



UNIVERSITÀ
degli STUDI
di CATANIA

ACADEMIC REGULATIONS
MASTER'S DEGREE PROGRAMME IN
AGRICULTURAL SCIENCE AND TECHNOLOGY
(CLASS LM-69R)
COHORT 2026-2027

Approved by the Academic Senate at the meeting of

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ART. 1 – GENERAL INFORMATION
1.1 Department: Department of Agriculture, Food and Environment (Di3A)
1.2 Class: LM-69R – Agricultural Science and Technology
1.3 Teaching location: Catania, Via S. Sofia 100
1.4 Governing Bodies of the Degree Programme in 'Agricultural Sciences and Technology': President, Degree Programme Council, Quality Assurance Management Group
1.5 Target professional profiles: Agronomist (Dottore Agronomo) The programme prepares for the following professions (ISTAT codes): 1. Agronomists and forest specialists – (2.3.1.3.0) 2. Public Administration management specialists – (2.5.1.1.1) 3. Specialists in the marketing of goods and services (excluding the ICT sector) – (2.5.1.5.2) 4. Researchers and graduate technicians in agricultural, zootechnical and animal production sciences – (2.6.2.2.2)
1.6 Access to the programme: open access
1.7 Language of instruction: English
1.8 Duration: two years
1.9 Award of the degree: The master's degree is obtained upon acquisition of at least 120 ECTS credits (98 ECTS for coursework + 22 ECTS for the final examination)
1.10 Academic regulations: The academic regulations of the Degree Programme, including the general framework of educational activities, drawn up in accordance with the scheme defined by the Ministerial Decrees and in compliance with ANVUR requirements, are available at the link provided in Art. 5 of these Regulations.

ART. 2 – ADMISSION REQUIREMENTS AND CREDIT RECOGNITION
2.1 Qualification To be admitted to the LM-69R master's degree programme, applicants must hold a first-cycle degree (laurea) or a three-year university diploma, or another foreign qualification recognised as equivalent by the Degree Programme Council. Applicants must also meet specific curricular requirements and demonstrate adequate personal preparation. The required prerequisites – both curricular and in terms of personal preparation – as well as the methods of verification, are set out in the academic regulations and in points 2.3 and 2.4 below.
2.2 non-EU candidates not resident in Italy with a foreign qualification Non-EU candidates must hold a foreign qualification recognised as equivalent under applicable regulations. Foreign students must refer to the call for applications for 'Public Selection for the Admission of Non-EU Students Living Abroad', available at: https://www.unict.it/it/corsi-numero-programmato/2026-2027/public-selection-admission-non-eu-students-living-abroad-english Additionally, candidates with a foreign qualification may make use of the University of Catania's services dedicated to international students.
2.3 Curricular requirements The curricular prerequisites for admission are automatically met by graduates of Class L-25 (Agricultural Science and Technology) and graduates in Agricultural Science and Technology under the previous Class 20 regulations, or an equivalent foreign qualification. These prerequisites are also met by graduates of the following classes: L-2 (Biotechnology), L-13 (Biological Sciences), L-21 (Environmental and Landscape Planning and Sustainability), L-26 (Food Science and Technology), L-27 (Chemical Sciences and Technologies), L-29 (Pharmaceutical Sciences and Technologies), L-32 (Environmental and Natural Sciences and Technologies), L-38 (Zootechnical Sciences and Animal Production Technologies), and corresponding classes under D.M. 509/1999 or an equivalent foreign qualification, provided that they have acquired at least 60 ECTS credits in one or more of the following scientific-disciplinary sectors: AGRI (formerly AGR), MATH (formerly MAT), INFO (formerly INF), IINF (formerly ING-INF), ECON (formerly SECS-P), CEAR (formerly ICAR), PHYS (formerly FIS), BIOS (formerly BIO), MVET (formerly VET), and CHEM (formerly CHIM). Admission also requires adequate language proficiency in English at level B2 (or higher) of the Common European Framework of Reference for Languages

(CEFR). Admission to the master's degree programme is subject to passing a verification of personal academic preparation, according to the procedures defined in the academic regulations of the programme. For more detailed provisions, including the deadlines by which curricular requirements must be met, please refer to the University's call for applications for admission to Degree and Master's Degree Programmes without a numerus clausus, available at: <https://www.unict.it/ammissioni-ai-corsi-di-laurea-magistrale/numero-non-programmato>

2.4 Admission tests and verification of personal preparation

Admission to the programme also requires knowledge of the Italian language equivalent to at least level B2 of the CEFR. Foreign students who do not meet this requirement must include in their study plan educational activities aimed at reaching the required level. Enrolment for the 2026-2027 academic year is without a numerus clausus. The adequacy of the applicant's initial preparation will be assessed through an oral interview conducted by a Committee appointed by the Di3A Department. The interview will cover topics listed in a Syllabus published online on the programme's website, as well as the applicant's motivations, capacity for synthesis, command of the subjects covered, and communication skills.

2.5 Criteria for the recognition of credits obtained in other degree programmes

Pursuant to Art. 12 of the University Academic Regulations (RDA), the total or partial recognition of credits acquired by a student at other Universities or in other Degree Programmes, for the purpose of continuing their studies, is deliberated by the Degree Programme Council of the receiving institution, according to procedures and criteria designed to ensure recognition of the greatest possible number of credits already earned, including through interviews to verify actual knowledge. Any refusal to recognise credits must be duly justified. Where the student comes from a master's degree programme belonging to the same class, the proportion of credits for the same scientific-disciplinary sector to be directly recognised shall not be less than 50% of those already earned. Consistently with the provisions of the University Academic Regulations (Art. 26), a student who has earned recognisable credits may apply for enrolment with an abbreviated study path, upon which the Degree Programme Council shall deliberate, determining the ECTS credits to be recognised and, accordingly, the year of study to which the student may be admitted. Students who already hold a qualification of the same level may only have recognised a number of ECTS credits not exceeding half the credits required for obtaining the degree, net of the credits relating to the final examination, which cannot be recognised.

2.6 Criteria for the recognition of professional knowledge and skills, certified in accordance with applicable regulations, and other knowledge and skills acquired in post-secondary educational activities

In accordance with applicable regulations and consistently with the University Academic Regulations, professional knowledge and skills certified pursuant to current legislation, as well as other knowledge and skills acquired in post-secondary educational activities, may be recognised as university educational credits (CFU/ECTS). Specifically, if the activity was carried out at a public administration body, it is sufficient for the student to submit a self-declaration in accordance with applicable law; if the activity was carried out at a non-public body or institution, the student must present a certification issued in compliance with the law by the relevant body or institution. The aforementioned certifications must also indicate the number of hours of the educational activity, the assessment of learning outcomes, and the competences acquired. For the purposes of credit recognition, the competent bodies of the Degree Programme shall determine which knowledge and skills may be recognised, up to the maximum number of ECTS credits set out in point 2.9 below, based on criteria that ensure an accurate assessment aimed primarily at verifying relevance to and consistency with the academic regulations and specific educational objectives of the Degree Programme. Activities already recognised for the award of university educational credits within first-cycle degree programmes may not be recognised again as credits within master's degree programmes, single-cycle master's degree programmes, or other degree programmes.

2.7 Criteria for the recognition of ECTS credits for educational activities carried out in training cycles at public administration training institutes, as well as other knowledge and skills acquired in post-secondary educational activities in the design and implementation of which the University has participated

In accordance with applicable regulations and consistently with the University Academic Regulations, university educational credits may be recognised for educational activities carried out in training cycles at public administration training institutes, as well as for other knowledge and skills acquired in post-secondary educational activities in the design and implementation of which the University has participated. Similarly to the provisions of point 2.6 above, the recognition application must be accompanied by appropriate certification issued in accordance with applicable legislation, suitable to provide the information necessary for evaluation. For the purposes of credit recognition, the competent bodies of the Degree Programme shall identify which activities, knowledge, and skills may be recognised, up to the maximum number of ECTS credits set out in point 2.9, on the basis of criteria ensuring an accurate assessment primarily aimed at verifying relevance to and consistency with the academic regulations and specific educational objectives of the Degree Programme. Activities already recognised for the award of university educational credits within first-cycle degree programmes may not be recognised again as credits within master's degree programmes, single-cycle master's degree programmes, or other degree programmes.

2.8 Criteria for the recognition of ECTS credits for students who have obtained an Olympic or Paralympic medal, or the title of absolute world champion, absolute European champion, or absolute Italian champion in disciplines recognised by the Italian National Olympic Committee (CONI) or the Italian Paralympic Committee (CIP)

In accordance with applicable regulations, university educational credits (ECTS) may be recognised for students who have obtained an Olympic or Paralympic medal, or the title of absolute world champion, absolute European champion, or absolute Italian champion in disciplines officially recognised by the Italian National Olympic Committee or the Italian Paralympic Committee. The recognition application must be accompanied by appropriate official documentation attesting to the title obtained, issued in accordance with applicable legislation and suitable to provide the information necessary for evaluation. The competent bodies of the Degree Programme shall proceed with the evaluation, identifying the recognisable ECTS credits up to the maximum number set out in point 2.9, on the basis of criteria ensuring a rigorous assessment of the relevance of the sporting achievement. Activities already recognised for the award of university educational credits within first-cycle degree programmes may not be recognised again.

**2.9 Maximum number of recognisable credits for the reasons referred to in points 2.6, 2.7 and 2.8:
12 ECTS****ART. 3 – ORGANISATION OF TEACHING ACTIVITIES****3.1 Structure of the study programme**

The study programme is structured around 4 curricula and includes both core and integrative courses, which may be single-discipline or, in some cases, integrated. A group of courses is common to all pathways. The number of examinations in each curriculum is a maximum of 11, including credits freely chosen by the student. Each course includes lectures and additional teaching activities (practical sessions, seminars, technical visits, etc.). Educational activities are organised into semesters. The first year concentrates the common courses, which occupy the entire first semester and part of the second, with the aim of completing the preparation of first-cycle graduates by providing further knowledge in the areas of economics and management, agricultural engineering, plant and animal production, and plant protection. The second year is dedicated, in particular, to the specific activities of each curriculum; the second semester is almost entirely devoted to the preparation of the final dissertation. In order to increase practical competences and contact with the world of work, internship activities are planned within the programme from the first year onwards.

The four curricula are:

1. "Plant productions"
2. "Plant protection technologies"
3. "Economy and planning"
4. "Zootechnical"

3.2 Temporal structure:
semestral**3.3 Dual degree pathway:**
Not available**3.4 Attendance**

Attendance is not compulsory, but is strongly recommended as it facilitates the learning process and the assessment of student merit. The status of working student, student-athlete, student in a situation of vulnerability, student with a disability, and student in detention may be recognised upon submission of a request, in compliance with Art. 30 of the University Academic Regulations and the Regulations for the Recognition of the Status of Working Student, Student-Athlete, Student in Difficulty, and Student with Disability (D.R. no. 1598 of 2/5/2018) and the resolution of the Di3A Department Council (no. 3 of 20 January 2016). These students will be entitled to specific forms of supplementary academic support and the possibility of sitting examinations in special examination sessions.

3.5 Method of monitoring attendance

Attendance is not compulsory but strongly recommended. The recording of attendance of 'effective' students — i.e. those who attend lectures and are subject to the obligation to complete the OPIS student satisfaction questionnaire for the periodic evaluation of teaching, in accordance with ANVUR guidelines — will be carried out through methods delegated to the organisational autonomy of the individual course lecturers.

3.6 Types of teaching methods adopted

Courses may consist of multiple modules, each corresponding to a different type of activity, to which a different proportion of the total scheduled hours for lecturer-assisted activities corresponds, as follows:

(F) Lecture = 7 hours of classroom lectures per ECTS credit;

(E) Other activities (practical sessions) = 14 hours of assisted activities in the classroom, laboratory, seminars, or excursions per ECTS credit.

3.7 Methods of assessing student preparation

The method of assessment varies by course. Assessment may be carried out through:

- Oral examination (O);
- Written examination (S);
- Preparation of a technical paper (T);
- Graphic test (G);
- Practical test (P);
- Intermediate oral and/or written test (PI).

The type of test, both intermediate and final, is chosen so as to enable the examining committee to assess in the most appropriate manner the achievement by the student of the prescribed educational objectives.

3.8 Rules for the submission of individual study plans

Pursuant to Art. 13, paragraph 10 of the University Academic Regulations, students may obtain their degree according to an individual study plan that also includes educational activities other than those provided for in the academic regulations, provided these are consistent with the academic framework of the degree programme for the academic year of enrolment. In the case of credit recognition under points 2.6, 2.7 and 2.8, and for students transferring from other degree programmes, the Degree Programme Council shall draw up an individual study plan that guarantees the same educational content as the official study plan. Similar provisions shall be considered by the Degree Programme Council for the study pathways of 'part-time students', 'working students', 'student-athletes', and 'students in situations of vulnerability, with disabilities, or in detention'. With regard to part-time student pathways, Art. 29 of the University Academic Regulations shall apply.

3.9 Criteria for periodic verification of the non-obsolescence of knowledge content:

No specific criteria for periodic verification of the non-obsolescence of knowledge content are envisaged for courses under D.M. 509/99 and D.M. 270/04, as resolved by the Department Council of Agriculture, Food and Environment, the relevant teaching structure, at its meeting of 20 January 2016.

3.10 Criteria for verifying credits obtained more than six years ago:

Credits obtained more than six years ago are considered fully valid where there have been no substantial changes to the content of the courses to which they relate. Otherwise, the Degree Programme Council shall deliberate, as resolved by the Department Council of Agriculture, Food and Environment, the relevant teaching structure, at its meeting of 20 January 2016.

3.11 Criteria for the recognition of studies completed abroad

Students may pursue part of their studies at foreign universities or equivalent institutions with which the University has entered into student mobility programmes recognised by universities of the European Union and/or bilateral agreements providing for the award of qualifications mutually recognised by both parties. Pursuant to Art. 32 of the University Academic Regulations, the Degree Programme Council shall deliberate on the Learning Agreement submitted by the student, specifying which educational activities are recognised and providing adequate justification in the event that any activity cannot be recognised. The resolution shall indicate the correspondence between the recognised educational activities and the curricular activities of the degree programme and shall not be based on a more or less perfect correspondence in content between the courses of the degree programme and those the student intends to attend abroad, but shall verify that the latter are consistent with the objectives of the degree class. Assessment shall be expressed in thirtieths and conversion shall comply with the provisions of the ECTS (European Credit Transfer and Accumulation System).

3.12 Criteria for the recognition of educational credits obtained at other Italian universities:

On the basis of agreements for mobility programmes entered into with other legally recognised Italian universities, in accordance with applicable regulations and within the framework of specific provisions issued by the University of Catania on the matter, credit recognition shall be possible in accordance with the terms of those agreements and the annual call for applications.

3.13 Guidance and tutoring

Incoming guidance at the Di3A Department is considered by all members of the Degree Programme Council as strategic in the process of accompanying students through the educational pathway provided for by the university system, and essential for the academic success of enrolled students and for correcting any shortcomings in the external perception of the Degree Programme. At departmental level, guidance activities are managed by the Di3A Guidance Committee, which coordinates the promotion of the degree programmes' educational offerings through participation in University initiatives and the promotion of other activities. Please refer to the Department's dedicated webpage for information and updates on current initiatives (<https://www.di3a.unict.it/it/orientamento>).

Students enrolled in the Master's Degree Programme in Agricultural Science and Technology are closely supported by the teaching staff, also thanks to the favourable student-to-faculty ratio of the programme. At the beginning of each academic year, the Programme President organises a welcome meeting with new students to introduce the Degree Programme, the main services, and the opportunities it offers, such as the possibility of completing part of the training abroad through the Erasmus programme.

The degree programme includes the role of tutor lecturer, fulfilled by several members of the Degree Programme Council; the lecturers are coordinated by the Programme President and work in concert with the Quality Assurance Management Group (GGAQ) and the Departmental Joint Committee. Students are assigned to tutors once the names of first-year enrolled students are available, and the assignment is made on the basis of an equitable distribution of the total number of students among individual tutor lecturers. Students can view their assignment on the dedicated webpage of the degree programme.

The tutoring activity ensures that students have clear points of reference throughout their study pathway. Several types of tutoring are provided:

1) Informational:

- Welcome support and organisational-academic assistance (e.g.: study plans at the end of the first year to support the choice of curriculum);

- Support in interactions with lecturers;

- Both general informational and advisory support, through in-person meetings, telephone, and email.

2) Academic:

- Supplementary teaching activities and support in critical subject areas;

- Support activities in teaching laboratories to guide students in the application of the scientific method to the interpretation of experimental observations.

Type 2 tutoring is particularly aimed at making up for delays in academic progress and/or supporting working students or students in difficulty pursuant to the University Academic Regulations. Students are also encouraged to make use of the psychological counselling service offered by the University (<https://www.unict.it/it/servizi/counseling-psicologico>), aimed at helping students to face and overcome personal, relational, and academic difficulties, such as anxiety, exam stress, panic attacks, or inadequate communication patterns. Developing greater awareness of one's own problem-solving abilities helps students to regain active participation in university life.

3.14 Evaluation of teaching activities

Student opinions on teaching activities are collected annually through a questionnaire (OPIS), the procedures for which are defined and proposed by the University Quality Assurance Office. Surveys guarantee anonymity to students. Data relating to student opinions for individual academic years are made available on the University portal at <https://www.unict.it/it/didattica/valutazione-didattica-opinionestudenti> and the OPIS results are subject to in-depth analysis within the Degree Programme's Quality Assurance Management Group, with a view to proposing corrective actions for any shortcomings identified. Furthermore, the programme's lecturers also promote, during classes, awareness-raising actions among students on the importance of OPIS surveys.

3.15 Curricular internships and placement:

No curricular internship is provided. Career support is provided at departmental level by the Di3A Placement Committee (<https://www.di3a.unict.it/it/content/commissione-placement>), with the aim of supporting young graduates in their professional journey, assisting them in making choices and actively seeking employment. Please refer to the Department's dedicated webpage for details and updates on planned initiatives.

ART. 4 – OTHER EDUCATIONAL ACTIVITIES

4.1 Student-elected activities

Students may freely choose 12 ECTS credits from educational activities offered by the University, provided these are judged by the Degree Programme Council to be consistent with the educational project and not overlapping with activities already included in the study plan. The Degree Programme Council evaluates individual requests submitted by students. Students may also choose from a list of pre-approved courses annually approved by the Council, using the computerised career management system. The acquisition of these credits requires passing an examination or other form of assessment.

4.2 Further educational activities (Art. 10, paragraph 5, letters c, d of D.M. 270/2004)

Further language skills: not provided

IT and digital skills: not provided

Traineeships and orientation: not provided

Other knowledge useful for employment: 1 ECTS credit in total. Students may submit a request for the recognition of orientation seminars to the world of work organised by the Department, or certifications for educational and cultural activities, whether or not carried out with the University's participation. These activities must:

- relate to a period falling within the years of enrolment in the programme, and

• be considered consistent by the Degree Programme Council with the objectives of the degree class.
Once the student has obtained certification of the activities carried out totalling 1 ECTS credit, they may submit a single application for recognition in their academic career, together with a brief written report on the activities in which they participated. The Teaching, Student Services and International Mobility Office will then book the student for the approval of the credits onto their academic record by a specific committee appointed by the Degree Programme Council.

4.3 Periods of study abroad and/or in Italy:

Educational activities completed abroad are taken into consideration by the Committee when evaluating the final examination, as specified in point 4.4.

4.4 Final examination

The final examination, worth 22 ECTS credits, consists of the writing in English and public defence, before a Committee, of an experimental thesis prepared in an original manner by the candidate under the guidance of one or more supervisors, at least one of whom must be a lecturer, including from another university. The total number of ECTS credits for the final examination may arise from one of the following alternative modes:

a. Data acquisition carried out entirely abroad: 18 ECTS; thesis writing: 4 ECTS;

b. Data acquisition carried out entirely in Italy: 18 ECTS; thesis writing: 4 ECTS.

The defence of the thesis is public and takes place before a committee composed of no fewer than 5 and no more than 11 lecturers of the University, including contract professors, and presided over by the Programme President or a lecturer delegated by them. The supervisor, if not a member of the committee, participates in the proceedings solely for the evaluation of the candidate whose work they have supervised. The registration of the final examination takes place electronically with the signatures of the president and secretary of the committee. For matters not specified herein, reference is made to Art. 25 of the current University Academic Regulations. The assessment of the final examination for the award of the master's degree is expressed in hundredths. The grade takes into account not only the assessment of the examination itself, but also the academic results achieved by the student in the educational activities of the entire programme, any other relevant element, and in particular the student's cultural maturity, capacity for personal intellectual elaboration, and any international experience. The thesis merit is assigned by the Committee based on the presentation and mastery of the subject. The Committee may award a score between 0 and 8 points based on the coherence between educational and professional objectives, cultural maturity, and the capacity for personal intellectual elaboration.

The overall curricular merit is calculated by adding to the weighted average of the grades from the curriculum studiorum, expressed in hundredths $[(\text{weighted average of grades} \times 11) / 3]$:

- 0.2 points for each individual distinction (lode);

- 2.0 points for a number of ECTS credits obtained abroad ≥ 12 ;

- 0.1 points for each ECTS credit acquired during a period of study abroad not already recognised;

- 1.0 points if the student graduates on time.

With regard to the last criterion, for students with specific learning disorders (DSA) the normal duration of the programme is extended by 1 year, and for students with disabilities by 2 years. A candidate who obtains the maximum grade may be awarded the distinction (lode) only by unanimous decision of the Committee. For matters not specified herein, reference is made to Art. 25 of the current University Academic Regulations.

ART. 5 – ACADEMIC REGULATIONS

Approved on: 29/03/2024

Link to the academic regulations (RaD) of the LM-69R Degree Programme:

https://www.di3a.unict.it/sites/default/files/documenti_sito/LM69_eng_RAD_2025.pdf

ART. 6 – PLANNED TEACHING (SUA-CDS)
LIST OF COURSES
Cohort 2026-2027

No.	SSD	Course name	ECTS	N. of hours		Prerequisites	Year	Language	Educational objectives
				Lectures	Other activities				
1	C.I.	APPLIED ANIMAL PRODUCTION							The course aims to enhance understanding of the impact of corporate-level strategies on improving the sustainability of livestock farming and product quality.
	AGRI-09/C (ex AGR/19)	Evaluation tools for quality management in livestock	6	21	42	-	2	EN	The course aims to provide knowledge useful for assessing the effects of sustainable livestock production systems on the quality of animal-derived foods.
	AGRI-09/C (ex AGR/19)	Sustainable management of animal production system	6	21	42	-	2	EN	The aim of the course is to deepen students' understanding of animal husbandry techniques aimed at ensuring the sustainability and quality of production.
2	AGRI-03/A (ex AGR/03)	Fruitculture	6	21	42	-	1	EN	The course aims to provide knowledge on the cultivation of the main fruit tree species, especially those found in the Mediterranean environment.
3	C.I.	ARTHROPOD PEST MANAGEMENT IN MEDITERRANEAN CROPS							The course aims to increase the knowledge on the ecological and phytosanitary importance of key arthropod plant pests and on their integrated and biocontrol strategies.
	AGRI-05/A (ex AGR/11)	Biological control	6	21	42	-	2	ING	The objective of the course is to offer a comprehensive understanding of multitrophic interactions among plants, arthropod pests, and their biocontrol agents.
	AGRI-05/A (ex AGR/11)	Integrated pest management	6	21	42	-	2	EN	The course aims at providing advanced knowledge on the ecological role and harmfulness of key insect pests of the major Mediterranean crops.
4	AGRI-03/A (ex AGR/03)	Mediterranean fruit tree crops	6	21	42	-	2	EN	The course aims to provide students with in-depth knowledge of the interrelationships among biological, environmental, and technical-cultural factors involved in citrus, grape, and olive production.
5	AGRI-02/B (ex AGR/04)	Vegetable and ornamental crops	6	21	42	-	1	EN	The course aims to provide a comprehensive understanding of the

									cultivation of the most representative species in Mediterranean horticulture and floriculture.
6	AGRI-05/B (ex AGR/12)	Diagnosis in plant pathology	6	21	42	-	2	EN	The course aims to provide knowledge on traditional and innovative methods for the diagnosis and characterization of the main plant disease agents.
7	C.I.	REAL ESTATE VALUATION AND COMMON AGRICULTURAL POLICIES							The integrated course aims to provide principles, models, and methodological and applicative tools for determining the value of goods with and without a market, as well as to present common agricultural and fisheries policies.
	AGRI-01/A (ex AGR/01)	Rural estate valuation	6	21	42	-	1	EN	Operational schemes for estimating the value of rural properties, methods of investigation and analysis of the real estate market, guidelines for drafting real estate due diligence.
	AGRI-01/A (ex AGR/01)	European Agricultural and Fisheries Policy	6	21	42	-	1	EN	The course aims to present European policies on agriculture and fisheries, considering their objectives, instruments, and functioning.
8	AGRI-05/B (ex AGR/12)	Plant disease management	6	21	42	-	1	EN	The course aims to provide an in-depth understanding of crop protection in horticulture, floriculture, and fruit growing.
9	C.I.	STRATEGIC MANAGEMENT OF AGRI-FOOD BUSINESSES, MARKET AND MARKETING							Essential tools are provided for defining the strategic and competitive orientation of the enterprise, as well as for analyzing and interpreting the structure and management of the agricultural enterprise.
	AGRI-01/A (ex AGR/01)	Strategic management of the farm	6	21	42	-	2	EN	Essential tools are provided for defining the strategic and competitive orientation of the enterprise and for analyzing and interpreting the structure and management of the agricultural enterprise.
	AGRI-01/A (ex AGR/01)	Agri-Food markets and marketing	6	21	42	-	2	EN	The course aims to provide students with the basic tools necessary to understand the market for agri-food products and its trends within developed economic systems.
10	C.I.	SUSTAINABLE AGRO-ECOSYSTEM							Provide knowledge about the composition of soil organic matter, techniques to enhance it, and its functions, with a focus on rational soil management.

	AGRI-06/B (ex AGR/13)	Management of soil organic matter	6	21	42	-	1	EN	The module aims to provide in-depth knowledge of natural organic matter dynamics and nutrients to understand the factors regulating plant growth.
	AGRI-02/A (ex AGR/02)	Sustainable management of cropping systems	6	21	42	-	1	EN	The agroecology-focused module provides students with advanced knowledge and practical skills for the sustainable management of agricultural systems.
11	AGRI-04/A (ex AGR/08)	Water resource management in agriculture	6	21	42	-	1	EN	Provide knowledge on soil hydrology in agricultural land and irrigation techniques, as well as criteria for designing and sizing irrigation systems.
12	AGRI-05/B (ex AGR/12)	Biological control of plant diseases	6	21	42	-	2	EN	The course aims to provide knowledge on biological defence of agricultural productions in pre- and post-harvest.
13	AGRI-04/B (ex AGR/09)	Agricultural mechanisation and labour organisation	7	28	42	-	1	EN	The objective of the course is to provide students with the necessary elements to properly plan and evaluate the organisation of work carried out by machinery.
14	AGRI-09/A (ex AGR/17)	Genetic improvement of livestock	6	21	42	-	2	EN	The course aims to provide students with knowledge of genetic improvement in animal species for livestock production.
15	AGRI-09/B (ex AGR/18)	Animal nutrition and feeding	6	21	42	-	1	EN	Provide skills for formulating rations based on the nutritional value of livestock feed and the nutritional requirements of animals.
16	AGRI-04/C (ex AGR/10)	Sustainability in land planning and rural building design	6	21	42	-	2	EN	The course aims to provide students with professional technical skills related to sustainable land planning and to the design and management of rural buildings.
17	AGRI-02/B (ex AGR/04)	Protected cultivations	6	21	42	-	2	EN	The course is aimed at training specialists capable of analysing problems and evaluating possible options to obtain production from crops under modified microclimatic conditions.
18	C.I.	HERBACEOUS CROP SYSTEMS							The aim is to acquire adequate knowledge of quality evaluation systems for crops of primary food interest and study principles of cultivation of annual and perennial herbaceous plants.
	AGRI-02/A (ex AGR/02)	Biomass crops for energy	6	21	42	-	2	EN	Provide knowledge for the rational management of biomass crops for energy within agro-energy chains.

	AGRI-02/A (ex AGR/02)	Weed management techniques and fertilisation	6	21	42	-	2	EN	Provide in-depth knowledge on the role, functions, and uptake of nutrients in cultivated plants, as well as on the biology, ecology, role, and impact of weeds in agroecosystems.
19	AGRI-05/A (ex AGR/11)	Sustainable pest control	6	21	42	-	1	EN	The course aims to provide students with theoretical and practical insights into pest control methods in agriculture.
20	AGRI-04/B (ex AGR/09)	Technologies for innovation and safety in agriculture	6	21	42	-	2	EN	Provide the basic knowledge necessary for proper management and supervision of work processes, also from an energy perspective.

ART. 7 OFFICIAL STUDY PLAN
Cohort 2026-2027 |
CURRICULUM 1: "Plant productions"

No.	SSD	Course name	ECTS	Teaching form	Assessment	Attendance
1st year – 1st semester						
1	AGRI-02/B AGR/04) (ex	Vegetable and ornamental crops	6	F+E	PI/O	no
2	AGRI-05/B AGR/12) (ex	Plant disease management	6	F+E	O	no
3	C.I.	SUSTAINABLE AGRO-ECOSYSTEM				
	AGRI-06/B AGR/13) (ex	Management of soil organic matter	6	F+E	PI/O	no
	AGRI-02/A AGR/02) (ex	Sustainable management of cropping systems	6	F+E	O	no
4	AGRI-04/A AGR/08) (ex	Water resource management in agriculture	6	F+E	O+S	no
1st year – 2nd semester						
5	AGRI-03/A AGR/03) (ex	Fruitculture	6	F+E	O	no
6	C.I.	REAL ESTATE VALUATION AND COMMON AGRICULTURAL POLICIES				
	AGRI-01/A AGR/01) (ex	Rural estate valuation	6	F+E	O+T	no
	AGRI-01/A AGR/01) (ex	European Agricultural and Fisheries Policy	6	F+E	O+S	no
7	AGRI-04/B AGR/09) (ex	Agricultural mechanisation and labour organisation	7	F+E	O+S	no
8	AGRI-05/A AGR/11) (ex	Sustainable pest control	6	F+E	PI/O	no
2nd year – 1st semester						
9	AGRI-03/A AGR/03) (ex	Mediterranean fruit tree crops	6	F+E	O	no
10	AGRI-02/B AGR/04) (ex	Protected cultivations	6	F+E	O	no
11	C.I.	HERBACEOUS CROP SYSTEMS				
	AGRI-02/A AGR/02) (ex	Biomass crops for energy	6	F+E	O+T	no
	AGRI-02/A AGR/02) (ex	Weed management techniques and fertilisation	6	F+E	O	no
2nd year – 2nd semester						
12 – Optional subject			12 ECTS			
Further activities – Other knowledge useful for job placement			1 ECTS			
Final examination (one of the following options): 22 ECTS						
a) Data acquisition entirely in Italy: 18 ECTS + Thesis writing: 4 ECTS						
b) Data acquisition entirely abroad: 18 ECTS + Thesis writing: 4 ECTS						

ART. 7 OFFICIAL STUDY PLAN Cohort 2026-2027
CURRICULUM 2: "Plant protection technologies"

No.	SSD	Course name	ECTS	Teaching form	Assessment	Attendance
1st year – 1st semester						
1	AGRI-02/B AGR/04) (ex	Vegetable and ornamental crops	6	F+E	PI/O	no
2	AGRI-05/B AGR/12) (ex	Plant disease management	6	F+E	O	no
3	C.I.	SUSTAINABLE AGRO-ECOSYSTEM				
	AGRI-06/B AGR/13) (ex	Management of soil organic matter	6	F+E	PI/O	no
	AGRI-02/A AGR/02) (ex	Sustainable management of cropping systems	6	F+E	O	no
4	AGRI-04/A AGR/08) (ex	Water resource management in agriculture	6	F+E	O+S	no
1st year – 2nd semester						
5	AGRI-03/A AGR/03) (ex	Fruitculture	6	F+E	O	no
6	C.I.	REAL ESTATE VALUATION AND COMMON AGRICULTURAL POLICIES				
	AGRI-01/A AGR/01) (ex	Rural estate valuation	6	F+E	O+T	no
	AGRI-01/A AGR/01) (ex	European Agricultural and Fisheries Policy	6	F+E	O+S	no
7	AGRI-04/B AGR/09) (ex	Agricultural mechanisation and labour organisation	7	F+E	O+S	no
8	AGRI-05/A AGR/11) (ex	Sustainable pest control	6	F+E	PI/O	no
2nd year – 1st semester						
9	C.I.	ARTHROPOD PEST MANAGEMENT IN MEDITERRANEAN CROPS				
	AGRI-05/A AGR/11) (ex	Biological control	6	F+E	PI/O	no
	AGRI-05/A AGR/11) (ex	Integrated pest management	6	F+E	PI/O	no
10	AGRI-05/B AGR/12) (ex	Biological control of plant diseases	6	F+E	O	no
11	AGRI-05/B AGR/12) (ex	Diagnosis in plant pathology	6	F+E	O	no
2nd year – 2nd semester						
12 – Optional subject			12 ECTS			
Further activities – Other knowledge useful for job placement			1 ECTS			
Final examination (one of the following options): 22 ECTS						
a) Data acquisition entirely in Italy: 18 ECTS + Thesis writing: 4 ECTS						
b) Data acquisition entirely abroad: 18 ECTS + Thesis writing: 4 ECTS						

ART. 7 OFFICIAL STUDY PLAN
Cohort 2026-2027
CURRICULUM 3: "Economy and planning"

No.	SSD	Course name	ECTS	Teaching form	Assessment	Attendance
1st year – 1st semester						
1	AGRI-02/B AGR/04) (ex	Vegetable and ornamental crops	6	F+E	PI/O	no
2	AGRI-05/B AGR/12) (ex	Plant disease management	6	F+E	O	no
3	C.I.	SUSTAINABLE AGRO-ECOSYSTEM				
	AGRI-06/B AGR/13) (ex	Management of soil organic matter	6	F+E	PI/O	no
	AGRI-02/A AGR/02) (ex	Sustainable management of cropping systems	6	F+E	O	no
4	AGRI-04/A AGR/08) (ex	Water resource management in agriculture	6	F+E	O+S	no
1st year – 2nd semester						
5	AGRI-03/A AGR/03) (ex	Fruitculture	6	F+E	O	no
6	C.I.	REAL ESTATE VALUATION AND COMMON AGRICULTURAL POLICIES				
	AGRI-01/A AGR/01) (ex	Rural estate valuation	6	F+E	O+T	no
	AGRI-01/A AGR/01) (ex	European Agricultural and Fisheries Policy	6	F+E	O+S	no
7	AGRI-04/B AGR/09) (ex	Agricultural mechanisation and labour organisation	7	F+E	O+S	no
8	AGRI-05/A AGR/11) (ex	Sustainable pest control	6	F+E	PI/O	no
2nd year – 1st semester						
9	C.I.	STRATEGIC MANAGEMENT OF AGRI-FOOD BUSINESSES, MARKET AND MARKETING				
	AGRI-01/A AGR/01) (ex	Strategic management of the farm	6	F+E	O	no
	AGRI-01/A AGR/01) (ex	Agri-Food markets and marketing	6	F+E	O+S	no
10	AGRI-04/C AGR/10) (ex	Sustainability in land planning and rural building design	6	F+E	PI/O	no
11	AGRI-04/B AGR/09) (ex	Technologies for innovation and safety in agriculture	6	F+E	PI/O	no
2nd year – 2nd semester						
12 – Optional subject			12 ECTS			
Further activities – Other knowledge useful for job placement			1 ECTS			
Final examination (one of the following options): 22 ECTS						
a) Data acquisition entirely in Italy: 18 ECTS + Thesis writing: 4 ECTS						
b) Data acquisition entirely abroad: 18 ECTS + Thesis writing: 4 ECTS						

ART. 7 OFFICIAL STUDY PLAN
Cohort 2026-2027
CURRICULUM 4: "Zootechnical"

No.	SSD	Course name	ECTS	Teaching form	Assessment	Attendance
1st year – 1st semester						
1	AGRI-02/B AGR/04) (ex	Vegetable and ornamental crops	6	F+E	PI/O	no
2	AGRI-05/B AGR/12) (ex	Plant disease management	6	F+E	O	no
3	C.I.	SUSTAINABLE AGRO-ECOSYSTEM				
	AGRI-06/B AGR/13) (ex	Management of soil organic matter	6	F+E	PI/O	no
	AGRI-02/A AGR/02) (ex	Sustainable management of cropping systems	6	F+E	O	no
4	AGRI-04/A AGR/08) (ex	Water resource management in agriculture	6	F+E	O+S	no
1st year – 2nd semester						
5	AGRI-03/A AGR/03) (ex	Fruitculture	6	F+E	O	no
6	C.I.	REAL ESTATE VALUATION AND COMMON AGRICULTURAL POLICIES				
	AGRI-01/A AGR/01) (ex	Rural estate valuation	6	F+E	O+T	no
	AGRI-01/A AGR/01) (ex	European Agricultural and Fisheries Policy	6	F+E	O+S	no
7	AGRI-04/B AGR/09) (ex	Agricultural mechanisation and labour organisation	7	F+E	O+S	no
8	AGRI-05/A AGR/11) (ex	Sustainable pest control	6	F+E	PI/O	no
2nd year – 1st semester						
9	C.I.	APPLIED ANIMAL PRODUCTION				
	AGRI-09/C AGR/19) (ex	Sustainable management of animal production system	6	F+E	O	no
	AGRI-09/C AGR/19) (ex	Evaluation tools for quality management in livestock	6	F+E	O	no
10	AGRI-09/A AGR/17) (ex	Genetic improvement of livestock	6	F+E	O	no
11	AGRI-09/B AGR/18) (ex	Animal nutrition and feeding	6	F+E	O	no
2nd year – 2nd semester						
12 – Optional subject			12 ECTS			
Further activities – Other knowledge useful for job placement			1 ECTS			
Final examination (one of the following options): 22 ECTS						
a) Data acquisition entirely in Italy: 18 ECTS + Thesis writing: 4 ECTS						
b) Data acquisition entirely abroad: 18 ECTS + Thesis writing: 4 ECTS						

ART. 8 – DUTIES AND OBLIGATIONS OF STUDENTS

8.1 Students are required to comply with legislative, statutory, and regulatory provisions and with the instructions issued by the competent authorities for the proper conduct of teaching and administrative activities.

8.2 Students are required to behave in a manner that does not damage the dignity and decorum of the University, in compliance with the Code of Ethics, in all their activities, including internship and placement activities carried out at other national and international institutions.

8.3 Any sanctions shall be imposed by Rector's decree, in accordance with applicable regulations.

8.4 All first-year students enrolled at the University of Catania are required to attend the Health and Safety in the Workplace Information Course, pursuant to Art. 36 of Legislative Decree no. 81/2008. Furthermore, students are required to complete the OPIS questionnaires, preferably within the two time windows linked to the semester and in any case before registering to sit coursework examinations (questionnaires 1 and 3), or at the time of enrolment in years subsequent to the first (questionnaires 2 and 4).