



UNIVERSITÀ
DEGLI STUDI DELLA
TUSCIA

Annex A

International MSc degree Courses taught in English:

[LM76 – Circular economy](#)

[LM73 – Forestry and Environmental Sciences](#)

[LM6 – Marine Biology and Ecology](#)

[LM33 – Mechanical Engineering](#)

[LM7 – Plant biotechnology for food and global health](#)

[LM90 – Security and Human Rights](#)

[LM69 – Agricultural and Environmental Sciences – Resilient Agriculture in Mediterranean Environment¹](#)

¹ In case of approval



[International Master's degree Courses](#)

Fully taught in English

Master Degree Course	Circular Economy (LM76) - Course Located in Civitavecchia Campus
Description	The course offers high specialization in circular economy and provides students with various innovative tools to operate in a context of economic and environmental sustainability, aimed at the enhancement of natural resources, the use of secondary raw materials, the sustainable management of the value chain and the fostering of industrial symbiosis. The course provides students with the skills to work in areas related to the integration of technological innovation with new skills in productive reconversion and sustainable development.
Duration	Two years (120 ECTS)
Coordinator	Prof. Enrico Maria Mosconi
Department	DEIM https://www.unitus.it/en/departments/deim/
Number of reserved scholarships	n. 3
Admission requirements	https://www.unitus.it/en/courses/second-cycle-degree/circular-economy/
Calendar of the interviews for the Academic Year 2024/25	If you meet the requirements, you are kindly asked to complete this form by uploading your passport, bachelor's degree certificate, English language certificate at a B2 level to apply for pre-admission: https://forms.gle/Q7HkQqss3cB8VyR38 Those who successfully meet the requirements will be invited to participate in an oral interview as the next stage of the admission process.



Master Degree Course	Forestry and Environmental Sciences (LM73)
Description	<p>The objectives of the BSc in Forestry and Environmental Sciences (SFA) are to equip graduates with knowledge in the fundamentals of forestry practice and the ability to address a broad range of problems in a rapidly changing forest sector. To this end, the course is committed to educate graduates who have:</p> <ul style="list-style-type: none">● an ability to analyse and monitor forest ecosystems and landscapes;● firm base in the fundamentals of sustainable management of forest and agro-silvo-pastoral resources, and related ecosystem services;● an ability to use field-based data collection, data analysis techniques and modern Geographic Information Systems and design software tools to support the design or planning of interventions;● multidisciplinary knowledge, skills, abilities to work effectively as members of teams, composed of individuals from different disciplines and different professional cultures in the forestry and environmental sector
Duration	Two years (120 ECTS)
Coordinator	Prof. Paolo De Angelis
Department	DIBAF https://www.unitus.it/en/departments/dibaf/
Number of scholarships available	n. 3
Admission requirements	https://www.unitus.it/en/courses/first-cycle-degree/forestry-and-environmental-sciences/
Calendar of the interviews for the Academic Year 2024/25	<p>If you meet the requirements, you are kindly asked to complete this form by uploading your passport, bachelor's degree certificate, English language certificate at a B2 level to apply for pre-admission: https://forms.gle/zfWmXtQvUM62eJwVA</p> <p>Those who successfully meet the requirements will be invited to participate in an oral interview as the next stage of the admission process.</p>



Master Degree Course	Marine Biology (LM6)
Description	<p>The main objective of the Master's Degree program is the training of a highly qualified and specialized professional figure, able to apply expertise in biology to issues related to research, environmental management, and biotechnological development.</p> <p>The educational program will lead the Master's Degree student to an in-depth knowledge of the specific ecological processes of the marine and coastal environment, thus being able to contribute both to their conservation and to the sustainable management of the goods and services they produce. The Master's Degree will cover a number of topics related to the functioning of marine and coastal environments, to marine biodiversity and research, and to the characterization of new resources for the development of innovative biotechnological products and processes.</p>
Duration	Two years (120 ECTS)
Coordinator	Prof. Massimiliano Fenice
Department	DEB https://www.unitus.it/en/departments/deb/
Number of scholarships available	n. 3
Admission requirements	https://www.unitus.it/en/courses/second-cycle-degree/marine-biology-and-ecology/
Calendar of the interviews for the Academic Year 2024/25	<p>If you meet the requirements, you are kindly asked to complete this form by uploading your passport, bachelor's degree certificate, English language certificate at a B2 level to apply for pre-admission: https://forms.gle/pmjaQQTsmY5ENyqx7</p> <p>Those who successfully meet the requirements will be invited to participate in an oral interview as the next stage of the admission process.</p>



Master Degree Course	Mechanical Engineering (LM33)
Description	<p>The Master degree course in Mechanical engineering of the University of Tuscia aims at training engineers able to combine the skills of the mechanical engineer in a multidisciplinary application context, and also covers skills in innovative energy, materials, new production technologies, and the environment. The master's degree course is the natural progression for graduates with the bachelor's degree in Industrial engineering.</p> <p>The course, totally taught in English, is structured in a common path, which provides training activities strongly oriented towards the methodological and conceptual study of the engineering subjects, and two alternative specialized paths.</p>
Duration	Two years (120 ECTS)
Coordinator	Prof. Stefano Rossi
Department	DEIM https://www.unitus.it/en/departments/deim/
Number of scholarships available	n. 3
Admission requirements	https://www.unitus.it/en/courses/second-cycle-degree/mechanical-engineering/
Calendar of the interviews for the Academic Year 2024/25	<p>If you meet the requirements, you are kindly asked to complete this form by uploading your passport, bachelor's degree certificate, English language certificate at a B2 level to apply for pre-admission: https://forms.gle/Wqhi4FYDTw2QCmAi7</p> <p>Those who successfully meet the requirements will be invited to participate in an oral interview as the next stage of the admission process.</p>



Master Degree Course	Plant biotechnology for food and global health (LM7)
Description	<p>PlantBiotech aims at building in-depth knowledge and skills of foundational and applied scientific aspects related to biotechnology. Training is especially intended at the development and improvement of organisms of agricultural interest, at the control of the quality and healthiness of primary and processed agri-food products as well as their upgrade in terms of sustainability, yield and nutritional value. Plants will be also approached as biofactories for biopharmaceuticals production as well as a valuable source of secondary metabolites contained in food and agro-industrial waste.</p> <p>Today's global economic context requests the agri-food sector to meet not only the growing demand and safety of food and biomolecules, but also to foster environmentally sustainable production systems with high-quality standards in nutritional and health terms, respecting the principles of safety and traceability, starting from renewable resources, and favoring biotechnological processes. Human and environment health and well-being are therefore among the central themes of the training process.</p> <p>The articulation of the course includes a peculiar highly specialized training, which favors graduates in acquiring knowledge and skills of different biological and agri-food systems to understand, design and develop solutions through a rational, innovative, and sustainable approach. Optional and choice exams/activities are intended to support student inclinations and interests. A significant number of credits is dedicated to the experimental thesis aimed to introduce students in a full immersion research experience.</p>
Duration	Two years (120 ECTS)
Coordinator	Prof. Daniel Savatin
Department	DAFNE https://www.unitus.it/en/departments/dafne/
Number of scholarships available	n. 3
Admission requirements	https://www.unitus.it/en/courses/second-cycle-degree/plant-biotechnology-for-food-and-global-health/
Calendar of the interviews for the Academic Year 2024/25	<p>If you meet the requirements, you are kindly asked to complete this form by uploading your passport, bachelor's degree certificate, English language certificate at a B2 level to apply for pre-admission: https://forms.gle/hDByY5UveY7uRQXD6</p> <p>Those who successfully meet the requirements will be invited to participate in an oral interview as the next stage of the admission process.</p>



Master Degree Course	Security and Human Rights (LM90)
Description	<p>The Master's Degree Programme, entirely delivered in English, offers an educational path in which the traditional dichotomy security vs freedom is revisited in light of three main contemporary challenges: migration, technology and sustainability. The aim of the Programme is to provide students with the multidisciplinary competences they need to disentangle complex phenomena and to work in strategic fields and high-level innovation sectors, such as migration and border security, new technologies, privacy and data protection, green economy and politics of sustainability.</p> <p>The first year is aimed at acquiring basic knowledge relating to the problem of security. The second year includes two alternative paths or sets of courses with a higher level of specialization.</p>
Duration	Two years (120 ECTS)
Coordinator	Prof. Alessandro Bufalini
Department	DISTU https://www.unitus.it/en/departments/distu/
Number of reserved scholarships	n. 3
Admission requirements	https://www.unitus.it/en/courses/second-cycle-degree/security-and-human-rights/
Calendar of the interviews for the Academic Year 2024/25	<p>If you meet the requirements, you are kindly asked to complete this form by uploading your passport, bachelor's degree certificate, English language certificate at a B2 level to apply for pre-admission: https://forms.gle/vLHrytZQaM8rP5PA7</p> <p>Those who successfully meet the requirements will be invited to participate in an oral interview as the next stage of the admission process.</p>



Master Degree Course	Agricultural and Environmental Sciences (LM69) – Curriculum Resilient Agriculture in Mediterranean Environment²
Description	<p>The MSc Course gives to the graduates depth and specialized knowledge and skills relating to both crops and livestock production. These are aimed at the design and management of innovations in qualitative and quantitative agricultural production, through a systemic approach, by combining knowledge and biological needs with farms and landscape resources, technical means and environmental sustainability.</p> <p>The common basic teachings address the topics of research methodology in agriculture, innovations and management of agricultural and livestock systems, sustainable strategies in crops protection, obtaining quality plant products, agricultural policies, management of agricultural enterprises and investment analysis, agricultural mechanization, rural landscape planning and job safety in agriculture in their innovative aspects.</p>
Duration	Two years (120 ECTS)
Coordinator	Prof. Roberto Mancinelli
Department	DAFNE https://www.unitus.it/en/departments/dafne/
Number of reserved scholarships	n. 3
Admission requirements	https://www.unitus.it/en/courses/second-cycle-degree/agricultural-and-environmental-sciences-ms/
Calendar of the interviews for the Academic Year 2024/25	<p>If you meet the requirements, you are kindly asked to complete this form by uploading your passport, bachelor's degree certificate, English language certificate at a B2 level to apply for pre-admission: https://forms.gle/njDPjFsJ8A9wGYkz9</p> <p>Those who successfully meet the requirements will be invited to participate in an oral interview as the next stage of the admission process.</p>

² In case of approval