphs 1, 2 and 3, Degree Programs shall provide for: a) training activities autonomously chosen by the student as long as they are consistent with the training project [TAF D]; b) training activities in one or more disciplinary fields related or complementary to the basic and characterising ones, also with regard to context cultures and interdisciplinary training [TAF C]; c) training activities related to the preparation of the final exam for the achievement of the degree and, with reference to the degree, to the verification of the knowledge of at least one foreign language in addition to Italian [TAF E]; d) training activities, not envisaged in the previous points, aimed at acquiring additional language knowledge, as well as computer and telematic skills, relational skills, or in any case useful for integration in the world of work, as well as training activities aimed at facilitating professional choices, through direct knowledge of the job sector to which the qualification may give access, including, in particular, training and guidance programs referred to in Decree no. 142 of 25 March 1998 of the Ministry of Labour [TAF F]; e) in the hypothesis referred to in Article 3, paragraph 5, training activities relating to internships and apprenticeships with companies, public administrations, public or private entities including those of the third sector, professional orders and colleges, on the basis of appropriate agreements".

training project. This consistency is assessed by the Didactic Coordination Commission. Also, for the acquisition of the CFU relating to autonomous choice activities, the "passing the exam or other form of profit verification" is required (Art. 5, par. 4 of Ministerial Decree 270/2004).

4. The study plan summarises the structure of the Degree Program, listing the envisaged teachings broken down by course year and, in case, by curriculum. At the end, the propedeuticities envisaged by the Degree Program are listed. The study plan offered to students, with an indication of the scientific-disciplinary sectors and the area to which they belong, of the credits, of the type of educational activity, is set out in Annex 1 to these Didactic Regulations.
5. Pursuant to Art. 11, paragraph 4-bis, of Ministerial Decree 270/2004, it is possible to obtain the Degree according to an individual study plan that also includes educational activities different from those specified in the Didactic Regulations, as long as they are consistent with the CdS detail sheet of the academic year of enrollment. The individual study plan is approved by is approved by the CCD.

Art. 10
Attendance requirements[14]

1. In general, attendance of lectures is a) strongly recommended but not compulsory.
2. If the lecturer envisages a different syllabus modulation for attending and non-attending students, this is indicated in the individual Course details published on the CdS web page and on the teacher's UniNA website.
3. Attendance at seminar activities that award training credits is compulsory. The relative modalities for the attribution of CFU are the responsibility of the CCD.

Art. 11
Prerequisites and prior knowledge

1. The list of incoming and outgoing propedeuticities (necessary to sit a particular examination) can be found at the end of Annex 1 and in the teaching/activity course sheet (Annex 2).
2. Any prior knowledge deemed necessary is indicated in the individual Teaching Schedule published on the course webpage and on the teacher's UniNA website.

Art. 12
Degree Program Calendar

The Degree Program calendar can be found on the Department's website well before the start of the activities (Art. 21, par. 5 of the RDA).

Art. 13
Criteria for the recognition of credits earned in other Degree Programs in the same Class[15]

For students coming from Degree Programs of the same Class, the Didactic Coordination Commission ensures the full recognition of CFU, when associated with activities that are culturally compatible with the training Degree Program, acquired by the student at the originating Degree Program, according to the criteria outlined in Article 14 below. Failure to recognise credits must be adequately justified. It is without prejudice to the fact that the number of credits relating to the same scientific-disciplinary sector directly recognised by the student may not be less than 50% of those previously achieved.

[14] Art. 22, par. 10 of the University Didactic Regulations.
[15] Art. 19 of the University Didactic Regulations.

Article 14

Criteria for the recognition of credits acquired in Degree Programs of different classes, in university or university-level Degree Programs, through single courses, at online Universities and in international Degree Programs[16]; criteria for the recognition of credits acquired in extra-curricular activities

1. With regard to the criteria for the recognition of CFU acquired in Degree Programs of different Classes, in university or university-level Degree Programs, through single courses, at online Universities and in International Degree Programs, the credits acquired are recognised by the CCD on the basis of the following criteria:
   - analysis of the activities carried out;
   - evaluation of the congruity of the disciplinary scientific sectors and of the contents of the training activities in which the student has earned credits with the specific training objectives of the Degree Program and of the individual training activities to be recognised.

   Recognition is carried out up to the number of credits envisaged by the didactic system of the Degree Program. Failure to recognise credits must be adequately justified. Pursuant to Art. 5, par. 5-bis, of Ministerial Decree 270/2004, it is also possible to acquire CFU at other Italian universities on the basis of agreements established between the concerned institutions, in accordance with the regulations current at the time [17].
2. Any recognition of CFU relating to examinations passed as single courses may take place within the limit of 36 CFU, upon request of the interested party and following the approval of the CCD. Recognition may not contribute to the reduction of the legal duration of the Degree Program, as determined by Art. 8, par. 2 of Ministerial Decree 270/2004, except for students who enrol while already in possession of a degree of the same level[18].
3. With regard to the criteria for the recognition of CFU acquired in extra-curricular activities, pursuant to Art. 3, par. 2, of Ministerial Decree (D.M.) 931/2024, within the limit of 24 CFU, the following activities may be recognised (Art. 2 of D.M. 931/2024):
   - Professional knowledge and skills, certified in accordance with the current regulations as well as knowledge and skills acquired in post-secondary-level training activities.
   - Training activities carried out in the cycles of study at the public administration training institutions as well as knowledge and skills acquired in post-secondary-level training activities, which the University contributed to developing and implementing.
   - Achievement of an Olympic or Paralympic medal or the title of absolute world champion, absolute European champion or absolute Italian champion in disciplines recognized by the Italian National Olympic Committee or the Italian Paralympic Committee.

Art. 15

Criteria for enrolment in individual teaching courses

Enrolment in individual teaching courses, provided for by the University Didactic Regulations[19], is governed by the "University Regulations for enrolment in individual teaching courses activated as part of the Degree Program"[20].

[16] Art. 19 and Art. 27, par. 6 of the University Didactic Regulations.

[17] Art. 6, par. 9 of the University Didactic Regulations.

[18] Art. 19, par. 4 of the University Didactic Regulations.

[19] Art. 19, par. 4 of the University Didactic Regulations.

[20] R.D. No. 348/2021.

Article 16
Features and modalities for the final examination

The Master's degree in Animal Production Sciences and Technologies is obtained after passing a final exam, which consists of defending an original thesis on a topic related to the educational path. The chosen topic for the thesis preparation is agreed upon with an advisor and should include the most recent advancements in the selected field, highlighting the student's synthesis and communication skills. The Master's thesis can be connected and contextualized with internships or placements in Italian and foreign companies or academic institutions.

The final exam involves presenting and defending an original thesis in front of a Commission composed of at least 5 members, including full professors and researchers, with at least 4 full professors. The Chair of the Final Exam Commission is either the Department Director or the President of the Course Coordination Committee, or the most senior full professor present.

The final grade is determined by awarding up to 11 additional points to the average of grades obtained in individual exams, expressed in one-hundredths. These points are assigned based on the evaluation of the final exam, academic performance, assessment of the internship, and acquisition of credits abroad. A final grade of 110/110 with honors may be awarded by unanimous decision of the Exam Commission.

Passing the final exam awards the corresponding credits (CFU) and confers the degree title as established by the study regulations. For further details, please refer to the Regulations for the preparation, conduct, and evaluation of the final exam of the Degree Course.

Article 17
Guidelines for traineeship and internship

1. Students enrolled in the Degree Program may decide to carry out internships or training periods with organisations or companies that have an agreement with the University. Traineeship and internship are compulsory and contribute to the award of credits for the other training activities chosen by the student and included in the study plan, as provided for by Art. 10, par. 5, letters d) and e), of Ministerial Decree 270/2004[21].
2. The CCD regulates the modalities and characteristics of traineeship and internship with specific regulations.
3. The University of Naples Federico II, through through the Office for Education, PhD programs, specialization courses, and master's programs, and the Steering Committee, ensures constant contact with the world of work to offer students and graduates of the University concrete opportunities for internships and work experience and to promote their professional integration.

Article 18
Disqualification of student status[22]

A student who has not taken any examinations for eight consecutive academic years incurs forfeiture unless his/her contract stipulates otherwise. In any case, forfeiture shall be notified to the student by certified e-mail or other suitable means attesting to its receipt.

[21] Traineeships ex letter d) can be both internal and external; traineeships ex letter e) can only be external.
[22] Art. 24, par. 5 of the University Didactic Regulations.

Article 19
Teaching tasks, including supplementary teaching, guidance, and tutoring activities

1. Professors and researchers carry out the teaching load assigned to them in accordance with the provisions of the RDA and the Regulations on the teaching and student service duties of professors and researchers and on the procedures for self-certification and verification of actual performance[23].
2. Professors and researchers must guarantee at least two hours of reception every 15 days (or by appointment in any case granted no longer than 15 days) and, in any case, guarantee availability by e-mail.
3. The tutoring service has the task of orienting and assisting students throughout their studies and of removing the obstacles that prevent them from adequately benefiting from attending courses, also through initiatives tailored to the needs and aptitudes of individuals.
4. The University ensures guidance, tutoring and assistance services and activities to welcome and support students. These activities are organised by the Schools and/or Departments under the coordination of the University, as established by the RDA in Article 8.

Article 20
Evaluation of the quality of the activities performed

1. The Didactic Coordination Commission implements all the quality assessment forms of teaching activities envisaged by the regulations in force according to the indications provided by the University Quality Presidium.
2. In order to guarantee the quality of teaching to the students and to identify the needs of the students and all stakeholders, the University of Naples Federico II uses the Quality Assurance (QA)[24] System, developed in accordance with the document "Self-evaluation, Evaluation and Accreditation of the Italian University System" of ANVUR, using:
   - surveys on the degree of placement of graduates into the world of work and on post-graduate needs;
   - data extracted from the administration of the questionnaire to assess student satisfaction for each course in the curriculum, with questions relating to the way the course is conducted, teaching materials, teaching aids, organisation, facilities.

   The requirements deriving from the analysis of student satisfaction data, discussed, and analysed by the Teaching Coordination Committee and the Joint Teachers' and Students' Committee (CPDS), are included among the input data in the service design process and/or among the quality objectives.
3. The QA System developed by the University implements a process of continuous improvement of the objectives and of the appropriate tools to achieve them, ensuring that planning, monitoring, and self-assessment processes are activated in all the structures to allow the prompt detection of problems, their adequate investigation, and the design of possible solutions.

Article 21
Final Rules

[23] R.D No. 2482//2020.

[24] The Quality Assurance System, based on a process approach and adequately documented, is designed in such a way as to identify the needs of the students and all stakeholders, and then translate them into requirements that the training offer must meet.

The Department Council, on the proposal of the CCD, submits any proposals to amend and/or supplement these Rules for consideration by the Academic Senate.

Article 22
Publicity and Entry into Force

1. These Rules and Regulations shall enter into force on the day following their publication on the University's official notice board; they shall also be published on the University website. The same forms and methods of publicity shall be used for subsequent amendments and additions.
2. Annex 1 (CdS structure) and Annex 2 (Teaching/Activity course sheet) are integral parts of this Didactic Regulations.

ANNEX 1.2

DEGREE PROGRAM DIDACTIC REGULATIONS

ANIMAL PRODUCTION SCIENCES AND TECHNOLOGIES

CLASS LM-86

School: Agricultural and Veterinary Medicine

Department: Veterinary Medicine and Animal Productions

Didactic Regulations in force since the academic year 2025-2026

STUDY PLAN

KEY

Type of Educational Activity (TAF):
B = Characterising
C = Related or Supplementary
D = At the student's choice
E = Final examination and language knowledge
F = Further training activities

Year I - COMMON PATH									
Title Course	**SSD**	**Module**	**CREDITS**	**Hours**	**Type Activities** ***(lectures, workshops, etc.)***	**Course Modalities** ***(in-person, by distance)***	**TAF**	**Disciplinary area**	**Mandatory/ optional**
LIVESTOCK HOUSING AND ENVIRONMENTAL IMPACT	AGRI-09/C (ex AGR/19)	Environmental impact and management of waste from animal breeding	12	50	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory
	AGRI-04/C (ex AGR/10)	Livestock housing, landscape planning and Cartography		70		In-person	B		
ANIMAL GENETIC SELECTION AND IMPROVEMENT	AGRI-09/A (ex AGR/17)	single	5	50	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory
DIET FORMULATION AND FEED TECHNOLOGY	AGRI-09/B (ex AGR/18)	Diet Formulation for Livestock	10	50	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory
	AGRI-09/B (ex AGR/18)	Feed Processing and Biotechnological Applications in Animal Nutrition		50	Frontal lesson/ practice	In-person			

FORAGE CROP PRODUCTION AND PLANT PATHOLOGY	AGRI-02/A (ex AGR/02)	Forage Crop	10	50	Frontal lesson/ practice	In-person	C	Related or supplementary training activities	Mandatory
	AGRI-05/B (ex AGR/12)	Production Plant pathology and Phytopathology		50		In-person			
CERTIFIED MANAGEMENT SYSTEMS IN FOOD INDUSTRY	MVET-02/B (ex VET/04)	single	5	50	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory
Choice module		single	5+5	100	Frontal lesson/ practice	In-person	D	Other activities	Mandatory

Year II – COMMON PATH

Title Course	SSD	Module	CREDITS	Hours	Type Activities *(lectures, workshops, etc.)*	Course Modalities *(in- person, by distance)*	TAF	Disciplinary area	Mandatory/ optional
AGRICULTURAL VALUATION AND INCOME STABILIZATION POLICIES	AGRI-01/A (ex AGR/01)	Agricultural Valuation	12	70	Frontal lesson	In-person	B	Management and sustainability disciplines	Mandatory
	AGRI-01/A (ex AGR/01)	Revenue risk management policy in agriculture and fishery		50		In-person	B		
ANIMAL BREEDING MANAGEMENT	AGRI-09/C (ex AGR/19)	single	6	60	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory
Stage			8	200	Laboratory o internship	In-person	F	Other activities	Mandatory
Training and orientation internships			1	25	Internship	By distance	F	Other activities	Mandatory
Final test			10				E	Other activities	Mandatory

Year II

CURRICULUM 1 - BIODIVERSITY AND ECOTOXICOLOGY, WILDLIFE AND SMALL ANIMAL BREEDING

Title Course	SSD	Module	CREDITS	Hours	Type Activities *(lectures, workshops, etc.)*	Course Modalities *(in- person, by distance)*	TAF	Disciplinary area	Mandatory/ optional
WILDLIFE CONSERVATION, PROTECTED AREA MANAGEMENT AND ENTOMOLOGY	AGRI-09/C (ex AGR/19)	Breeding of wild & hunting animals and management of protected areas	10	50	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory
	AGRI-05/A (ex AGR/11)	Entomology		50		In-person	C	Related or supplementary training activities	
ECOTOXICOLOGY AND ECOPARASITOLOGY	MVET-04/A (ex VET/07)	Environmental Toxicology	10	50	Frontal lesson/ practice	In-person	B	Livestock and animal	Mandatory

								production disciplines	
	MVET-03/B (ex VET/06)	Ecoparasitology of domestic and wild animals		50	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory
INSECT FARMING AND MARINE AQUACULTURE	AGRI-09/D (ex AGR/20)	Beekeeping and Edible Insect Farming	11	60	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory
	AGRI-09/D (ex AGR/20)	Mollusc and Crustacean Aquaculture and Farming of Innovative Fish Species		50	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory

Year II

CURRICULUM 2 - SUSTAINABLE LIVESTOCK SUPPLY CHAINS AND TRADITIONAL ANIMAL PRODUCTS

Title Course	**SSD**	**Module**	**CREDITS**	**Hours**	**Type Activities** ***(lectures, workshops, etc.)***	**Course Modalities** ***(in- person, by distance)***	**TAF**	**Disciplinary area**	**Mandatory/ optional**
NUTRITIONAL ECOLOGY AND ENVIRONMENTALLY SUSTAINABLE SUPPLY CHAINS	AGRI-09/C (ex AGR/19)	Sustainable Production Chains	10	50	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory
	AGRI-09/B (EX AGR/18)	Nutritional ecology		50		In-person	B		
AGROBIODIVERSITY AND FOOD PROCESSING TECHNOLOGIES	AGRI-09/A (ex AGR/17)	Conservation of Agrobiodiversity in Animal Production Systems	11	60	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory
	AGRI-07/A (ex AGR/15)	Traditional Food Products and Food Processing Technologies		50	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory
APPLIED BIOCHEMISTRY AND ANIMAL WELFARE IN ANIMAL PRODUCTION	BIOS-07/A (ex BIO/10)	Applied biochemistry for animal production	10	50	Frontal lesson/ practice	In-person	C	Related or supplementary training activities	Mandatory
	MVET-01/B (ex VET/02)	Physiological and Behavioural Assessment of Animal Welfare		50	Frontal lesson/ practice	In-person	B	Livestock and animal production disciplines	Mandatory

List of propaedeuticities: none.

ANNEX 2.1

DEGREE PROGRAM DIDACTIC REGULATIONS

ANIMAL PRODUCTION SCIENCES AND TECHNOLOGIES

CLASS LM-86

School: Agricultural and Veterinary Medicine

Department: Veterinary Medicine and Animal Productions

Regulations in force for the academic year 2025 - 2026

Course: **LIVESTOCK HOUSING AND ENVIRONMENTAL IMPACT** Environmental impact and management of waste from animal breeding (Module) Livestock housing, landscape planning and cartography (Module)	**Teaching Language:** Italian.
SSD (Subject Areas): AGRI-09/C (ex AGR/19), AGRI-04/C (ex AGR/10)	**CREDITS:** 5 + 7
Course year: I	**Type of Educational Activity:** Characterising
Teaching Methods: in-person	
Contents extracted from the SSD declaratory list consistent with the learning objectives of the course: AGRI-09/C ex AGR/19): The training skills concern zootechnical physio-climatology, special zootechnics. AGRI-04/C ex AGR/10: The training skills concern the analysis and planning of agricultural and forestry systems, rural and forestry constructions, constructions and plants for agriculture, for the treatment of agricultural, forestry and agro-industrial wastewater, for environmental protection , the infrastructures for the agricultural and forest territory, the surveying and representation techniques of the rural and forest territory.	
Learning objectives: The aims of the course are: - to transfer the basic knowledge related to the inorganic components of livestock manure; - to provide the notions useful for the assessment and control of livestock waste in the environmental - context; - to provide the necessary tools for the application of operational protocols useful for defining strategies to reduce the impact of breeding animals in livestock production on the environment; - to direct corporate decision-making choices using a critical reasoning that satisfies income and environmental protection; - to analyze the dynamics that affect the correct management of farm waste; - to propose solutions for specific cases; - to implement planning and management projects of the dynamics involving livestock manure, finalizing livestock activities towards sustainable solutions; - to identify the specific International, European, National and Local regulations;	

- to provide the notions useful for analysis and design of rural buildings and animal housing, by integrating basic land system knowledge, authorization process and environmental impact with engineering design principles;
- to provide the notions on animal housing design, environment housing management and energy needs;
- to provide the notions useful for conversion of geo coordinates in the main reference systems used nationally;
- to provide the notions on deals with the climate and land characterization to optimize manure management reducing environmental impacts of intensive livestock.

Pre-requisites: None

Is a pre-requisite for: None

Types of examinations and other tests: written and oral.

The final grade will be obtained from the weighted average of the marks obtained for each module.

Course: **ANIMAL GENETIC SELECTION AND IMPROVEMENT**	**Teaching Language:** Italian.
SSD (Subject Areas): AGRI-09/A (ex AGR/17)	**CREDITS:** 5
Course year: I	**Type of Educational Activity:** Characterising

Teaching Methods: in-person

Contents extracted from the SSD declaratory list consistent with the learning objectives of the course:

Training competencies cover biotechnology applied to genetic improvement and genetic improvement of animals in livestock production.

Learning objectives: to provide advanced skills about selection and genetic improvement of animals of zootechnical interest, on the estimation of the reproductive value of animals and on the elaboration of genetic improvement plans according to the selection objectives of the breed and livestock farm with a view to environmental sustainability.

Pre-requisites: None

Is a pre-requisite for: None

Types of examinations and other tests: oral.

Course: **DIET FORMULATION AND FEED TECHNOLOGY** Diet Formulation for Livestock (Module) Feed Processing and Biotechnological Applications in Animal Nutrition (Module)	**Teaching Language:** Italian.
SSD (Subject Areas): AGRI-09/B (ex AGR/18)	**CREDITS:** 5 + 5
Course year: I	**Type of Educational Activity:** Characterising

Teaching Methods: in-person

Contents extracted from the SSD declaratory list consistent with the learning objectives of the course:

Training competencies cover livestock feed, dietetics and food hygiene in animal husbandry, including aquatic livestock, methodologies and biotechnology applied to animal nutrition, animal nutrition and feeding, feed technology, and by-product utilization.

Learning objectives:

The course aims to deepen the meaning and calculations for the nutritional requirements of the main livestock animal species and to provide practical knowledge on the relative feeding plan; to gain in-depth

knowledge of plant layout and manufacturing operations of feed industry, on the legislation, laws and regulations relative to the production and marketing of concentrate feeds, on the application aspects of genetic biotechnology to understand the phenomena involved in the processes of making genetically modified organisms.

Pre-requisites: None
Is a pre-requisite for: None

Types of examinations and other tests: written and oral.
The final grade will be obtained from the weighted average of the marks obtained for each module.

Course: **FORAGE CROP PRODUCTION AND PLANT PATHOLOGY** Forage Crop Production (Module) Plant pathology and Phytopathology (Module)	**Teaching Language:** Italian.
SSD (Subject Areas): AGRI-02/A (ex AGR/02), AGRI-05/B (ex AGR/12)	**CREDITS:** 5 + 5
Course year: I	**Type of Educational Activity:** Related or Supplementary

Teaching Methods: in-person

Contents extracted from the SSD declaratory list consistent with the learning objectives of the course:
AGRI-02/A ex AGR/02): Training competencies cover the biology and ecophysiology of herbaceous crops; to general agronomic and spatial aspects; and specific techniques of different herbaceous crops.
AGRI-05/B ex AGR/12): Training competencies cover phytopathological mycology and bacteriology, plant virology, pathology and pathophysiology of agricultural and forestry plants and their products, non-parasitic diseases, phytoiatry, biological and integrated disease management, and phytopathological biotechnology.

Learning objectives:
The aims of the course are to provide specialized knowledge on:
- the cultivation techniques of crops destined to animal feed, traditional and innovative, highlighting their uses as fodder or feed;
- the use of low-impact agricultural practices, able to increase the resilience and biodiversity of the cultivation systems typical of the Campania Region, with a view to environmental and economic sustainability;
- the interactions between the supply chain of crop production for fodder and bio-energy use;
- the plant pathology and particularly in eco-sustainable protection of plants used for animal productions;
- the prevention of plant diseases and food contamination by mycotoxin-producing fungi, formulation of appropriate control systems and the safe use of chemicals in agriculture.

Pre-requisites: None
Is a pre-requisite for: None

Types of examinations and other tests: written and oral.
The final grade will be obtained from the weighted average of the marks obtained for each module.

Course: **CERTIFIED MANAGEMENT SYSTEMS IN FOOD INDUSTRY**	**Teaching Language:** Italian.
SSD (Subject Areas): MVET-02/B (ex VET/04)	**CREDITS:** 5
Course year: I	**Type of Educational Activity:** Characterising

Teaching Methods: in-person

Contents extracted from the SSD declaratory list consistent with the learning objectives of the course:

Training competencies cover food quality control in all stages of the different production chains, from primary productions to the finished product, including marketing and serving stages, and socio-economic aspects related to food production.

Learning objectives:

The Course aims are to provide specialized knowledge on:

- the main aspects related to the quality management for the food safety;
- the application of statutory and voluntary rules active in quality assurance in the food industry, in particular the process and product certification, the analytical and the documentary traceability, HACCP;
- the analytical methods for the food quality control;
- application of these rules to specific sectors of the food industry.

Pre-requisites: None

Is a pre-requisite for: None

Types of examinations and other tests: oral.

Course: **AGRICULTURAL VALUATION AND INCOME STABILIZATION POLICIES** Agricultural Valuation (Module) Revenue risk management policy in agriculture and fishery (Module)	**Teaching Language:** Italian.
SSD (Subject Areas): AGRI-01/A (ex AGR/01)	**CREDITS:** 7 + 5
Course year: II	**Type of Educational Activity:** Characterising

Teaching Methods: in-person

Contents extracted from the SSD declaratory list consistent with the learning objectives of the course:

The educational competencies of the field include agricultural, mountain, forestry and agribusiness economics and policy at the level of rural land and its resources, farms and technical means used, including agro-biotechnology, economic aspects of land and rural planning and management, interactions between agricultural systems and economic development, and rural and environmental valuation.

Learning objectives:

The aims of the course are to provide specialized knowledge useful to:

- economic evaluation and economic appraisal of animal production goods useful to farm rent return computation of zootechnical and forages production;
- production and distribution system and the complex relationships between the stakeholders of agro-food chain, with specific references on livestock sector;
- sustain agricultural sector, to safeguard farmers' income and to valorise agro-food products by agricultural policy instruments at the international, national and regional levels (PSR 2014-2020);
- the formulation of a business model.

Pre-requisites: None

Is a pre-requisite for: None

Types of examinations and other tests: written and oral.

The final grade will be obtained from the weighted average of the marks obtained for each module.

Course: **ANIMAL BREEDING MANAGEMENT**	**Teaching Language:** Italian.
SSD (Subject Areas): AGRI-09/C (ex AGR/19)	**CREDITS:** 6
Course year: II	**Type of Educational Activity:** Characterising
Teaching Methods: in-person	
Contents extracted from the SSD declaratory list consistent with the learning objectives of the course: Training competencies cover methodologies and biotechnology applied to animal husbandry, special animal husbandry.	
Learning objectives: to develop and understand the basic principles of livestock farming; to provide the knowledge of the main technologies applied to livestock and the main indicators of animal welfare and production; to perform farm management through the use of information; to use of spreadsheets and specific programs for farm management.	
Pre-requisites: None **Is a pre-requisite for:** None	
Types of examinations and other tests: oral.	

Course: **WILDLIFE CONSERVATION, PROTECTED AREA MANAGEMENT AND ENTOMOLOGY** Breeding of wild & hunting animals and management of protected areas (Module) Entomology (Module)	**Teaching Language:** Italian.
SSD (Subject Areas): AGRI-09/C (ex AGR/19), AGRI-05/A (ex AGR/11)	**CREDITS:** 5 + 5
Course year: II	**Type of Educational Activity:** Characterising and related or supplementary
Teaching Methods: in-person	
Contents extracted from the SSD declaratory list consistent with the learning objectives of the course: AGRI-09/C (ex AGR/19): The training objectives cover morpho-functional, ethological, reproductive evaluation of hunting wildlife species, biotechnology and agrotechnology of animal husbandry, in different environments and livestock systems, respecting hygiene and environment, animal welfare and protecting product quality. AGRI-05/A (ex AGR/11): training skills cover general and applied entomology, agricultural, forestry, urban and food, medical-veterinary, apidology and sericulture, biological and integrated pest control, and agricultural parasitology.	
Learning objectives: The aims of the course are to provide specialized knowledge: - on biology of the species of fauna interest aiming at the possibility of management and commercial use; - to designing, organizing and supervising the census / monitoring operations of species of wildlife interest. - to direct decision-making choices using a critical reasoning that includes the conservation of biodiversity, hunting and agro-forestry-pastoral practices; - to analyze population dynamics and the adaptation of biodiversity to modified habitats;	

- to implement planning and management projects of the population dynamics of the different species and their habitats aimed at sustainable use and conservation of environments;
- to manage the production of wildlife and their eventual translocation on the territory (repopulation);
- on the specific International, European, National and Local regulations about Protected Areas manage;
- on the anatomy, physiology, behavior and ecology of insects with particular reference to pests of crops used for animal nutrition;
- on the defense strategies and control methods.

Pre-requisites: None

Is a pre-requisite for: None

Types of examinations and other tests: written and oral.

The final grade will be obtained from the weighted average of the marks obtained for each module.

Course: **ECOTOXICOLOGY AND ECOPARASITOLOGY** Environmental Toxicology (Module) Ecoparasitology of domestic and wild animals (Module)	**Teaching Language:** Italian.
SSD (Subject Areas): MVET-04/A (ex VET/07), MVET-03/B (ex VET/06)	**CREDITS:** 5 + 5
Course year: II	**Type of Educational Activity:** Characterising

Teaching Methods: in-person

Contents extracted from the SSD declaratory list consistent with the learning objectives of the course:

MVET-04/A (ex VET/07): training skills concern the study of the sources, dynamic and kinetic properties, symptomatological and autopsy findings peculiar to toxic substances of different origins relevant to the agricultural and veterinary world for the definition of antidotal and conservation measures, the safeguarding of animal welfare and the environment, the influence they exert on livestock production, and the possibility of using animals as biological indicators of environmental contamination states.

MVET-03/B (ex (VET/06): training skills cover sanitary entomology and pest control techniques, parasitology, ecoparasitology and wildlife health management, parasitic and fungal diseases of animals and their epidemiology, and biotechnology applied to parasitology.

Learning objectives:

The aims of the course are to provide specialized (theoretical and practical) knowledge:

- on the flow of chemical contaminants, especially those of anthropogenic origin, in the different environmental compartments in relation to the impact that these xenobiotics can have on species of zoo-economic interest and on the quality of food of animal origin intended for humans;
- on the assessment and estimation of environmental risks, the exposure of animal organisms to contaminants and the methods used to assess the concentrations and effects of the main xenobiotics;
- on the etiology, epidemiology and control practices of the main parasitic infection of equidae with particular attention to health status and repercussions on sports performance (non-DPA animals) and production (DPA animals) with a view to their application in the farm management.
- on the rational use of anthelmintic drugs and the development of anthelminthic resistance.

Pre-requisites: None

Is a pre-requisite for: None

Types of examinations and other tests: oral. The final grade will be obtained from the weighted average of the marks obtained for each module.

Course: **INSECT FARMING AND MARINE AQUACULTURE** Beekeeping and Edible Insect Farming (Module) Mollusc and Crustacean Aquaculture and Farming of Innovative Fish Species (Module)	**Teaching Language:** Italian.

SSD (Subject Areas): AGRI-09/D 8ex AGR/20)	**CREDITS:** 5 + 5
Course year: II	**Type of Educational Activity:** Characterising
Teaching Methods: in-person	
Contents extracted from the SSD declaratory list consistent with the learning objectives of the course: The training competencies cover zootechnical physio-climatology, aquaculture, avifauna, laboratory and fur-bearing animal husbandry, aviculture, conigliculture and zooculture.	
Learning objectives: The aims of the course are to provide specialized knowledge: - to manage of an apiary in the context of the different production lines; - on the production of the main species of insects to be used in animal or human nutrition; - on systematics, biology and rearing techniques of the main species of bivalve molluscs and crustaceans as well as of the nutrition, feeding, structures, technologies and breeding systems of fish species newly introduced or potentially farmable in Italian aquaculture.	
Pre-requisites: None **Is a pre-requisite for:** None	
Types of examinations and other tests: oral. The final grade will be obtained from the weighted average of the marks obtained for each module.	

Course: **NUTRITIONAL ECOLOGY AND ENVIRONMENTALLY SUSTAINABLE SUPPLY CHAINS** Sustainable Production Chains (Module) Nutritional ecology (Module)	**Teaching Language:** Italian.
SSD (Subject Areas): AGRI-09/C (ex AGR/19), AGRI-09/B (ex AGR/18)	**CREDITS:** 5 + 5
Course year: II	**Type of Educational Activity:** Characterising
Teaching Methods: in-person	
Contents extracted from the SSD declaratory list consistent with the learning objectives of the course: AGRI-09/C (ex AGR/19): The training competencies cover morpho-functional evaluation of animals in livestock production, ethology, ecology and zootechnical physio-climatology, methodologies and biotechnology applied to animal husbandry, special zootechnics, quality assessment of animal products, annonary procurement and livestock products industry. AGRI-09/B (ex AGR/18): Training competencies cover livestock feed, dietetics and food hygiene in animal husbandry, including aquatic livestock, methodologies and biotechnology applied to animal nutrition, animal nutrition and feeding, feed technology, and by-product utilization.	
Learning objectives: The aims of the course are to provide specialized knowledge: - on alternative breeding systems aimed at greater sustainability; - to formulate rations to improve animal performance, prevent metabolic disease and reduce environment pollution; - on the influence of animal nutrition on nutritional characteristics of food positive for human health..	
Pre-requisites: None **Is a pre-requisite for:** None	
Types of examinations and other tests: oral. The final grade will be obtained from the weighted average of the marks obtained for each module.	

Course: **AGROBIODIVERSITY AND FOOD PROCESSING TECHNOLOGIES** Conservation of Agrobiodiversity in Animal Production Systems (Module) Traditional Food Products and Food Processing Technologies (Module)	**Teaching Language:** Italian.
SSD (Subject Areas): AGRI-09/A (ex AGR/17), AGRI-07/A (ex AGR/15)	**CREDITS:** 6+ 5
Course year: II	**Type of Educational Activity:** Characterising
Teaching Methods: in-person	
Contents extracted from the SSD declaratory list consistent with the learning objectives of the course: AGRI-09/A (ex AGR/17): Training competencies cover the analysis and protection of animal genetic resources, livestock demography and ethnology. AGRI-07/A (ex AGR/15): Training skills cover food technology processes, product conditioning and distribution technology, plant cleaning and sanitization, chemical analysis and evaluation of physical and sensory properties of products, product quality management, and food industry wastewater treatment.	
Learning objectives: The aims of the course are to provide specialized knowledge: - on the diversity of animal genetic resources (native breeds of livestock interest) linked to agro-ecosystems and the most effective and current strategies aimed at their protection and valorization; - to draft and evaluate of a production specification and elaborate of a project for the protection and valorization of an animal genetic resource and/or an eco-sustainable supply chain; - on the food safety, animal welfare, social equity of income, and prospects for eco-sustainable development of the rural world; - on the raw material and finished products, as well as the production and processing processes of typical and traditional products of animal origin.	
Pre-requisites: None **Is a pre-requisite for:** None	
Types of examinations and other tests: oral. The final grade will be obtained from the weighted average of the marks obtained for each module.	

Course: **APPLIED BIOCHEMISTRY AND ANIMAL WELFARE IN ANIMAL PRODUCTION** Applied biochemistry for animal production (Module) Physiological and Behavioural Assessment of Animal Welfare (Module)	**Teaching Language:** Italian.
SSD (Subject Areas): BIOS-07/A (ex BIO/10), MVET-01/B (ex VET/02)	**CREDITS: 5**+ 5
Course year: II	**Type of Educational Activity:** Characterising and related or supplementary
Teaching Methods: in-person	
Contents extracted from the SSD declaratory list consistent with the learning objectives of the course: BIOS-07/A (ex BIO/10): Training competencies cover biological processes at the molecular level; the structure, properties, and functions of biomolecules, including proteins and nucleic acids; molecular and regulatory mechanisms of biotransformation, enzyme catalysis, metabolism, fermentations, gene expression and regulation, signal transduction, intra- and intercellular	

communications; the biochemical basis of disease states, food and nutrition in humans and other organisms MVET-01/B (ex VET/02): The training skills concern the analysis of the organic and behavioural reactions and functional efficiency of the various apparatuses to infer the animal's state of well-being, defining the range of animal use situations within which this condition is maintained.
Learning objectives: The aims of the course are to provide specialized knowledge: - on the structure, functions and metabolic fate of macronutrients, vitamins and mineral salts, as well as the molecular mechanisms of signal transduction that regulate the health and welfare of farm animals; - on the biochemical methodologies and their application in the animal production; - on the ethology and behavior of livestock; - on the behavioural needs of farm animals with special interest in their physical and mental well-being.
Pre-requisites: None **Is a pre-requisite for:** None
Types of examinations and other tests: oral. The final grade will be obtained from the weighted average of the marks obtained for each module.

List of propaedeuticities: none.

ANNEX 2.2

DEGREE PROGRAM DIDACTIC REGULATIONS

ANIMAL PRODUCTION SCIENCES AND TECHNOLOGIES

School: Agricultural and Veterinary Medicine

Department: Veterinary Medicine and Animal Productions

Regulations in force for the academic year 2025 - 2026

<table>
<tr><td colspan="2">Training Activity:
Educational and Orientation Internships
under Art. 10, c. 5, letter d</td><td>Training Activity Language: italian</td></tr>
<tr><td colspan="2">Content of the activities consistent with the training objectives of the course:
• training and orientation periods
• Other knowledge useful for job placement</td><td>CFU: 1</td></tr>
<tr><td colspan="2">Course year: II</td><td>Type of Training Activity: F</td></tr>
<tr><td colspan="3">Teaching Methods: in person</td></tr>
<tr><td colspan="3">Objectives: They contribute to the acquisition of non-disciplinary transversal skills such as acting in line with ethical and professional principles and in compliance with industry regulations, as well as to the achievement of professional training objectives for the workforce.</td></tr>
<tr><td colspan="3">Propaedeuticities: None

Is a propaedeuticity for: exam final</td></tr>
<tr><td colspan="3">Types of examinations and other tests: aptitude</td></tr>
</table>