

WeUNITUS



STUDENT GUIDE
ACADEMIC YEAR 2019 / 2020



UNIVERSITÀ
DEGLI STUDI DELLA
Tuscia

STUDENT GUIDE

2019/2020

Degree courses

Second-level degree courses

Single-cycle degree courses

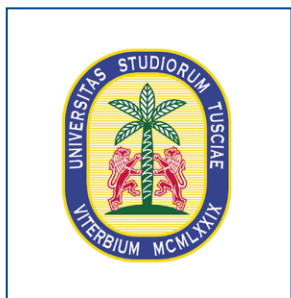
PhD research

First and second level master courses

School of specialization



WELCOME FROM THE RECTOR



Professor Alessandro Ruggieri
Rector of the University of Tuscia

This guide has been created in collaboration with our students to help you find your way around the University of Tuscia (Unitus) and make full use of all the opportunities and facilities it offers.

The Guide provides an overview of the disciplines available at our university, the main areas of research and all the information you need to enrol on our degree courses.

The guide also provides information on applying for a grant, overseas study with the Erasmus+ programme, sports facilities (CUS) and our libraries.

You will also be able to find out more about the historical buildings that host our University, the beauty and diversity of our Botanic Gardens, the uniqueness of our research centres and our specialized support services including counseling, special needs, and the ombudsman. The guide includes the contact information you will need during your study period and after graduation in order to support you during your transition into the job market.

For further details on the degree programmes, please refer to the individual Department guides providing specific information on the courses of study.

My best wishes to you all for a rewarding period of study.



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THE CITY OF THE UNIVERSITY



VITERBO AS UNITUS

The University of Tuscia is located in Viterbo, with campuses in and around its historical centre.

Viterbo is the northernmost province of Lazio, in the heart of Italy, located less than 100 km from Rome and just over 200 km from Florence. Viterbo lies at the foot of the Cimini Mountains, close to lakes Bolsena and Vico, and just a short distance from the Tyrrhenian Sea.

Viterbo's typical medieval character stands proudly alongside modern facilities and services.

The University of Tuscia was founded in 1979 and quickly developed into what it is today: the hub of culture and learning in the province, offering courses suited to the requirements of local, national and international students.

The synergy between our University

and the local institutions has allowed four university campuses to develop. Three campuses are located in the historical city centre. They are the result of remarkable restoration projects on the Church of San Carlo, the Church of Santa Maria del Paradiso, and the Dominican Convent of Santa Maria in Gradi, housing the University administrative offices.

Two more campuses are located in Rieti (RI) and Civitavecchia (RM).

The educational activities are managed by six Departments offering 15 undergraduate programmes, 17 second level degree programmes and 2 single cycle degree programmes. Our degree programmes are tailored to meet the demands of the European and international job markets.

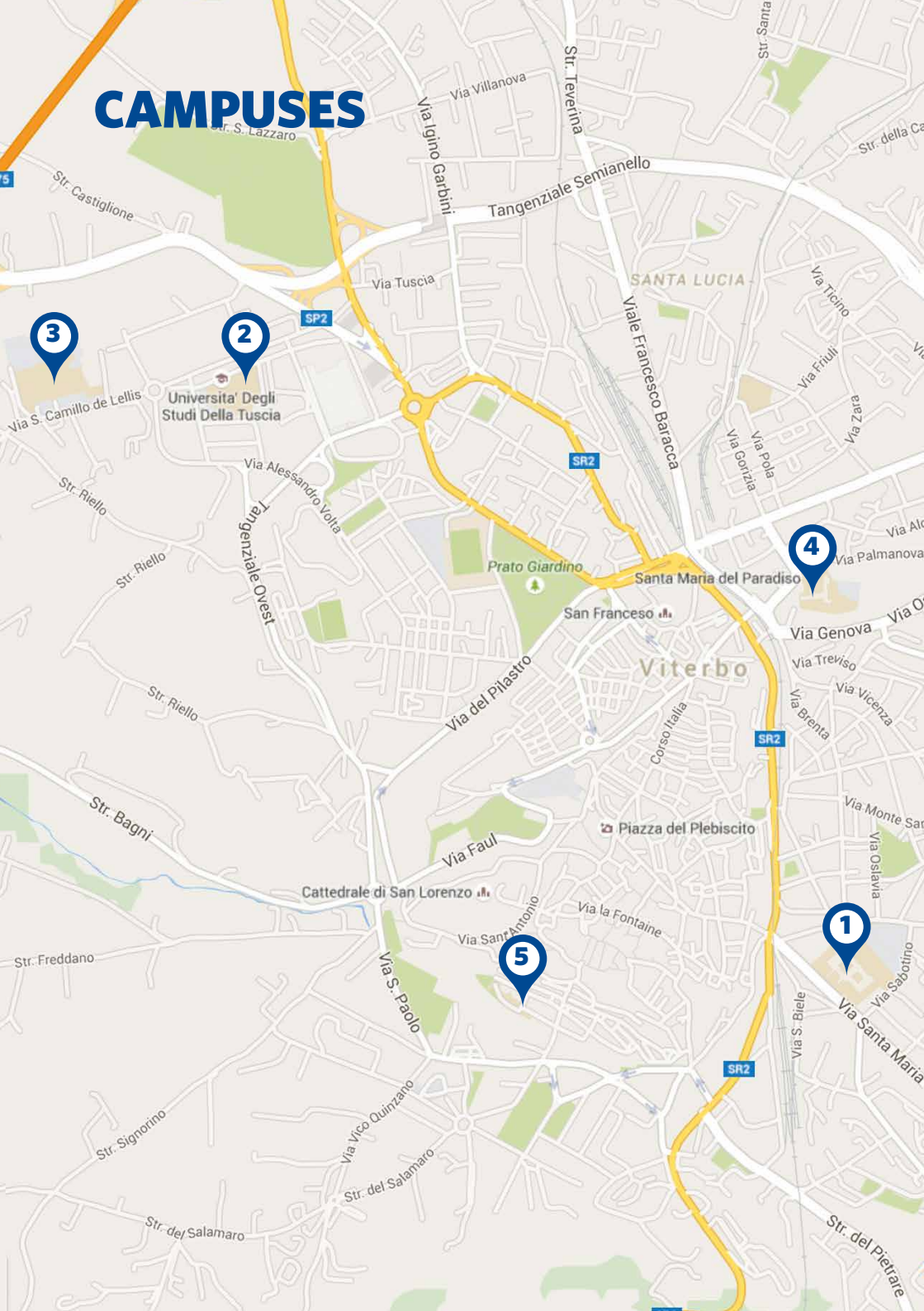
Our university offers seven PhD programmes and several first and second level degree courses, as well as one school of specialization.

The University of Tuscia has become an important cultural and educational partner of the Italian Armed Forces with a course that is mainly tailored to the training of students from the NCO Schools of the Italian Army and Air Force. The University plays an important role in helping students to choose their programme of study by organising a series of meetings and joint activities with secondary schools.

The relatively small student population facilitates closer relationships between the students and the teaching staff and access to all facilities and services.



CAMPUSES



3

2

4

1

5

Universita' Degli Studi Della Tuscia

SANTA LUCIA

Viterbo

Piazza del Plebiscito

Prato Giardino

San Francesco

Cattedrale di San Lorenzo

Str. S. Lazzaro
Via Villanova
Str. Teverina
Str. della Ca
Via Iginio Garbini
Tangenziale Semianello
Via Castiglione
Via Tuscia
Via S. Camillo de Lellis
Via S. Ruffino
Via Ticino
Via Friuli
Via Zaza
Via Pola
Via Gorizia
Via Palmanova
Via Genova
Via Treviso
Via Vicenza
Via Monte Sa
Via Osaviva
Via S. Spotorno
Via Santa Maria
Str. del Pietrate
Via Alessandro Volta
Tangenziale Ovest
Via del Pihastro
Via Faul
Via S. Paolo
Via Vico Quinzario
Via S. Antonio
Via la Fontaine
Via S. Bielle
Str. del Salamaro
Str. Riello
Str. Riello
Str. Riello
Str. Bagni
Str. Freddano
Str. Signorino
Str. del Salamaro



Via Santa Maria in Gradi, 4

- University Administrative Offices
- Communication, technology and digital culture
- Modern philology
- Digital information
- Political science and international relations



Via San Camillo de Lellis, snc

- Biotechnology for Agriculture, the Environment and Health
- Conservation and restoration of forests and soil conservation
- Forestry and environmental sciences (Msc full in English)
- Landscape Planning and Environmental Design
(shared degree course, Rome and Viterbo campuses)
- Agricultural and environmental sciences
- Forestry and natural sciences
- Mountain sciences (Rieti campus)
- Food science and technology (held in Rome in 2018-2019)
- Food technology and oenology



Largo dell'Università

- Archaeology and History of Art Protection and promotion
- Cellular and molecular engineering
- Marine biology and ecology (Civitavecchia campus)
- Biotechnology
- Industrial biotechnology for health and wellbeing
- Conservation and restoration of cultural heritage
(single cycle)
- Industrial engineering
- Mechanical engineering
- Biological sciences
- Environmental biological sciences (Civitavecchia campus)
- Cultural heritage studies



Via del Paradiso, 47

- Accounting, Finance and Control
- Business Administration (Viterbo and Civitavecchia campuses)
- Circular economy (Civitavecchia campus)
- Marketing and Quality



Via San Carlo, 32

- Archaeology and History of Art Protection and promotion
- Law (single cycle)
- Modern Languages and Culture
- Languages and culture for international communication
- Political Science, International Security and public communications



How to reach us

The routes listed below will help you reach the university Administrative Offices and the Student Admissions Office in Via Santa Maria in Gradi, 4.

The other campuses can be reached by bus from here.



By train

From Rome Termini station

Take the line A metro and get off at Valle Aurelia or the line B metro and get off at Ostiense. Take the train Roma-Ostiense to Viterbo, Porta Romana (every hour on weekdays).

From Rome Piazzale Flaminio station

Take the train Roma-Saxa Rubra to Viterbo, Roma Nord.

From Orte Scalo station

Take the train from Orte to Viterbo, Porta Fiorentina.



By bus

From Rome-Saxa Rubra station

Take the COTRAL bus to Viterbo (every 30 minutes), get off at Porta Romana, Viterbo.

From Orte Scalo station

Take the COTRAL Bus to Viterbo and get off at Riello. Take bus A to Barco and get off at the University.

By car

From highway A1 exit at Orte.

Continue on the Orte-Viterbo dual carriageway.

Exit at Viterbo Nord. Go straight on towards the centre following the medieval city walls to Porta Romana and turn left into Via S. Maria in Gradi. Parking is available at the University in Via Sabotino.



THE CENTRES

Alpine studies centre CSALP

Since 1991, the University of Tuscia has its own Alpine Studies Centre, an interdepartmental unit, located in Pieve Tesino (Trento). The unit reflects the Alpine Studies' unique interdisciplinary approach by offering the combined study of ideas and practice with particular reference to the areas of agronomy, biology, economy, forestry, law, linguistics, natural sciences, history, cultural heritage and rural tourism.

Operational headquarters

Via Rovigo, 7
38050 Pieve Tesino (Trento)

Administration office

DIBAF Department
Largo dell'Università, 01100 Viterbo
www.unitus.it/it/dipartimento/csalp
csalp@unitus.it

President

Professor Riccardo Massantini,
DIBAF Department

Interdepartmental centre for the research and distribution of renewable energy CIRDER

CIRDER is the part of the University of Tuscia providing crucial scientific and technical support for the promotion of the use of renewable energy sources (RES). It offers both educational activities and professional training courses. CIRDER acts as a link between universities, schools, businesses, and national and international corporations.

Operational headquarters

Block D building
Largo dell'Università, 01100 Viterbo

Administration office

DEB Department
Largo dell'Università, 01100 Viterbo
Tel. 0761 357106 cirder@unitus.it
www.unitus.it/it/unitus/Ricerca/articolo/dipartimenti-centri-strutture

President

Professor Maurizio Carlini, DEIM Department

Special equipment centre (CGA)

The Centre was founded in 2008 to manage the use of complex technical and scientific equipment. It provides a highly qualified service both for the research and teaching activities of the University and external institutions which require its services. The Centre promotes the cooperation and transfer of technology between research centres and businesses.

Operational headquarters

CGA building
Largo dell'Università - 01100 Viterbo

Administration office

CGA Building, Largo dell'Università, 01100 Viterbo
www.unitus.it/it/unitus/Ricerca/articolo/dipartimenti-centri-strutture
cga@unitus.it

President

Professor Luca Proietti De Santis, DEB Department

CINTEST University centre for technological innovation and territorial development

Established following the decree of 28th December 2005, the centre sees the cooperation of economists and engineers working in technological research and development. Its operational fields are:

Mechanical engineering, planning, prototyping and quick prototyping through purchased additive manufacturing equipment, energy facilities, sources of alternative energy, finance and economy, technology transfer and organizational systems.

The centre operates with its own scientific equipment, in cooperation with university research teams, affiliated bodies and with several professionals of this sector.

Administration office

Deim Department
Via del Paradiso, 47 - 01100 Viterbo

President

Professor Giuseppe Calabrò
cintest@unitus.it
www.unitus.it/it/unitus/Ricerca/articolo/dipartimenti-centri-strutture

into practice the knowledge they have acquired in the degree courses at the DAFNE, DIBAF and DEB Departments. The farm also enables the teaching staff to carry out research and cooperate with other research and experimentation institutes.

Events and guided tours of a scientific and educational nature are organized by researchers, teaching staff and students. These include conferences, workshops, study trips and courses.

Operational and Administration office

Largo dell'Università 01100 Viterbo
Tel. 0761 357057-8
www.unitus.it/it/unitus/Ricerca/articolo/dipartimenti-centri-strutture
azagr-d-s@unitus.it

President

Professor Domenico Lafiandra, DAFNE Department

The didactic-experimental agricultural company “N. Lupori” and the Botanic Gardens

The farm was created in 1981 as a research and teaching centre of the Agriculture Department. It is located in Viterbo, 500 meters from the Riello campus (Largo dell'Università). Occupying about 75 acres, the farm was designed to allow students to put

The Agriculture Department has been managing the Botanic Gardens since July 2012.

The “Angelo Rambelli” Botanic Garden is a University facility for teaching, research, the development of scientific knowledge, and ex situ and in situ conservation. The Botanic Gardens promote thematic courses, events and exhibitions to provide a basic knowledge of the plant world by promoting “naturalistic awareness”.

Located to the west of Viterbo, the Botanic Gardens are about 300 m above sea level, covering an area of nearly 15 acres. The area is divided into plots where plants are arranged taxonomically and phytogeographically, in environmental settings which are compatible with the climatic and soil conditions of the area.



Operational and Administration Offices

Strada Bullicame s.n.c. 01100 Viterbo

Tel. / Fax 0761 357028

www.ortobotanico.unitus.it

ortobot@unitus.it

Scientific Coordinator

Professor Laura Zucconi,

DEB Department

Curator

Monica Fonck

SMA University Museum System (UMS)

The UMS supports and promotes the protection and enhancement of the University's architectural heritage along with its historical, demo-anthropological, scientific and artistic collections.

In addition to carrying out its institutional duties, the UMS promotes culture and fosters scientific research

and is involved in the conservation, restoration, cataloguing, expansion, display and enhancement of these collections. The UMS also organises exhibitions to support the University's teaching activities.

The University Museum System includes the following facilities:

- The 'Nello Lupori' Farm
- The Department of Linguistics, Literary, Historical, Philosophical and Legal Studies - DISTU
- The Department of Ecological and Biological Sciences - DEB
- The Department of Agricultural and Forestry Sciences - DAFNE
- The Department for Innovation in Biological, Agro-Food and Forestry Systems - DIBAF
- The University (Central Administration)



The University Museums are:

- The Tuscia Herbarium Museum ('Nello Lupori' Farm)
- The Botanic Gardens ('Nello Lupori' Farm)
- The Germplasm Bank ('Nello Lupori' Farm)
- The Antarctic Museum (Department of Biological and Ecological Sciences - DEB)
- The DAFNE collections (Department of Agricultural and Forestry Sciences - DAFNE)
- The Comparative Anatomy and Zoology Collection (Department of Ecological and Biological Sciences - DEB)
- The Entomology Collection (Department of Agricultural and Forestry Sciences - DAFNE)
- The "Rodriguez" Mineralogical Collection (Department of Ecological and Biological Sciences - DEB)
- Soil Zoology and Inland Water Systems Collection (Department of Innovation in Biological, Agro-Food and Forestry Systems - DIBAF)
- The Xylarium (Department of Innovation in Biological, Agro-Food and Forestry Systems - DIBAF)
- The City and Local Area Museum, Vetralla (University)
- The Archaeological Collection (Department of Innovation in Biological, Agro-Food and Forestry Systems - DIBAF)
- Tuscia University Contemporary Art Network
- Tuscia University Historical Buildings Network (campus.)

Administration office

Via S. Maria in Gradi, 4 - 01100 Viterbo
Tel. 0761 357690
www.sma.unitus.it

President

Professor Elisabetta De Minicis

THE OFFICES

In this the University there are three different types of administration offices:

- The student office;
- The department academic offices;
- The SPRI (Political Science and International Relations) student office, SOGE (Organizational and Managerial Science) student office and Master Crisis.

Student office

This is the administration office where information about enrolment in undergraduate and postgraduate programmes is available. The student office staff can help with online applications. The student office monitors admission standards and provides information regarding:

- enrolment (first year)
- enrolment (following years)
- transfers/change of courses
- issuing/duplication of University booklets with the students' academic records
- withdrawal from studies;
- fees, exemptions and refunds
- degree application / individual courses

Contact details

segreteriaunica@unitus.it

f segreteria studenti unica-unitus
Tel. 0761 357646 - 357798 - 357043
SPRI/SOGE student office
Tel. 0761 357805-15-19 soge@unitus.it

Location

Via Santa Maria in Gradi, 4 Viterbo

Opening hours

Monday to Friday: 10.00 am to 12.30pm
Tuesday: 2.00pm to 4.30pm

Academic Offices

These offices are responsible for matters related to first level and second level degree courses and provide information on:

- orientation and mentoring
- course programmes
- how to fill in online study programmes
- lesson timetables and locations
- pre-enrolment on second level degree courses
- exam dates
- teaching staff office hours
- degree course educational initiatives
- training opportunities

Information on the opening hours and locations of the department academic offices are available on the individual Departments' web pages.

In accordance with Ministerial Decree 270/04, it is mandatory to test the competences of students enrolling on any degree course; the aim is to allow students to acquire a greater awareness of their skills and competences. Entry tests are regularly offered throughout the year and do not preclude enrolment, apart from courses with a limited number of students.

Contact details

rocchimr@unitus.it - Tel.0761 357939
giuseppina.guerrini@unitus.it Tel. 0761 357906

Location

Via S. Maria in Gradi, 4 Viterbo

Opening hours

Mon - Fri: 9.00 am - 1.00 pm
Mon: 2.30 pm - 4.30 pm

SERVICES

Orientation

The Orientation service is designed to help secondary school students choose their university career. The activities are coordinated by the Student Orientation Office, and are organized as follows:

- Orientation sessions at the University, scheduled throughout the year, help students become familiar with the University courses, the teaching facilities, the services and the opportunities available;
- Orientation sessions, organized at high schools and institutions of secondary education upon request;
- Participation in orientation events and exhibitions;
- Welcome Desk, where students can get information and support;
- Organization of the entry tests.

Tutoring

The tutoring service includes a number of activities designed to support the students' participation in university life, encourage their integration and facilitate the learning and training process. The service aims at providing a wide range of information, tips and advice so that students can fully benefit from the services offered by the University. Tutors are senior students who are enrolled on second level degrees or PhD programmes. They help younger students, facilitating their adjustment to university life and helping them overcome difficulties and problems. Tutors also take part in orientation meetings and events organized by the University and by the Departments.

Part-time students

This initiative enables students to work part-time to support university

services (student libraries, laboratories, information and orientation services for students; support activities for students with disabilities and specific learning disorders; Laziodisu facilities, etc.). All of this is supervised by university personnel. Part-time employment can range from a minimum of 50 to maximum of 200 hours per academic year. A 10-hour weekly commitment and 3-hour daily commitment cannot be exceeded. The average part-time job consists of 120 hours. The average payment is 930.00 (7.75 Euro per hour for 120 hours). Students can be employed only once during each academic year and the activities must be completed within the same year. The funding for employment depends on the resources available in the University budget. This employment is intended for students enrolled in undergraduate and master's degree courses at the University of Tuscia, in the academic year of employment. Students will be deemed eligible following a selection and they must meet the following requirements for merit and income:

- Being enrolled in the second year of the course and not exceeding the first extra year, for undergraduate students;
- Being enrolled in the first or second year, for students of master's courses;
- Having a specific number of credits (CFU) from the previous academic year's degree course;
- Not exceeding the higher income range identified annually by the Administrative Board on the basis of tuition fee regulations.
- Tutoring cooperation opportunities for students with disabilities and specific

learning disorders are also available to first-year students.

Contact details

Postgraduate office - tfa@unitus.it Tel. 0761 357824

Location

Via S. Maria in Gradi, 4 Viterbo

Opening hours

Mon - Fri: 10.00am to 12.00pm

Additional information about the tutoring service can be found on the individual Departments' web pages.

Counselling

The psychological counselling service is available to support students during difficult times at the University. The counselling service is free of charge and is offered by Professor Gianluca Biggio, a psychologist and professor of the DISUCOM Department.

Contact details

consulenzapsicologica@unitus.it

Location

Via Santa Maria in Gradi, 4 - 1st floor

The Ombudsman

The University of Tuscia offers free legal advice to students, designed to solve problems related to their period of study at the university. The Ombudsman assists students in exercising their rights and handles their complaints.

The Ombudsman, who is a lawyer, receives reports from the students, makes the necessary enquiries, then reports to the Rector who, on a case-to-case basis, contacts the Academic Senate, and deals with the matter. Students can remain anonymous. The current Ombudsman is Elisabetta Centogambe. When e-mailing the

Ombudsman it is necessary to use the '@studenti.unitus.it' e-mail account.

Contact details

Elisabetta Centogambe
difensorestudenti@unitus.it

Location

Via Della Sapienza, 19 - Viterbo

ONLINE SERVICES

The Student Portal

The Student Portal is the web system that students can use to access various services simply, interactively and autonomously without having to go to the Student office. Students can log in the portal via the internet with a username and a PIN number issued by the Student office after enrolment.

Through the portal, students can:

- enrol in years subsequent to the first year;
- amend their personal details (address, phone number, e-mail, etc.);
- fill in and submit a study plan (for available degree programmes);
- check their administrative status (tuition fees, etc.);
- examine their study record (examinations passed, average marks);
- print instalment payment bills (MAV) or access their home banking services;
- print self-certifications;
- book exams;
- fill in questionnaires;
- book entry tests to the University;
- do the entry tests online;
- refer to the activities carried out during lessons;
- access educational support material uploaded by teaching staff;

- do on-line exercises created by teaching staff, with automatic correction;
- see their assessment of teaching staff and course material.

portalestudenti.unitus.it

The university homepage and the Departments' web pages

This is an official website containing information on the University and its study programmes. It includes all the information related to Departments and degree courses: general information, entrance requirements and examinations, a list of the teaching staff, the objectives and study plans, career opportunities, regulations, the academic calendar, final degree exam dates, and the teaching guidelines. As long as you are connected to the Internet, thanks to the platform you will be able to:

- access lesson and examination timetables;
- read the examination programmes.

www.unitus.it

Unitus Webmail

Throughout the enrolment phase and beyond, the University of Tuscia offers its students an email address: @studenti.unitus.it.

After receiving your booklet at the Student Admissions Office, you will receive your credentials, i.e. username and password (which is the same PIN required for the Student Portal and Platform: UniTusMoodle).

The username corresponds to your e-mail address and it usually follows

the following pattern: name.surname@studenti.unitus.it (in case of identical names, the pattern will be name.surname.1@studenti.unitus.it, name.surname.2@studenti.unitus.it and so on). The University email account gives you 30 GB of storage space for your messages and allows you to use 'Hangout', the powerful instant messaging and audio-video chat service, for video conferencing sessions. In addition to the University email account and 'Hangout' you will be able to use such apps as Calendar, to organize your study commitments and an almost unlimited amount (10 TB!) of Cloud space on 'Google Drive' to store all your files; and Document, to create and manage online files, as well as many other apps.

With '@studenti.unitus.it', students can access the web and use the tools offered by the new G Suite platform by Google Cloud. For further information, visit www.google.com/accessibility

Office 365

Available to all students for the whole duration of their studies, Microsoft Office 365 A3 includes all Microsoft Office products: Access, Excel, InfoPath, OneDrive, Booking, Sway, OneNote, PowerPoint, Publisher, Word and PowerApps, Skype for Business and Skype Meeting Broadcast. The service also include the installation of the suite on mobile devices and on a maximum number of 5 PCs or Macs per user.

Wi-Fi

The Unitus-WiFi network is a wireless system providing connectivity and access to network services for University

students and staff with mobile devices, including latest-generation smartphones. Unitus-WiFi is available at a number of hotspots throughout the University locations. University personnel access WiFi and the email service by means of the same login credentials needed to access e-mail.

ERASMUS

The International Mobility Programme Erasmus+ is an important opportunity offered to all students. Attending courses at a foreign university and taking exams which are validated and become part of the student's study programme or writing a thesis abroad help young people to perceive and acquire a truly European dimension. Erasmus+ is part of the European Community programmes for the mobility of students among the 28 EU member states (Austria, Belgium, Bulgaria, Cyprus, Croatia, Denmark, Estonia, Finland, France, Germany, Greece, Italy, Ireland, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, the United Kingdom, the Czech Republic, Romania, Slovakia, Slovenia, Spain, Sweden and Hungary), the countries of the European Economic Area (Iceland, Liechtenstein and Norway) and candidate countries (Turkey and the former Yugoslav Republic of Macedonia).

Students can spend a study period abroad (from three to twelve months), while receiving a monthly grant provided by the European Commission. The amount of the grant varies according to the host country and is calculated

on the basis of the actual period spent abroad. Grants are differentiated on the basis of groups of countries of destination identified by the European Commission and according to their cost of living; amounts range from a minimum of Euro 230 to a maximum of Euro 280 per month. In addition, there is further financial aid from the University. During the academic year 2015-2016, the University of Tuscia allocated additional grants which varied from 140 to 200 per month, based on the students' incomes. In order to acquire points for eligibility, it is important to have good skills in the foreign language required by the university of the host country. Participation in an Erasmus+ mobility programme must be planned in advance, by attending language courses, both external or within the University, in order to acquire the certification that is needed for the programme. Erasmus+ also includes specific student mobility incentives for internships in businesses, institutions or organizations located in one of the European countries participating in the programme (Erasmus Traineeship). The monthly grant ranges from 430 to 480, depending on the host country. From academic year 2016-2017, students of the University of Tuscia can take part in the new Erasmus+ programme called KA107 International Credit Mobility, and visit partner universities of the following non-European countries: Albania, Armenia, Bosnia-Herzegovina, Georgia, Nepal and Russia.

tuscia.llpmanager.it

International Mobility Program Erasmus+

erasmus@unitus.it

erasmuincoming@unitus.it

Tel.: 0761 357917 or 0761 357918

Location

Via S. Maria in Gradi, 4 Viterbo

Opening hours

Mon-Wed-Thu: From 9.00 to 12.00

LANGUAGE SERVICE UNIT

Located in the San Carlo Campus, the Language Service Unit is part of the DISTU Department. It provides foreign language learning support for all degree courses available at the University.

One of the functions of the Language Service Unit is to manage and carry out placement tests to certify the entry level of English and to host certifying authorities for internationally recognised exams in the following languages: Portuguese and Chinese. It also arranges courses of Italian as a second language for visiting foreign students.

The Unit is equipped with four multimedia labs; the multimedia platform Unitus Moodle provides additional study support for users. Besides arranging language tests to assess language competence levels according to CEFR, the Language Service Unit organises numerous language courses along with activities promoting language acquisition, also on behalf of third parties. It offers, for example, refresher courses, general language courses and language courses for specific purposes, at all levels.

Unità Servizi Linguistici (Languages Unit)

DISTU

distulab@unitus.it

Tel. 0761 357897

Location

Via San Carlo, 32 Viterbo

Exam and credit recognition

In some degree courses at the University of Tuscia, students with a language certification can be exempted from taking the foreign language examination and/or language exam credits can be awarded by the University. Language certifications allow some students to have 'extra credits' or 'additional language skills'.

THE LIBRARIES

The University Library System (SBA) operates through the University Libraries Centre (CAB) and the technical/scientific and humanistic/social library hubs. All library branches offer the following:

- access to students and the general public in opening hours;
- access to the online catalogue (OPAC);
- access to digital resources (FTF) and databases, including off campus access;
- access to digital collections and in-library consultation;
- book loans;
- interlibrary loan (ILL) and document delivery (DD);
- access to reference work;
- access to the open archive 'Unitus DSpace';
- support activities and user training sessions;

- teaching activities related to degree courses;
- library service promotion;

The University Library System (SBA) promotes various projects, including:

- library at night;
- The university library, as part of the combined study-work experience;
- 'Let's meet at the library', as part of the convention with Arci Servizio Civile Nazionale.

The University Library System boasts over 250.000 volumes, including monographs, magazines and a film collection. The online public access catalogue data is integrated within the global Wolrd Cat catalogue. Users can access the library services following their subscription in their own campus.

www.unitus.it/it/dipartimento/sistema-bibliotecario-di-ateneo

TECHNICAL AND SCIENTIFIC LIBRARY HUB

Riello, Via Camillo de Lellis

danielal@unitus.it - Tel. 0761 357512

Reading room hours:

Mon-Thu: 9.00am to 7.00pm, Fri: 9.00 to 5.00pm

Desk hours:

Mon-Thu: 9.00am to 5.00pm, Fri: 9.00am to 1.00pm

HUMANITIES AND SOCIAL SCIENCES LIBRARY HUB

Via Santa Maria in Gradi, 4

polous@unitus.it - Tel. 0761 357636

Reading room hours:

Mon-Thu: 9.00am to 7.00pm, Fri: 9.00 to 5.00pm

Desk hours:

Mon-Thu: 9.00am to 5.00pm,
Fri: 9.00am to 1.00pm

POLOUS SERVICE POINTS

Riello Il L.go Università snc

polous@unitus.it - Tel. 0761 357165

Reading room and desk hours:

Mon - Fri: 9.00am to 1pm

San Carlo Via San Carlo, 32

polous@unitus.it

Tel. 0761 357847

Reading room hours:

Mon - Fri: 9.00am to 7pm

Desk hours:

Mon - Fri: 9.00am to 1pm

Santa Maria del Paradiso, via Palmanova, 1

polous@unitus.it - Tel. 0761 357724

Reading room and desk hours:

Mon - Fri: 9.00am to 1pm

BIBLIOPPOINT

Civitavecchia campus

Piazza Verdi, 1

Rieti campus

Via Angelo M. Ricci, 35/A

a Disabilities Commission that has its own representative in each department.

Available services

- Help with entry study course tests;
- Accompanying students within the different departments, providing assistance to lessons and talking to professors;
- Provision of computer equipment;
- Customised exam support;
- Additional financial help in order to participate in mobility projects;
- Counselling.

Contact details

infodisabili@unitus.it - infodsa@unitus.it

Tel. 0761 357912

Location

Via S. Maria in Gradi, 4 Viterbo

Opening hours

Mon-Fri 9.00 am - 1.00 pm

Tue-Thu 2.30 pm - 4.30 pm

SUPPORT SERVICES TO STUDENTS WITH DISABILITIES AND SPECIFIC LEARNING DISORDERS

The University of Tuscia offers all students with disabilities and specific learning disorders full support. This service may consist in accompanying students or supporting them when they attend classes, in providing support when they consult with teaching and when they work on their final thesis.

The services offered are coordinated by a delegate of the Rector, supported by the Rectorate Didactic Office and

POSTGRADUATE SERVICES

Work placement

Unitusjob is the front desk that help graduates and undergraduates transition to the job market. The front desk supports students who leave the University by helping them create of their CV and employment profile, define their professional profile and analyse any potential training needs. Unitusjob supports companies with recruitment, job offers, apprenticeship contracts, internship management, mentoring, project work and for any activity aimed at employability. Unitusjob organizes

annual conferences to enable companies, students and recent graduates to meet one another (Testimonial Day), offering tangible opportunities of entering the job market thanks to the “placement ads” section of the University home page. This is available next to the “Rapporti con le imprese” icon.

Contact details

unitusjob@unitus.it

Tel. 0761 357991 - 962 - 982

Location

Via S. Maria in Gradi, 4 Viterbo

Opening hours

Mon - Fri: 9.00am to 12.00pm

AlmaLaurea

The AlmaLaurea service acts as a link between universities and businesses. It helps young people to enter the job market and companies to recruit staff, thus reducing the waiting time between the supply and demand of skilled individuals. Our students have free access to many services geared towards future careers and postgraduate study. The services can be accessed by filling out AlmaLaurea’s questionnaire at the end of your studies. AlmaLaurea offers graduates and undergraduates the opportunity to publish their CV on the Internet, in addition to the following services:

- checking, correcting and updating your CV;
- checking the job offers posted on the AlmaLaurea website;
- responding to job offers by sending a CV online;
- researching postgraduate training opportunities within Italian and

- international university systems;
- accessing the annual report on the profiles of graduates;
- accessing the annual report on the employment of graduates;
- using an editorial web area related to the world of education and work.

www.almalaurea.it

‘Future Openings’ Services Lazio region



The University project ‘Future Openings’ (‘Porta Futuro’) is a state-run and free-of-charge initiative set up by the Lazio Regional Authority and the University. It offers graduates and undergraduates the opportunity to grow professionally thanks to guidance and training support, empowering them to better position themselves within the job market.

Services available for students, the general public and companies

The University of Tuscia Administration Office in Viterbo has an innovative approach to vocational advice. It offers students the chance to prepare for job interviews with simulation techniques, and to participate in courses, seminars and events where they can talk to representatives from national and international companies face-to-face. The ‘Future Openings’ dedicated team of staff members offers students the opportunity to quickly and efficiently create a CV that is suitable for the available employment opportunities. Students are assisted in identifying job offers based on their skills and accessing EU programmes to develop

their own professional experience. Business entities find in PFRU a useful partner, who can put them in contact with talented graduates from the Lazio Region and support them in their recruitment with cutting-edge methodologies.

Services available to university students

- welcome
- orientation
- competences assessment
- CV check
- training
- vocational consulting
- international mobility
- software empowerment
- events
- study-work experience
- video cv
- support for CV translation into a foreign language
- business startup
- university orientation

Location

Via S. Maria in Gradi, 4 Viterbo
Tel. 0761 357940 - 807 - 935 - 811

Opening hours

Mon, Wed, Fri: 10.00am to 4.00pm
Tue-Thu: 9.00am to 6.30pm

PHD RESEARCH

The PhD is the third level of university education. It is a combination of the two basic elements of the European concept of universities, namely education and research. The PhD is a three-year programme that can be accessed after a master's degree or equivalent qualification obtained abroad, subsequent to prior recognition by the academic authorities, and within the framework of inter-university cooperation and mobility agreements. The PhD courses are also open to applicants who graduated before ministerial decrees no. 509/1999 and no. 270/2004 came into effect.

Those who obtain the required title within the 31st of October of the same year can apply for the exam, too.

PhD students at The University of Tuscia benefit from a thriving research community, expert supervision, dedicated training programmes and the opportunity to carry out research abroad. PhD students must present and complete an independent research project under the guidance of a tutor. The doctoral study concludes with the student defending a thesis with original content that has been carried out using scientific methodology. A PhD enables students to access the world of scientific research, primarily at universities, but also in advanced research centres and industry, where high professional competence is required.

Courses (PhD cycle XXXV), academic year 2019/20

CROP PRODUCTION AND ANIMAL SCIENCE

Coordinator Professor Stefania Masci
masci@unitus.it
Department DAFNE

ECOLOGY AND SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES

Coordinator Professor Roberta Cimmaruta
cimmaruta@unitus.it
Department DEB

ENGINEERING FOR ENERGY AND THE ENVIRONMENT

Coordinator Professor Danilo Monarca
monarca@unitus.it
Department DEIM - DAFNE

ECONOMICS, MANAGEMENT AND QUANTITATIVE METHODS

Coordinator Professor Alessandro Sorrentino
sorrenti@unitus.it
Department DEIM - DAFNE - DIBAF

SCIENCE, TECHNOLOGY AND BIOTECHNOLOGY FOR SUSTAINABILITY

Coordinator Professor Mauro Moresi
mmoresi@unitus.it
Department DIBAF
University Partnerships: the University of Molise

HISTORICAL AND CULTURAL HERITAGE SCIENCES

Coordinator Professor Catia Papa papa.catia@unitus.it
Department DISTU

EUROPEAN AND GLOBAL MARKET LAW: CRISES, RIGHTS & REGULATIONS

Coordinator Professor Carlo Sotis carlo.sotis@unitus.it
Department DISTU

Contact details

dottorati@unitus.it
capuani@unitus.it - Tel. 0761 357912
danielal@unitus.it - 0761 357961

Location

Via Santa Maria in Gradi 4, Viterbo (1st floor)

Opening hours

Mon - Fri: 9.00am to 1pm
Mon, Tue, Wed: 2.30pm to 4.30pm

SPECIALIZATION SCHOOL FOR LEGAL PROFESSIONS

The Department of Linguistics and Literary, Historical, Philosophical and Legal Studies of this University, in cooperation with Link Campus University of Rome, will inaugurate the School of Specialization for Legal Professions. The two-year course offers Law graduates additional instruction. By applying an integrated theoretical and practical learning approach and by developing a close relationship professionals of this sector, the course provides students with the skills to sit the State exam, qualifying them for the practice of legal professions (magistrate, lawyer and notary).

This solid educational and professionalizing programme combines the legal expertise of highly qualified teaching staff specialized in legal subjects from the two universities with the long-standing competence and experience of the professionals and magistrates selected by the School Board.

The programme develops and enhances the skills, methods and abilities that are

necessary for legal professions. The School program will consist of a common core first-year curriculum and two second-year curriculum options: legal studies and notary studies.

The school has limited places available and requires an entrance exam to be held simultaneously in various venues nationally. The entrance test outcome is based both on the evaluation of individual qualifications and on the results of a written test. Courses start in autumn 2018. Costs include an enrollment fee and a service fee. At the end of the two-year course, after passing the final exam students will be issued a Specialization Diploma. The diploma is one of the qualifications required to sit the State exam to become a magistrate. It will count as one year of practice for the completion of the apprenticeship period for lawyers and notaries.

Contact details

Academic offices of the linguistic, literary, historical, philosophical and legal studies Department
Via San Carlo, 32 Tel. 0761 357875 - SSPL@unitus.it

STATE EXAMINATIONS

Our University holds state examinations for the following professions:

- biologist;
- agronomist/forestry expert;
- tax advisor/accountant.

State examinations office

Roberto Capoccioni
r.capoccioni@unitus.it - Tel. 0761 357805

DIPLOMA SUPPLEMENT

The Diploma Supplement is issued to graduates of higher education institutions along with their degree or diploma. The diploma supplement increases the transparency of the degree obtained. Because it is integrated with the description of the study course, it makes it easier to identify the competences and skills of the graduates holding new academic qualifications. This is also true for international employers.

MASTER'S DEGREES

Universities can offer advanced and specialisation courses for postgraduate students. Upon their successful completion, first and second level master's degrees are awarded. The master's courses are renewed annually. The master's courses are only activated if the minimum number of eligible candidates is reached.

Bachelor's graduates can only enrol on first level master's courses while master's graduates can access first or second level master's courses. The master's courses include lectures and other forms of supervised study and interactive teaching, usually throughout the academic year. This could include a compulsory internship and/or the writing of a project or a paper as a core part of the study programme. The above-mentioned activities are combined with individual study for a total of 1,500 hours, and at least 60 credits are awarded.

First-Level Master Programmes

DEIM

- Master Crisis
The Science of Criminology and Forensic Science, Investigation and Security

DIBAF

- Community narrators
- Guides and interpreters of the landscape and cultural heritage
- Interdepartmental Master's course in food and wine management and promotion

Second-Level Master Programmes

DEB

- Applied nutrition, food safety and quality

DISTU

- Food law

The master's courses are renewed annually.

Postgraduate office

Tel. 0761 357824-825

tfa@unitus.it

Location

Via S. Maria in Gradi, 4 Viterbo

Opening hours

Mon - Fri: 10.00am to 12.00pm

ENJOYING UNIVERSITY LIFE, ENJOYING CITY LIFE



DiscoLazio, the Regional Agency for the Right to University Education, has the institutional duty of ensuring University access to competent and deserving students with low incomes who have not exceeded a specific ISEE value after the 15th of January 2018. These students have to have acquired the minimum number of CFU required depending on their academic year, while first-year students lists will be made based exclusively on their ISEE and without taking into consideration their high school marks.

Benefits listed below are available through an online competition from the first days of May 2018 to the end of July 2018 (the Competition Notice for the academic year 2017/2018 is available on www.laziodisu.it).

Beneficiaries are students enrolled at the University of Tuscia and the Academy of Fine Arts 'Lorenzo da Viterbo'.

The main services offered are:

- Grants based on the applicant's personal situation (on-site, off-site, commuter)
- and tuition fee exemption. All eligible applicants are exempted from the payment of fees;

- Accommodation at the University Halls of Residence in Viterbo, in Piazza San Sisto, 8 (65 beds) and in Via Cardarelli, 77 (82 beds). Only eligible students living outside the Province of Viterbo can use the accommodation. Erasmus+ incoming students can also benefit from this accommodation - 80 beds are reserved for them.
- Paid accommodation is also available in compliance with the General Regulations;
- International Mobility Contribution, which is granted exclusively if the applicant has been awarded an ADISU grant in the same year. The size of the contribution depends on the actual travel and subsistence costs incurred by the student when abroad.

Services offered to all students (independent of income) are:

- Refectory, in Viterbo, at the Student Halls of Residence in Piazza S. Sisto, offering a free daily meal to students with grants and all eligible students, and subsidised meals for other students, depending on their household income level.
- Fitness room, reserved for students living in Via Cardarelli and Piazza San Sisto.

DiScò Viterbo

Via Cardarelli, 75 Tel. 0761 270610
 studenti.laziosett@laziodisco.it
 www.laziodisco.it

CUS University Sports Centre

CUS is the largest sports centre in Viterbo serving students of the University of

Tuscia and offers the possibility to play over 30 different sports, whether at competitive or amateur level.

CUS Viterbo organizes sports activities for all students and promotes the concept of physical education and leisure time activities. CUS runs the sport facilities located on the University Campuses. These are:

- 1 full-sized football pitch
- 1 synthetic eight-a-side football pitch
- 2 indoor multi-use games areas;
- 1 outdoor tennis court
- 1 indoor tennis court
- 2 beach volleyball and beach tennis courts
- 1 large leisure area with football table football, ping pong and darts;
- 1 refreshment point with vending machines

Free registration to CUS for Unitus students.

Free access to most of the facilities for CUS registered students at reduced prices. CUS organises tennis, volleyball, basketball, roller skating, personal defence, artistic and modern dance, AIKIDO. Affiliations with the C.U.S.I. for skiing week-long holidays (Valzoldana) e and week-long summer holidays (Muravera).

www.cusviterbo.it

Tel. fax 0761 352737
 cusviterbo@libero.it

Location

Via San Camillo De Lellis, snc, Viterbo

Opening hours

Mon - Fri:
 10.00am to 12.30pm
 3pm to 5.30pm

Labcom: Radio Unitus

Radio Unitus is our University's young web radio. The first broadcasts started in January 2016. The programmes have since developed and they now offer many news and a lot of variety. The staff includes two main parts. One is the radio news by journalist Fausto Pace, broadcasting the University news with the cooperation of three more journalists and the web radio. The web radio is coordinated by professor Giovanni Fiorentino, Director of the Disucom Department, who looks after the cultural and entertainment aspects. There are live broadcasts hosted by students from all the departments, from Monday to Friday.

The web radio is open to anyone from the University - students, professors, researchers, admin staff and graduates - and to anyone who is looking for an alternative and fun way of experiencing university life.

If you have a passion for the radio and you would like to find out how a radio programme is created and hosted, please contact us. Radio Unitus' microphones are waiting for you. Have your say!

Labcom: Photography workshop

The photography workshop represents yet another chance of getting together that students of all departments like. Each year the university organises a course aimed at learning the basics of photography through lessons and practical group lessons outdoors, so that students can put what they have learnt into practice as well try out and experiment with different photography techniques.

The course is also supported by events with professional photographers, who help students understand how a hobby can become a job.

At the end of the course, students are invited to show how they improved by working on group projects. Taking a photograph does not necessarily require sophisticated equipment. A smartphone and a good amount of passion can be enough to become a photographer. Say it with the light!

Contact details

Radio News:

Fausto Pace
pace@unitus.it

Web radio:

Elisa Spinelli - Michela Di Pietro
fotoradio@unitus.it
@radiounitus

Location

Via S. Maria in Gradi, 4 Viterbo

Contact details

Photography workshop:

Professor Giovanni Fiorentino
fotoradio@unitus.it

Location

Via S. Maria in Gradi, 4 Viterbo

UNITUS EVENTS

In addition to numerous events sponsored by or in collaboration with the University of Tuscia, the University organizes several cultural events on an yearly basis.

UNIVERSITY CONCERT SEASON

Every year, the public concert season takes place in the Auditorium of Santa

Maria in Gradi, in the splendid location where the University of Tuscia Administrative Offices are also situated. The concert season is celebrating its 14th edition in the 2018-2019 academic year. Concerts take place on Saturdays at 6 pm, from October to May. This event is renowned at a national and international level, and features an extraordinary variety of programmes, performed by prestigious Italian and international musicians. It is an opportunity to appreciate great music and applaud outstanding performers. Students, former students, professors and technical and administrative staff all have access to discounted tickets.

Artistic Director

Professor Franco Carlo Ricci

UNIVERSITY CHOIR

The Choir of the University of Tuscia is currently being formed in order to promote the appreciation of music and foster socialization among students, teachers and technical and administrative staff. The choir can see the participation of current students, former students, teachers and technical and administrative staff of the University. (No knowledge of music or outstanding vocal skills are required).

For more information, please contact:

Artistic Director

Professor Franco Carlo Ricci
francocarlo.ricci@unitus.it

Director

Professor Antonella Bernardi
bequadro@libero.it



THE ANGELO RAMBELLI BOTANIC GARDEN

Every year, the at the Botanic Gardens a series of events aimed at creating interest and fostering the visitors' curiosity towards the natural world are organised: among these, thematic courses, exhibitions and displays.



STUDENTS ASSOCIATIONS

A.S.E.S. – E.S.N. Erasmus and International Students Association and Erasmus Student Network, Viterbo.

Aim: to promote international university exchange programmes.

Director: Alessandro Scivola

Operational headquarters:

International Cooperation and Mobility Office.

Tel. 0761 357520

Fax 0761 357919

esnviterbo@gmail.com

University Forestry Students' Association - AUSF

Aim: to raise awareness and further analyse the issues concerning the world of forestry.

Director: Nadiya Shepel

Operational headquarters:

Students' Room

DAPHNE DIBAF

Tel./ Fax 0761 357232

ausfviterbo@gmail.com

University Theatre Centre CUT

Aim: to develop awareness of the world of theatre and entertainment.

Director: Sara Baroncini

Operational headquarters:

CUT Office

Santa Maria in Gradi headquarters

[cutlortre@gmail.com](mailto:cutulorre@gmail.com)

Association 'Universo Giovani' ('Youth Universe')

Aim: to increase the students' cultural, social and professional skills and to offer activities designed to promote success in the job market.

Director: Emanuele Brodo

Operational headquarters:

Via S. Maria in Gradi, 4 Viterbo

Headquarters: Via XXIV Maggio, 70 Montefiascone (VT)

www.universogiovani.it

f UniVersoGiovani.VT

universogiovani@libero.it

universogiovani.associazione@gmail.com

Tel. 328 1420045

Association 'Univercity Viterbo'

Aim: to design projects aimed at creating a permanent cultural interface between the city of Viterbo, its surrounding area, and the University.

Director: Matteo D'Angelo

Operational headquarters:

Via I. Garbini, 29 scala G - Viterbo

univercity.vt@gmail.com

Tel. 328 0529831 - 345 4167364

 WeDAFNE



DAFNE

AGRICULTURAL AND FORESTRY SCIENCES

Coordinator

Professor Nicola Lacetera

Location

Via S. Camillo de Lellis, snc
Viterbo

Tel. 0761 357581

Contact details

dafne@unitus.it

www.dafne.unitus.it

DAFNE is unique in that it is the only university department in Lazio with teaching and research competences in the fields of agriculture, forestry and nature conservation sciences, and agro-biotechnology. Teaching activities are closely tied to research and this connection becomes closer as the three-year degree programme progresses to the master's level and reaches its maximum level in the research doctorate programmes.

This is currently one of 120 Italian Departments of Excellence. In the next 5 years, this department will receive extra funding that will be invested in a project aimed at further improving the quality of teaching and research. The project's title is: "Sustainability of agriculture and forestry in the Mediterranean in the context of global change".

Degree courses 2019 / 2020

As far as agriculture, forestry and agro-biotechnology goes, DAFNE's courses offer a first cycle of study, made up of a three-year bachelor degree programme, followed by a two-year technical and scientific specialisation course leading to the Italian second cycle degree.

The study pathway can then be completed by enrolment on a three-year research doctorate programme.

Agricultural and Environmental Sciences (L-25)

General education

The degree course provides knowledge and competences in the management of crop and animal production. The focus is on a systemic approach to the relationship between biological needs, resources, technical tools, financial and environmental sustainability.

Our graduates acquire a deep knowledge of production (crops in particular), livestock rearing and the first transformation of crop and animal products. The course has two paths: Agricultural and Environmental Sciences, Agro-biotechnology.

The Agricultural and Environmental Sciences path includes four specialisations: Agricultural and environmental; Quality livestock; Territory, Environment and Landscape; and Product and Agricultural process Certification.

Job opportunities

Graduates possess the competences needed to become a junior agronomist. They possess qualified managerial, dissemination and technical assistance skills in the agro-industrial, agritourism and agro-environmental sectors. Graduates in Agro-biotechnology can also successfully tackle the applications of molecular biology in the agricultural sector. The course's natural pathway is a second cycle degree in Agricultural and Environmental Sciences. Following a successful state examination, graduates can enter the Agronomists and Forestry national register.

The University offers students the opportunity to continue the second cycle degree course in:

- Biology for the Safety and Quality of Agricultural Production (LM-7)
- Conservation and restoration of forests and soil conservation (LM-73)
- Agricultural and environmental sciences (LM-69)

Course director

Professor Gabriele Dono
dono@unitus.it

Student office

Via Santa Maria in Gradi, 4
Tel. 0761 357798
Department of Agricultural and
Forestry Sciences

Teaching department

DAFNE Riello,
Via S. Camillo de Lellis, snc
Tel. 0761 357286 - 219
dafne@unitus.it

Forestry and Natural Sciences (L-25)

Teaching Aims

In order to face the challenges of the contemporary world, the three-year degree course allows graduates to understand and interpret the natural environment's main aspects and issues as well as local and global environments, and to connect them with the sustainable management of forestry and of the other local natural system. The course is aimed at gaining an open perspective on international priorities in the realm of forestry and the protection of the global environment.

The main themes are the analysis of forestry, the monitoring of different ecosystems, the sustainable management and conservation of forestry, the prevention of neglect and the restoration of coastal, hill and mountain areas, the evaluation and development of forestry products and of the services that the woods offer society.

The course has two paths, each offering a deeper knowledge and understanding of different, more specific areas:

- Management of Protected Areas and the Landscape will suit you if you wish to strengthen your knowledge of aspects related to the conservation of forest biodiversity

- Forests and climate change deals with climate change and the interactions with forestry systems. This degree course gives students an in-depth knowledge of forestry and environmental management and is characterised by a practical approach allowing young graduates an easier start in the job market.

Students have the opportunity to carry out practical applied activities in labs and on the field: the course includes residential training periods in Alpine and Apennine environments.

Job opportunities

Graduates are able to aptly manage renewable natural resources (forestry in particular) and to deal with biodiversity conservation, the protection

Course coordinator

Profesor Maria Nicolina Ripa
nripa@unitus.it
Tel. 0761 357362

Student office

Via Santa Maria in Gradi, 4
Tel. 0761 357798
Department of Agricultural and
Forestry Sciences

Teaching department

DAFNE Riello,
Via S. Camillo de Lellis, snc
Tel. 0761 357286 - 219
dafne@unitus.it

of agro-forestry landscape and the management of protected natural areas. Following a successful state examination, graduates can enter the Agronomists and Forestry national register (section B).

Mountain Sciences (L-25)

Teaching Aims

The bachelor's degree course in Mountain Sciences (L-25) is the only one of its kind in Italy. It gives you a unique opportunity, therefore, to take a three-year degree course, and to gain professional expertise in analysis, planning and management of mountain areas and their resources, with particular reference to the Apennine and Mediterranean areas. The university training of Agricultural and Forestry Sciences graduates is enhanced by the promotion of mountain areas to ensure financial, tourism and business growth. The training programme aims at a technician with diverse skills and abilities in forestry, agriculture, the environment and finance through the management of the natural resources of mountain areas with a view to improving the financial and environmental aspects. Graduates will be able to identify and avoid the risks of environmental degradation by offering sustainable solutions for hill and mountain agriculture and their products and identifying the potential of environmental tourism. Students will possess a good knowledge of chemistry and biology as well as their application-related aspects, they will learn the basics of scientific inquiry and they will be familiar with the advanced methods of analysis of environmental parameters. The main subjects taught are related to the practical applications of agricultural and forestry engineering. Students are taught how to approach reforestation projects aimed at safeguarding the soil and water springs, the stabilisation of slopes and river banks, the prevention and limitation of land degradation, the production, collection and improvement of mountain products. Students acquire competences related to the recovery of geographically and socio-economically remote mountain areas with

a naturalistic and recreational value and they learn to plan and design parks and protected areas. The course on Mountain Sciences is a job-oriented course with a practical approach which allows graduates to quickly enter the job market and allows students to acquire solid foundations to continue his or her course of study with a second cycle degree course and a master's. The training includes time spent in the Alpine and Apennine environment and student mobility programmes (ERASMUS, training and internships in Italian and foreign companies).

Job opportunities

The course on Mountain Sciences is a job-oriented course with a practical approach which allows graduates to quickly enter the job market. It allows students to acquire competences allowing them to work as mountain agronomists, biodiversity conservation experts, forestry engineering experts and experts of the financial improvement of mountain areas. Following a successful state examination, the three-year degree course allows students to enter the Agronomists and Forestry national register—Junior B section. Graduates can work for ministries, regional authorities, parks, protected areas, mountain communities, industries, business operating in the environmental sector, and companies specialising in consulting and design in this sector. Graduates can also teach vocational training courses.

The degree course allows students to acquire solid foundations to continue his or her course of study with a second cycle degree course and a master's.

Course director

Professor Bartolomeo Schirone
schirone@unitus.it
Tel. 0761 357391

Student office

Claudia Menghini
Tel. 0761 357263
Cosimo De Pace
Tel. 0761 357582

Student office (Rieti)

Raffaella Cocco
Sara Ferri
Tel. 0746 1739605 - 1732574
scienzemont@unitus.it

Academic offices

Coordinator

Lorena Remondini
Tel. 0761 357286 - 219
dafne@unitus.it

Biotechnology for Agriculture, the Environment and Health (LM-7)

General education

The second cycle degree course in Biotechnology for Agriculture, the Environment and Health (CdLM/BioSiQuAl) is aimed at giving graduates a deep knowledge of the scientific aspects related to biotechnology for the development and improvement of agricultural authorities. Students will learn about the quality and safety control of raw materials and agro-food products, how to improve their nutritional and health value through the study of natural organic substances included in food and agro-industrial waste, and how to use them as ingredients in nutraceutical and pharmaceutical preparations. The CdLM/BioSiQuAl course offers extremely specialised training. Graduates will have the knowledge and skills needed to analyse different biological and agro-food systems to understand, design and develop solutions to the issues related to animal and crop production in a rational, innovative and sustainable way. The demand for natural organic substances and bioactive molecules to replace synthetic products through biotechnologies and extraction processes deriving from agro-industrial waste moves production towards a type of agriculture that provides products for industrial use that are connected to green chemistry and to the agro-industrial, manufacturing and energy sectors.

The courses are completed by a good number of practical activities carried out in labs and on site. The CdLM/BioSiQuAl course includes several scientific cooperation agreements/conventions with other research authorities and businesses operating in agro-biotechnology, the nutraceutical and pharmaceutical sectors. This gives students research opportunities and it exposes them to the world of production thanks to educational visits, training courses and 'external' dissertations. The course includes 11 exams and 12 CFUs from vocational training chosen by the student, 6 for English, 4 for training and 23 for the final dissertation.

Course director

Professor Umberto Bernabucci
bernab@unitus.it

Student office

Via Santa Maria in Gradi, 4
Tel. 0761 357798
Department of Agricultural and
Forestry Sciences

Teaching department

DAFNE Riello,
Via S. Camillo de Lellis, snc
Tel. 0761 357286 - 219
dafne@unitus.it

Career opportunities

Graduates will find work in state-run and private organisations or work as self-employed professionals and entrepreneurs.

There are many job opportunities for these graduates:

- researcher, technician and similar in state-run and private research organisations dealing with innovative, quality and low-environmental impact products and with the characterisation of bioactive molecules;
- regional associations aimed at developing and innovating agriculture and the environment (decontamination, environment conservation and improvement);
- national and international food safety agencies;
- seed companies dealing with the selection and certification of plant varieties;
- pharmaceutical and nutraceutical production and distribution companies;
- companies dealing with the certification of primary production;
- national and international breeders for the management of genetic improvement;
- International cooperation for technological development and the improvement and conservation of the environment;
- observers, public and private agencies for the control of plant health and the protection of plants;
- armed forces, Carabinieri scientific investigation teams and specialised departments of the Italian Navy for technical-scientific support;

the ISTAT employment rate for second degree course graduates after one and three years from the degree equals 75% and 79% respectively (Almalaurea 2017).

Agricultural and Environmental Sciences (LM-69)

Teaching Aims

This degree course allows students to acquire in-depth and specialised knowledge and competences related to plant production and livestock aimed at planning and managing innovation in agricultural

production from a quality and quantity point of view. The systemic approach combines biologic knowledge and needs with business and local resources, technical tools and environmental sustainability. The course has a common basis and three specialised profiles: The common basis are focussed on the research methodology in agriculture, the innovation and management of agricultural and livestock systems, sustainable strategies aimed at protecting crops, the development of quality plant products, business management and investment analysis, agricultural mechanization, regional safety and setup and work safety in their most innovative aspects.

The development of specialised knowledge and competences happens in the second year with:

- a cultivation profile; students learn how to obtain quality products, improve genetics, horticultural crops, fruit crops and viticulture;
- a territorial financial profile; students acquire knowledge about the optimisation of regional planning, job safety in agriculture and economics / rural development policies;
- a livestock profile; students learn how to optimize forage production and conservation, gain knowledge on food science and techniques in livestock management and on the quality of animal products.

Job opportunities

This course prepares students to become

- self-employed Senior agronomers;
- agronomers working in state-run and private organisations;
- head managers of farms, with competences on production and the protection of post-harvest activities, with a view to safeguarding environmental sustainability, the quality of fresh produce and their consumption and working on food and industrial transformation;
- head managers of livestock farms, with competences on nutrition, hygiene, the wellbeing of animals and the quality of livestock produce;
- consultant agronomists operating for the protection of the environment, of rural and urban land, of the

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landscape, of occupational safety and of agricultural extension.
After five years from the degree, the ISTAT employment rate for second degree course SAA graduates was 83% in 2016 (ALMA LAUREA data, source: ISTAT).

Conservation and Restoration of Forests and Soil Conservation (LM-73)

General education

The second cycle degree course in Conservation and restoration of forests and soil conservation (CRAF) is the most specialised degree course offered by University of Tuscia in the sector of environmental and forestry management and conservation, the restoration of forests and soil conservation. The course's uniqueness is down to a solid bioecological, technological and geological-engineering preparation on a solid basis of environmental and forestry knowledge and competences, with a focus on planning. Students who wish to enrol on this degree course must possess specific minimum requirements. Students are required to undertake an interview aimed at ensuring they possess the appropriate prerequisites. The interview committee will be formed by a minimum of three course professors. Students are required to have a minimum of 30 CFUs in the scientific disciplinary sectors: MAT/01-09, CHIM/06, CHIM/03, BIO/03, AGR/05, AGR/07 e AGR/13. During the interview, the student's knowledge of English will also be assessed. Students must have at least a B2 CEFR level. This is an important specialisation course for first level graduates in Forestry Sciences and for graduates in Environmental Sciences and Natural Sciences, since these graduates do not always have the opportunity of using their competences to the full. Students of this course share several abilities with environmental engineers and landscape architects. First level graduates in these areas can find a logical completion of their preparation in this second cycle degree course.

This degree allows graduates to work in scientific

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research and on PhD programs in geomorphology, biology, biotechnology, forestry, as well as technological and environmental engineering in particular. The course has two paths: Biodiversity Monitoring and Conservation and Environment Management and Restoration.

Job opportunities

Job opportunities are not limited to becoming a Forestry Specialist. Graduates can work as managers at the Command for forest, environment and agro-food conservation. This is the new branch of Carabinieri that took over some of the tasks previously carried out by the Corpo Forestale dello Stato (National Forestry Association), Ministries, regional authorities, local authorities, parks and natural reserves, museums, companies dealing with consultancy, environmental and forestry analysis, large planning and companies working for the conservation and restoration of forests and the environment, industries operating in the technological-forestry sector and non-governmental international cooperation organizations. Graduates could also work in teaching and research. After three years from the degree, the ISTAT employment rate for second degree course CRAF graduates was 90% (Almalaurea data, 2015).

DAFNE AND RESEARCH

The Department of Science and Technology for Agriculture, Forestry, Nature and Energy is a teaching and research department that is nationally and internationally renowned for its numerous accomplishments in agricultural sciences, forestry sciences and agricultural biotechnology.

The research activities comprehensively cover the areas of agricultural and environmental sciences, forestry and natural sciences, agricultural biotechnology and the conservation and restoration of forests and the environment. The activities are carried out by researchers and teaching staff who operate within the following 10 research sectors:

- Herbaceous and ornamental agro-ecosystems;
- Agricultural biotechnology;
- Molecular and environmental botany and landscape preservation;
- Agriculture, food, land and forest economics and politics, and accounting for agricultural assets.
- Agricultural and forestry engineering;
- Innovations in timber and fruit plantation, in nurseries and agroforestry genetics;
- Agroforestry pathology, entomology and microbiology;
- Land-use planning and management;
- Forestry planning and restoration;
- Livestock production science.

Although distinct in their specific fields of investigation and expertise, the research groups interact closely with one another to create a lively interdisciplinary environment.

 WeDEB



DEB

ECOLOGICAL AND BIOLOGICAL SCIENCES

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The Department prepares highly skilled technicians and professionals in the biological and environmental sector. Graduates in Biological Sciences can carry out productive and technological activities in several practical fields and numerous analysis services. DEB has many laboratories, where students work towards their graduation theses and PhD final dissertations. The Department boasts state-of-the-art equipment and is supervised by teaching staff and researchers who have gained national and international recognition and who have published articles in leading international scientific journals.

Degree courses 2019 / 2020

The DEB Department offers a first cycle of study consisting of a three-year bachelor's degree program, followed by a two-year specialisation course, leading to the Italian second cycle degree.

Biological Sciences (L-13)

General education

The first level degree course in Biological Sciences aims at giving students the basic knowledge and competences they need in the disciplines related to the different areas of biology.

Career opportunities

Graduates in Biological Sciences will be skilled at carrying out activities in various fields of application, such as production and technological activities in laboratories (in hospitals, private laboratories dealing with bioanalysis, private industries and more) and analysis, control and management services.

As a graduate, you will be able to integrate into various working environments using your training as a ductile base from which to further your specific, professional knowledge. The first level degree course in Biological Sciences allows graduates to enter the junior biologist national register. Graduates will also be able to continue their studies to obtain the second cycle degree course.

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If you wish to further your studies at postgraduate level, the University offers master's degree courses in:

- Cellular and Molecular Biology (LM-6)
- Biology and Marine Ecology (LM-6)
- Biology for the Safety and Quality of Agricultural Production (LM-7)
- Industrial biotechnology for health and wellbeing (LM-08)

Biological Environmental Sciences (L-32)

Degrees in Biological Sciences (ex DM 270/04)
Civitavecchia Campus

General education

The course provides a systemic knowledge on the environment and good practices for the scientific method and the analysis of processes, systems and

problems related to the natural environment and the environment altered by human beings. The course aims at teaching graduates how to use the scientific method as well as innovative and complex tools in the environmental sciences sector.

Job opportunities

The degree course in Environmental Sciences aims at training professionals who can tackle, recognise, categorize and solve environmental problems by building a favourable rapport with nature specialists, analytical experts, companies, public authorities and the public opinion. Thanks to the wide and in-depth knowledge in different sectors of land and marine environment, our graduates can work on monitoring projects and environmental control fostered by state organizations such as ministries, regions, provinces, town hall administrative organizations, health authorities, national and regional environmental protection agencies, parks and natural reserves, private organizations (agencies, professional firms, societies and companies working in the environmental sector). Graduates in Environmental Sciences can work as environmental control technicians, guides and specialised accompanying staff, waste disposal experts. Graduates can also continue their studies to obtain the second cycle degree course.

The course prepares students for the following jobs:

- Lab technician
- Environmental Control Technician
- Specialized guide
- Environmental restoration technician
- Coastal Management Technician

If you wish to further your studies at postgraduate level, the University offers master's degree courses in:

- Cellular and Molecular Biology (LM-6)
- Biology and Marine Ecology (LM-6)
- Biology for the Safety and Quality of Agricultural Production (LM-7)
- Industrial biotechnology for health and wellbeing (LM-08)

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Cellular and Molecular Biology (LM-6)

General education

The main objective of the second cycle degree course in Cellular and Molecular Biology is that of deepening the cultural knowledge and competences in the basic principles of biology and applied biology, matched by in-depth scientific and operational knowledge in the founding disciplines of the course. This objective is in line with improving the university system from a European and international perspective of improving the quality of the available educational opportunities. The second cycle degree course includes specialised knowledge and competences compared to those acquired during the first cycle degree course. It provides a solid basis allowing graduates to be more efficient in different job sectors and acquire the more and more complex and demanding professional qualities needed in today's world. The second cycle degree course also provides the opportunity to acquire specific cultural tools and analysis methodologies during the experimental dissertation work. All the scientific workshops included in the course of study provide relevant competences, as the lines of research available are relevant to each course profile. Training activities include lab workshops aimed at acquiring knowledge in experimental methodology and stage activities in other universities, research centres, public or private research laboratories and businesses.

Career opportunities

The following are some of the job opportunities for graduates:

- basic and applied research in the biological, biomedical, molecular biological, physiological, genetic or nutritionist fields in public or private research institutes or universities;
- access to various PhDs and specialization schools;
- self-employed and entrepreneurial activities in the life sciences sector as biologists and similar;
- professional and project-based activities related to biology, in the health and public administration sectors;

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- management of chemical, biology and microbiology labs, biological and quality control of organic products and production chain;
- scientific and technological promotion and innovation activities in various areas of biology, technology planning and management.

Biologists are professionally recognised. Following a successful state examination, second cycle degree graduates can access the national register for biologists (senior biologists).

Industrial biotechnology for health and wellbeing (LM-8)

Cross-departmental degree course DEB - DIBAF

General education

The second level degree course stems from the synergy of the DIBAF and DEB departments and from the need to complete the course offer in the biotechnology area and, in particular, in industrial biotechnology.

The course aims at giving students a sound scientific basis allowing them to plan, produce and recover animal, plants, microbial and synthetic bioactive molecules for the cosmetic, cosmeceutical, nutraceutical and pharmaceutical sectors.

Students learn the advanced scientific methods needed to study and develop extraction and characterisation processes of natural substances, the planning of new specific bioactive molecules, the identification of their pharmacogenetic and toxicological effect and the creation of biomolecular, bio-catalytic and microbiological systems which are of fundamental importance in order to use biotechnologies in applied research, industrial production and services related to human health and wellbeing.

The course has two study areas:

- Biotechnological processes and products;
- Structural and functional characterisation of bioactive molecules.

The course includes 8 compulsory courses, 3 courses to be chosen among the 7 available ones (similar and supplementary sectors) and 12 CFUs from training

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activities chosen by the student (AFS, attività formative a scelta) who can therefore choose specific areas of individual interest. Moreover, there is a B2 English course and practical laboratory activities.

Competences

Second cycle degree graduates in Industrial biotechnology for health and wellbeing acquire the following competences:

- theoretical-practical competences in the molecular and genetic sectors;
- competences in omics sciences;
- theoretical-practical competences in the sector of microbial and fermentation biotechnologies;
- theoretical-practical competences related to techniques and instruments to carry out the structural and functional analysis of macromolecules and biologic molecules;
- chemistry, biochemistry and molecular competences in order to obtain materials of biotechnological interest;
- general biotechnology competences aimed at the scientific and technological development and innovation;
- general sustainability and bio-economy competences.

Career opportunities

This strongly job-oriented course with a theoretical-practical approach allows graduates to quickly enter the job market.

The course prepares students to work in highly-specialised intellectual scientific jobs such as:

- Biologists and similar jobs
- Biochemistry experts
- Biotechnology experts
- Microbiologists
- Researchers and technical experts in biological sciences

Therefore, graduates in Industrial biotechnology for health and wellbeing can work in:

- State-run and private research institutes and universities;

- Research and development laboratories, production and quality control departments within biotechnology companies and other companies interested in biotechnological innovation;
- Biotechnological companies in the biomedical, cosmetic, nutraceutical, pharmaceutical and environmental sectors;
- Laboratories, testing centres and imaging centres;
- Organisations dealing with the organisation of patent legislation of bioindustry processes and products;
- obs related to national state exams in the healthcare industry, based on the requisites stated in article 2 of decree of equivalence with the second level degree course in Biology (LM-6) (D.I. 15/01/2013 (published in the Gazzetta Ufficiale 22 June 2013 no. 145).
- Self-employed professional (national register for biologists, following a successful state exams for the job of senior biologist, section A - DPR n. 328/01);
- Scientific knowledge and specialised printing sector.

Biology and Marine Ecology (LM-6)

General education

The course aims at training highly qualified and specialised professionals who are capable of tackling environmental problems with a strongly biology-based approach and also capable of dealing with all the ecological processes at the basis of the goods and services production that the marine environment offers society. The study course aims at training marine environmental biologists. Marine environmental biologists are skilled at knowing, classifying and solving environmental issues through a systemic and interdisciplinary approach. This is achieved by proritising competences in the management and conservation of the marine (coastal and ocean) environment biological resources. The course will give students:

- In-depth knowledge in basic and applied biologic and environmental disciplines in the marine environment;
- applied management disciplines that are useful to adequately put into context biologic resources in

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- environmental systems;
- methods of analysis through lab activities in different disciplines and in the sustainable management of fishing resources;
- professional experiences through external training and the writing of an experimental dissertation. Students will acquire the following competences:
- ability to identify, classify, analyse, restore and preserve the bioethics components of marine ecosystems, and to place them in their general environmental setting;
- ability to manage and monitor environmental systems and processes with specific reference to biological resources;
- ability to plan and manage the evaluation, restoration, reorganization and conservation of the marine and coastal environment with specific reference to biology.

Job opportunities

Prospective jobs for a professional with a Biology and Marine Ecology degree are self-employed work and managerial roles in public bodies (Ministries, Regions, Provinces, Town Halls, Local Health Authorities, national and regional agencies for the protection of the environment, parks, natural reserves and so on) as well as private organisations (companies, firms, professional services) in the following sectors:

- the analysis, certification and management of the environment as per the norms and regulations of the quality of marine waters;
- the analysis, conservation, management and monitoring of marine and coastal resources and environment systems aiming at maintaining biodiversity in all its components and functional levels;
- professional and project activities related to biologic and environment disciplines in the public administration, in the industrial sector and in the health sector. In particular, knowledge of marine and coastal environments and the animals and plants inhabiting them, of the microorganisms of biodiversity and the environment;

- the management of parks and natural reserves;
- the evaluation of the quality of the environment and the production of services and tools aimed at its improvement;
- the evaluation and put into practice of environmental impact and strategic evaluation studies;
- analysis and control of pollution;
- planning and monitoring of environmental control actions;
- planning, promotion and coordination of initiatives aimed at sustainability. More jobs are those in scientific research in universities and other public and private research centres. These opportunities have PhDs as their third level of study, which is almost essential.

The Department of Biological and Ecological Sciences brings together teaching staff whose background and research interests are deeply rooted in the areas of environmental science and biology. They carry out internationally relevant and highly competitive research. Since the Department's foundation, the wide range of disciplinary and technical skills of the members of the Department has resulted in fruitful interdisciplinary collaboration. The research objectives of the Department fall into two main and closely linked areas.

- Research in environmental and ecological fields. This is the study and characterization of marine and coastal environments, inland water and terrestrial environments, including extreme environments from a physical-chemical as well as biological perspective. The specific lines of research range from geology to green chemistry, to theoretical and applied ecology, with the study, monitoring and management of environmental resources.
- Research in the field of Biological Sciences. This deals with the analysis of the genetic and molecular mechanisms of fundamental biological processes, such as: evolution, adaptation and biodiversity, the origins of life, cell differentiation, nano-biotechnology, epigenetic inheritance, immunity, biochemistry of nutrients, mechanisms of carcinogenesis and neurodegenerative diseases, mutagenesis and toxicology, and omics sciences (proteomics, metabolomics and lipidomics), extraction, synthesis and biological characterization of natural substances.

 WeDEIM



DEIM

ECONOMICS, ENGINEERING, SOCIETY AND ENTERPRISE

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DEIM (Department of Economics, Engineering, Society and Enterprise) of the University of Tuscia dates back to 2011, following the merging of the research areas of the Department of Business and Qualitative Studies and the didactic areas of the Faculty of Economics. Currently, DEIM is the University of Tuscia hub for Economics, Engineering and Political Sciences. The DEIM Department study programmes are designed and constantly updated in cooperation with professional associations and businesses in order to foster education and training geared to the job market. This type of course guarantees a high number of work placements during the study period (through projects and internships).

Degree courses 2019 / 2020

The DEIM Department of the University of Tuscia offers three first-cycle three-year degree courses, five second-cycle degree courses and two PhD courses.

Business Administration (L-18)

General education

The degree course in Business Administration provides a solid general education on how companies work through a good balance of transversal competences (financial, business, mathematical-statistical and legal). The course aims at bringing together all the different teachings in order to look at business administration in an interdisciplinary way, so that graduates are able to independently manage and form the basis needed to naturally continue studying for the specialised degrees. Starting from academic year 2016-2017, degree courses have been enhanced with Management at the Civitavecchia campus, which was already available at the Viterbo campus. The course of studies completes the Tourism Economy studies and it requires a good level of knowledge of English and basic IT, training, internships and other job-oriented activities in companies or agencies. The course ends with the writing and discussion of a dissertation. Graduates will be able to manage different areas of a business and coordinate all the different aspects because they possess very specific technical and operational skills as well as a very good interdisciplinary background. Starting from academic year 2018-2019, the Civitavecchia campus also offers Maritime and International Trade Economy. Even though the Civitavecchia campus has changed its course in Tourism Economy, there are more degree courses available now thanks to the launch of a three-year degree course aimed at giving students a good knowledge in the core disciplines of business administration and in the specific areas of transport and international trade.

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Career opportunities

The degree course in Business Administration aims at offering graduates the knowledge and skills they need to find jobs with mainly operational responsibilities in many different professional areas. The main job opportunities for graduates in Business Administration are managerial positions in production and services firms, audit and consultancy firms, financial institutions, public services companies.

Business Administration graduates can take the state exams that allow access to the national register for Chartered Accountants and Expert Consultants according to the register's access procedures.

The University offers students the opportunity to continue the second cycle degree courses in:

- Administration, Finance and Control (LM-77)
- Marketing and Quality (LM-77)
- Circular Economy (LM-76)
- Economics and communication for management and innovation (LM-77) - shared degree course with Sapienza University of Rome
- Political, International Security and Public Communication Sciences (LM-62)*.

Industrial Engineering (L-9) with a limited number of students

General education

The degree course in Industrial Engineering aims at training professionals with an extensive technical knowledge of the cultural aspects that are typical of industrial engineering, with specific competences in the mechanic and energy sectors. The course allows graduates to find a job after completing the three-year degree course and continuing their studies with a second cycle degree course and a PhD. The methodological soundness that core scientific subjects possess and the specific fundamental knowledge in the industrial engineering sector allow graduates to interpret, analyse and solve problems related to industrial engineering as they identify critical aspects, the definition of specifics, the analysis of possible solution methodologies, the choice of the most appropriate method and its correct execution. The study plan organisation allows students to gradually develop learning abilities by starting with a logical line of reasoning (hypothesis - thesis) addressing a maths, IT, physics and chemistry problem and solving it together with the technical and organisational issues that engineers always have to face. Students acquire these skills after building up the knowledge they need in class, analysing case studies and doing numerical

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and lab exercises. Specific projects within the individual core subjects of this degree course will be of paramount importance. These will involve internships at firms and research organisation operating within this sector in the phase involving the preparation of the final test.

Career opportunities

The three year degree course in Industrial Engineering is highly usable in the job market and it offers very high salaries, occupation rate and stability in the workplace. The graduates' knowledge allow them to work in different sectors: mechanical and electromechanical industries, plants for the production of electric energy, manufacturing and engineering plants, public and private service firms, engineering companies, public and private organisations working in the mechanical and energy sectors, working as self-employed professionals in the planning and consultancy areas. Graduates possess the knowledge needed to work in different positions: assisted planning, the management of productive processes and factory services, management, organisation and assistance services for technical-commercial establishments, the choice of the right technologies and their integration, product and service innovation and investment analysis. Industrial engineers have the skills needed in several sectors: planning, production, industrial and IT services, procurement, technical management, marketing and logistics. This flexibility allows graduates to find work in small and medium industries, which are so typically Italian, where adaptability, a flexible approach and multidisciplinary are of paramount importance. The University offers students the opportunity to continue the second cycle degree course in Mechanical Engineering (LM-33).

Political Science and International Relations (L- 36)

General education

The Political Science and International Relations course aims at providing graduates with multidisciplinary competences including a good level of knowledge of

the historical-institutional, socio-political and financial-legal framework needed to understand and manage complex organisational local, national and international systems, both in the public and private sector. The course offers an interdisciplinary approach aimed at developing programming skills and innovative operational strategies through a good command of the empirical research method (politicalology, sociology, statistics, quantitative research and more) needed in order to work in the public and private sectors. The course favours the use of a comparative method at a national, European and international level. This is aimed at combining in the best possible way the knowledge and skills acquired in the Italian institutions of the European Union and in supranational institutions. The course aims at giving students the competences they need in order to understand and manage socio-economic globalisation and transformation processes. This is achieved by devoting more attention to security, which impacts most current national, European and international policies. Students will acquire the critical knowledge related to the core disciplines that national, European and international administrations require, the knowledge and civil servant training abilities and the understanding of their relationship with the financial world, the planning and management skills needed for the public and private administrative organisations. One more objective is that of training graduates who are able to manage the political and administrative aspects of international relationships and who possess skills that allow them to carry out the cooperation activities promoted by international organisations such as those headed by the United Nations. Specific competences related to investigation and political, administrative, communicative, informative and financial activities in the security sector are provided to the students of the Investigation and Security curriculum. Knowledge and skills related to the defence sector are the crucial areas of the ad hoc curricula for the students from the NCO Schools of the Italian Army and Air Force.

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Career opportunities

The degree offers the opportunity of choosing either

Political Science or Investigation and Security. Job opportunities and professional activities for graduates of both degree options relate to different areas, such as private national and international organisations and businesses, the public administration (ministries and local authorities), public national, international and supranational organisations, non-governmental and third-sector organisations. This interdisciplinary course also allows graduates to work in communication (public relations management, journalism, publishing, cultural events organisation and more). The Political Science degree aims at providing students with financial, legal, politology and history competences allowing them to manage the complex social situations of the contemporary world, with a focus on the international profile. Graduates possess the competences needed to work for the public administration in roles requiring managerial-decisional skills and in international organisations.

The Investigation and Security curriculum provides graduates with the theoretical and practical tools needed in order to work in the legal-criminological and investigative-technical sectors as well as the professional high-profile competences related to security. Some of the specific subjects studied are: criminology, legal medicine, forensic genetics, techniques and activities of the judicial police, law of the defensive, private and privacy investigations, sociology of social security and deviance, strategic studies for security, the economy of companies and of the public administration, marketing and more. The degree course provides a sound cultural and operational basis for those who wish to enter the armed forces or try the national entry test to become Chief Commissioner of the police. Graduates possess the competences needed to work as private investigators or commercial informants. The NCO Schools of the Italian Army and Air Force have specific curricula.

The university offers students the opportunity to continue their studies with a second cycle degree course in Political, International Security and Public Communication Studies (LM-62); Languages and Cultures for International Communication (LM-37).

Marketing and Quality (LM-77)

General education

The second cycle degree course aims at providing students with all the tools they need to face business issues with an integrated logic that is typical of business management, the planning and management of change, with particular reference to quality, the relationship with the client and political and strategic marketing elements. The Marketing and Quality course is the only one in Italy that conjugates in its title and its educational goals the concepts of marketing and quality. This choice can also be justified by the importance given to the central role of the client for the success of the business. This means that marketing is important, and so are management and quality assurance as strategic factors for the creation of a competitive advantage. The project-based element on which the degree course is based is focussed on a full and harmonic integration between marketing competences (analysis and management of demand, customer satisfaction, applied statistics) and competences related to quality (certification, quality control, management for quality). The training programme includes: project work that is developed in close contact with firms and that is coordinated by professors of the different subjects; professional experiences such as internships and other activities in businesses, organisations of management consultancy firms; an in-depth study of the English language. The course ends with the writing of an original written dissertation with the assistance of a professor. From academic year 2016-2017 it is possible to choose a personalised study plan that is focussed on marketing and communication.

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Career opportunities

Among the job opportunities for these graduates there are managerial positions in any financial-business area and, in particular, Marketing and Quality graduates can work in:

- professional, managerial and leader roles in marketing, organisation, production, sale, quality, administration and management of industrial

- businesses/firms and services of different kinds and sizes;
- different types of business consultancy and management in the different sectors;
- quality managers, evaluators and auditors;
- local development, territorial marketing and technology transfer expert,

The Master of Science in Marketing and Quality also allows access to the state boards for membership in Section A of the Register of Certified Public Accountants, in accordance with the procedures of regulated access by said register.

Administration, Finance and Control (LM-77)

The second cycle degree course in Administration, Finance and Control gives students advanced knowledge in business, law, statistics and mathematics, and economy. This makes them ready to face business issues from a global point of view.

The degree course aims at educating professionals possessing an overall knowledge of the tools needed for consultancy activities, the control of business processes, the analysis of financial markets and the management of financial data. The degree course offers three curricula with a common core:

- Administration and control (for professionals in the business and professional services sector)
- Finance (for experts who are specialised in finance)
- Data Analytics and Economic Analysis (for experts in the financial and statistics sector)

The training programme includes: professional experiences such as internships and other activities in businesses, organisations of management consultancy firms, research organisations such as, for example, ENEA; control authorities such as Consob; an in-depth study of the English language. The course ends with the writing of a written dissertation showing that the student can master the theoretical and technical tools he has learnt about and that he can use them. The student will write the dissertation with the assistance of a professor.

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Administration, Finance and Control graduates can work in managerial roles:

- accounting, administrative, control and managerial functions in businesses/companies of different kinds and sizes;
- in auditing;
- in consultancy and advisory firms;
- as self-employed chartered accountants;
- in the analysis and management of different financial and credit companies (commercial and investment banks, SGRs, insurance and other financial intermediaries);
- in risk management, assessment and monitoring, both in industrial and commercial enterprises and in financial institutions;
- in financial trading, financial engineering, corporate client desk and investment/financial bank institutions;
- as financial consultants;
- in institutions controlling markets and checking how they operate and in regulatory bodies;
- in research institutions and offices.

This second cycle degree course in Administration, Finance and Control also allows access to the national register for Chartered Accountants and Expert Consultants (section A) according to the register's access procedures.

Circular Economy (LM-76)

The degree course in Circular Economy offers a high level of specialisation on Circular Economy and it aims at providing students with a series of innovative tools to work in a financial and environmental sustainability context. The aim is that of enhancing natural resources, the use of secondary raw materials, the sustainable management of the value chain and the activation of industrial symbiosis. The degree course aims at giving students the competences they need to work in a conscious way in different areas which are often heterogeneous but which have one thing in common: the opportunity to integrate technological innovation and new competences with

converting production and sustainable development. The course has one common core, that of learning themes, methods and tools that are typical of circular economy, and it offers two curricula.

The first curriculum is focussed on industrial production from a circular economy perspective. Each process is characterised by a sustainable approach through a reduced use of traditional raw materials, the use of new forms of energy, recovery and recycling, the use of natural substances and production waste from other sectors (green economy). The second curriculum explores the circular approach in maritime economy, in all its aspects (tourism, nature, logistics, commerce) (blue economy). Graduates in Circular Economy can analyse, control and manage value chains in different commercial sectors; they can identify, evaluate and manage industrial symbiosis among similar sectors; they can develop techniques and methods for the analysis of productive systems and they can face problems related to the monitoring, territory and environment control and management, competences for the evaluation of resources and environmental impact, also through the use of conceptual and methodological tools provided by the economy, the law and environmental planning.

Job opportunities

The main prospective jobs are many and innovative. They are connected to:

- the analysis and management of environmental resources, environmental systems and territory;
- the management of innovative industrial processes;
- the management of resources recovery and reuse and of agricultural and industrial by-products;
- the sustainable management of tourism;
- the management of sustainable logistics and port processes;
- the management of sustainable maritime industry and services;
- the study and analysis of consumers' behaviour with a focus on green products and services;
- start-ups and spin-offs characterised by the products' sustainability;

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- the prediction of sustainable financial scenarios and the impact of sustainable innovations;
- the interventions on the production of goods and services designed for the application of circular economy in a local production context;
- the interventions on the production of goods and services designed for the application of the improvement of environmental quality;
- innovation and sustainability brokers;
- the execution and evaluation of studies on environmental impact, strategic evaluation and environmental risk, as well as the safety aspect and other activities related to this;
- the monitoring and management of recycling and waste treatment activities;
- Activities of ecological innovation and design;
- environmental cost-benefit analyses.

The second cycle degree course in Circular Economy allows access to the national register for Chartered Accountants and Expert Consultants according to the register's access procedures (section A).

Mechanical Engineering (LM-33)

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Teaching department

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The second level degree course in Mechanical Engineering of the University of Tuscia is structured so as to train graduates who are able to put together the competences of a mechanical engineer in a practical multidisciplinary environment that includes competences related to materials, new production, energy and environmental technologies.

The second level degree course in Mechanical Engineering is a natural completion of training for graduates of the Bachelor's Degree in Industrial Engineering. Therefore, the programmed training activities will be strongly oriented towards specialising in methodological and conceptual engineering subjects which were initiated during the bachelor's degree course.

In particular, issues relating to the design, production, and monitoring and control of both single mechanical

components of machinery and equipment, and major industrial processes will also be addressed through advanced analysis and project methodologies such as FEM, CFD and assisted drawing with a calculator. Moreover, students will be provided with the tools they need in order to address traditional as well as innovative conversion systems such as thermonuclear fusion, with a focus on the issues related to the design of methods to accumulate and transport energy. Apart from the compulsory subjects, language competences, a final dissertation and training students will be able to choose subjects related to one of two in-depth course of studies:

Main courses

The first group of courses is characterised by exams focussing on energy and mechanics, so that students are provided with the fundamental tools and methodologies they need to face such complex and innovative issues related to these areas.

As far as energy is concerned, energy conversion and the management of electricity are analysed in depth, with a focus on saving energy and minimising environmental impact through the use of alternative energy systems.

As far as the mechanics area is concerned, students will be able to gain in-depth knowledge of internal combustion engines, modelling and simulation strategies supporting planning and production, the development of technologies aimed at virtual prototyping and non-destructive measurement methods.

Related courses

The second group of courses is characterised by exams focussing on innovative mechanics and biosystem areas, so that students are provided with additional competences related to mechanical planning techniques or new competences related to engineering aspects related to the environment and biosystems.

The former area includes polymeric and metallic materials for use in additive production, so as to

acquire competences related to the planning and optimisation of products that are the result of additive manufacturing. The latter area is to do with hydrological, agro-forestry and agro-food issues, of strategic importance in the Italian social, scientific and industrial context. The course aims at training a mechanical engineer with a global professional profile that is useful for the job market, in the sector of hydrological and environmental monitoring, technological advancement for agriculture and the optimization of the agro-food supply chain industry.

Economics and communication for management and innovation (LM-77)

*Shared degree course with the Sapienza Università di Roma
Degrees in Economics and Business*

The second cycle degree course in Economics and communication for management and innovation is a shared degree course with the Sapienza Università di Roma and it aims at training professionals who are able to appropriately and autonomously manage the complexities of management and business communication processes in an innovative and international context.

The second cycle degree course complements the other LM-77 degree courses of the same level offered by this department. It offers continuity with the financial-business studies already available but it is unique for its strong multidisciplinary and international approach.

The didactic activity is entirely carried out in English at la Sapienza Università di Roma.

The degree course provides competences requiring advanced abilities aimed at planning strategies which are consistent with a competitive environment and implementing them through the traditional social science, communication, digital network and IT tools currently available.

The training programme includes a first semester that is aimed at cementing the financial-business and quantitative knowledge acquired during the three year

degree course and is followed by the development of specialised competences oriented towards the management and control of productive processes, technological innovation and the issues related to auditing and quality, including the legal aspect.

The second level degree course in Economics and communication for management and innovation offers a multidisciplinary approach that still requires an in-depth study of the specific areas of its founding disciplines.

The second level degree course in Economics and communication for management and innovation aims at training future civil servants and private sector high-level managers who are able to aptly deal with very up-to-date issues with the specific approach offered by a second cycle degree course in business and finance.

Graduates will have to:

- possess in-depth knowledge in business management, finance, law and maths-statistics so as to be able to face the complex issues related to business management with a focus on company management and on the most innovative aspects and issues, which are increasingly becoming part of company management;
- have to be able to rely on the knowledge needed to run and manage a business, especially in light of the ever-needed internationalisation of companies within the global market;
- be apt at coordinating and organising relations and communicative processes;
- possess the appropriate methodological knowledge needed in order to create and use data collection and analysis tools that will help them assess needs, opinions and behaviour trends within companies;
- possess specific notions about the effective use of technological innovations within companies.

The second cycle degree course in Economics and communication for management and innovation aims at training professionals who are able to:

- approach the company implementation of European legislation on the auditing and quality

- of the productive system with a systemic and consistent approach;
- possess an in-depth vision of the application of technology within state-run organisations as well as private companies.

The training programme includes a first semester that is aimed at cementing the financial-business and quantitative knowledge acquired during the three year degree course and is followed by the development of specialised competences oriented towards the management and control of productive processes, technological innovation and the issues related to auditing and quality, including the legal aspect.

The main objective of the second cycle degree course in Economics and communication for management and innovation is fundamentally a multidisciplinary approach that, because of the subject matter it deals with, also requires in-depth study within the specific aspects that characterise the course. The amount of individual study is outlined in the Regulations of the study course.

Political, International Security and Public Communication Studies (LM-62)

Cross-departmental degree course DISTU - DEIM

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Teaching Aims

The second cycle degree course in Political, International Security and Public Communication Studies offers a multidisciplinary approach to politics, finance, law, sociology and history. Thanks to a wide offer of course options, during the second year students can choose between two areas of specialisation:

- the area of public and political languages, communication mechanisms and the media system used by contemporary society;
- geopolitics and international security, relations between nations and the processes highlighting the emergence of political or military issues that outweigh national borders.

Career opportunities

The courses prepare students to become:

- Specialists in the management of the public administration
- Specialists in the control of the public administration
- Specialists in public security
- Specialists in public relations, image and similar roles
- Specialists in political science
- Advertisement copywriters

DEIM AND RESEARCH

With its 56 professors-researchers and over 30 PhD students and researchers, the department of Economics, Engineering, Society and Enterprise of the University of Tuscia carries out research at an international level in different areas such as economics and statistics, industrial engineering, legal studies, political and social sciences, agricultural sciences, historical sciences and English language.

The research activity ranges from basic to applied research, aimed at technology transfer and international, national and regional research projects to research on behalf of third parties.

DEIM boasts over 15 research groups as well as the Osservatorio Nuovi Italiani for the analysis of cultural identity and citizenship formation in youth, as well as 7 research workshops (industrial engineering, rapid prototyping, diagnostics and science of materials, MecHydroLab, social research and research on the economy of sustainable agricultural systems).

The DEIM Department cooperates with other universities and national research centres including CNR, CREA, ENEA, INDIRE and over 30 Italian universities as well as with international partners, such as the Max Planck Institute, SINTEF, New York University, Princeton, the University of Glamorgan (Wales, UK) and the Higher School of Economics of the National Research University (Russia), as well as with 45 European institutions within the Erasmus+ mobility programme.

International cooperation extends to wider European and international authorities (including FAO, UNESCO and NGO Differenza Donna).

DEIM is part of four Horizon 2020 projects, the Eurofusion programme, the Jean Monnet programme with a research laboratory on 'Mediterranean Europe in European Integration' and of over 20 nationally and regionally funded projects in the different scientific areas of the department.

As regards postgraduate activities, DEIM offers two PhDs:

- **Economics, Management and Quantitative Methods**, which maximises the knowledge of the professors in economics, management and

quantitative methods and organises training in three specialised study pathways: Economy and agro-food politics and Circular economy, which is collaborative and sustainable, and Economy and government in digital transformation.

- **Engineering for energy and environment**, aiming at providing an interdisciplinary view of engineering problems in the energy and environment sectors, characterized by cutting-edge technological development and offering two study pathways: *Energy and engineering systems* and *Biosystems and environment* (PhD in cooperation with the DAFNE department)

 WeDIBAF



DIBAF

DEPARTMENT FOR THE INNOVATION IN BIOLOGICAL, AGRO-FOOD AND FORESTRY SYSTEMS

Coordinator

Professor Giuseppe Scarascia
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Location

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The DIBAF Department is a multidisciplinary research and teaching unit aimed at scientific and technological innovation. The Department works on the processes of enhancement, the safeguarding and management of biological systems and forestry resources, food processing and safety, human health and chemistry for the environment and the local territory. The local territory is also taken into consideration for its knowledge values and for the importance of the management and restoration of its cultural heritage and landscape

Degree courses 2019 / 2020

The DIBAF Department of the University of Tuscia offers four different bachelor's degree courses, consisting of a three-year study programme leading to the first cycle degree, followed by four different two-year specialisation programmes, leading to second cycle degrees. A five-year single cycle degree program is also available.

Biotechnology (L-2)

General education

The course aims at giving students

- a good core knowledge of biological systems from a molecular, cellular and applied point of view, allowing them to acquire operational skills;
- the core cultural and experimental aspects of multidisciplinary techniques related to biotechnology operations for the production of goods and services through the analysis and use of biological systems;
- the subject-related methodologies and the skills to apply them in tangible situations with the appropriate knowledge of regulations as well as issues related to bioethics and code of conduct.

Career opportunities

The course prepares its students to work as biotechnologists, biologists and similar. Graduates can work in labs, health organisations or industries for anything related to the management of biological systems in order to create innovative products improving food, health and socio-economic conditions. Graduates can also work in biological research and the genetic modification of organisms or microorganisms, in the application of molecular techniques aimed at bio-monitoring and the protection of plant biodiversity and in the marketing of domestic products resulting from research activities. Based on DPR n. 328/01, graduates in Biotechnologies can enter the Junior Biologist national register (section B). The degree course allows students to obtain the qualification for the following regulated positions: agro-technical expert with a degree, agriculture biotechnologist and land surveyor with a degree.

The University offers students the opportunity to continue the second cycle degree courses in:

- Industrial biotechnology for health and wellbeing (LM-8), a new interdepartmental course of studies;
- Biology for the Safety and Quality of Agricultural Production (LM-7)
- Food Sciences and Technology (LM-70);
- Cellular and Molecular Biology (LM-6)

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Department for Innovation
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Teaching department

DIBAF Riello,
Largo dell'Università

Landscape Planning and Environmental Design (L-21)

Shared degree course with the Sapienza Università di Roma

Teaching Aims

This degree course is the result of a synergy between the former Agriculture faculty of the University of Tuscia and the Architecture faculty of Sapienza Università di Roma. The course aims at covering the growing national and European demand for highly competent technicians who are able to work innovatively and across different disciplines on critical environmental issues from a landscape, urban and socio-economic point of view. The course aims at educating professionals with strong cultural skills for the analysis, planning, management and promotion of rural, peri-urban and urban areas and with infrastructure, landscape and environmental planning.

Knowledge and competences

The theoretical, critical, interpretative, methodological and practical competences that these graduates acquire are the result of an interdisciplinary study plan perfectly integrating knowledge in different areas to allow graduates to be able to work straight away or continue their studies. Therefore, the course offered is focussed on the acquisition of knowledge in Earth Sciences, biological, agricultural and forestry systems, environmental sciences, city planning and landscape and on acquiring the methodological tools needed for planning the environment and the landscape.

This degree course has the Faculty of Architecture of Sapienza Università di Roma as its main didactic centre.

Career opportunities

The L-21 degree course allows access to the junior planning group of section B of the register of landscape planning and conservation architects and to the agriculture and forestry junior group of section B of the Agronomists and Forestry national register. The degree provides the necessary requirements to access the following second cycle degree courses: LM-3 (Landscape architecture), LM-48 (Environmental, urban and territorial planning) and LM-73 (Science and

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forestry and environmental technologies) or similar, as well as first-level master courses. Job opportunities are those envisaged in the Green Jobs.

Food Technology and Oenology (L-26)

General education

The course provides a sound interdisciplinary background in the food, food and wine and oenological sectors and it allows students to become professionals and technical experts with the skills needed to face a very dynamic and multidisciplinary sector (the food sector). The course aims at creating professionals who can innovatively and effectively work in food and wine production and consumption and who also know the main analytical methodologies needed to evaluate the composition, quality and safety of food and beverages. With a view to facilitate the acquisition of specific professional competences whilst allowing graduates to quickly enter the job market, lessons in class are combined with laboratory activities, educational tours, meetings with experts, a practical internship in a company and a final report which sees students apply their newly-acquired knowledge in order to interpret and evaluate a productive or research environment in the food, wine or gastronomic sector. The course has three professional paths:

- Food industries (technological);
- Food industries (gastronomic);
- Viticulture and oenology (oenological).

Career opportunities

This job-oriented course with a practical-application approach allows graduates to easily and quickly enter the job market. Food Technology and Oenology graduates mainly work in companies operating in oenogastronomy and the production, transformation, conservation and distribution of food and wine products and food ingredients at different levels. Their competences are also needed in order to support and integrate state-run and private organisations dealing

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with the analysis, certification and control of food and wine production and in the technical and operational areas of public administrative organisations. This course prepares students to become food technologists. The Viticulture and oenology curriculum is the only course at the University of Tuscia which, under law n. 129 of the 10th of April 1991 and its subsequent amendments, allows graduates to obtain the official qualification of Oenologists.

The University offers students the opportunity to continue the second cycle degree course in:

- Food Sciences and Technology (LM-70)

Gastronomic sciences, cultures and policies for wellbeing (L-Gastr)

*Shared degree course Sapienza Università di Roma
/ University of Tuscia*

Administration office at Sapienza Università di Roma

For further information: <http://corsidilaurea.uniroma1.it/it/corso/2019/30387/il-corso>

SECOND CYCLE DEGREE COURSE

Industrial biotechnology for health and wellbeing (LM-8)

General education

The second level degree course stems from the synergy of the DIBAF and DEB departments and from the need to complete the course offer in the biotechnology area and, in particular, in industrial biotechnology. The course aims at giving students a sound scientific basis allowing them to plan, produce and recover animal, plants, microbial and synthetic bioactive molecules for the cosmetic, cosmeceutical, nutraceutical and pharmaceutical sectors. Students learn the advanced scientific methods needed to study and develop extraction and characterisation processes of natural substances, the planning of new specific bioactive molecules, the identification of their pharmacogenetic and toxicological effect and the creation of biomolecular, bio-catalytic and microbiological systems which are of

fundamental importance in order to use biotechnologies in applied research, industrial production and services related to human health and wellbeing.

The course has two study areas:

- Biotechnological processes and products;
- Structural and functional characterisation of bioactive molecules.

The course includes 8 compulsory courses, 3 courses to be chosen among the 7 available ones (similar and supplementary sectors) and 12 CFUs from training activities chosen by the student (AFS, attività formative a scelta) who can therefore choose specific areas of individual interest. Moreover, there is a B2 English course and practical laboratory activities.

Competences

Second cycle degree graduates in Industrial biotechnology for health and wellbeing acquire the following competences:

- theoretical-practical competences in the molecular and genetic sectors;
- competences in omics sciences;
- theoretical-practical competences in the sector of microbial and fermentation biotechnologies;
- theoretical-practical competences related to techniques and instruments to carry out the structural and functional analysis of macromolecules and biologic molecules;
- Chemistry, biochemistry and molecular competences in order to obtain materials of biotechnological interest;
- general biotechnology competences aimed at the scientific and technological development and innovation;
- general sustainability and bio-economy competences.

Career opportunities

This strongly job-oriented course with a theoretical-practical approach allows graduates to quickly enter the job market. The course prepares students for highly specialised intellectual, scientific jobs such as:

- Biologists and similar jobs

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- Biochemistry experts
- Biotechnology experts
- Microbiologists
- Researchers and technical experts in biological sciences

Therefore, graduates in Industrial biotechnology for health and wellbeing can work in:

- State-run and private research institutes and universities;
- Research and development laboratories, production and quality control departments within biotechnology companies and other companies interested in biotechnological innovation;
- Biotechnological companies in the biomedical, cosmetic, nutraceutical, pharmaceutical and environmental sectors;
- Laboratories, testing centres and imaging centres;
- Organisations dealing with the organisation of patent legislation of bioindustry processes and products;
- Jobs related to national state exams in the healthcare industry, based on the requisites stated in article 2 of decree of equivalence with the second level degree course in Biology (LM-6) (D.l. 15/01/2013, published in the Gazzetta Ufficiale of 22 June 2013, n. 145);
- Self-employed professional (national register for biologists, following a successful state exams for the job of senior biologist, section A - DPR n. 328/01);
- Scientific knowledge and specialised printing sector.

Food Sciences and Technology (LM-70)

Teaching Aims

The second level degree course stems from the synergy between the DIBAF department of the University of Tuscia and the departments of Biology and Biotechnologies “Charles Darwin”, Environmental biology, chemistry and management of Sapienza Università di Roma. This shared degree course aims at

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providing graduates with the scientific, theoretical and practical basis needed in order to plan, manage, control, coordinate and train in the sectors of production, research and development, conservation, distribution and administration of food and beverages.

The course has two paths: Food sciences and technology (Viterbo) and Quality and promotion (Rome), with common activities in the fields of food technologies, food microbiology and food law that will be carried out during class for the University of Tuscia students and in synchronous e-learning for the students of Sapienza Università di Roma. Graduates in Food Sciences and Technology (food sciences and technology) are able to guarantee the safety, quality and healthiness of food products and processed food. They will also use innovative methodologies, Graduates are also able to monitor and describe the environmental impact of transformation and conditioning processes related to food, and therefore they are able to manage environmental certification processes and promote good technological and/or process innovation and packaging practices to mitigate the effects of climate change.

Graduates of the Quality and promotion curriculum, available in Rome, have the necessary competences to be active participants in the planning and carrying out of research activities aimed at promoting food products. The course includes 12 exams allowing students to acquire the scientific and methodological knowledge needed by those who wish to work in the food industry. Thanks to the freedom available to students who are planning their course of study, to the credits for similar and integrated activities and to the credits students choose freely, food technology graduates have the opportunity of completing their studies based on their individual interests and on strengthening their cultural and professional weaknesses. The course's administrative management for academic year 2018/19 is carried out by Sapienza Università di Roma.

Knowledge and competences

The Master of Science in SIQUAL, Agro-Food Safety and Quality curriculum, is intended to prepare LM-70 graduates with:

- possess a solid basis of theoretical and practical knowledge related to the control of the chemical and microbiological quality and food safety;
- possess knowledge and competences in innovative technologies for the conservation and transformation of food and in sensory analysis;
- can manage and optimise food industry processes in terms of environmental sustainability and compatibility and can create and carry out research projects and industrial development;
- possess the appropriate professional knowledge and abilities to carry out complex activities of coordination related to the agricultural sector.

Career opportunities

Graduates will be able to work in food companies and in businesses related to the production, transformation, conservation and distribution of food, in the companies involved in large supermarket chains, in state-run and private organisations that plan, analyse, control, certify and carry out scientific research for the protection and promotion of food production, in training organisations and as self-employed professionals, with particular reference to process and product innovation in the food industry, optimisation of conservation and transformation processes, in production processes related to packaging and additives for the food industry, in the development of research and industrial development projects, in the creation of innovative techniques aimed at the evaluation of the quality of finished products and its related health and safety aspects, in the design of new distribution strategies, in the evaluation of the environmental impact and in the creation of strategies aimed at reducing the main impact categories. Food Sciences and Technology graduates will be able to contribute to the innovation of food businesses and to the development of new 4th range products in order to establish new products with stringent specifics, easily recognisable by consumers and therefore able to compete in our global market.

Graduates of the Quality and promotion curriculum are skilled in mastering food-related technological platforms and in writing or taking part in business development

and area development projects. This course prepares students to become food biotechnologists. Graduates of the second level degree course in Food Sciences and Technologies will be able to access the state exam to obtain the qualification to practice the profession of food technologist.

Forestry and Environmental Sciences (LM-73)

The second level degree course of Forestry and Environmental Sciences stems from the need of having a second level degree graduate whose knowledge and experience allow him or her to operate at a management or coordination level in the sustainable management of forestry resources and in the development of rural and mountain areas, with a focus on the peculiarities of the Mediterranean environment, the planning and management of environmentally friendly infrastructures in urban areas aimed at mitigating environmental issues, and in innovative operational areas where an in-depth knowledge of forestry is required. The highly multidisciplinary character of this course helps graduates enter the job market or continue their studies in the research and development sectors with a PhD.

Skills and knowledge

The course offers three curricula in English that were developed in cooperation with other foreign universities and with the issuing of multiple degrees, with the aim of offering a common basis that is oriented to different environments and professional experiences.

- The Forests and Environment curriculum is the main course of studies and it follows on from a professional profile with strong competences. The course is taught at the Viterbo Campus.
- The Mediterranean Forestry and Natural Resources Management (MEDfOR) curriculum, awarding multiple degrees, aims at welcoming students from the whole world. This is possible thanks to the financial support of the European Erasmus + programme; the course is aimed at students from

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the whole world who would like to deepen their competences in the sustainable management of Mediterranean forests; the first year courses take place in Lisbon (PT) or Lleida (SP). For further information on admission and for other information, please visit www.medfor.upeu.edu

- The Management and design of Urban Green Infrastructures (UGI) curriculum, awarding a double degree thanks to a convention with the Peoples' Friendship University of Russia (Moscow), aims at providing the competences needed to operate in the sector of environmentally friendly infrastructures in urban areas aimed at mitigating environmental issues.

The first-year courses take place in Moscow, while the second-year courses take place in Viterbo.

The work needed for the final dissertation can be carried out at DIBAF or at the other partner universities (Universities of the MEDfOR group and PFUR Moscow). The course also includes internships in external / foreign institutions through the ERASMUS+ programme.

Landscape architecture (LM-03)

Shared second level degree course

University of Tuscia & Sapienza Università di Roma

Teaching Aims

The second level degree course in Landscape Architecture is the second part of the shared degree course held by Sapienza University of Rome and the University of Tuscia for the training of landscape and project experts using cultural, technical and methodological tools at any level and in different situations, in special places as well as ordinary places. Graduates are competent in the analysis, the planning and the management of parks, gardens and open spaces, both public and private.

Graduates are experts in the conservation, restoration and upgrade of parks, gardens and historical landscapes, the drafting of landscapes, the upgrade of landscape in run-down or abandoned areas, the prevention of environmental risk, the creation of

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infrastructure networks within the landscape, the analysis and evaluation of environmental impact studies, rural and forestry landscape, agricultural production and rural tourism.

Knowledge and skills

Just like a cinema director, a landscape expert uses a wide range of abilities acquired through an interdisciplinary approach. He or she combines the knowledge about project planning with biological, agro-forestry and Earth Sciences competences aimed at improving the living and landscape environment, with knowledge related to humanities, as well as social and geographical sciences in order to combine society and landscape.

This shared degree course is held at the Faculty of Architecture of Sapienza Università di Roma.

Career opportunities

Graduates can carry out these activities as freelancers, consultants, coordinators, within projects promoted at a state-run and private level, or as civil servants within projects related to landscape promotion.

Graduates can register as professionals within the 'Ordine professionale degli Architetti, Pianificatori, Paesaggisti e conservatori - OAPPC) (The Order of Architects for Landscape and Preservation), Section A, sector C (landscaping) following the successful sitting at the State Exam.

This degree also allows graduates to access Section A of the 'Ordine dei Dottori Agronomi e Dottori Forestali' (Order of Qualified Agronomists and Forestry Experts) (ibidem, art. 12, c. 2).

FIVE-YEAR SINGLE CYCLE DEGREE COURSE (LMR-02)

Conservation and Restoration of Cultural Heritage (LMR-02)

Allows graduates to work in the sector of Restoration of cultural heritage (as per D.Lgs. 42/2004)

Educational goals

The single cycle Conservation and restoration of cultural heritage degree course (LMR-02) qualifies graduates to practice the profession of cultural heritage restorer. It is made up of a balanced number of theoretical-methodological courses and technical-didactic diagnostic, conservation and restoration courses carried out in the laboratory and in excavation sites. These are mainly carried out in original contexts and on original manufactured products. The course is accessed through tests and it ends with a final exam. The study plan offers a historical, scientific and technical foundation, a correct methodological approach, a high ability to recognise, criticise and diagnostics, a sound practical basis as well as intervention and management abilities. Graduates will be required to possess a good level of responsibility, the commitment to acquire a cultural conscience, appropriate communicative competences and a desire to keep up to date. The course aims at teaching students a strong commitment to research and experimentation thanks to an excellent ethical and professional perspective focussed on the respect and care for the environment and cultural heritage, with a view to it being passed onto future generations.

The LMR-02 course represents a significant enrichment of the cultural offer and of the specialisations related to cultural heritage. The course offers a historical and scientific basis through comprehensive teaching workshops including two courses devoted to "Stone materials and its derivatives: decorated surfaces in architecture" (murals, mosaics and stuccoes) and to "Painted artefacts on wood and fabric" (artefacts carved in wood; furnishings and wooden structures; artefacts made of synthetic materials, assembled and/or painted). By combining knowledge in different areas, this is a wide-scale course including history, theory and methodology

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and opening up to new training strategies aimed at protecting and promoting the considerable Italian artistic historical heritage.

Job opportunities

The degree course qualifies graduates to practice the profession of cultural heritage Restorer.

Graduates will work as cultural heritage restorers with decisional powers related to their technical competences, working directly and indirectly to increase knowledge and avoid the deterioration of cultural heritage, thus guaranteeing its transmission to the future.

Job opportunities

- Institutions belonging to the Ministry of Tourism and Cultural Heritage (museums, libraries and more);
- state-run and private restoration laboratories;
- private organisations working in diagnostics, conservation and restoration;
- universities and state-run and private research organisations.

DIBAF AND RESEARCH

The Department for Innovation in Biological Systems, Agro-Food and Forestry is a multidisciplinary research and teaching unit that aims to promote scientific and technological innovation in the sectors of: agro-food, environment, forestry, landscape and cultural heritage. They are different disciplines but they share complementary and integrated scientific approaches, from chemistry and biology to food, animal, industrial and environmental biotechnology, supporting the eco-sustainable management of biological, agro-food and forestry systems.

The Department also promotes research for landscape planning and design and for cultural heritage conservation and restoration, combining scientific and humanistic competences. DIBAF can be defined as a knowledge and innovation lab offering a study program capable of meeting today's environmental and global economic challenges, and aiming at contributing to the development of a more ecologically and economically sustainable society achieving low greenhouse gas emissions with the use of bio-resources. In the last 2016 ANVUR report on the Quality of Research of Italian Universities and Departments, DIBAF gained a flattering evaluation, being classified as the first department of the University of Tuscia and among the first over seventy departments of agriculture, biotechnology and the environment of all Italian Universities, including larger ones and with much older traditions. The scientific objectives of the Department are aligned with the strategic objectives of the University, above all: the improvement of research quality and excellence, and an increase in the level of innovation and technology and knowledge transfer of scientific results with spin-off companies.

 WeDISTU



DISTU

DEPARTMENT OF LINGUISTIC AND LITERARY, HISTORICAL, PHILOSOPHICAL AND LEGAL STUDIES

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The Department's research and teaching focus primarily on the aspects and the dynamics of the institutional, historical, linguistic and cultural European identity through a whole range of subjects, methodologies and different and interpretative perspectives. The variety of disciplinary methods is critical to this programme. Methods include the analysis and dynamics of the institutional cultural European and global environment, using a variety of investigative techniques and different perspectives, with a focus on issues relating to the knowledge of archaeological, historical and artistic heritage. The expansion of the internationalization of research, in line with measures implemented for years by teachers of the Department, strengthens relationships with research groups working in the same directions in Italy and abroad. The Department also fosters the study for the protection and promotion of the local, national, European and international archaeological and historic-artistic heritage.

Degree courses 2019 / 2020

The programmes offered by the DISTU Department include five different study opportunities in the areas of languages, law, political communication and cultural heritage: one three-year, three second level degree courses, and one single-cycle postgraduate course.

DEGREE COURSES

Modern Languages and Cultures (L-11)

General education

The undergraduate programme in Modern Languages and Culture (L-11) aims to equip graduates with an intercultural education in response to the needs of contemporary, social and professional society, with particular attention to relations between Europe and the rest of the world. The three study plans available allow students to build their own customised study plan by taking the 19 exams of the three-year course in the linguistic-cultural areas that interest them the most: the degree course offers three-year or two-year programmes in French, English, Portuguese, Spanish, German, Arabic, Chinese and Russian (the courses include literature exams and philology exams). As a student you can then enhance your skills and interests with studies that focus on general and Italian linguistics, contemporary history, humanities oriented computer studies, law and economics. All courses offer materials for distance learning on the teaching platform UniTusMoodle, which allows students to interact with the teachers via the Internet and access exercises and other teaching tools designed for individual study.

Career opportunities

Graduates in Modern Languages and Cultures possess the skills and competences needed for various jobs:

- socio-linguistic-cultural expert in multiracial and multicultural contexts (for companies or governmental organisations);
- language executive working in cultural tourism, as well as cultural, social and extension services;
- language executive in charge of the company-client communication in an international context.

Graduates can access the linguistic and cultural mediation second level degree courses.

The degree in Modern Languages and Cultures offers students the opportunity to continue the second cycle degree course in:

- Languages and Cultures for International Communication (LM-37)
- Political, International Security and Public Communication Studies (LM-62)

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SECOND CYCLE DEGREE COURSE

Languages and Cultures for International Communication (LM-37)

General education

Graduates will have in-depth methodological and theoretical-scientific competences in two foreign languages with complete fluency and with a high level of understanding of the cultural universe which the two languages represent. The degree course allows students to acquire competences they will be able to use in the sectors of intercultural mediation, translation and text management. Graduates will also be able to use the essential IT and telematic tools for text management and linguistic and cultural mediation.

Job opportunities

This course prepares students to become

- PR specialists, including work for public and private organisations as well as Italian and foreign cultural institutions;
- writers of technical texts;
- advertising executive;
- translator and intercultural mediator;
- organiser of intercultural events.

Curricula

The second level degree course allows students to choose one of two curricula:

■ **Literature and civilisation**

Allows students to acquire in-depth competences in the literature of the different languages and in their possible historical and social links.

■ **Cultural activity and production**

Includes the integration of competences in literature and in languages with competences related to the organisation of integrated activities and cultural productions with IT resources.

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Political, International Security and Public Communication Studies (LM-62)

Interdepartmental degree course DISTU - DEIM

Teaching Aims

The second level degree course in Political Science, International Security and Public Communications offers a multidisciplinary approach to the themes of politics, economics, law, sociology and history.

Thanks to a wide offer of course options, during the second year students can choose to specialise in one of the three specialisation areas giving access to two curricula: Political and public communication sciences and Internal and international investigations and security

- the area of public and political languages, communication mechanisms and the media system used by contemporary society;
- the area of geopolitics and international security, for example, relations between states and the processes that signal the emergence of political or military issues which transcend national borders.
- the area of internal security, where the national and international risk factors are analysed from a juridical, financial and socio-historical point of view.

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Career opportunities

The training programme of the degree course in Political Science, International Security and Public Communications leads to two very precise cultural and professional profiles:

- the profile of operator and senior expert in political science, with employment opportunities in public and private administrations, both national and international; in political institutions and public and private associations, in governmental and non-governmental organizations, public and private companies that operate internationally in the field of security;
- the profile of consultant in the management and production of public communications, with employment opportunities in national and

SECOND CYCLE INTER-CLASS DEGREE COURSE

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international governmental institutions, consultancy firms, in political parties and associations, in the communications offices of government and public organizations, private companies, the press offices of the newspapers, radio and television, journalistic radio and television; as well as in on-line marketing and communications offices of public and private companies.

Archaeology and History of Art Protection and promotion (LM-2 / LM-89)

Educational goals

The second cycle inter-class degree course in Archaeology and History of Art aims at providing students an interdisciplinary course and make them experts in the archaeological and historical-artistic heritage. Starting from their existing knowledge of different issues related to the cultural heritage, students will acquire theoretical, historical and critical-methodological competences in the different areas and chronological contexts related to art development. Students will also acquire skills related to the conservation, management, promotion and protection of the archaeological and historical artistic heritage and of the institutions working in this area. The course offers two options: the archaeological option and the historical-artistic option. The aim of the archaeological option is that of providing graduates an advanced training in archaeology that is supported by a solid foundation in history, philology and history-art of the ancient world, both in terms of methodology and in archaeological techniques. The course offers archaeological knowledge in the classical world but also in the prehistoric, protohistoric and medieval periods with a focus on etruscology, topography and numismatics. The degree course offers the full acquisition of specific knowledge and competences related to excavation and archaeological field survey, the interpretation of written sources and the reading and critical interpretation of historical-artistic elements. The historical-artistic and promotion and protection of

the artistic heritage second cycle degree course meets the needs of the job market, which is more and more oriented towards interdisciplinary cooperation between art historian, conservators, scientists and restorers ensuring the correct interventions are carried out when protecting our historical and artistic heritage. The degree course includes teachings related to the main subjects which will guide students in their choice of more specific study plans. Because the areas are vast, complex and necessary for the study plan, some of the scientific areas that are distinctive of this course will also be included in the similar and integrated subjects. Frontal lessons may be complemented by writing practice, small-group workshops overseen by the professors, laboratory activities, didactic visits to sites that are interesting from a historical-artistic and archaeological point of view (museums, art galleries, foundations, archaeological sites and more).

Job opportunities

Graduates can work with a high level of competence in museums, governmental agencies, specialised libraries (archaeology and history of art), local organisations and institutes working in the area of research and promotion of the archaeological and historical-artistic heritage. Archaeology graduates can work in high-responsibility roles in such sectors as:

- scientific institutions such as universities and research
- organisations; governmental agencies, museums at a national, regional and local level;
- the management of organisations and study unit, the research and protection of the historical-archaeological-documentary heritage in state-run and private organisations and institutions;
- companies, cooperatives and other private groups cooperating in all necessary activities, from excavations to public use with the organisations in charge of protecting the archaeological heritage;
- publishing, advertising and other media specialised in the archaeological sector.
- Graduates in History of Art and in the promotion of the historical-artistic heritage can be employed for:

SINGLE CYCLE DEGREE COURSE

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- high responsibility roles in state-run institutions (governmental agencies, museums, cultural centres, local, national and international organisations) as well as private ones (art galleries, cultural foundations) that study, classify, protect, preserve, promote and manage the historical-artistic heritage, plan the documentation, carry out inspections and appraisals, set up exhibitions and work in museum education;
- publishing, advertising and other media specialised in the historical-artistic sector.

Graduates of both courses can also move onto PhD, specialisation and master's degrees and work as specialised consultants in the cultural and communication sectors.

Law (LMG - 01)

General education

The second level degree course in Law offers a solid, comprehensive and balanced foundation in law, with the aim of training the future country leaders in the industrial, governmental organisations, professional and research sectors.

In particular, this degree course aims at:

- giving students an interdisciplinary legal training that is focussed on Europe and has an international perspective;
- providing students a good institutional preparation combined to a didactic methodology that strengthens analysis and case-study thanks to the cooperation of professionals who already work in different sectors (judges, lawyers, public administrators; directors of the legal offices of small and medium-sized businesses and more).

This knowledge allows students to understand and interpret legal rules, their evolving dynamics and their interactions with the social and institutional framework. The second level degree course in Law also offers the intellectual tools students need in order to write texts, documents and legal acts using the IT and language skills, especially their skills in the English language, they have acquired during the course of their studies. Students can spend some time abroad thanks to the

Erasmus+ programme, the USAC initiatives and the 'international semester', which started in 2018. During this semester, some subjects are taught entirely in English.

Job opportunities

The second level degree course in Law gives graduates the knowledge, skills and qualifications needed to continue studying after their degree with a master's degree or a PhD or to start working straight away.

The degree in Law allows graduates to become judges, lawyers and notaries after passing the national tests and to work in companies and private businesses, state-run organisations, national state-run or international institutions and the European Union.

The degree course includes law workshops aimed at strengthening the students' abilities to analyse legal texts and regulations and develop their legal argumentative skills. By taking part in the workshops, the 'international semester', the legal training and other external workshops, students can accumulate the credits they need for "other training activities".

DISTU AND RESEARCH

At DISTU, research is organized into five main areas: Modern Foreign Languages and Literatures; Linguistics; Law and Legal Studies; History and Philosophy; Archaeology and History of Art. Each area includes sub-fields of research pursued by single researchers or small research groups. These are often involved in nationally and internationally funded, competitive research projects (PRIN, FIRB, ERA). Research outcomes include studies, exhibitions, archaeology excavations, translations, critical editions (in Italian and foreign languages), international journal articles, books and digital editions.

The scientific activities of DISTU focus on institutional and cultural European identity. The department's scholars work on economic, political and intellectual history, on language diachronic and synchronic aspects, on the literary and cultural production from the Middle Ages to Contemporary history, on the main trends of philosophical thought, on institutions, traditions, legal theories and practices, cultural heritage knowledge

aimed at its protection and promotion. The above-mentioned areas are analysed both in terms of their evolution within European societies and within wider geographic boundaries embracing the Mediterranean and non-European societies and cultures.

DISTU is one of 180 Italian Departments of Excellence which will receive extra funding for five years for an innovative research project. The list of winning projects was written at the end of 2017 by ANVUR (Agenzia Nazionale di Valutazione del sistema Universitario e della Ricerca), the Italian agency for the evaluation of the university and research systems. The list was published by the Italian Ministry of Education, Universities and Research on 10th January 2018 (<http://www.miur.gov.it/web/guest/dipartimenti-di-eccellenza>).

DISTU's Excellence Project (Progetto di Eccellenza) has been a contender in the sector of legal sciences and it has capitalised on the interdisciplinary nature of this department. DISTU is the only department in Italy that combines the historical-philosophical sciences, languages and literature, linguistics and the historical-artistic sciences with the law. Therefore, the project has become a common point of reference for the study of the European institutional and cultural environment. In the next five years, research projects will focus on European convergence and integration processes over the course of several centuries. Research will be linked to the political-institutional and legislative areas (regulatory traditions and the impact that European and international law have on Italian law) as well as on the cultural relationships in Europe (from language connections to intellectual and philosophical connections, from art to religion).

 WeDISUCOM



DISUCOM

DEPARTMENT OF HUMANITIES, COMMUNICATION AND TOURISM

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The Department of Humanities, Communication and Tourism (DISUCOM) is an interdisciplinary research and teaching centre in the heart of the city of Viterbo, in the Santa Maria in Gradi historical complex. The department promotes a fundamental cooperation between humanities, archaeology, history and art and digital communication, with a focus on orientation and liaising with schools, the local territory and its culture and tourism vocation.

Degree courses 2019 / 2020

The programmes offered by the DISUCOM Department of the University of Tuscia include three three-year degree courses, two second level degree courses and one high-level training course in humanities, digital communication and cultural heritage.

Humanities (L-10)

General education

The degree course in Humanities aims at guaranteeing graduates a good interdisciplinary level of knowledge tailored to the most diverse needs of the contemporary social world. The course aims at students acquiring critical knowledge of the cultural products of human beings in the different time periods: the languages and the other communication codes, literature and the other arts, history and the territory as something real shaped by man. The course guarantees that graduates will master written and spoken Italian, with good practical skills in the different areas and specific sectors (cultural, communicative and professional), a good knowledge of a foreign language and the ability to use the IT communication tools in the operational areas of the areas of expertise. The course also includes internships and training courses in state-run and public organisations, as well as training courses providing the university credits needed for the 'other training activities' and divided according to professional categories. While there is a common core, the course allows for two curricula with specific learning objectives:

- **Linguistic, literary and historical studies:** this course offers several linguistic-philological, literary and historical subjects. These include such areas as the classical and the contemporary age and their respective cultures, Italian, European and non-European traditions and civilisations. The course aims at giving students the competences they need to work in communication, the service industry and the cultural production sector.
- **Modern literature, arts and entertainment:** this course offers several historical-artistic, and entertainment subjects, geography, sociology, communication and modern languages and culture. The course aims at providing a general methodological training and the knowledge needed to work in event planning, both in terms of the organisation of artistic and cultural activities and in the promotion of historical monuments as well as of the artistic and environmental heritage.

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Job opportunities

Graduates in Humanities can work as cultural executives, cultural tourism executives, press officer, internal communication manager, editorial manager and more. Graduates can work in state-run and private institutions and organisations promoting and organising events in the culture, art, entertainment and tourism sectors; in the management of cultural goods and products (libraries, archives, foundations, study centres); in digital and traditional publishing, cultural journalism, advertising and in companies producing goods or services that need employees with a good knowledge of humanities in some of their departments (for example, PR); in study offices and press offices within state-run and private companies; in consultancy related to the relationship between the people and the territory. The degree in Humanities allows graduates to access specialised second level degree courses aimed at teacher training in accordance with current regulations. The DICUCOM department offers students the opportunity to continue the second cycle degree courses in Modern Philology (LM-14) in its two courses (1. Philology; 2. Science of Letters and of Multimedia Communication). Workshops: Latin language, creative writing, argumentative and digital writing, audio-visual images, theatre, Greek language, internal areas.

Communication, Technology and Digital Culture (L-20)

General education

The degree course in Communication, Technology and Digital Culture aims at providing students with a fundamental set of knowledge in digital, media and social network communication, as these make the Internet the strong driving force of socio-economic and industrial development. Students will learn to understand the theories and models of the new media languages and they will acquire the organisational and industrial competences needed in the communication sector following the impact of new digital technologies. The course aims at bringing together all the

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different disciplines in order to look at the creation and management of different types of content autonomously and in an interdisciplinary way. Graduates will therefore be able to independently manage and build the basis they need to naturally continue studying for the specialised degrees. The project aims at developing the role of “digital communicator”, someone who is able to conjugate a solid knowledge and solid competences with an interdisciplinary profile following at least four areas: humanities, media sciences, political and legal, technology and economics). Students will also possess competences related to the empirical reasoning and developed with the support of laboratories and Italian media companies with a cutting edge profile in terms of digital development. The study plan includes the integration of the technological and humanistic sectors with the aim of providing graduates with new skills in planning and its practical application. The course sees the cooperation with the Gruppo Espresso, with internships for the most deserving students.

Career opportunities

The course aims at developing the communicative, technological, IT and language competences a digital communicator needs. Graduates will be able to manage their technological competences as well as complex and rich cultural profiles, to integrate old and new technologies, to share their knowledge and create networks by creating multimedia content.

The ‘communicator’ must be able to create his or her own startup, work in consultancy, in media companies, in state-run organisations, in technology companies focussed on digital media. The following is a list of some professional roles these graduates can cover: cultural executive and event manager, media production executive, internal and external communication manager, PR and press manager, specialist in image and PR, digital communication writer and expert.

The University offers students the opportunity to continue the second cycle degree courses in Digital Information (LM-91) and Modern Philology (LM-14). Science of letters and of Multimedia; Political,

International Security and Public Communication Studies (LM-62) and Marketing and Quality (LM-77), provided that students meet the following requirements:

- from 8 to 16 CFUs in the SSD SECS-P/08;
- at least 8 CFUs in the SSD SECS-P/01 or SECS-P/02;
- at least 8 CFUs in the SSD SECS-S/01 or SECS-S/03;
- from 8 to 16 CFUs in the SSD SECS-P/07;
- from 8 to 16 CFUs in the SSD IUS/01 or IUS/04.

Science of Cultural Heritage (L-1)

Teaching Aims

A bachelor's degree in Heritage Studies (L-1) offers a study pathway aimed at giving basic knowledge and teaching good methodological practices in the field of heritage studies, with particular reference to archaeological and historic-artistic artefacts. The course also aims at developing and promoting the idea that the knowledge, promotion and protection of cultural heritage nowadays requires a multidisciplinary approach. The course includes a good and stable core training through history-based, archaeology, historic-artistic, documentary and philology-literary subjects and it continues on with the acquisition of law and management knowledge about cultural heritage. The course also includes some subjects aimed at improving competences in written and spoken Italian and of one other European language.

The course also includes a few useful technical-scientific disciplines aimed at improving the knowledge, protection and promotion of the cultural heritage. The Science and Cultural Heritage study plan also includes national and international internships aimed at the acquisition of the technical competences needed for direct interventions: in archaeology, with excavation sites, topographic reconnaissance, the classification of archaeological findings and their museal display, informative and exhibition activities; in the historic-artistic sector by inventorising and cataloguing works of art, taking part in the organisation of exhibitions, providing support for the planning, implementation and management

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of museum, art galleries, archives and libraries. At the end of their course of study, graduates possess the fundamental methodological and knowledge tools they need for the above-mentioned subjects. Without delving into the extremely specialised content of second level degree course, this degree course forms the basis and provides the knowledge needed to access a higher level of studies in other Italian institutions as well, depending on the specific skills of each student.

Career opportunities

The professional activities of graduates in Science and Cultural Heritage can be carried out in:

- universities and state-run and private research organisations involved in the management and upkeep of our cultural heritage
- Institutions belonging to the Ministry of Tourism and Cultural Heritage (museums, libraries and more);
- societies, cooperatives and foundations operating in the cultural heritage sector.

Graduates of the three-year degree course in Science of Cultural Heritage (L-1) can work on archaeological excavations, on writing archaeological maps, on cataloguing archaeological and historical-artistic artifacts, on managing museums, organising exhibitions and carrying out the related communication activities; they can also support research activities. The University offers students the opportunity to keep studying with a second level inter-class degree course in Archaeology and History of Art. Protection and promotion (LM-2 / LM-89) if students possess specific requisites.

SECOND CYCLE DEGREE COURSE

Modern Philology (LM-14)

Teaching Aims

A master's degree course in modern philology will enable students to specialize in the study of literature and communication and to consolidate their knowledge of linguistics, philology, and of traditional and digital media studies. The degree course provides specialised training in the language, literary and communication

sectors, including multimedia communication. It allows students to focus on the study of the Italian language and literature, of language and philological sciences and on multimedia languages also taking into account the historical, philosophical, anthropological, sociological and cultural situation.

The degree course provides a solid foundation on the communication process, on the mechanisms related to production and communication and on the problems emerging from the new channels for the transmission of contemporary texts. Students are required to pass 10 exams (8 credits each). Thanks to the possibility of organising his or her own study plan, the student can plan it based on a specific cultural project and personalise it. The degree course has credits related to similar and integrated activities, free choice credits and further training activities.

The second cycle degree course in Modern Philology allows students to specialise in the study of letters and communication, with in-depth study in the fields of linguistic and philological science and in the traditional and digital media.

The degree course's general objective is that of preparing a graduate who can work in publishing, advertising, research, the organisation and management of cultural events, digital and traditional communication and training.

Career opportunities

- Cultural official - responsible for the organisation of cultural bodies and activities (museums, exhibition), for the planning and coordination of projects, activities and research in the linguistic-cultural sector and in the realm of linguistic and integration policies, at a European level, too;
- digital communications manager - who creates, produces and manages web content;
- writer - who writes in the publishing and advertising sector;
- lexicographer - who coordinates projects and activities related to the writing of dictionaries and such similar projects by cooperating in the put into practice of projects, carrying out research and

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- surveys and compiling words and entries;
- literature teacher - a professional who can teach literature provided he or she chooses the disciplines required by law for each type of teaching and completes the teacher training programme as required by the current laws.

Graduates will possess the skills required in order to work in publishing, advertising, communication, research, the organisation and management of cultural events and training. They will be able to work in specific institutions such as state archives, libraries, supervisory state organisations, cultural centres and foundations. They will also be able to work in research organisations and units within state-run and private centres and institutions, both in Italy and abroad. The LM-14 second-level degree course further gives students the best foundation to continue a more advanced type of university study, such as a research doctorate, or a second-level master's degree at the specialisation schools.

Digital information (LM-91)

Teaching Aims

The second-level degree course in Digital Information is an interdisciplinary course which aims at providing scientific knowledge and technological competences for the production and management of content and information in digital environments by connecting them with knowledge in humanities. The course's general aim is preparing graduates with high-level technological and IT competences who are able to operate in an interdisciplinary way for the management, planning, promotion and use of information and communication and who can come up with solutions to complex problems in a digital and cross-media environment. The course aims at preparing professionals who are able to apply innovative solutions in digital technology and networks and who possess the required competences in the commercial, socio-organisational and regulatory areas of the cultural capital that is at the centre of the information society.

The three subject areas included in this degree course are: IT and technology, media sciences and humanities. The course provides specialised training in these different areas, allowing students to get familiar with methods of research, production and organisation of information, recognise and identify the most effective IT tools for the treatment of information and to identify the issues related to the systems' safety and reliability.

Career opportunities

This second cycle degree course prepares students to work in the communication and content management areas, for private companies, media companies, state jobs and highly technological institutions who operate in the following sectors: web, editorial, audiovisual and software. Graduates are able to:

- plan communication environments and services, geographic informations systems (GIS) and open data
- manage communities and social media
- manage online promotional campaigns and branding
- deal with storytelling, storymaps, cross-media journalism support and data journalism
- provide museum information and multimedia/audiovisual production, content management.

The related competences are: project management of the information and cultural content production processes; analysis and data control and platforms for knowledge management; control and management of network communication for businesses and public administration; promotion of business and institution innovation; management of text-based, multimedia and interactive content in digital environments; management of museum information content; creation and implementation of mobile and app products for information and cultural content; management of the digital marketing strategies and online presence for businesses and institutions; information planning in the cultural and environmental sectors.

Graduates will have significant opportunities to meet the reality of the job market through pre-existing cooperation initiatives that the Humanities, Communication and Tourism Department (DISUCOM)

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has with businesses, state organisations and institutions operating in the digital communication sector. Some of these are the Repubblica/L'Espresso, Vetrya, Sky, Skylab Studios, Il Fatto Quotidiano, Archeolibri and more. They are interested in working with professionals possessing more in-depth competences compared to graduates of the three year degree course.

The second cycle degree course represents the natural continuation of the three year degree course in Communication, Technology and Digital Culture. It provides further specialisation to graduates of the first cycle degree cycle. The training offered by this course allows graduates to continue their university studies at a more advanced level (PhDs, specialisation schools, second-level master courses).

Study plan

Students have to take 11 exams providing 8 credits each and obtain 12 CFUs for further training activities and 20 CFUs for writing the second cycle degree course dissertation, for a total of 120 CFUs.

DISUCOM AND RESEARCH

Since 2011, the Department of Humanities, Communication and Tourism (DISUCOM) has been conducting research in the fields of humanities, digital communication and archaeological and historical heritage.

Involved in national and international research networks, DISUCOM researches and builds multidisciplinary models applicable to different social realities using new media and transmedial languages. These are fundamental to meet the current global communication needs and increase territorial development capabilities.

The research areas in the Department are:

- Media Studies;
- Computer Science;
- Modern and Contemporary History;
- Modern and Contemporary Literature;
- Linguistics and Philological Studies;
- Business and Legal Studies;
- Social Studies;
- Art and History.

In order to strengthen the integration of the different skills, four lines of research have been recently identified in the Department involving researchers from different disciplines. They represent the main objectives of DISUCOM research for the next two years: These are:

- Travel, meetings and memory in Central and Mediterranean Europe;
- Massive data analysis in humanities, as well as in the social, economic, historical and geographical sciences;
- Food, Nutrition, Culture, Society and the Arts;
- Institutions, Business Organizations and Legislation.

 **Note**

A series of horizontal dotted lines for writing notes.

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