

UNIVERSITA' DEGLI STUDI DELLA TUSCIA

ECTS GUIDE

ACADEMIC YEAR 2005/2006

THE RECTOR'S WELCOME

Tuscia University no longer ranks as a small University, but has taken its place amongst Italy's medium size Universities. This is not to be seen as a point of arrival, however, but as one of the stages in the evolution which is rapidly taking hold of the University. It was made possible by the combination of a number of factors: exceeding the 11,000 mark of enrolled students, the increasingly targeted and appreciated specificity of the courses on offer; living in a student-friendly cultural city like Viterbo, the excellent student to teacher ratio, and the availability of 20 new three year degree courses with *curricula* which are capable of meeting the needs of an increasingly demanding labour market. The full application of the new "3 + 2" formula in all of the six faculties of Tuscia University is in keeping with the teaching, cultural and professional homogeneity which increasingly characterises the United Europe. It is precisely this increased awareness of international cultural expansion, the attention for high-level cooperation with other Universities, both European and global, and the interest in finding exchanges with other similar teaching systems, that has traced the rise of Tuscia University over the last few years. A great deal of work has been carried out, at all levels, both by administrative and teaching staff, in order to give a new impetus to international relations. Something which has always been seen by students and researchers as an invaluable endorsement of the skills acquired at Tuscia University. In accordance with Ministry provisions, we have changed our courses and made them more similar to European courses, whilst at the same time adding originality and creativity.

Tuscia University has now become most important educational and cultural interlocutor for the Italian Arm Forces. We have put in place a number of degree courses for non-commissioned officers together with the Air Force (Aeronautica Militare), an activity which up until now was carried out by the Caserta Academy (Scuola di Caserta) and which will soon be transferred to Viterbo. A similar agreement was also reached with the Navy (Marina Militare), and will entail very advanced forms of distance learning. This is in addition to the cooperation which has been in place for a number of years with the School for Non-commissioned Officers of the Italian Territorial Army (Scuola Sottufficiali dell'Esercito Italiano).

As important is the priceless recovery of the S. Maria in Gradi building complex, which will house the Faculty of Languages as of the 2005-2006 academic year.

To improve the quality on offer to those attending classes in the various buildings of Tuscia University, the former Army barracks of Palmanova were bought recently, with government funding for restructuring already in place. The main beneficiary of the new infrastructure will be the faculty of Economics.

The University's IT system has been completely renewed and improved through the creation of computer centres open to students; an interactive site is also up and running where it is possible to register on-line, and where all the relevant information about courses and professors can be found.

The various Faculties of the University of Viterbo have a Faculty Budget which makes it easier to manage their own resources and the administrative autonomy of the Departments makes for a more streamlined structure.

The services offered to students by both the University and LAZIODISU – the regional agency for the right to study – have been improved, enhanced and adjusted to make them more efficient for students.

We are convinced that information is vital in this respect and this is why for some time now "Noi di Unitus" (*We from Unitus*) is published. It gives a voice to all those living at the University and to those who have a bond of friendship with the University. The circulation of the newsletter runs in the thousands and copies are sent out to local bodies, to other Universities in Lazio and Italy, and are of course available in the University.

Finally, Tuscia University has celebrated its 25th anniversary in style. A first landmark which is of particular importance if one considers the enormous expansion which the University has been through over the past few years, and which has had as its driving force the relentless pursuit of academic and educational excellence.

Prof. MARCO MANCINI, The Rector.

SOCRATES ERASMUS PROGRAMME

Erasmus ("*European Community Action Scheme for the Mobility of University Students*") is the European Commission's educational programme for Higher Education students, professors/teachers and institutions. It was introduced in 1987 with the aim of increasing student mobility within the European Community, subsequently the European Economic Area countries, and now also the Associated Countries of Central and Eastern Europe, Cyprus and Malta.

In 1995 Erasmus was incorporated into the new Socrates programme which covers education from school to university to Life Long Learning.

Socrates-Erasmus can involve student mobility, teacher mobility and curriculum development and is based on co-operation agreements between Higher Education Institutions in different participating States.

The higher education section of SOCRATES II ("ERASMUS") continues and extends the European Community Action Scheme for the Mobility of University Students (the "ERASMUS programme").

Its name is based on the philosopher, theologian and humanist **Erasmus of Rotterdam** (1465-1536). An untiring adversary of dogmatic thought in all fields of human endeavour, Erasmus lived and worked in several parts of Europe, in quest of knowledge, experience and insights which only such contacts with other countries could bring. By leaving his fortune to the University of Basel, he became a forerunner of mobility grants.

What is Socrates/Erasmus?

Background

The SOCRATES II programme supports European cooperation in eight areas, from school to higher education, from new technologies to adult learners.

Objectives

Higher education plays a crucial role in producing high quality human resources, disseminating scientific discovery and advanced knowledge through teaching, adapting to the constantly emerging needs for new competences and qualifications, and educating future generations of citizens in a European context. All such functions are of vital importance for the long-term development of Europe.

The increasing speed with which knowledge becomes obsolete, and the rapid changes of the means by which it is delivered and renewed, will require the higher education sector to adopt new methods and commit itself wholeheartedly to the provision of lifelong learning.

Against this background, ERASMUS contains a wide range of measures designed

1. to support the European activities of higher education institutions
2. to promote the mobility and exchange of their teaching staff and students.

Inspired by a mobility tradition that dates back to the Middle Ages, the Erasmus action and its different activities henceforth fit into the mobility policy promoted by the Bologna Process, which aims at the creation of a European Higher Education Area by 2010.

Participating countries

Adopted on 24 January 2000 and spanning the period until the end of 2006, SOCRATES and its Erasmus action are now open to the participation of 31 countries:

- the 25 Member States of the European Union
- the 3 European Economic Area countries (Iceland, Liechtenstein and Norway)
- the 3 candidate countries (Romania, Bulgaria and Turkey).

Key features

As in the past, ERASMUS is open

- to all types of higher education institutions (for which the term "universities" is generally used)
- in all academic disciplines and all levels of higher education study up to and including the doctorate and
- to those emerging from the 31 countries participating in SOCRATES, as well as to students emerging from any other country, who are officially recognised by a Member State as refugees, stateless persons or permanent residents.

In order to participate in ERASMUS, higher education institutions have to apply for an ERASMUS University Charter. This Charter entitles them to apply to the Commission for centralised ERASMUS funds and to their National Agency for decentralised mobility funds.

While the promotion of 'physical mobility', mainly of students, constituted the main thrust of ERASMUS Phase I and II, the higher education Chapter of SOCRATES seeks to integrate such mobility into a wider framework of cooperation activities which aim at **developing a "European Dimension"** within the entire range of a university's academic programmes. "Bringing students to Europe, bringing Europe to all students" is the new spirit of ERASMUS: while student mobility retains a position of central importance within the programme, stronger incentives are now available to encourage universities to **add a European perspective to the courses** followed by students who are not directly involved in mobility.

More emphasis is consequently placed on teaching staff exchanges, transnational curriculum development and pan-European thematic networks. Wider dissemination of and participation in the results of this work are sought through specific support. ERASMUS also encourages universities to associate other public and private bodies from their surrounding regions with their transnational cooperation activities, thereby enhancing opportunities for inter-regional cooperation between the participating countries.

From 1987/88 to 2003/2004, more than 1 million university students have spent an Erasmus period abroad and 2.199 universities (or other Higher Education institutions) are presently participating in the programme.

The EU budget of SOCRATES/Erasmus for 2000-2006 amounts to around **950 Mio €** (of which approximately **750 Mio €** for students grants).

Additional funds are provided in each country by public authorities, by the universities themselves and by other organisations. Erasmus grants are mobility grants destined to cover the additional costs of a study period abroad rather than the entire cost of the stay.

Erasmus for Students

Have you ever wished to live and study abroad? Have you ever wanted to get to know a different culture, study at a foreign university, meet new friends, learn another language, all at the same time?

Then SOCRATES/ERASMUS may be what you are looking for!

The SOCRATES/ERASMUS programme offers the possibility of studying in another European country for a period of between 3 and 12 months.

You may receive a study grant! And you won't have to pay university fees abroad! In addition, your studies abroad will be recognised at your home university. All your rights, as well as your obligations, as an

ERASMUS student are written down in the ERASMUS Student Charter which is given to you before leaving for your study period abroad.

An important part of your ERASMUS study period is the Learning Agreement. It sets out the programme of studies which you will follow abroad as well as the confirmation of academic achievement protocol and must be agreed in writing between your home university, your host university and yourself. Any changes to that Agreement should be agreed in writing by all three parties. If you comply with the requirements of the Learning Agreement then recognition of your study period abroad by your home university is assured.

In addition, you can improve your language skills by participating in one of the Erasmus Intensive Language Courses (EILCs) offered at host universities!

And remember: you will receive full recognition for your study period abroad at home!

Do you want to know more about the SOCRATES/ERASMUS programme?

If you want to participate, just go to the international relations office of your home university and ask about SOCRATES/ERASMUS, and what it can do for you. You can also consult the website of your home university!

ERASMUS for University Teaching Staff

The SOCRATES/ERASMUS programme is not only about student mobility!

On the contrary, it involves many more activities - especially for professors and other university teaching staff.

These activities include not only teaching periods abroad (1 week to 6 months) at any university which holds an Erasmus University Charter, but also participation in the development of study programmes with European partners or Intensive Programmes and joining or creating a Thematic Network.

Only institutions which hold an Erasmus University Charter may send or receive an Erasmus teacher. The selection of teachers to participate in Erasmus is undertaken by the institutions at which they are employed. Exceptionally, in some countries, the National Agency may undertake the selection of teachers for Erasmus mobility.

The participating teachers must be nationals of one of the countries participating in SOCRATES. Refugees, stateless persons or permanent residents can also participate in Erasmus Teaching Staff mobility.

All these SOCRATES/Erasmus higher education activities aim at developing a "European Dimension" within the entire range of a university's academic programmes. Financial support is provided to universities as an incentive to add a European perspective to their courses through various ERASMUS activities.

As university teaching staff, your active participation in the activities offered plays an essential role in bringing your university closer to Europe and in bringing Europe closer to your university. This experience has an evident impact not only on the teacher directly involved, but also on students from both home and host University. It could also result in a first step towards further European cooperation. Furthermore, it is important to offer international experiences to students who cannot participate in the student mobility. Your role is crucial in bringing Europe to your university.

Priorities for awarding a mobility grant to university teachers

In addition to the national priorities which the Erasmus National Agencies communicate to the Universities, the following cases are considered as priorities:

- The visiting teacher's contribution will form an integral part of the receiving university's degree programme
- The mobility activities will contribute to the production of new teaching material
- The participation of the teacher will help to strengthen relations between the sending and the receiving universities' departments and faculties, and in a more global context, will help prepare future cooperation

Priority should be given also to candidates who participate for the first time in Erasmus Teaching Staff Mobility.

Grants

The maximum grant amount that may be awarded from the European Union's Erasmus funds is 800 € / week. For the whole teaching period abroad, the total grant cannot be higher than 2.000 €.

Payment of grants and administration of Erasmus Teacher Mobility is undertaken by the entity which selects the teachers for mobility.

USEFUL ADDRESSES

Agenzia Nazionale SOCRATES Italia - Azione ERASMUS

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ITALIAN HIGHER EDUCATION SYSTEM

Three-year degree and specialist degree

Italian Higher Education System is based on two cycles of study:

- **First cycle**

A three-year degree (Laurea) gives students a solid cultural background and training to prepare them for their future careers, for continuing their university education and obtaining a specialist degree or a first level master degree.

- **Second cycle**

A further two-year-specialist degree (Laurea Specialistica) gives students more advanced knowledge of the subject they study for their future professional careers or to continue their university education and obtain a Ph.D., a post graduate specialisation diploma or a second level master degree.

Courses are organized on the basis of a credit system. To obtain a three-year degree 180 credits are required, and for the degree 120, for a total of 300 credits.

Master degrees, specialization degrees and doctorates

The three-year specialist degrees are flanked by a number of courses offering further specialization:

Master's Degrees

First and second level advanced courses imparting professional knowledge and skills. The master diploma is awarded after obtaining 60 credits.

Specialization diploma

The courses provide the knowledge and abilities required by specific professions. Admission to the courses is conditional upon possession of a specialist degree.

Research doctorate

The course develops the scientific knowledge and skills required for an academic career or in advanced research. Admission to a Ph.D. course is conditional on possession of a specialist degree.

Credits, grades and degrees

Credits indicate the work load required for a student with adequate initial preparation to acquire the knowledge and skills envisaged by the course syllabus.

One credit is usually the equivalent of 25 hours of work by the student: these hours include front activities (lectures, practical, seminars), individual study, and other training activities like work placement, etc.

The average yearly workload required of a full-time student has been set at 60 credits. Credits are gained by passing the final course examination or by successfully completing other forms of assessment. They do not take the place of grades.

Grades (courses)

Individual courses are graded on a scale from 18 to 30:

Minimum pass	18
Adequate	18-23
Satisfactory	24-26
Good	27-28
Very good	29-30
Outstanding	30 <i>cum laude</i>

Grade (degree)

The maximum final university degree is 110/110. For exceptional students degrees may be awarded *cum laude*.

THE EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM – ECTS

What is ECTS?

The European Credit Transfer and Accumulation System is a student-centred system based on the student workload required to achieve the objectives of a programme, objectives preferably specified in terms of the learning outcomes and competences to be acquired.

How did ECTS develop?

ECTS was introduced in 1989, within the framework of Erasmus, now part of the Socrates programme. ECTS is the only credit system which has been successfully tested and used across Europe. ECTS was set up initially for credit transfer. The system facilitated the recognition of periods of study abroad and thus enhanced the quality and volume of student mobility in Europe. Recently ECTS is developing into an accumulation system to be implemented at institutional, regional, national and European level. This is one of the key objectives of the Bologna Declaration of June 1999.

Why introduce ECTS?

ECTS makes study programmes easy to read and compare for all students, local and foreign. ECTS facilitates mobility and academic recognition. ECTS helps universities to organise and revise their study programmes. ECTS can be used across a variety of programmes and modes of delivery. ECTS makes European higher education more attractive for students from other continents.

What are the key features of ECTS?

ECTS is based on the principle that 60 credits measure the workload of a full-time student during one academic year. To complete all planned learning activities such as attending lectures, seminars, independent and private study, preparation of projects, examinations, and so forth.

Credits are allocated to all educational components of a study programme (such as modules, courses, placements, dissertation work, etc.) and reflect the quantity of work each component requires to achieve its

specific objectives or learning outcomes in relation to the total quantity of work necessary to complete a full year of study successfully.

The performance of the student is documented by a local/national grade. It is good practice to add an ECTS grade, in particular in case of credit transfer. The ECTS grading scale ranks the students on a statistical basis. Therefore, statistical data on student performance is a prerequisite for applying the ECTS grading system. Grades are assigned among students with a pass grade as follows:

A	best 10%
B	next 25%
C	next 30%
D	next 25%
E	next 10%

A distinction is made between the grades FX and F that are used for unsuccessful students. FX means: "fail-some more work required to pass" and F means: "fail – considerable further work required". The inclusion of failure rates in the Transcript of Records is optional.

What are the key documents of ECTS?

The regular Information Package/Course Catalogue of the institution to be published in two languages (or only in English for programmes taught in English) on the Web and/or in hard copy in one or more booklets. The Information Package/Course Catalogue must contain the items of the checklist including information for host students from abroad.

The Learning Agreement contains the list of courses to be taken with the ECTS credits which will be awarded for each course. This list must be agreed by the student and the responsible academic body of the institution concerned. In the case of credit transfer, the Learning Agreement has to be agreed by the student and the two institutions concerned before the student's departure and updated immediately when changes occur.

The Transcript of Records documents the performance of a student by showing the list of courses taken, the ECTS credits gained, local or national credits, if any, local grades and possibly ECTS grades awarded. In the case of credit transfer, the Transcript of Records has to be issued by the home institution for outgoing students before departure and by the host institution for incoming students at the end of their period of study.

How to obtain the ECTS label?

An ECTS label will be awarded to institutions which apply ECTS correctly in all first and second cycle degree programmes. The label will raise the profile of the institution as a transparent and reliable partner in European and international cooperation.

The criteria for the label are: an Information Package/Course Catalogue (online or hard copy in one or more booklets) in two languages (or only in English for programmes taught in English), use of ECTS credits, samples of Learning Agreements, Transcripts of Records and proofs of academic recognition.

An application form has been published. The application deadline is Nov 1st, annually. The label will be valid for three academic years. The list of institutions in possession of the label will be published on the **Europa** web site.

What is the Diploma Supplement?

The Diploma Supplement is a document attached to a higher education diploma providing a standardised description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the graduate. The Diploma Supplement provides transparency and facilitates academic and professional recognition of qualifications (diplomas, degrees, certificates). A Diploma Supplement label will be awarded to institutions which deliver a Diploma Supplement, to all graduates in all first and second cycle degree programmes, in accordance with the structure and recommendations to be found on the following web-site:

http://europa.eu.int/comm/education/policies/rec_qual/recognition/diploma_en.html

PLEASE NOTE: AT TUSCIA UNIVERSITY 1 CFU (UNIVERSITY FORMATIVE CREDIT) IS EQUAL TO 1 ECTS CREDIT.

VITERBO AND THE UNIVERSITY OF TUSCIA

The choice of Viterbo as the site for the University is linked to the history and cultural traditions of the town. In the mid 13th century itinerant students were already present, where they taught the “*trivium*” (grammar, rhetoric and dialectic) and the “*quadrivium*” (arithmetic, geometry, music and astronomy) arts, according to the Medieval teaching system. In the 15th century an interest in the humanities encouraged the emergence of personalities such as Annio and Egidio of Viterbo. In 1546 a “*Studium*” was founded on the request of the Farnese Pope, Paul III. This studium, which established professorships in Logic, Philosophy, Civil Institutions and Medicine, was based at the Priori Palace and struggled on until 1581, when the town council requested its closure “given that there are no wages and it is not profitable”.

In 1805 a University school of medicine was instituted. The first teacher was Doctor Giuseppe Matthey of Parma, who was awarded the professorship of Theoretical and Chemical Medicine following a “regional” selection based solely on qualifications. In the following years further professorships were awarded in Anatomy and Surgery, Obstetrics, Physics and Chemistry, Legal Medicine and Toxicology. The University clinic was based at the “Great Hospital for the Infirm” and continued to function fully until 1838, except for a seven-year interruption (1809-1816) due to the French occupation. Ecclesiastic authorities then forced the hospital to limit its activities exclusively to the treatment of its patients, in accordance with the Papal bull of Leo XII of 1824 “*Quod divina sapientia*”. It reorganised studies in the Papal State, definitely excluding Viterbo from becoming a University town.

In more recent times (1969), a private university was set up in Viterbo, the Free University of Tuscia, thanks to a consortium made up of the Province, the Town council, the Chamber of Commerce, Industry, Craftsmen and Agriculture, and the Cassa di Risparmio di Viterbo bank. The university included the faculties of Pedagogy, Economics and Business, and Political Science. It was closed in 1979 with the advent of the State University in Viterbo.

Tuscia University is a relatively young university; in fact, it was only on the 7th of July 1981 that the first academic year of Tuscia University was officially inaugurated. The first faculty to start lectures was Agriculture; then four other faculties were added: Biology, Modern Languages, Economics, and Cultural Heritage. Recently another faculty has joined the others: Political Sciences.

The number of students enrolled in 2004-2005 was around 11.000 with 308 members of the teaching staff. The administrative staff includes 305 people.

Despite its relative size, the university has always been very active both at the national and international level by participating in any project in its fields of study and interest.

At the moment the University is involved in several projects financed by the EU; most of them belong to the most dynamic and lively faculty that is the Faculty of Agriculture.

The majority of the trans-national activity involves the Socrates/Erasmus project and the international contacts have permitted to start an interesting cooperation with many foreign companies within other European programs, such as Tempus Meda, Leonardo da Vinci. Within this programme Tuscia University has presented and has obtained funding for four different projects that have allowed 120 new graduates to spend 6 months abroad for vocational training.

Since 1987 Tuscia University has participated in the Socrates/Erasmus Programme which has improved and increased greatly, both in terms of its bilateral agreements and the number of outgoing and incoming students. Tuscia University in 2003/2004 obtained the **Erasmus University Charter** and since a few years employs the ECTS credit system.

At the moment Tuscia University has 148 bilateral agreements, covering 24 countries, 17 in Western Europe and 7 in Eastern Europe.

Finally, Tuscia University is linked to many countries all over the world thanks to its many cooperation agreements, signed with the aim of increasing the exchange of teaching and student staff, facilitating scientific cooperation and enhancing the dissemination of cultural information.

UNIVERSITA' DEGLI STUDI DELLA TUSCIA DI VITERBO

INSTITUTION

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GENERAL INFORMATION AND FAQs

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WEB ADDRESS FOR SOCRATES/ERASMUS INCOMING STUDENTS	http://tuscia.socratesmanager.it/studenti/
WEB ADDRESS FOR ACADEMIC INFORMATION (COURSES)	http://www.unitus.it > Facoltà
APPLICATION FORMALITIES	<p>Socrates/Erasmus students are requested to fill in the Application Form and the Learning Agreement on-line. Both documents must be printed, signed by the Erasmus Coordinator and sent by fax to the International Relations Office.</p> <p>Incoming students are also requested to download the Transcript of Records from our web-site, to fill in capital letters, have it</p>

	<p>signed by the Erasmus Coordinator and sent by fax to the International Relations Office.</p> <p>Please note: the original copies of all these documents must be posted to the International Relations Office or delivered by hand at the student's arrival at Tuscia University.</p> <p>Università degli Studi della Tuscia di Viterbo Ufficio Relazioni Internazionali Via S. Maria in Gradi, n. 4 – 01100 Viterbo – Italia Fax: + 39 0761 357919 e-mail: erasmusincoming@unitus.it - socrates@unitus.it</p>
APPLICATION DEADLINES	<p>Fall semester: July 30th Spring semester: November 30th</p>
LANGUAGE OF INSTRUCTION	Italian
USE OF ECTS	Yes
LANGUAGE COURSE	<p>The International Relations Office organize Italian Language courses for all incoming students at the beginning of each semester. Courses are free.</p> <p>Italian Language Courses: Level Elementary – 50 hours – 6 ECTS Credits Level Intermediate - 40 hours - 6 ECTS Credits Level Advanced – 20 hours – 4 ECTS Credits</p> <p>Incoming students are also requested to download the Italian Language Course Application Form from our web-site, to fill in capital letters, to sign and to send it by fax to the International Relations Office.</p> <p>Please note: the original copy of the document must be posted to the International Relations Office or delivered by hand at the student's arrival at Tuscia University.</p> <p>Deadlines: Fall semester: July 30th Spring semester: November 30th</p> <p>Università degli Studi della Tuscia di Viterbo Ufficio Relazioni Internazionali Via S. Maria in Gradi, n. 4 – 01100 Viterbo – Italia Fax: + 39 0761 357919 e-mail: erasmusincoming@unitus.it</p> <p>The Italian Language Course Application Form is available in our web site: http://tuscia.socratesmanager.it/studenti/</p>
ACCOMMODATION IN THE UNIVERSITY YOUTH HOSTEL	<p>As far as accommodation is concerned, if students apply in time, they might have the opportunity of reserving a room in the residence on the University Youth Hostel. The University Youth Hostel has only 24 rooms available for Socrates/Erasmus students and they will be assigned to the first 24 applicants. The monthly rate for accommodation on campus will be € 136,00 per month.</p> <p>Incoming students are also requested to download the Accommodation Form from our web-site, to fill in capital letters, to</p>

	<p>sign and to send it by fax to the International Relations Office.</p> <p>Please note: the original copy of the document must be posted to the International Relations Office or delivered by hand at the student's arrival at Tuscia University.</p> <p>Deadlines: Fall semester: July 30th</p> <p style="text-align: center;">Spring semester: November 30th</p> <p>Università degli Studi della Tuscia di Viterbo Ufficio Relazioni Internazionali Via S. Maria in Gradi, n. 4 – 01100 Viterbo – Italia Fax: + 39 0761 357919 e-mail: erasmusincoming@unitus.it</p>
ROOM IN PRIVATE HOUSE	<p>If there are no more rooms available at the University, or if students prefer to lodge in a private house, International Relations Office can help find a suitable place. The average accommodation cost per month in a private house in Viterbo varies from 150 to 250 €. International Relations Office <u>only helps</u> students to find accommodations, and does not make any agreement with landlords. If the student refuse to accept the room assigned, the International Relations Office and the ASES, are no longer responsible for finding you accommodation unless you have a good reason for turning the offer down.</p>
REFECTORY	<p>The refectory service is provided by LAZIODISU.</p> <p>With their first visit to the International Relations Office, any student receives a document stating the date of his arrival. This paper is necessary to go to Laziodisu - Agency for the Right to Study, via Cardarelli, 75 – 01100 Viterbo Tel. 0761/270610-11 Fax 0761/274666 in order to obtain a refectory card and to get his meal ticket card.</p> <p>There are two refectories in Viterbo:</p> <ul style="list-style-type: none"> • Aramara Restaurant - Via S. M. in Volturmo, 12/24 tel. + 39 0761 22820 <p>Canteen c/o Student's House 2 - Piazza S. Sisto, 8 tel. +39 0761 326313</p>
DOCUMENTS NEEDED FOR YOUR STAY IN ITALY	<ul style="list-style-type: none"> • Passport or a valid identity card • A document stating you are a Socrates/Erasmus student • Student registration certificate from your home university • Medical insurance: European Sanitary Card or E-128 – E-111 form for EU students or any other private insurance valid in Italy for non EU students • Visa (only for non EU citizens) • Passport photos
UNIVERSITY SPORT CENTRE (CUS)	<p>The CUS Viterbo is situated in the University Campus grounds. It has a full size grass pitch for football, two multi use indoor sports hall, an outdoor tennis court, a five-a-side football pitch, a boules pitch and an archery field. Courses available in tennis, archery and volleyball. Special rates for use of gyms, swimming pools and athletics facilities.</p> <p>Chairman: Prof. Gabriele Anelli Largo dell'Università 01100 Viterbo Tel + 39 0761 352737 - 352733</p>

ASES ESN - VITERBO (Association for Erasmus Students - ESN VITERBO)	Chairman: Massimo Rotolo tel +348 3196067 fax +39 0761 357179 e-mail ases@unitus.it
OTHER INFORMATION	
Town and number of inhabitants:	Viterbo – about 66.000
Number of students at the University:	About 11.000
Number of abroad students every year:	About 80
Average cost of living per month excluding accommodation	Between € 200 - € 300

PARTNER UNIVERSITIES ERASMUS CODES

FACULTY OF AGRICULTURE

UNIVERSITY	ERASMUS CODE
DENMARK	
The Royal Veterinary and Agriculture University (KVL)	DK FREDERI01
UNITED KINGDOM	
University of Kent	UK CANTERB01
FRANCE	
Ecole Nationale Superieure Agronomique	F MONTPEL10
Ecole Superieure d'Agriculture d'Angers	F ANGERS08
Université Paul Cezanne-Aix Marseille 3	F MARSEIL03
Università Victor Segalen Bordeaux	F BORDEAUX02
POLAND	
Warsaw Agricultural University	PL WARSZAW05
GERMANY	
Universität Gesamthochschule Kassel	D KASSEL01
Universität Dresden	D DRESDEN02
BELGIUM	
Universiteit Antwerpen	B ANTWERP01
Universiteit Gent	B GENT01
HOLLAND	
Wageningen Agricultural University	NL WAGENIN01
SPAIN	
Universidad Politecnica de Valencia	E VALENCI02
Universidad de Castilla La Mancha	E CIUDA-R01
Universidad Politecnica de Cartagena	E MURCIA04
Universidad Autonoma de Barcelona	E BARCELO02

Universidad San Pablo-Ceu	E MADRID21
Universidad de Cordoba	E CORDOBA01
NORWAY	
Norwegian University of Life Sciences	N AS01
PORTUGAL	
Universidade Tecnica de Lisboa Instituto Superior de Agronomia	P LISBO04
Universidade Dos Acores	P ACORES01
Universidade de Tras-os-Montes e Alto Douro	P VILA-RE01
SWEDEN	
Swedish University of Agricultural Sciences-SLU	S UPPSALA02
CZECH REPUBLIC	
Mendel University of Agriculture and Forestry Brno	CZ BRNO02
GREECE	
Agricultural University of Athens	G ATHINE03
Mediterranean Agronomic Institute of Chania	G CHANIA0
HUNGARY	
Budapest University of Economic and Public Administration	HU BUDAPES03
University of Debrecen	HU DEBRECE01
Eotvos Lorand University	HU BUDAPES01
ROMANIA	
University of Agronomical Sciences and Veterinary Medicine - Bucarest	RO BUCARES12
University of Agronomical Sciences and Veterinary Medicine – Cluj Napoca	RO CLUJNAP04
University of Craiova	RO CRAIOVA01
FINLAND	
University of Helsinki	SF HELSINK01
SLOVENIA	
University of Ljubljana	SI LJUBLJA01
TURKEY	
Trakya University	TR EDIRNE01

FACULTY OF MATHEMATICAL, PHYSICAL AND NATURAL SCIENCE

UNIVERSITY	ERASMUS CODE
AUSTRIA Medizinische Universität Wien	A WIEN64
UNITED KINGDOM University of Plymouth	UK PLYMOUTH01
University of Aberdeen	UK ABERDEE01
University of East Anglia	UK NORWICH01
University of Portsmouth	UK PORTSMO01
FINLAND Tampere Polytechnic	SF TAMPER03
SPAIN Universidad Autonoma de Madrid	E MADRID04
Universidad de Murcia	E MURCIA01
Universidad de Sevilla	E SEVILLA01
Universitat Autonoma de Barcelona	E BARCELO02
SWEDEN University of Stockolm	S STOCKHO01
FRANCE Université Pierre et Marie Curie	F PARIS06
Université Paris Dauphine	F PARIS09
GERMANY Universität Duisburg Essen	D ESSEN04
ESTONIA Tallinn Technical University	EE TALLINN04
POLAND Akademia Swietokrzyska	PL KIELCE02
LITHUANIA Vilnius Gediminas Technical University	LT VILNIUS02
BULGARIA St. Kliment Ohridski University	BG SOFIA06
CZECH REPUBLIC Institute of Chemical Technology	CZ PRAHA01
IRELAND University College Dublin	IRLDUBLIN02
PORTUGAL Universidade do Algarve	P FARO02

FACULTY OF MODERN FOREIGN LANGUAGES AND LITERATURE

UNIVERSITY	ERASMUS CODE
UNITED KINGDOM	
Royal Holloway University of London	UK LONDON097
Manchester Metropolitan University	UK MANCHES04
SPAIN	
Universidad de Alicante	E ALICANT01
Universidad Autonoma de Madrid	E MADRID04
PORTUGAL	
Universidade de Lisboa	P LISBOA02
Universidade Nova de Lisboa	P LISBOA03
Universidade Lusiana	P LISBOA12
Universidade Aberta	P LISBOA43
Universidade do Porto	P PORTO02
FRANCE	
Université de Haute Alsace	F MULHOUS01
Université de Bourgogne	F DIJON01
Université de Paris X	F PARIS010
Université Blaise Pascal	F CLERMON02
Université de Caen Basse-Normandie	F CAEN01
Université de Provence Aix-Marseille	F MARSEIL01
Université Paris Sorbonne - Paris IV	F PARIS004
GERMANY	
Rhur-Universität Bochum	D BOCHUM01
Universität des Saarlandes	D SAARBRU01
Albert Ludwig Universität	D FREIBUR01
Technische Universität Dresden	D DRESDEN02
CZECH REPUBLIC	
University of South Bohemia	CZ CESKE01
Masarykova Univerzita	CZ BRN005
SWITZERLAND	
Universität Zurich	CH ZURICH01
POLAND	
University of Podlasie	PL SIEDLCE01

University of Lodz	PL LODZ01
University of Rzeszów	PL RZESZOW02
University of Wrocław	PL WROCLAW01
ROMANIA	
University of Bucharest	RO BUCURES09

FACULTY OF ECONOMICS

UNIVERSITY	ERASMUS CODE
DENMARK	
Roskilde University	DK ROSKILD01
FRANCE	
Institut Supérieur de Commerce International	F DUNKERQ09
POLAND	
Leon Koźmiński Academy of Entrepreneurship and Management	PL WARSAW21
University of Economics	PL KATOWIC02
PORTUGAL	
Universidade Nova de Lisboa	P LISBOA03
GERMANY	
Universität Kassel	D KASSEL01
Fachhochschule Aushurg	D AUSBURG02
Fachhochschule Hof	D MUNCHEN08
HUNGARY	
International Business School	HU BUDAPES41
ROMANIA	
Universitatea de Vest din Timisoara	RO TIMISOA01
SPAIN	
Universidad Politecnica de Valencia	E VALENCI02
SLOVAK REPUBLIC	
Ekonomická Univerzita v Bratislave	SK BRATISL03
TURKEY	
Yasar University	TR IZMIR05

FACULTY OF CULTURAL HERITAGE CONSERVATION

UNIVERSITY	ERASMUS CODE
SPAIN	
Universidad de Murcia	E MURCIA01
Universidad de Sevilla	E SEVILLA01
Universitat de Barcelona	E BARCELO01
Universidad de Zaragoza	E ZARAGOZ01
Universitat de Lleida	E LLEIDA01
Universidad de Extremadura	E BADAJOZ01
Universidad de Valencia	E VALENCI01
Universidad de Granada	E GRANADA01
Universidad de Valladolid	E VALLADO01
FRANCE	
Université Lumière Lyon 2	F LYON02
Université de Provence Aix-Marseille	F MARSEIL01
Université de Savoie	F CHAMBER01
GERMANY	
Eberhard-Karls Universität	D TUBINGE01
Katolische Universität Eichstätt- Ingolstadt	D EICHSTA01
Friedrich-Schiller Universität Jena	D JENA01
GREECE	
University of the Aegean	G ATHINE41
HUNGARY	
Eötvös Loránd Tudományegyetem	HU BUDAPES01

FACULTY OF POLITICAL SCIENCE

UNIVERSITY	ERASMUS CODE
PORTUGAL	
Instituto Superior de Ciências do Trabalho e da Empresa - Iscte	P LISBOA07
FRANCE	
Universit� de Paris X	F PARIS10
Institut D'Etudes Politique De Grenoble	F GRENOBL23
Universit� Blaise Pascal	F CLERMON02
GREECE	
University of Crete	G KRITIS01
SPAIN	
Universidad de Alicante	E ALICANT01
Universidad de Huelva	E HUELVA01
Universitat de Barcelona	E BARCELO01
Universidad de Santiago de Compostela	E SANTIAGO01
Universidad de Castilla La Mancha	E CIUDA-R01
Universidad de Cadiz	E CADIZ01
Universidad de Valladolid	E VALLADO01
Universidad de Salamanca	E SALAMAN02
Univesidad de Sevilla	E SEVILLA01
GERMANY	
Universit�t des Saarlandes	D SAARBRU01
Christian-Albrechts-Universit�t	D KIEL01
Freie Universit�t	D BERLIN01

FACULTY OF AGRICULTURE

Address

Via S. Camillo de Lellis
01100 Viterbo
Web- page: www.unitus.it/agraria

Dean of Faculty

Prof. Eddo Rugini

Dean's Secretariat

Tel. + 39 0761. 357582 - 357583
Fax + 39 0761357504
e-mail: s_pragra@unitus.it
Opening hours:
Monday to Friday 11.00 am-1.00 pm; Monday and Wednesday 3.30 pm-4.30 pm

Student Secretariat

Tel. + 39 0761.357263 – 357544
Fax + 39 0761 357263
e-mail: segrstudagraria@unitus.it
Opening hours
Monday to Friday 10.00 am-12.00 am; Tuesday 2.30 pm-4.30 pm

Infotel

+ 39 0761.357581/2/3

Toll Free

800 007 464

COURSES ON OFFER 2005/2006

Three year Degree Courses (I Level)

With coordinators of the study boards and tutors

- Agricultural and Industrial Biotechnologies (1 class) – Viterbo campus (BIO/L-A)
a) Agriculture curriculum
Coordinator: Prof. Renato D'Ovidio
(Tutors: Proff. Ceoloni, Frediani, Masci, Vannini)
- Animal Production (40 class) – Viterbo campus (PA/L)
Coordinator: Prof. Umberto Bernabucci
(Tutors: Proff. Amici, Bernabucci, Lacetera, Finzi, Morera, Nardone, Ronchi, Valentini A.)
- Environment Management and Planning (7 class) – Bracciano campus (PGA/L)
Coordinator: Prof. Lorenzo Venzi
(Tutors: Proff. Leone, Scarascia Mugnozza, Rugini, Senni, Ippolito, Balbo, Camiz)
- Forestry and Environmental Science (20 class) – Viterbo campus (SFA/L)
Coordinator: Prof. Piermaria Corona
(Tutors: Proff. Anselmi, Corona, Grego, Monarca, Scoppola, Tanzarella, Valentini R., Carlini, Zapparolo, Angelaccio)
- Agricultural Science and Technologies (20 class) – Viterbo campus (STA/L)
a) Agricultural Science and Technologies curriculum (STA/L-STA)
b) Production and Protection of Agricultural Plants curriculum (STA/L-PDPA)
c) Rural Development Cooperation for Emerging Countries curriculum (STA/L-CS)
d) Ecological Agriculture curriculum (STA/L-AE)
Coordinator: Prof. Paolo Biondi
(Tutors: a) Biondi e Perone Pacifico, b) Magro, c) Angeli, d) Campiglia)
- Technical Forestry and Wood Technologies (20 class) (TFTL/L)
a) Management of Protected Areas curriculum (TFTL/L-GAP)
b) Forestry Technology and Production curriculum (TFTL/L-TP)

Viterbo, Cittaducale – Rieti	
c) Forestry and Environment Monitoring and Certification	(TFTL/L-MC)
Viterbo, Cittaducale – Rieti	
Coordinator: Prof. Bartolomeo Schirone	
(Tutors: Proff. De Pace, Lo Monaco, Tucci, Petroselli, Madonna)	
Food Technology (20 class) – Viterbo campus	(TA/L)
a) Food Technology curriculum	(TA/L-TA)
b) Viticulture and Oenology	(TA/L-VE)
Coordinator: Prof. Maurizio Ruzzi	
(Tutors: Proff. Cecchini, Chilosi, Contini, Esti, Guglielmino, Massantini, Moresi)	

Specialist Degree Courses (Level II)

With coordinators of the study boards and tutors

Agricultural Ecology (77/S class)	(AGE/LS)
a) International curriculum in Agricultural Ecology	
Coordinator: Prof. Fabio Caporali	
(Tutors: Proff. Paolini, Varvaro)	
Agricultural Biotechnologies (7/S class)	(BIO/LS)
Coordinator: Prof. Rosario Muleo	
Conservation and Restoration of the Forestry Environment and Soil Protection (74/S class)	(CRAFDS/LS)
Coordinator: Prof. Bartolomeo Schirone	
(Tutors: Proff. Chiocchini, Schirone, Piovesan)	
Animal Production (79/S class)	(PA/LS)
Coordinator: Prof. Umberto Bernabucci	
(Tutors: Proff. Amici, Bernabucci, Lacetera)	
Forestry and Environmental Science (74/S class)	(SFA/LS)
Coordinator: Prof. Piermaria Corona	
(Tutors: Proff. Scarascia Mugnozza, De Angelis, Pagnotta, Kuzminsky)	
Agricultural Sciences and Technologies (77/S class)	(STA/LS)
a) Agricultural Sciences and Technologies curriculum	(STA/LS-STA)
b) Agricultural Economics and Policy curriculum	(STA/LS-EPA)
c) Rural Development in the Emerging Countries	(STA/LS-SRP)
Coordinator: Prof. Paolo Biondi	
(Tutors: Proff. Perone Pacifico, Severini, Angeli)	
Agro-food Technology and Science (78/S class)	(TA/LS)
a) Quality Management in the Agro-food Chain	
Coordinator: Prof. Maurizio Ruzzi	
(Tutors: Proff. Barghini, Biasi, Canganella, De Santis D.)	
Rural and Land Planning Science (54/S class)	(SPTAR/LS)
Coordinator: Prof. Adolfo Gusman	
(Tutor: Marucci)	
Science and Technology for the Quality of Plant Production (77/S class)	(STQPV/LS)
Coordinator: Prof. Paolo Biondi	
(Tutors: Proff. Cereti, Pucci, Soressi)	
Wood Technologies and Industries	(TIL/LS)
Coordinator: Prof. Bartolomeo Schirone	
(Tutor: Prof. Baldini)	

Level I and Level II Masters Degrees

The University Masters courses provide a high degree of ongoing and repeated education and are open to graduates of a three year degree course (Level I Masters) or graduates of the Specialist Degree Course (Level II Masters).

Any specific admission requirements will be established separately for each course.

The teaching is quantified as University Education Units (CFU) (one credit represents 25hrs of study by the students)

The University Masters Degree course is generally taught over one academic year and requires 60 credits and an internship in a company.

A list of available courses is given below.

Level I Masters

Ethical and Social Agriculture (coordinator: Prof. S. Senni)

The Master aims to meet the educational needs of persons working in or intending to work in the area of Social and Ethical Agriculture. A professional graduating from the course will know how to plan, implement and assess teaching initiatives in the area of ethical and social agriculture by interacting with local bodies, social and health services, small and medium sized enterprises, social cooperatives and educational and research bodies to develop synergies to encourage the integration of persons with disabilities or other disadvantages in the agricultural labour market.

Lawn Carpets (coordinator: Prof. F. Cereti)

The objective of the Master in 'Lawn Carpets' is to prepare professionals in dealing with problems relating to the laying, handling and maintaining of ornamental, functional or sports lawn carpets, to interact with landscape architects, designers of green spaces and groundsmen of recreational and sports grounds. Employment can be found in consultancy for the laying, handling and maintaining of lawn carpets in all its uses as sports grounds (golf course, football pitch, horse race track), its ornamental use (public and private gardens, restoring of areas of particular interest), and functional use (e.g. to re-establish neglected areas, or technical laying of grass on ski slopes and at airports).

Level II Masters

Head Gardener of Parks, Gardens and Botanic gardens (Coordinator: Prof. F. Saccardo)

The Master aims to produce technical professionals capable of managing the requirements for landscape heritage, botanic, agronomic, historic and artistic parks, gardens and botanic gardens in urban and suburban areas. The role of Head Gardener requires a high level of preparation in the scientific and technical field of flora and landscape, in the field planning and design for recovery and enhancement, the field of management and social and economic planning.

Protection of the Global Environment and International Policy (Coordinator: Prof. R. Valentini)

The Master aims to educate experts in the area of international negotiations on the environment and in financial and legislative mechanisms of multilateral agreements. The main objective of the course is to lay the foundations, in an innovative way, for the theory and fundamental rules of environmental issues (climate, biodiversity, desertification, sustainable development, international legislation, fundamentals of environmental economics etc.) by using 'in the field' experience in the area of negotiations and complex implementation of international agreements).

N.B. Other Level I and Level II Masters are currently in the process of being set up in the following areas: 'Quality of the Food Chain', 'Plantgrowing', 'Olive growing and Olive Technology', 'the Environment'. Further information can be found on the website: www.unitus.it

PhDs

The Faculty has 10 Phds on offer which are managed in Viterbo and 5 further PhDs managed by other Universities, some of which are Doctoral Schools:

Viterbo Campus

Food Biotechnologies
Plant Biotechnologies
Forestry Ecology

Coordinator: Prof. M. Moresi
Coordinator: Prof. D. La Fiandra
Coordinator: Prof. P. De Angelis

Agricultural Genetics	Coordinator: Prof. E. Porceddu
Agricultural Mechanics	Coordinator: Prof. P. Biondi
Fruit, Vegetable and Flower Growing	Coordinator: Prof. F. Saccardo
Agricultural Policy	Coordinator: Prof. C. Perone Pacifico
Plant Protection	Coordinator: Prof. N. Anselmi
Environmental Science	Coordinator: Prof. E. Mincione
Forestry and Environmental Management Science and Technology	Coordinator: Prof. G. Piovesan
Other Campus	
Applied Biochemistry and Chemistry (CB)	Coordinators: Proff. U. Bernabucci – N. Lacetera
Design and Use of Molecules (NA)	Coordinators: Proff. C. Caporale – E. Poerio – G. Scapigliati
Agro – Biotechnologies for Tropical Production: part of the Doctoral School of “Sustainable Animal and Plant Production for the Enhancement of the Territory and of the Quality of Products” (FI)	
	Coordinators: Proff. E. Rugini – G.P. Soressi
Physiopathology of Nutritional and Environmental Origin in Animal Husbandry Systems (MI)	
	Coordinators: Proff. B. Ronchi – A. Amici
Doctoral School on Economics and Management (course in 'Environmental Economics and Mountain Resource Management')	
	Coordinators Proff. M.Loseby - F.Carbone
Administrative office: the University of Trento	

DEPARTMENTS

DABAC (Department of Agrobiolgy and Agro-chemistry) - (Director Prof. Domenico La Fiandra)
Tel. + 39 0761 357343 e-mail: s_dabac@unitus.it

DECOS (Department of Ecology and Sustainable Development) - (Director Prof. Giuseppe Nascetti)
Tel. + 39 0761 357123 e-mail: s_decos@unitus.it

DEAR (Department of Agro-forestry and Rural Environment Economics) - (Director Prof. Gabriele Dono)
Tel. + 39 0761 357275 e-mail: s_dear@unitus.it

GEMINI (Department of Geology and Mechanical Engineering, Bioengineering and Hydraulics for the Territory) - (Director Prof. Ugo Chiocchini)
Tel. + 39 0761 357436 e-mail: s_gemini@unitus.it

DIPROV (Department of Plant Production) - (Director Prof. Carlo Fausto Cereti)
Tel. + 39 0761 357554 e-mail: s_dpv@unitus.it

DIPA (Department of Animal Production) - (Director Prof. Alessandro Nardone)
Tel. + 39 0761 357436 e-mail: s_zootec@unitus.it

DIPROP (Department of Plant Protection) - (Director Prof. Claudio Pucci)
Tel. + 39 0761 357473 e-mail: s_dpp@unitus.it

DISAFRI (Department of Forestry and Forestry Resources Science) - (Director Prof. Riccardo Valentini)
Tel. + 39 0761 357403 e-mail: s_dsafri@unitus.it

DISTA (Department of Agro-food Science and Techniques) - (Director Prof. Gabriele Anelli) Tel. + 39 0761 357494 e-mail: s_ita@unitus.it

DAF (Department of the Environment and Forestry Technologies, Engineering and Sciences) - (Director Prof. Antonio Leone) Tel. + 39 0761 357413 e-mail: daf@unitus.it

THREE YEAR DEGREE COURSES

1- DEGREE COURSE IN AGRICULTURAL SCIENCE AND TECHNOLOGIES (class 20)

This degree course is organised in four curricula:

- 1) Agricultural Science and Technologies
- 2) Production and Protection of Agricultural Plants
- 3) Rural Development Cooperation for Emerging Countries
- 4) Ecological Agriculture

1.1 Curriculum: Agricultural Science and Technologies

Will allow you to acquire the relevant knowledge and skills for drawing up projects for the protection, management and sustainable development of farming and the agricultural environment. Once you have graduated, you will be able to run agricultural holdings and manage projects in the agricultural sector.

Tutor: Prof. Paolo Biondi

Tel. + 39 0761.357361

biondi@unitus.it

AGRICULTURAL SCIENCE AND TECHNOLOGIES CURRICULUM (STA/L-STA)

Level I Degree course in Agricultural Science and Technologies (STA/L-STA)

Agricultural Science and Technologies curriculum

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	Marucci
Fundamentals of Chemistry	I	8	CHIM/03-06	Stazi
Foreign Language	I	6		*
Agricultural Botany	II	6	BIO/03	*
Physics I	II	6	FIS/1/7	De Santis A.
Fundamentals of Agricultural Economics	II	9	AGR/1	Severini
Agricultural Genetics	III	6	AGR/07	Porceddu
Agricultural Ecology	III	6	AGR/2	Caporali
Agricultural Biochemistry	III	3#A+3#M	AGR/13	Astolfi, Moscatelli
Course of choice	III	1		
Year 2				
Agricultural Microbiology	I	7	AGR/16	Canganella
Agriculture Mechanization	I	6	AGR/9 ING-IND/09	Biondi
Agronomy	I	7	AGR/02	Lo Cascio
Fundamentals of Animal Husbandry	II	5,5+1,5+2	AGR/17/18/19	Nardone, Bernabucci, Morera
Fundamentals of Plant Production	II	3+3+3	AGR/2/3/4	Campiglia, Rugini, Saccardo
Fundamentals of Plant Protection	III	6+6	AGR/11/12	Magro, Pucci
Agricultural Economics and Policy	III	3+2+2	AGR/1	Franco, Perone, Severini
Course of choice	III	3		
Year 3				
Agricultural Industries	I	5+2	AGR/15	Anelli, Contini
Farm Evaluation	I	6	AGR/1	Venzi
Course of choice in the area of Economics – Evaluations – Law	I	6	AGR/1 IUS/03	
Hydraulics and Irrigations	II	6	AGR/8	Pica
Rural Buildings	II	6	AGR/10	Gusman
Course of choice in the area Technique – Engineering	II	6	AGR/08/09/10 ING-IND/09	

IT Lab	II	4		Carlini
Course of choice	III	5		
Internship	III	10		
Final test		4		

*Teacher to be assigned

** It is advisable to take the exam of Agricultural Economics and Policy before Farm Evaluation.

It is also advisable to take the exam Fundamentals of Plant Physiology (3 CFU) as one of the courses of choice.

1.2 Curriculum: Production and Protection of Agricultural Plants

Will give you the necessary knowledge and skills to find operational solutions to plant cultivation problems, be it in open fields, greenhouses or nurseries. You will be able to develop and apply strategies for crop control which meet economic needs and allow for environment conservation and the protection of worker and consumer health.

Tutor: Prof. Paolo Magro

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PRODUCTION AND PROTECTION OF AGRICULTURAL PLANTS CURRICULUM (STA/L-PDPA)

Level I Degree course in Agricultural Science and Technologies (STA/L-PDPA)

Production and Protection of Agricultural Plants curriculum

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	Marucci
Fundamentals of Chemistry	I	8	CHIM/03-06	Stazi
Foreign Language	I	6		*
Agricultural Botany	II	6	BIO/03	*
Physics I	II	6	FIS/1/7	De Santis A.
Fundamentals of Agricultural Economics	II	9	AGR/01, SECS-P/07	Carbone A.
Biochemistry and Physiology of the Plant-Soil System	III	3+3+3	AGR/13 BIO/04	Astolfi, D'Ovidio, Moscatelli
Agricultural Genetics	III	6	AGR/07	Porceddu
Course of choice	III	4		
Year 2				
Agronomy	I	7	AGR/02	Lo Cascio
Hydraulics and Agriculture Mechanization	II (III year), I	6+6	AGR/08/09	Pica, Biondi
Fundamentals of Animal Husbandry	II	5,5+1,5+2	AGR/17/18/19	Nardone, Bernabucci, Morera
Horticulture and Plant Genetic Gain	II	3+3	AGR/04/07	Saccardo, De Pace
IT and IT Lab	II	4		Carlini
Fundamentals of Herbaceous and Arboreal Plant Production	III	3+3	AGR/02/03	Casa, Rugini
Agricultural and Food Microbiology	III	7	AGR/16	Canganella
Course of choice	III	5		
Internship	III	4		
Year 3				
Agricultural Industries	I	6+1**	AGR/15	Anelli, Contini
Farm Evaluation	I	6	AGR/01	Venzi
Rural Buildings	II	6	AGR/10	Gusman
Specialisation Course	I	7	AGR/01-2-3- 4-7-8-8-11-12	See Group List
2 Specialisation Courses	II	7+7	AGR/01-2-3- 4-7-8-9-11-12	See Group List
Fundamentals of Plant Protection	III	6+6	AGR/11/12	Magro, Pucci

Internship	III	3		
Final Test		4		

*Teacher to be assigned

** 1 CFU refers to an activity of choice.

1.3 Curriculum: Rural Development Cooperation for Emerging Countries

This is a course which will allow you to work in international rural development projects for developing Countries. You will be in a position to put together and manage plant and animal production systems with a low environmental impact, whilst bearing in mind the economic, demographic and anthropologic aspects of tropical and sub-tropical areas.

You will have knowledge of the structure and functioning of Non-Governmental Organisations (NGO) and International Development Cooperation Institutions.

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RURAL DEVELOPMENT COOPERATION FOR EMERGING COUNTRIES CURRICULUM (STA/L-CS)

Level I Degree course in Agricultural Science and Technologies (STA/L-CS)

Rural Development Cooperation for Emerging Countries curriculum

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	Marucci
Fundamentals of Chemistry	I	8	CHIM/03-06	Stazi
Foreign Language	I	6		*
Agricultural Botany	II	6	BIO/03	*
Physics I	II	6	FIS/1/7	De Santis A.
Fundamentals of Agricultural Economics	II	9	AGR/01	Severini
Agricultural Ecology	III	6	AGR/02	Caporali
Statistics and IT Lab	III	6	INF/01, SECS-S01	Franco
Genetics	III	6	AGR/07	Porceddu
Course of choice	III	1		
Year 2				
Pedology, Microbiology and Soil Chemistry	I	5+4	AGR/13-16	Grego, Di Mattia
Fundamentals of Agricultural Engineering	I	3+3+3	AGR/08-09-10	Petroselli, Cecchini, Ripa
Activity of choice		2		
Fundamentals of Animal Husbandry	II	5,5+1,5+2	AGR/17/18/19	Nardone, Bernabucci, Morera
Fundamentals of Agronomy and Plant Production	II	6+3+3	AGR/02-03-04	Campiglia, Rugini, Saccardo
Fundamentals of Plant Protection	III	6+6	AGR/11-12	Magro, Pucci
Forestry	III	6	AGR/05	Scarascia Mugnozza
Course of choice	III	1		
Year 3				
Development Economics of Emerging Countries	I	10	AGR/01	Angeli
Farm Economics and Organisation – from Agricultural Economics STA/L-STA	III	3	AGR/01, SECS/P10	Franco
Internship	III	4		
Final test	III	4		
Course of choice		5		

*Teacher to be assigned

1.4 Curriculum: Ecological Agriculture

If you believe that agriculture is a set of human activities which has to be geared towards respecting major natural balances, this is degree course for you. Upon completion of the course, you will be able to organise agricultural activities as an harmonious expression of human, physiological and cultural needs, without ignoring the contribution made by science and technological innovation. Agriculture will thus become a consistent agri-environmental system, which respects producer and consumer health, and which promotes employment and human solidarity at the local and world level.

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ECOLOGICAL AGRICULTURE CURRICULUM (STA/L-AE)

Level I Degree course in Agricultural Science and Technologies (STA/L-AE)

Ecological Agriculture curriculum

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	Marucci
Fundamentals of Chemistry	I	8	CHIM/03-06	Stazi
Foreign Language	I	6		*
Agricultural Botany	II	6	BIO/03	*
Physics I	II	6	FIS/1/7	De Santis A.
Fundamentals of Agricultural Economics	II	9	AGR/01	Carbone A.
Agricultural Genetics	III	6	AGR/07	Porceddu
Agricultural Ecology	III	6	AGR/02	Caporali
Statistics and IT Lab	III	6	INF/01 SECS-S/1	Franco
Internship	III	1		
Year 2				
Fundamentals of Agricultural Engineering	I	3+3+3	AGR/08/09/10	Petroselli, Cecchini, Ripa
Soil Management as a Biological Resource	I	5	AGR/16	Di Mattia
Internship	I	5		
Fundamentals of Agronomy and Plant Production	II	(3+2)+2+2	AGR/2/3/4	Campiglia, Rugini, Saccardo
Fundamentals of Animal Husbandry	II	5,5+1,5+2	AGR/17/18/19	Nardone, Bernabucci, Morera
Energy Systems and Quality of the Environment	III	3	AGR/09 ING-IND/09	Carlini
Energy Flow and Nutrients in Eco-efficient Agricultural Systems	III	5	AGR/13	Marinari
Fundamentals of Plant Protection	III	4,5+4,5	AGR/11/12	Magro, Pucci
- Historical and Philosophical Evolution of Ecological Agriculture;	III	2	AGR/02	Caporali
- Human Health, Nutrition and Food Quality;		2	AGR/15	Massantini
- Socio-economic Impact of Ecological Agriculture		2	AGR/01	Franco
Course of choice	III	1		
Year 3				
Planning and Management of Animal Husbandry Systems in Organic Farming	I	3+4	AGR/19/20	Ronchi, Amici
Farm Evaluation	I	6	AGR/01	Venzi
Environmental Impact and the Relevance of Ecological Agriculture	I	5	AGR/02	Mancinelli
Economics and Policy of Sustainable Agriculture	II	6	AGR/01	Dono
Agronomic techniques in Organic Farming	II	6	AGR/02	Paolini
Internship	II	4		

Course of choice	II	8		
Biotic Control in Organic Farming	III	2,5+2,5	AGR/11/12	Pucci, Varvaro
Principles of Planning for Organic Farming Systems	III	3+3+3	AGR/02/03/04	Campiglia, Colla, Muganu
Final Test	III	4		

*Teacher to be assigned

2- DEGREE COURSE IN FORESTRY AND ENVIRONMENTAL SCIENCE (class20)

This degree course teaches students to analyse and monitor ecological and productive forestry and mountain environmental resources, and will allow them to program the use of these resources according to natural management and sustainable development techniques. They will also be in a position to assess the environmental impact of infrastructures and actions, and will be able to improve and restore forestry ecosystems which have been degraded, polluted or destroyed by fires. The ideal student is someone who loves nature, especially forests and mountains, and wants to contribute to their conservation and improvement through a management respectful of natural balances and ecological legislation. As trees and forests play an irreplaceable role within the conservation of fundamental environmental resources such as water and soil, our graduate will also have sound knowledge of soil protection through bio-forestry and engineering techniques. Besides as a junior professional, a graduate may find employment opportunities with the State Forestry Service (Corpo Forestale dello Stato), the Mountainous Communities, Regions and Provinces, the Park Service and environmental engineering and project companies.

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Level I Degree course in Forestry and Environmental Science (SFA/L)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	Marucci
Fundamentals of Chemistry	I	8	CHIM/03-06	Stazi
Foreign Language (English)	I	6		*
Physics I	II	6	FIS/07	De Santis A.
Lithology and Geology	II	6	GEO/04	Madonna
General and Systematic Zoology (with fundamentals of Entomology)	II	8	BIO/05	Zapparoli, Papparatti
Plant Biology (Plant Structure and Functions with Fundamentals of Systematics)	III	8	BIO/03	Tucci
Statistics and IT	III	7	SECS-S/01 INF/01	Franco
Year 2				
Forestry Genetics	I	6	AGR/07	Tanzarella
Forestry Biochemistry	I	4	AGR/13	Luna
Fundamentals of Pedology and Soil Chemistry	I	4	AGR/13	Grego
Forestry Ecology	I	6	AGR/05	Valentini R.
Fundamentals of Forestry and Environmental Economics	II	6	AGR/01	Senni
Topography	II	4	AGR/10	Marucci
Constructions and Cartography	II	3+3	AGR/10	Boccia, Leone
Dendrometry	III	6	AGR/05	Portoghesi
Forestry Environmental Botany	III	6	BIO/03	Scoppola
General Forestry	III	6	AGR/05	Scarascia
Experience in Pieve Tesino (TN)				Anselmi, Rossigni
Year 3				
Forestry Assessment	I	6	AGR/01	Carbone F.
Forestry Mechanization and Chance Safety	I	6	AGR/09	Monarca
Alpine Animal Husbandry and Wildlife	I	6	AGR/19	Valentini A.
Wood Technology and Forestry Use	II	3+3	AGR/06	Baldini, Romagnoli

Fundamentals of Inventory and Forest Management Planning	II	4	AGR/05	Corona
Forestry Pathology and Mycology	III	6+2	AGR/12	Anselmi, Vannini
Hydro-Forestry Structures	III	6	AGR/08	*
Alpine Agronomy – Grasses and Grazings	III	6	AGR/02	Rossini
Experience in Pieve Tesino (TN)				Anselmi, Rossigni
Course of choice		10		
Internship		4		
Final test		4		
Total Degree		180		

*Teacher to be assigned

3- DEGREE COURSE IN ENVIRONMENTAL MANAGEMENT AND PLANNING (class7)

Environmental protection and sustainable development needs, require new specialised professionals focused on specialist analyses of ecological and socio-economic systems and land management. The overall objective of this degree course, managed by the Faculty of Agriculture together with the Faculty of Architecture “Valle Giulia” of the “La Sapienza” University of Rome, is to train technical specialists with in-depth cultural knowledge in the field of analysis, programming and valorisation of the territory. Particular reference is made to the rural and forestry territory, with a view to understanding the environmental changes which take place (ecological, physical, social and economic). The graduate will be able to use the latest available techniques, methods and instruments in order to manage natural, socio-economic and landscape issues. Our graduates will also be able to evaluate environmental impact, to plan and design parks and open spaces. He can find employment within private and public institutions (Natural Parks, protected areas, Local Environment, Agriculture and Public Works Councillors), in the public services and engineering sectors, or set up as an independent professional.

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Level I Degree course in Environment Management and Planning (PGA/L) (Bracciano Campus)

In collaboration with the Faculty of Architecture of Valle Giulia – “La Sapienza” University

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Fundamentals of Mathematics and Physics	I	3 3	MAT/05 FIS/07	De Santis A.
General Ecology with Fundamentals of Environmental Botany	I	3 3	BIO/03 BIO/07	Caporali *
Analysis and Representation of Architecture, Land and the Environment	I	2	ICAR/17	
History of Architecture and Landscape	I	3	ICAR/18	
I Landscaping Laboratory:				Ippolito**
- Landscaping	I	4	ICAR/15	
- Architectural and Urban Composition	I	3	ICAR/14	
- Architecture and Landscape Representation	I	2	ICAR/17	
- Land Use and Enhancement	I	2	AGR/10	Leone
English or another European Union Language	I	2		*
Geology	II	6	GEO/02	Chiocchini
Agronomy and Crop Cultivation Methods;	II	4	AGR/02	Lo Cascio
Land Use and Enhancement		4	AGR/10	Ripa
History of Cities and their Environment	II	3	ICAR/18	*
I Territorial Design Laboratory:				Balbo**
- Territorial Analysis	II	3	ICAR/20	
- Territorial Design	II	4	ICAR/21	
- Thematic Representation of Land	II	2	ICAR/17	
- Crop Cultivation Methods	II	2	AGR/02	Lo Cascio
English or another European Union Language	II	2		

Year 2 and 3	120
Teachers to be assigned:	
<ul style="list-style-type: none"> - Information and Analysis Systems for the Territory and the Environment - Hydro-Forestry Fittings and Bioengineering - Cartography - I Territorial Design Laboratory - Plant Protection - Agricultural and Farm Buildings - I Landscaping Laboratory - Environmental Protection and Recovery Techniques - Project Economic Evaluation Systems - Rational Use of Energy 	<ul style="list-style-type: none"> - Wildlife and Animal Husbandry Management - Enhancement of Archaeological Sites and Cultural Heritage - Laboratory of Planning Synthesis - Herbaceous and Arboreal Crop Cultivation Methods - Forestry science and Forestry Systems Planning - Territorial Marketing, Analysis and Enhancement Feasibility for Tourism - Law and Politics for Territorial and Environmental Development - Course of choice - Degree Dissertation Lab - Internship

* Teachers from Architecture of Valle Giulia or assigned externally by the Faculty of Architecture.

** Lab technicians

NB: 1 CFU = 12,5 teaching hours

4-DEGREE COURSE IN ANIMAL PRODUCTION (class40)

This course provides students with theoretical knowledge, which combined with practical internship experience, allows them to fill qualified positions in the area of animal husbandry systems. For example, technical, hygiene and economic management of animal husbandry, mixed and farming and hunting holdings, which respect food safety, animal health, biodiversity and the environmental equilibrium.

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Level I Degree course in Animal Production (PA/L)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Fundamentals of Chemistry	I	8	CHIM/03-06	Stazi
Mathematics I	I	6	MAT/05	Marucci
Foreign Language (English)	I	6		*
Physics I	II	6	FIS/07	De Santis A.
Agricultural Botany	II	6	BIO/3	*
Laboratory	II	2		Bernabucci
Course of choice	II	5		
Biology, Anatomy, Physiology and Ethology of Domestic Animals	III	5+4	VET/02	Morera, Lacetera
Biochemistry	III	6	BIO/10	D'Annibale
Statistics and IT	III	6	SECS-S/01	Franco
Year 2				
General Animal Husbandry and Genetic Gain	I	9	AGR/17	Nardone
Fundamentals of Microbiology	I	5	AGR/16	Canganella
Nutrition and Feeding for Animals with an Animal Husbandry Interest	II	9	AGR/18	Ronchi
Fundamentals of Agricultural Economics	II	9	AGR/01	Carbone A.
Course of choice	II	5		
Laboratory	II	2		Bernabucci
Animal Husbandry Hygiene	III	6+1+1	AGR/11, AGR/12, AGR/19	Lacetera, Varvaro, Zapparoli
Fundamentals of Agronomy and Herbaceous	III	9	AGR/02	Cereti

Crops				
Internship	III	4		
Year 3				
Specialist Animal Husbandry: Rearing Systems for Polygastric Animals	I	5+3	AGR/19	Amici, Ronchi
Fundamentals of Agricultural Engineering	I	3+3+3	AGR/8; AGR/9; AGR/10	Cecchini, Petroselli, Ripa
Farm Evaluation	I	6	AGR/01	Venzi
Clinical Biochemistry and Clinical Molecular Biology	II	4,5+4,5	BIO/12	Valentini A., Bernabucci
Specialist Animal Husbandry: Rearing Systems for Monogastric Animals	II	6+2	AGR/19	Finzi, Lacetera
Internship	II	3		
Specialist Animal Husbandry: Quality Assessment of Animal Products	III	6	AGR/19	Bernabucci
Fundamentals of Food Science and Technology	III	5	AGR/15	De Santis D.
Internship	III	2		
Final test		4		

*Teacher to be assigned

5- DEGREE COURSE IN TECHNICAL FORESTRY AND WOOD TECHNOLOGIES (class 20)

The degree course provides three different curricula:

- a) Management of Protected Areas
- b) Forestry Technology and Production
- c) Forestry and Environmental Monitoring and Certification

The degree course in Technical Forestry and Wood Technologies, developed together with the State Forestry Service (Corpo Forestale dello Stato) and the Majella National Park, is a scientific and applied forestry course, which seeks to prepare graduates for professional activities in the environmental and forestry area, with particular attention to the analysis, monitoring and certification of forestry ecosystems, mountain and coast environments. Particular attention is also paid to the assessment, the conservation and sustainable management of forestry, water and wildlife resources; as well as the execution of projects and actions for reforestation and forestry engineering; and this with a view to soil and springs protection; the management of river slopes and banks, and the prevention and fight against desertification, forest fires and other factors of environmental degradation.

Among the available curricula, "Management of Protected Areas" provides specific expertise for the planning, designing and management of parks, protected areas and biogenetic reserves, and this with a view supervising the wildlife (Viterbo and Cittaducale – Rieti campus).

Lastly, "Forestry and Environmental Monitoring and Certification" imparts specific knowledge on the control and evaluation in its various aspects of the environment and its resources, with particular attention being paid to the forestry component and natural disasters, as well as the identification and evaluation of environmental risk scenarios (Viterbo and Cittaducale – Rieti campus).

Future employment can be found with the State Forestry Service (Corpo Forestale dello Stato), within Ministries, Regions, Park Service, Mountainous Communities, Educational establishments, industry and as a self employed professional.

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5.1 Curriculum: Management of Protected Areas (Viterbo, Cittaducale-Rieti)

Level I Degree course in Technical Forestry and Wood Technologies (TFTL/L-GAP)

Management of Protected Areas curriculum (Viterbo Campus)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	Marucci

Fundamentals of Chemistry	I	8	CHIM/03-06	Stazi
Foreign Language	I	6		*
Lithology and Geology	II	6	GEO/04	*
Zoology and Fundamentals of Entomology	II	4+4	BIO/05 – AGR/11	Zapparoli, Paparatti
Physics I	II	6	FIS/07	De Santis A.
Statistics and IT	III	7	SECS-S/1 INF/01	Franco
Plant Biology	III	8	BIO/03	Tucci
Course of choice		5		
Year 2				
Dendrology and Xilology	I	6+2	AGR/05-06	Piovesan, Lo Monaco
Forestry Ecology	I	6	AGR/05	Valentini R.
Dasology and Forestry	I	9	AGR/05	Schirone
Wood Chemistry and Pedology	II	5+3	AGR/13	Astolfi *
Forestry Buildings and Topography	II	4+4	AGR/10 ICAR/06	Boccia, Marucci
Dendrometry	III	6	AGR/05	Portoghesi
Forest Genetics and Biodiversity Conservation	III	4+2	AGR/07	De Pace, Pagnotta
Fundamentals of Flora Analysis	III	4	BIO/03	Scoppola
Wildlife Management	III	6	AGR/19	Amici
Year 3				
Forest Nursery and Reforestation	I	4	AGR/05	Bellarosa
Economics and Evaluation of Forestry and Environmental Resources	I	8	AGR/01	Carbone F.
Management of Protected Areas	II	3	AGR/05	*
Environmental and Forestry Legislation	II	4	IUS/03	*
Forest Fire Protection	III	4	AGR/05	Carlini
Hydro-Forestry Structures	III	6	AGR/08	*
Forest Pathology	III	6	AGR/12	Anselmi
Cropping Systems in Protected Areas	III	6	AGR/02	Rossini
Course of choice		5		
Internship		9		
Final test		4		

*Teacher to be assigned

Level I Degree course in Technical Forestry and Wood Technologies (TFTL/L-GAP)

Management of Protected Areas curriculum (Cittaducale Campus)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	*
Fundamentals of Chemistry	I	8	CHIM/03-06	*
Lithology and Geology	I	6	GEO/04	Madonna
Plant Biology	II	8	BIO/03	Tucci
Physics I	II	6	FIS/07	*
Zoology and Fundamentals of Entomology	II	4+4	BIO/05 - AGR/11	Zapparoli, Paparatti
Statistics and IT	III	4+3	SECS-S/01 INF/01	De Pace, *
Fundamentals of Flora Analysis	III	4	BIO/03	*
Foreign Language	III	6		*
Internship		1		
Year 2				
Wood Chemistry and Pedology	I	5+3	AGR/13	Astolfi, *
Dendrology and Xilology	I	6+2	AGR/05-06	Piovesan, Lo Monaco

Forest Genetics and Biodiversity Conservation	I	4+2	AGR/07	De Pace, Pagnotta
Forestry Ecology	II	6	AGR/05	Valentini R.
Dendrometry	II	6	AGR/05	Corona
Forestry Buildings and Topography	III	4+4	AGR/10 – ICAR/06	Marucci, Gusman
Dasology and Forestry	III	9	AGR/05	Schirone
Course of choice		5		
Internship		4		
Year 3				
Wildlife Management	I	6	AGR/19	Amici
Economics and Evaluation of Forestry and Environmental Resources	I	8	AGR/01	Carbone F.
Forest Nursery and Reforestation	I	4	AGR/05	Bellarosa
Management of Protected Areas	II	3	AGR/05	*
Cropping Systems in Protected Areas	III	6	AGR/02	Rossini
Environmental and Forestry Legislation	III	4	IUS/03	*
Hydro-Forestry Structures	III	6	AGR/08	*
Forest Fire Protection	III	4	AGR/05	Carlini
Course of choice		5		
Internship		4		
Final test		4		

*Teacher to be assigned

5.2 Curriculum: Forestry Technology and Production (Viterbo, Cittaducale-Rieti)

Level I Degree course in Technical Forestry and Wood Technologies (TFTL/L-TP)

Forestry Technology and Production curriculum (Viterbo Campus)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	Marucci
Fundamentals of Chemistry	I	8	CHIM/03-06	Stazi
Foreign Language	I	6		*
Lithology and Geology	II	6	GEO/04	Madonna
Zoology and Forest and Wood Entomology	II	4+4	BIO/05 – AGR/11	Zapparoli, Paparatti
Statistics and IT	III	7	SECS-S/1 INF/01	Franco
Plant Biology	III	8	BIO/03	Tucci
Course of choice		5		
Year 2				
Dendrology	I	6	AGR/05	Piovesan
Dasology and Forestry	I	7	AGR/05	Schirone
Wood Industry and Forestry Machinery, Ergonomics	I	5	AGR/09	Monarca
Forestry Buildings	II	5	AGR/11	Boccia
Wood Chemistry and Restoration	II	4	CHIM/12	*
Hydro-Forestry Structures	III	5	AGR/08	*
Dendrometry and Forest Management Planning	III	(5+3)	AGR/05	Portoghesi
Cartography and Fundamentals of Topography	III	3+3	AGR/10 – ICAR/06	Ripa, Marucci
Business Management, Marketing and Certification	III	5	AGR/01	Carbone F.
Course of choice		5		
Internship		4		
Year 3				
Forest Utilization, Infrastructures,	I	6+3	AGR/06	Baldini, Picchio

Ergotechnics				
Wood Technologies	I	6	AGR/06	Romagnoli
Economics and Evaluation, Forestry Legislation	I	5+2	AGR/01-IUS/03	Carbone F., *
Wood Arboriculture and Reforestation	II	6	AGR/05	Bellarosa
Wood Industries	II	5	AGR/06	Lo Monaco
Forestry Chemistry	II	5	AGR/13	Luna
Forest and Wood Pathology	III	7	AGR/12	Tannini
Timber Qualification and Testing	III	3+3	AGR/06	Romagnoli, Lo Monaco
Internship		5		
Final Test		4		

*Teacher to be assigned

Level I Degree course in Technical Forestry and Wood Technologies (TFTL/L-TP)

Forestry Technology and Production curriculum (Cittaducale Campus)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	*
Fundamentals of Chemistry	I	8	CHIM/03-06	*
Lithology and Geology	I	6	GEO/04	Madonna
Plant Biology	II	8	BIO/03	Tucci
Physics I	II	6	FIS/07	*
Zoology and Fundamentals of Entomology	II	4+4	BIO/05 – AGR/11	Zapparoli, Papparatti
Statistics and IT	III	4+3	SECS-S/01 INF/01	De Pace, *
Foreign Language	III	6		*
Course of choice		5		

*Teacher to be assigned

5.3 Curriculum: Forestry and Environmental Monitoring and Certification (Cittaducale-Rieti).

Level I Degree course of Technical Forestry and Wood Technologies (TFTL/L-MC)

Forestry and Environmental Monitoring and Certification curriculum (Cittaducale Campus)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	*
Fundamentals of Chemistry	I	8	CHIM/03-06	*
Lithology and Geology	I	6	GEO/04	Madonna
Plant Biology	II	8	BIO/03	Tucci
Physics I	II	6	FIS/07	*
Zoology and Fundamentals of Entomology	II	4+4	BIO/05 – AGR/11	Zapparoli, Papparatti
Statistics and IT	III	4+3	SECS-S/01 INF/01	De Pace, *
Foreign Language	III	6		*
Internship		1		
Year 2				
Wood Chemistry and Pedology	I	5+3	AGR/13	Astolfi *
Dendrology and Xilology	I	6+2	AGR/05-06	Piovesan, Lo Monaco
Environmental Monitoring and Certification	II	2+2+2+6	AGR/07 – AGR/19 – CHIM/12	De Pace, Pagnotta, Amici
Forestry Ecology	II	6	AGR/05	Valentini R.
Dendrometry	II	6	AGR/05	Corona
Cartography and Land Planning	III	4+4	AGR/10 –	Ripa, Leone

			ICAR/06	
Dasology and Forestry	III	8	AGR/05	Schirone
Course of choice		4		

*Teacher to be assigned

6- DEGREE COURSE OF FOOD TECHNOLOGY (class 20)

In the academic year 2005/2006, the degree course has two curricula:

- Food Technology
- Viticulture and Oenology

This course will provide the basis for future work in the quality and hygiene control of fresh and processed food sector.

You will be capable of managing companies in the field of production, preservation, processing and marketing of agri-food products of plant and animal origin.

If you are interested in viticulture and wine making, you can attend a specialist course, which will provide you with the possibility of becoming an approved oenologist.

Tutor: Prof. Maurizio Ruzzi

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6.1 Curriculum: Agri-Food Technology

Level I Degree course in Food Technology §1 (TA/L-TA)

Food Technology curriculum (Viterbo Campus)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	Marucci
Fundamentals of Chemistry	I	8	CHIM/03	Stazi
Foreign Language	I	6		*
Physics I	II	6	FIS/07	De Santis A.
Fundamentals of Botany and Genetics	II	6+1	BIO/03 – AGR/07	Frediani, Ceoloni
Fundamentals of Agronomy and Plant Production	II	(3+2)+2+2	AGR/02/03/04	Campiglia, Rugini, Saccardo
Food Biochemistry	III	8	BIO710	Luna
Statistics and IT Lab	III	6	SECS-S/01	Franco
Foodstuff Legislation	III	4	IUS/03	Albisinni
Year 2				
Agro-food Industry Economics and Market	I	9	AGR/01	Loseby
Agricultural Microbiology	I	7	AGR/16	Canganella
Fundamentals of Nutritional Science and Food Safety	I	4+4	BIO/10	Tomassi, Merendino
Fundamentals of Animal Husbandry	II	5,5+1,5+2	AGR/17	Nardone, Bernabucci, Morera
Technical Physics and Machinery for the Food Industry	II	3+3	AGR/09 -ING- IND/11	Cecchini
Unitary Operations of Food Technology I and II	III	5	BIO710	Stazi
Year 3				
Agricultural Industries	I	5+2	AGR/15	Anelli, Contini
Agro-food Products Preservation (Pathology and Entomology)	I	4+4	AGR/11 – AGR/12	Chiosi, Guglielmino
Fermentation Chemistry and Biotechnologies	I	4+2	CHIM/11	Ruzzi
Techniques of Food Conditioning and Distribution	II	4+3	AGR/15	Mencarelli, Massantini

Chemical and Physical Analysis and Sensory Evaluation of Food	III	6	AGR/15	De Santis D.
Internship		10		
Course of choice**		10		
Final Test		6		

*Teacher to be assigned

** See Activity List

§1 Students registered in the academic years 2002/03, 2003/04 and 2004/05 can use the list of courses published in the Student Unit Guide of 2004/2005.

6.2 Curriculum: Viticulture and Oenology

Level I Degree course in Food Technology §1

Viticulture and Oenology curriculum (Viterbo Campus)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics I	I	6	MAT/05	Marucci
Fundamentals of Chemistry	I	8	CHIM/03	Stazi
Foreign Language	I	6		*
Physics I	II	6	FIS/07	De Santis A.
Fundamentals of Botany and Genetics	II	6+1	BIO/03 – AGR/07	Frediani, Ceoloni
Fundamentals of Agronomy and Plant Production	II	(3+2)+2+2	AGR/02/03/04	Campiglia, Rugini, Saccardo
Food Biochemistry	III	8	BIO710	Luna
Statistics and IT Lab	III	6	SECS-S/01	Franco
Foodstuff Legislation	III	4	IUS/03	Albisinni
Year 2				
Agro-food Industry Economics and Market	I	9	AGR/01	Loseby
Agricultural Microbiology	I	7	AGR/16	Canganella
Oenological Microbiology	I	4	AGR/16	Manganella
Fundamentals of Nutritional Science and Food Safety	I	4+4	BIO/10	Tomassi, Merendino
Wine Cellar Design and Reagents Management	II	4	AGR/10	Gusman
Oenology I	II	6	AGR/15	Anelli
Viticulture I	II	6	AGR/03	Biasi
Unitary Operations of Food Technology I	III	6	AGR/15	Moresi
Chemical and Biochemical Specifications of Agro-food products	III	5	BIO/10	Stazi
Chemical and Physical Analysis and Sensory Evaluation of Wine	III	5	AGR/15	Anelli
Year 3				
Oenology II	I	6	AGR/15	Esti
Fermentation Chemistry and Biotechnologies	I	4+2	CHIM/11	Ruzzi, Barghini
Technical Physics and Machinery for the Wine Sector	II	5+1	AGR/09 -ING-IND/11	Cecchini
Vine Protection (Pathology and Entomology)	II	3+3	AGR/11 – AGR/12	Chilosi, Pucci
Viticulture II	II	6	AGR/03	*
Winery Management and Organisation	III	4	SECS-P/10	*
Internship		10		
Course of choice		10		
Final Test		6		

*Teacher to be assigned

** See Activity List – These credits can be partly used to complete the basic education which is needed to have direct access to the Specialist Degree Course in Agro-food Technologies and Science, Quality

Management in the Agro-food Chain curriculum. Students of this curriculum HAVE to make up for a 9 CFU shortfall in the area of General Animal Husbandry (SSD: AGR/17) in order to be eligible for the course's registration.

§1 Students registered in the academic year 2004/05 can use the list of courses published in the Student Unit Guide of 2004/2005.

7- DEGREE COURSE IN AGRICULTURAL AND INDUSTRIAL BIOTECHNOLOGIES (class 1)

7.1 Curriculum: Agriculture

This course is run jointly with the Faculty of Sciences MM.FF.NN. of Tuscia University. Biotechnologies, that is to say the use of biologic systems for productive purposes, require multi-disciplinary knowledge and expertise, which this course can give you. The agricultural module is of particular relevance because of the large number of biotechnology applications used in the management and technological innovation of agricultural systems. You will also increase your understanding of legislation, bioethical and deontological issues and how they apply to specific cases.

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Interfaculty Degree Course: Mathematical, Physical and Natural Science - Agriculture.

Level I Degree course in Agricultural and Industrial Biotechnologies

Agriculture curriculum (BIO/L-A)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1 – for both curricula				
Mathematical and Statistical Methods	I	6	SECS-S/02	Scarelli ^S
Animal and Plant Biology	I	4,5+4,5	BIO/05/03	Cottarelli ^S , Frediani ^A
Interview in English	I	4		*
Physics	II	6	FIS/07	*
Bioethics	II	6	M-FIL/03	*
Interview on IT	II	4	INF/01	*
Internship	II	4		Mazzucato ^{AS}
International Biotechnology Law	III	5	IUS/14	*
Fundamentals of Biotechnologies Economics	III	5	AGR/01; SECS-P/06	*
General and Inorganic Chemistry	III	7	CHIM/03	Cecchi ^S
Environmental Impact and Bio-safety	III	5	BIO/07	Arduino ^S
Year 2				
Organic Chemistry	I	7	CHIM/06	Saladino ^S
Genetics	I	6	BIO/18; AGR/07	Ceoloni ^A
Applied English	I	4		*
Biochemistry	II	6	BIO/10	Buonocore ^S
Microbiology	II	6	BIO/19	Federici ^S
Fundamentals of Genetic Gain	II	4	AGR/07	De Pace ^A
Plant Molecular Biology	III	7	BIO/11; AGR/07	Masci ^A
Physiology and Fundamentals of Plant Biotechnologies	III	6	BIO/04	D'Ovidio ^A
Course of choice	III	8		
Internship	III	5		
Year 3				
Agricultural Chemistry	I	5	AGR/13	D'Annibale ^A
Bioinformatics	I	5	BIO/10	Caporale ^S
Fundamentals of Microbial Biotechnologies	I	3+2	CHIM/11	Ruzzi ^A , Barghini ^A
Science and Technique of Crops and In Vitro Cultures	II	3+4	AGR/03	Rugini ^A

Plant Pathology and Fundamentals of Phytopathological Biotechnologies	II	5	AGR/12	Vannini ^A
Plant Production Biotechnologies	III	6	AGR/03	Muleo ^A
Course of choice	III	7		
Internship	III	5		
Final test		15		

*Teacher to be assigned; ^A Faculty of Agriculture; ^S Faculty of Sciences; [§] Internship Coordinator

Level I Degree course in Agricultural and Industrial Biotechnologies

Industry curriculum (BIO/L-I)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1 – for both curricula				
Mathematical and Statistical Methods	I	6	SECS-S/02	Scarelli ^S
Animal and Plant Biology	I	4,5+4,5	BIO/05/03	Cottarelli ^S , Frediani ^A
Interview in English	I	4		*
Physics	II	6	FIS/07	*
Bioethics	II	6	M-FIL/03	*
Interview on IT	II	4	INF/01	*
Internship	II	4		Mazzucato ^{A§}
International Biotechnology Law	III	5	IUS/14	*
Fundamentals of Biotechnologies Economics	III	5	AGR/01; SECS-P/06	*
General and Inorganic Chemistry	III	7	CHIM/03	Cecchi ^S
Environmental Impact and Bio-safety	III	5	BIO/07	Arduino ^S
Year 2				
Organic Chemistry	I	7	CHIM/06	Saladino ^S
Chemical Analysis Methodologies	I	6	CHIM/01	Napoli ^S , Vinciguerra ^S
Applied English	I	4		*
Biological Chemistry and Fundamentals of Biochemical Methodologies	II	9	BIO/10	Buonocore ^S , Caporale ^S
Microbiology and Fundamentals of Industrial Microbiology	II	9	BIO/19	Federici ^S , Fenice ^S
Immunology	II	5	MED/04	Velotti ^S
Genetics and Fundamentals of Microbial Genetics	III	9	BIO/18	Prantera ^S , Gualandi ^S
Course of choice	III	5		
Internship	III	5		
Year 3				
Industrial Biochemistry	I	6	BIO/10	Garzillo ^S
Bioinformatics	I	5	BIO/10	Caporale ^S
Animal and Plant Biotechnologies	II	10	BIO/05; BIO/03; BIO/06	Scapigliati ^S , Tiezzi ^S
Molecular Biology and Fundamentals of Applied Molecular Biology	III	9	BIO/11	Zolla ^S , Timperio ^S
Course of choice	III	10		
Internship	III	5		
Final test		15		

*Teacher to be assigned; ^A Faculty of Agriculture; ^S Faculty of Sciences; [§] Internship Coordinator

**Phasing out of Previous Degree Courses
Degree Course 2005/2006 (third year only)**

Ecological Agriculture and Rural Development

Two available curricula
(class 20)

ECOLOGICAL AGRICULTURE CURRICULUM

Level I Degree course in Ecological Agriculture and Rural Development

Ecological Agriculture curriculum

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 3				
Design and Management of Animal Husbandry Systems	I	3+3+4	AGR/19/20	Amici, Ronchi, Finzi
Decision Making Optimisation in the Ecological Agriculture	I	6	AGR/01	Franco
Environmental Impact and Relevance of Ecological Agriculture	I	4	AGR702	Mancinelli
Ecological Agriculture as a Trade	II	6	AGR/01	Dono
Internship	II	5		
Activity of choice	II	9		
Biotic Control in Organic Farming	III	3+2	AGR/11/12	Pucci, Varvaro
Principles of Organic Farming Systems Design	III	3+3+3	AGR/02/03/04	Paolini, Colla, Muganu
Course of choice	III	1		
Final test	III	5		

RURAL DEVELOPMENT COOPERATION FOR EMERGING COUNTRIES CURRICULUM

Level I Degree course in Ecological Agriculture and Rural Development

Rural Development Cooperation for Emerging Countries Curriculum

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 3				
Economics of Development in the Emerging Countries	I	10	AGR/01	Angeli
Ecological Agriculture in the Emerging Countries	I	2	AGR/01, SECS/P10	Franco
Internship	I	6		
Ergonomics, Energy Systems and Quality of the Environment	II	5+5	AGR/09, ING-IND/09	Monarca, Carlini
Water Resources in Agro-forestry Systems	II	10	AGR/08	Pica
Fundamentals of Anthropology and Sociology of Development	III	10	BIO/08-SPS/08	*
Internship	III	4		
Final Test	III	5		

**Phasing out of Previous Degree Courses
Degree Course 2005/2006 (second and third years only)**

Rural and Environmental Planning Science
(class 7)

Level I Degree course in Rural and Environmental Planning Science (SPRA/L)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 2				
Territorial Agricultural Law	I	8	IUS/09-14	Albisinni
Ancient Topography	I	6	L-ANT/09	Gianfrotta
Fundamentals of Agronomy and Herbaceous Crops	II	12	AGR/02-03	Campiglia
Fundamentals of Animal Husbandry	II	5,5+1,5+2	AGR/17-18-19	Nardone, Bernabucci, Morera
Internship	II	4		
Landscaping	III	6	ICAR/15	Ripa
Urban Engineering	III	9	ICAR/20	Gusman, Leone
Fundamentals of Forestry	III	9	AGR/05	Corona, Agrimi, Piovesan
Year 3				
Rural Development Politics	I	6	AGR/01	Senni
Internship	I	4		
Farm Evaluation	I	6	AGR/01	Venzi
Economics	II	6	AGR/01	Dono
Agricultural Buildings	II	9	AGR/10	Gusman
Technical and Environmental Physics	II	3+6	ING-IND/11	Cecchini, Monarca
Hydro-Forestry Structures	III	6	AGR/08	*
Internship	III	3		
Course of choice	III	4		
Final Test	III	4		

*Teacher to be assigned

Food Technology

Three available curricula
(20 class)

The degree course provides three curricula:

- a) Food Technology;
- b) Viticulture and Oenology ;
- c) Catering and Distribution of Food.

Level I Degree course in Food Technology

Food Technology Curriculum

Course	Quarter	CFU	SSD	Teacher 2005/06
Courses for student registered under the old regulation (2004/2005)				
Year 2				
Agro-food Industry Economics and Market	I	9	AGR/01	Loseby
Agricultural Microbiology	I	7	AGR/16	Canganella
Fundamentals of Nutritional Science and Hygiene	I	4+4	BIO/10 – MED/42	Tomassi, Merendino
Fundamentals of Agronomy and Plant Production	II	(3+2)+2+2	AGR/02/3/4	Campiglia, Rugini, Saccardo
Technical Physics and Machinery for the Food Industry	II	3+3	AGR/09 - ING-IND/11	Cecchini

Unitary Operations of Food Technology I and II	III	6+3	AGR/15	Moresi
Food Microbiology	III	7	AGR/16	Canganella
Analytical Chemistry and Laboratory	III	5	CHIM/01	Stazi
Year 3				
Fermentation Chemistry and Biotechnologies	I	4+2	CHIM/11	Ruzzi
Agro-food Products Preservation (Pathology and Entomology)	I	4+4	AGR/11 – AGR/12	Chiosi, Guglielmino
Techniques of Food Conditioning and Distribution	II	4+3	AGR/15	Mencarelli, Massantini
Chemical and Physical Analysis and Sensory Evaluation of Food	III	6	AGR/15	De Santis D.
Foodstuff Legislation	III	4	IUS/03	Albisinni
Food Microbiology	III	7	AGR/16	Canganella
Internship		10		
Final test		6		

Level I Degree course in Food Technology

Viticulture and Oenology Curriculum (Viterbo campus)

Course	Quarter	CFU	SSD	Teacher 2005/06
Courses for student registered under the old regulation (2004/2005)				
Year 2				
Agro-food Industry Economics and Market	I	9	AGR/01	Loseby
Agricultural and Oenological Microbiology	I	6+3	AGR/16	Canganella
Fundamentals of Nutritional Science and Hygiene	I	4+4	BIO/10 – MED/42	Tomassi, Merendino
Vine Protection (Pathology and Entomology)	II	3+3	AGR/11 – AGR/12	Chilosi, Pucci
Oenology I	II	6	AGR/15	Anelli
Viticulture I	II	6	AGR/03	Biasi
Unitary Operations of Food Technology I	III	6	AGR/15	Moresi
Analytical Chemistry and Laboratory	III	5	CHIM/01	Stazi
Course of choice**		5		
Year 3				
Oenology II	I	8	AGR/15	Esti
Fermentation Chemistry and Biotechnologies	I	4+2	CHIM/11	Ruzzi, Barghini
Technical Physics and Machinery for the Wine Sector	II	5+1	AGR/09 - ING-IND/11	Cecchini
Wine Cellar Design and Reagents Management	II	4	AGR/10	Gusman
Viticulture II	II	6	AGR/03	*
Winery Management and Organisation	III	4	SECS-P/07-10	*
Chemical and Physical Analysis and Sensory Evaluation of Wine	III	5	AGR/15	Anelli
Internship		10		
Course of choice**		5		
Final test		6		

*Teacher to be assigned

** See Activity List

Level I Degree course in Food Technology

Viticulture and Oenology Curriculum (Velletri campus)

Course	Quarter	CFU	SSD	Teacher 2005/06
Courses for student registered under the old regulation (2004/2005)				
Year 2				
Food Biochemistry	I	8	BIO/10	Luna
Technical Physics and Machinery for the Wine	I	6	AGR/09 -	Cecchini

Sector			ING-IND/11	
Statistics and IT Lab	II	6	SECS-S/01, INF/01	*
Agricultural and Oenological Microbiology	II	6+3	AGR/16	Canganella
Oenology I	II	6	AGR/15	Esti
Unitary Operations of Food Technology I	III	6	AGR/15	*
Viticulture I	III	6	AGR/03	Biasi
Fundamentals of Nutritional Science and Hygiene	III	4+4	BIO/10 – MED/42	Tomassi, Merendino
Chemical and Physical Analysis and Sensory Evaluation of Wine	III	5	AGR/15	*
Year 3				
Oenology II	I	8	AGR/15	Massantini
Additional Interview on Wine Cellar Design and Refluents Management		1§	AGR/10	Ripa
Viticulture II	II	6	AGR/03	*
Winery Management and Organisation	III	4	SECS-P/07- 10	*
Vine Protection (Pathology and Entomology)	III	3+3	AGR/11 – AGR/12	Chilosi, *
Chemical and Physical Analysis and Sensory Evaluation of Wine	III	5	AGR/15	*
Internship		10		
Course of choice**		10		
Final test		6		

*Teacher to be assigned

** See Activity List

§ “Fundamentals of Agricultural Engineering” (9 CFU) is accepted as “Technical Physics and Machinery for the Wine Sector” (6CFU) and as part of “Wine Cellar Design and Refluents Management” (3 out of 4 CFU).

Level I Degree course in Food Technology

Catering Curriculum (Velletri campus)

Course	Quarter	CFU	SSD	Teacher 2005/06
Courses for student registered under the old regulation (2004/2005)				
Year 2				
Food Biochemistry	I	8	BIO/10	Luna
Technical Physics and Machinery for Catering	I	5	AGR/09 - ING-IND/11	Cecchini
Analytical Chemistry and Laboratory	I	5	CHIM/01	*
Statistics and IT Lab	II	6	SECS-S/01, INF/01	*
Agricultural and Food Microbiology	II	6+3	AGR/16	Canganella
Techniques of Catering and Distribution (logistics, Systems, Raw Materials and Products)	II	5	ING-IND/35	*
Unitary Operations of Food Technology I	III	6	AGR/15	*
Foodstuff Quality Management	III	8	AGR/15	*
Fundamentals of Nutritional Science and Hygiene	III	4+4	BIO/10 – MED/42	Tomassi, Merendino
Year 3				
Techniques of Food Conditioning and Distribution	I	6	AGR/15	Botondi
Fermentation Chemistry and Biotechnologies	I	6	CHIM/11	Barghini
Fundamentals of Quality Management and Safety in Catering and Food Distribution	II	5	AGR/15-16	*
Foodstuff Legislation	II	4	IUS/03	*
Management and Organisation of Restaurants and Food Distribution Companies	III	5	SECS-P/07- 10	*

Food and Foodstuff Preservation	III	4+4	AGR/11+12	Chilosi, *
Internship		10		
Course of choice**				

*Teacher to be assigned

** See Activity List

SPECIALIST DEGREE COURSES

Level II Degree Courses (Specialist)

The list of Specialist Degree courses which are available for each Degree Course and Class can be found below:

- Agroecology (77/S class)
D.C. Agricultural Science and Technologies
- Agricultural Biotechnologies (7/S class)
D.C. Agricultural Biotechnologies
- Conservation and Restoration of the Forestry Environment and Soil Protection (74/S class)
D.C. Forestry Techniques and Wood Technologies
- Animal Production (79/S class)
D.C. Animal Production
- Forestry and Environmental Science (74/S class)
D.C. Forestry and Environmental Science
- Agricultural Sciences and Technologies (77/S class)
D.C. Agricultural Science and Technologies
- Agro-food Technology and Science (78/S class)
D.C. Food Technology
- Rural and Land Planning Science (54/S class)
D.C. Environmental Management and Planning
- Science and Technology for the Quality of the Plant Production (77/S class)
D.C. Agricultural Science and Technologies
- Wood Technologies and Industries (77/S class)
D.C. Forestry Techniques and Wood Technologies

1- SPECIALIST DEGREE COURSE IN AGRICULTURAL SCIENCES AND TECHNOLOGIES (class 77/S)

The Specialist Degree Course in Agricultural Science and Technology (STA/LS) is in the 77/S class (Agricultural Science and Technologies Specialist Degree Class) and it is organised in three curricula:

- 1) Agricultural Science and Technologies curriculum (STA/S-STA)
- 2) Agricultural Economics and Policy curriculum (STA/S-EPA)
- 3) Rural Development of Emerging Countries (STA/S-SRE)

This Specialist degree course recognises in full the 180 credits acquired with the level I degree course in:

- Agricultural Science and Technologies (one curriculum)
- Agricultural Science and Technologies (four curricula)
- Agricultural Science and Technologies curriculum
- Rural Development Cooperation for Emerging Countries curriculum

1.1 Curriculum: Agricultural Sciences and Technologies (STA/LS-STA)

You will be able to study the main aspects of the agricultural sector in greater depth (cultivation, plants protection, stock farming), especially the legal and economic, engineering and technical areas. You will be capable of running an agricultural holding or be a successful agronomist.

Tutor: Prof. Paolo Biondi

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Level II Degree course in Agricultural Science and Technologies (STA/LS-STA)

Agricultural Science and Technologies curriculum

Course	CFU	SSD	Teacher 2005/06
Year 1			
Mathematics II	4	MAT/05	Marucci
Physics II	4	FIS/07	De Santis A.
Biological Soil Fertility	6	AGR/13	Moscatelli
Statistics and IT	6	INF/1, SECS-S/1	Franco
One course of choice in Plant Production from the Specialising Courses of the PDPA curriculum (STA/L)	9	AGR/2/3/4	See Production and Protection of Agricultural Plants curriculum (STA/L degree course)
One course of choice in Crop Protection from the Specialising Courses of the PDPA curriculum (STA/L)	9	AGR/11/12	See Production and Protection of Agricultural Plants curriculum (STA/L degree course)
One course of choice from: - Nutrition and Feeding for Animals of Animal Husbandry Interest - Specialist Animal Husbandry: Rearing Systems for Polygastric Animals - Specialist Animal Husbandry: Rearing Systems for Monogastric Animals - Other course of the same SSD	9	AGR/17/18/19	See degree course in Animal Production (40 class)
Farm Management	8	AGR/1	Franco
Year 2			
Topography	8	AGR/10	Marucci
One Technical-Engineering course of choice (see relevant list)	6	AGR/8/9/10 ING-IND/09	----
A second Technical-Engineering course of choice	6	AGR/8/8/9/10 ING-IND/09	----
Agricultural Community Law	6	IUS/03	Albisinni
One Economic – Evaluation course of choice	6	AGR/1	----
Course of choice	11		
Internship	9		
Dissertation	8		

- Students that didn't pass the exam in Agricultural Policy on the STA/L degree course, have to attend this course.

1.2 Curriculum: Agricultural Economics and Policy (STA/LS – EPA)

Management methods and logic of agricultural holdings and the sector in general will be taught in this course; you will learn how to organise activities in this sector, in keeping with the environmental resources available to agriculture and in keeping with consumer needs; you will be taught how to use agricultural market and rural development policy as well as how to organise and manage complex projects.

Tutor: Prof. Liano Angeli

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angeli@unitus.it

Level II Degree course in Agricultural Science and Technologies (SFA/LS-EPA)

Agricultural Economics and Policy curriculum

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics II	I	4	MAT/05	Marucci
Farm Management	I	8	AGR/01	Franco
Economic – Evaluation course of choice	I	6	AGR/01	----
Agricultural Law		6	IUS/03	*
Economic – Evaluation course of choice		6	AGR/01	----

Economic – Evaluation course of choice		6	AGR/01	----
Statistics and IT		6	INF/1 SECS-S/	Franco
Economic – Evaluation course of choice		6	AGR/01	----
Animal Husbandry course of choice (from the courses of Level I and II Degree courses of Animal Production)**		6	AGR/17-18-19-20	----
Course of choice		6		
Year 2				
Economic – Evaluation course of choice		6	AGR/01	----
Statistics II		3	INF/1 SECS-S/	----
Engineering course of choice***		6	AGR/08-10 ING-IND/09	----
Course of choice		10		
Internship		9		
Dissertation		8		

- The courses in “Evaluation” and “Agricultural Policy” are compulsory if the student didn’t pass the same exams during the Level I Course.

*Teacher to be assigned

** Suggested course “Specialist Animal Husbandry: Quality Assessment of Products of Animal Origin”.

*** Suggested courses “Rural and Land Planning Science” and “Agriculture Mechanization”

1.3 Curriculum: Rural Development of Emerging Countries (STA/LS – SRP)

This course is for those of you who want to operate internationally in rural development projects for Emerging Countries, construct and manage plant and animal production systems with a low environmental impact, whilst taking account of economic, demographic and anthropological aspects. In addition to the technical aspects of agriculture, forestry and animal husbandry, the course will also provide students with information on the structure and functioning of International Cooperation Development Institutions (FAO, IFAD, World Food Program, World bank, FMI, etc.), the Directorate General of Development Cooperation of our Ministry of Foreign Affairs and Non-Governmental Organisations (NGO).

Tutor: Prof. Liano Angeli

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Level II Degree course in Agricultural Science and Technologies (SFA/LS-SRP)

Rural Development of Emerging Countries curriculum

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics II	I	4	MAT/05	Marucci
Statistics II		3	INF/01, SECS-S/1	*
Biological Soil Fertility		6	AGR/13	Moscatelli
Advanced Development Economics		6	AGR/01	Senni
Advanced Agricultural Policy		6	AGR/01	Dono
Seminar		4	AGR/01	Angeli
Tropical and Sub-Tropical Herbaceous Fruit Crops		3	AGR/02	Del Puglia
Tropical and Sub-Tropical Industrial Herbaceous Crops		3	AGR/02	Del Puglia
Plant and Flower Nursery Cultivations		6	AGR/04	Saccardo
Tropical and Sub-Tropical Entomology		4	AGR/11	Olmi
Foreign Language		6	LIN-L..	*
Course of choice		3		
Total CFU		60		
Year 2				
Creation and Economic Analysis of Rural		6	AGR/01	Angeli

Development Projects				
Principles and Techniques of Dry Farming and Irrigation		6	AGR/02	Lo Cascio
Post-Harvesting and Agricultural Products Transformation		5	AGR/15	Mencarelli
Tropical and Sub-Tropical Plant Pathology		4	AGR/12	Anselmi
Agricultural Law for International Trade		6	IUS/13/03	Albisinni
Automated Design and GIS		5	AGR/10	Gusman
Course of choice		13		
Internship		9		
Dissertation		8		
Total CFU			60	

*Teacher to be assigned

2- SPECIALIST DEGREE COURSE IN AGROECOLOGY (class77/S)

The specialist degree course in AGROECOLOGY is an innovative course which looks to the future and complements the first level degree course in Ecological Agriculture. It started as an internationalisation pilot project of the Ministry of Education, University and Research (MIUR), which foresees study periods abroad at the best Universities in the area of sustainable agriculture. This project is currently included in an European program which brings together students and teaching staff from numerous Agriculture Faculties. This degree course provides a high level of professional and scientific competence in the agri-environmental sector, which is in full expansion.

Tutors: Prof. Fabio Caporali

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Prof. Enio Campiglia

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This Specialist degree course recognises in full the 180 credits acquired with the level I degree courses in Agriculture.

Level II Degree course in Agroecology (AGR/LS)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Ecology of Agricultural Ecosystems	I	6	AGR/02	Caporali
Agro-food Sector Economics	I	7	AGR/01	Carbone A.
Exams of choice	I	6		
Internship	I	1		
Economics and Policies of Environmental and Natural Resources *	II	8	AGR/01	Venzi
Biological and Fertility *	II	6	AGR/13	Moscatelli
Weed Ecophysiology and Control *	II	5	AGR/02	Paolini
Stage: experimental learning in organic farms *	II	1		Caporali
Agro-climatology and Ecophysiology	III	2,5+2,5	AGR/02/19	Campiglia, Lacetera
Genetic Resources in the Mediterranean Environment	III	6	AGR/07	La Fiandra
Prevention of Phytodiseases	III	4	AGR/12	Varvaro
Internship	III	5		
Year 2				
Land Planning	I	5	AGR/10	Leone
Course of choice	I	15		
Meadows and Pastures in the Mediterranean Environment	II	4	AGR/02	Campiglia
Plant Physiopathology	II	4	AGR/12	Magro
Course of choice	II	2		
Internship	II	1		
Dissertation	II	9		

Biological Control of Pests	III	4	AGR/11	Pucci
Dry Farming	III	6	AGR/02	Lo Cascio
Dissertation	III	10		

* in English language

3-SPECIALIST DEGREE COURSE IN SCIENCE AND TECHNOLOGY FOR THE QUALITY OF THE PLANT PRODUCTION (class 77/S)

This Specialist degree course recognises in full the 180 credits acquired with the level I degree course in:

- Production and Protection of Agricultural Plants
- Agricultural Science and Technology (four curricula)
- Production and Protection of Agricultural Plants curriculum

You will be able to acquire all the technical and scientific information needed for the creation and control of herbaceous, arboreal and horticultural productive chains, and will be able to adapt them to the various climatic and pedological conditions with an in depth understanding of crop protection. The multi-disciplinary approach to the qualitative aspects of plant production will allow you to manage both the organisation of production in the field, and monitor its transformations, ensuring safety and transparency of the agricultural productions you manage.

Tutor: Prof. Carlo Fausto Cereti

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Level II Degree course in Science and Technology for the Quality of the Plant Production

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics II	I	4	MAT/05	Marucci
Plant Physiology	I	5	BIO/04	D'Ovidio
Genetic Gain for the Quality and Disease Resistance in Agricultural Plants	I	4+4	AGR/07	La Fiandra, Soressi
Internship	I	3		
Biological Soil Fertility	II	4	AGR/13	Moscatelli
Flora Analysis	II	4	BIO/03	Scoppola
Advanced Agronomy	II	4+3	AGR/02	Casa, Paolini
Course of choice	II	5		
Herbaceous Crops II	III	4+3+3	AGR/02	Rossini, Cereti, Del Puglia
Horticulture and Floriculture II	III	7	AGR/04	Colla
Internship	III	1		
Dissertation	III	2		
Year 2				
Advanced Agro-Food Technologies and Animal Nutrition	I	4+5	AGR/15/18	Mencarelli, Ronchi
Entomology (Biological and Integrated Control and Tropical and Sub-Tropical Entomology)	I	6+4	AGR/11	Pucci, Olmi
Final Test	I	1		
Advanced Agricultural Mechanisation	II	6	AGR/10	Biondi
Plant Pathology	II	4+7	AGR/12	Magro, Varvaro
Dissertation	II	3		
Course of choice	III	4		
General Arboriculture and Arboreal Crops	III	3+1+3+5	AGR/03	Biasi, Rugini, Muleo, *
Dissertation	III	4		

*Teacher to be assigned

4- SPECIALIST DEGREE COURSE IN RURAL AND LAND PLANNING SCIENCE (class 54/S)

This Specialist degree course recognises in full the 180 credits acquired with the level I degree course in Rural and Environmental Planning Science

This course will provide you with further training in how to face up to and solve the various problems in the agricultural and forestry landscape. You will have specific knowledge of rural, environmental and landscape planning methods and techniques. Furthermore, you will know how to interpret the trends and outcomes of changes in the countryside, also in relation to socio-economic changes, and how to develop strategies for administrations, institutions and companies in order to restore, improve and transform suburbs, the landscape and the rural environment.

Prof. Adolfo Gusman
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Level II Degree course in Rural and Land Planning Science

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics II	I	4	MAT/05	Marucci
Geology	I	8	GEO/02	*
Computerised Technical Design for Territorial Mapping	II	6	ICAR/06-17	Marucci
Physics II	II	4	FIS/01	De Santis
Crop Cultivation Methods for Land Planning	II	3+2+2+2	AGR/02-03	Casa, Biasi, Cereti, Rugini
Urban Engineering	III	8	ICAR/20	Gusman
Agricultural and Forestry Land Planning	III	5	AGR/10	Leone
Protected Crops and Environmental Impact	III	4	AGR/04	Colla
Environmental Botany	III	2+4	BIO/03	Scoppola
Internship	III	4		
Year 2				
Land Information Systems (LIS)	I	5	ICAR/06	Ripa
Rural Development Economics and Policy	I	6	AGR/01	Venzi
Restoration and Recovery of Rural Building	I	4	AGR/10	Gusman
Internship	I	5		
Land Evaluation	II	6	AGR/01 SECS-S/01	Coletta
Water Resource Planning and Hydrology	II	5	AGR/08	Pica
Course of choice	II	6		
European Territorial Law	II	4	IUS/14	Albisinni
Crop Protection	III	4+4	AGR/11-12	Varvaro, Pucci
Forestry and Forestry Resources Planning	III	5+3	AGR/05-06	Corona, Baldini
Dissertation	III	5		

*Teacher to be assigned

5- SPECIALIST DEGREE COURSE IN THE CONSERVATION AND RESTORATION OF THE FORESTRY ENVIRONMENT AND SOIL PROTECTION (class 74/S)

This Specialist degree course recognises in full the 180 credits acquired with the level I degree course in Forestry Techniques and Wood Technologies

This is a specialist degree course that deals with the major forestry conservation and soil protection issues. Graduates will have the necessary competences to carry out complex and inter-disciplinary coordination and guidance activities in the following sectors:

- monitoring and analysis of the environment and of forestry, mountain and coastal ecosystems;
- forestry planning and ecological land planning;

- sustainable management, eco-certification and conservation of forestry, mountain and coastal resources.
- Development and management of soil protection and forestry engineering plans;
- Development and management of silviculture and reforestation plans in areas affected by hydro-geological activity; of projects to fight desertification and protect springs, and of projects for the improvement, recovery and restoration of degraded environments;
- Study and evaluation of environmental impact in forestry, mountain and coastal areas;
- Geo-morphological analysis and monitoring of the land in relation to landslides and floods.

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Prof. Gianluca Piovesan
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Prof. Ugo Chiocchino
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Level II Degree course in Conservation and Restoration of the Forestry Environment and Soil Protection (CRAFDS/LS)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics II	I	4	MAT/04	Marucci
Geomorphology and Geopedology	I	13	GEO/04	Madonna
Dendroecology and Forest Ecophysiology	II	3+3	AGR/05	Piovesan, Schirone
Advanced Forestry Mechanization and Construction	II	4	AGR/09	Monarca
Forest Technologies	II	3+3	AGR/06	Romagnoli, Baldini
Land Information Systems (LIS) and Remote Sensing	III	9	AGR/10	Leone
Environmental Chemistry and Bioindicators	III	4	CHIM/12	*
Foreign Language		6		
Course of choice		8		
Year 2				
Planning, Construction and Testing	I	6	AGR/10	Boccia
Environmental Assessments	I	8	AGR/01	*
Ecological Planning of Forestry Land and Reforestation	II	4+5	AGR/05	Piovesan, Schirone
Forest Management Planning	II	8	AGR/05	Corona
Geology applied to Soil Conservation and Technical Geology	III	7	GEO/05	Chiocchini
Advanced Hydro-Forestry Structures and Bioengineering	III	6	AGR/08	*
Course of choice		2		
Internship		3		
Dissertation		11		

*Teacher to be assigned

6- SPECIALIST DEGREE COURSE IN AGRI-FOOD TECHNOLOGY AND SCIENCE (class 78/S)

This Specialist degree course recognises in full the 180 credits acquired with the level I degree course in:

- Food Technologies
- Agri-food Technologies curriculum

Curriculum: Quality Management in the Agri-Food Chain

This course will prepare you to set up as a professional in the agri-food sector, with specific competences in the optimization of conservation and processing methods of agri-food products; in the use of production

processes of adjuvants and packaging for the food industry; in the fine tuning of innovative techniques for the quality evaluation of finished products and related hygiene and health aspect.

Tutor: Prof. Maurizio Ruzzi

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Level II Degree course in Agri-food Science and Techniques (TA/LS)

Quality Management in the Agri-food Chain curriculum

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Mathematics II	I	4	MAT/05	Marucci
Hygiene Control of Food Production	I	4+4	AGR/16	Canganella, Ruzzi
Olive Growing	I	(2+3)	AGR/03	Rugini
Innovation of Conditioning and Distribution	I	4	AGR/15	Mencarelli
Emerging Technologies for the Food Industry	II	4	AGR/15	Moresi
Physics II	II	4	FIS/07	De Santis A.
Viticulture (Viticultural Techniques)	II	5	AGR/03	Biasi
Foodstuff and Certification Legislation	II	2	IUS/03	Albisinni
Genetic Gain for the Quality of Agricultural Plants	III	6	AGR/07	La Fiandra
Foreign Language	III	6		*
Course of choice	III	6		
Internship for the dissertation		5		
Year 2				
Advanced Statistics	I	7	SECS-S/01	Filadeo
Quality Management and Control in the Oil Chain	I	4	AGR/15	Contini
Course of choice	I	6		
Agricultural Products Analysis	II	4	AGR/13	Stazi
Advanced Fermentation Chemistry	II	4	CHIM/11	Barghini
Quality Management and Control in the Wine Chain	II	5	AGR/15	Mencarelli
Quality Management and Control in the Dairy Chain	II	5	AGR/15	De Santis D.
Agro-food Company Economics and Evaluation	III	6	AGR/01	Coletta
Dissertation		20		

*Teacher to be assigned

Suggested activities: Inspections on Food of Animal Origin (6 CFU, teacher to be assigned; III quarter); Self Control Systems in the Food Production (6 CFU; teacher Cecchini, quarter to be defined).

7- SPECIALIST DEGREE COURSE IN ANIMAL PRODUCTION class 79/S)

This Specialist degree course recognises in full the 180 credits acquired with the level I degree course in Animal Production.

This course complements the first level degree course by looking more closely at both the upstream and downstream productive processes in animal breeding, (fodder industries, slaughterhouses, meat processing centres, dairies, cheese factories, and so on). More specifically, the course prepares the graduate for future employment in all the important areas of food safety and hygiene, chemical, nutritional, organoleptic and technological quality control of products of animal origin.

Tutor: Prof. Umberto Bernabucci

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Level II Degree course in Animal Production (PA/LS)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Agricultural Chemistry Analysis	I	6	AGR/13	D'Annibale
Animal Feedstuff Techniques	I	5+2	AGR/18	Bernabucci, Ronchi
Agro-food Sector Economics	I	6	AGR/01	Carbone A.
General Pathology and Veterinary Morbid Anatomy	II	3+3	VET/03	Lacetera, Morera
Laboratory	II	6		Bernabucci
Course of choice	II	5		
Statistics for Experimental and Technical Research	III	6	SECS-S/02	Valentini A.
Inspection of Foodstuffs of Animal Origin	III	6	VET/04	*
Additional Language Tuition	III	6		*
Dissertation	III	6		
Year 2				
Quality Assessment of the Products of Animal Origin	I	7+2	AGR/19	Bernabucci, Finzi
Internship	I	6		
Course of choice	I	5		
Pharmacology and Veterinary Toxicology	II	9	VET/07	*
Food Science and Technologies	II	6	AGR/15	De Santis D.
Internship	II	4		
Molecular Biology	III	4+3	BIO/11	Valentini A., Nardone
Laboratory	III	4		Bernabucci
Dissertation	III	10		

*Teacher to be assigned

8-AGRICULTURAL BIOTECHNOLOGIES (class 7/S)

The Specialist Degree Course in Agricultural Biotechnologies (BA/LS) is in the 7/S class (Agricultural Science and Technologies Specialist Degree Class) and is organised in just one curriculum:

This Specialist degree course recognises in full the 180 credits acquired with the level I degree course in:

- Agricultural and Industrial Biotechnology
- Agriculture curriculum

Want to be in charge of your own future? Want to understand nature's ways? Want to have an active role in our understanding of nature? By attending the specialist degree course in Agricultural biotechnologies you will have the necessary knowledge to tackle and solve problems which is of essential importance to your employment prospects. Graduates will be able to use innovative techniques for GMO traceability, for the genetic improvement of plants and micro-organisms, for the identification, recognition and safeguarding of natural diversity, for the production of secondary metabolites to be used in food and for safeguarding human and animal health.

Tutor: Prof. Rosario Muleo

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Level II Degree course in Agricultural Biotechnologies (BIO/LS)

Course	SSD	Quarter	CFU	Teacher 2005/06
Year 1				
Agricultural Biotechnologies Economics	AGR/01	I	6	Perone Pacifico
Plant Biotechnologies	BIO/04	I	4	D'Ovidio
Genetic Gain II	AGR/07	I	4	La Fiandra
Physics II and Advanced Technical Methodologies	FIS/07	II	4	De Santis A.

Micro-Organism Physiology	CHIM/11	II	4	Ruzzi
Genome Organisation and Gene Expression in Domestic Animals	AGR/17	II	4	Valentini
Soil Quality Conservation	AGR/13	III	4	Grego
Fermentation Biotechnologies	CHIM/11 AGR/15	III	3+1+4	Ruzzi, Barghini, Moresi
Micro-Organism Biotechnologies	AGR/16	III	4	Canganella
Advanced Chemical Methodologies and Techniques	AGR/13	III	4	*
Year 2				
Phytopathological Biotechnologies	AGR/12	I	4	Vannini
Molecular Physiology and Biology of Arboreal Plants	AGR/03	I	4	Muleo
Seed Production Biotechnologies	AGR/07	I	4	MAzzucato
Advanced Systems of In Vitro Cultures and Secondary Metabolite Production	AGR/03	II	4+4	* Muleo
Post-Harvest Technologies and Biotechnologies	AGR/15	II	4	Botondi
Course of choice			6	
Dissertation			40	

*Teacher to be assigned

9- SPECIALIST DEGREE COURSE IN FORESTRY AND ENVIRONMENTAL SCIENCE (class 74/S)

This Specialist degree course recognises in full the 180 credits acquired with the level I degree course in **Forestry and Environmental Science**.

This specialist degree course is geared to those students who want to make sure they have the necessary advanced knowledge to operate in the sector of forestry and environmental management at coordinating or managerial level, or to students who professionally want to move into new sectors where an in-depth knowledge of forestry and environmental systems is essential. Furthermore, this specialisation will allow students to move into the area of scientific research and innovation. The course seeks to provide students with a high degree of scientific and operational grounding in the area of resources, and in respect of technological and economic aspects of the rural territory and forest environment. The objective is to educate specialists in carrying out basic and applied research, promotion and development of scientific and technical innovation with a view to the planning, conservation, valorisation of forestry, ecological and productive resources and sustainable development of mountain and forest territory.

Graduates will be able to examine and solve environmental planning and programming problems, and manage complex actions for the protection and valorisation of natural and forestry resources. In the areas of forest, mountain and park environmental analysis and management there are also numerous possibilities for further specialisation. Besides working as an independent professional, course graduates are well prepared to work as staff members or managers in State Forestry Service (Corpo Forestale dello Stato), the Mountainous Communities, the Regions, the Provinces, the Park Service and environmental engineering and project companies.

Tutors: Prof. Piermaria Corona
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Prof. Paolo De Angelis
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Level II Degree course in Forestry and Environmental Science (SFA/LS)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
Forestry Ecophysiology	I	5	AGR/05	De Angelis
Mathematics II	I	5	MAT/05	Marucci, De Santis
Physics II	II	5	FIS/07	De Santis
Forest Microbiology	II	5	AGR/16	Di Mattia
Plant Science	II	5	BIO/03	Scoppola
Specialist Forestry	III	10	AGR/05	Scarascia

				Mugnozza
Forest Entomology	III	5	AGR/11	Paparatti
Application of Specialist Forestry in the Field			AGR/05	Scarascia Mugnozza
Year 2				
Forestry and Environmental Economics, Legislation and Politics	I	6	AGR/01	Cormegna
Foreign Language II (French)	I	6		*
Remote Sensing and Forest Information Systems	II	6	AGR/05	Valentini R.
Forest Management Planning	II	6	AGR705	Corona
Advanced Hydro-Forestry Structures and Bioengineering	III	8	AGR/08	*
Forest Fire Protection	III	5	AGR/05	Carlini
Course of choice		20		
Internship		4		
Dissertation		20		
Total Specialist Degree		120		

*Teacher to be assigned

10-SPECIALIST COURSE IN WOOD TECHNOLOGIES AND INDUSTRIES (class 77/S)

This Specialist degree course recognises in full the 180 credits acquired with the level I degree course in Forestry Techniques and Wood Technology.

The course is designed to impart specialist knowledge, not only on the types of industrial and crafts uses of wood but also on energy use, environmental sustainability and occupational hygiene and safety in the wood sector.

The main focus of the course is on innovative technologies, without losing sight of traditional technologies and IT applications.

The graduate in Wood Technologies and Industries is qualified to:

- Carry out basic and applied research and promotional and development activities of scientific and technological innovation in the forestry/wood sector;
- Work as an independent professional (upon registration) on site planning, and assessing and coordinating actions for the protection and valorisation of wood as a resource within industry or for public and private bodies;
- Use advanced methodologies of surveying and interpreting data.

The course consists of lectures, laboratory exercises for a better understanding and experience with experimental methods, and company placements for a better knowledge of and opportunity on the employment market.

Seminars and internships in companies and public and private laboratories, as well as study periods at other Italian Universities or Universities abroad are also foreseen in the framework of international agreements.

Tutor: Prof. Sanzio Baldini

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baldini@unitus.it

Level II Degree course in Wood Technology and Industries

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 1				
IT	I	7	INF/01	*
Wood Chemistry	I	6	AGR/13	Luna
Wood in Historical and Artistic Heritage	I	7	AGR/06	Romagnoli
Technical Design, Planning and Construction in Wood	II	3+3+1	ICAR/17 AGR/10 ICAR/13	Gusman
Physics II	II	5	FIS/07	De Santis A.

Wood Processing Company Management	II	7	AGR/01	Carbone F.
Production and Products in the Wood Industry	III	6+2	AGR/06 AGR/13	Baldini, Luna
Quality Systems	III	8	AGR/06	Lo Monaco
Advanced Wood Entomology and Pathology	III	3+2	AGR/11 AGR/12	Paparatti, Anselmi
Year 2				
Ergonomics and Machinery for the First and Second Processing of Wood	I	5+1+4	AGR/09	Monarca
The Trade in Wood and International Trade Institutions	I	6	AGR/01	Severini
Application of Plant Structural Polymers	II	4	CHIM/05	*
Energy Supply in Industrial Plants	II	4	ING-IND/09	Carlini
Glues, Paints, Treatment and Finishing of Wood	III	4+2	AGR/13 AGR/06	Luna, Romagnoli
Course of choice	III	10		
Foreign Language Internship	III	15		
Dissertation	III	5		

*Teacher to be assigned

Phasing out of Previous Degree Courses Specialist Degree Course 2005/2006 (second year only)

Agro-Food Science and Technology (class 78/S)

a) Quality Management in the Agro-Food Chain curriculum

This Specialist degree course recognises in full the 180 credits acquired with the level I degree course in:

- Food Technology
- Agro-Food Technology curriculum

Level II Degree course in Agro-Food Science and Technology (TA/LS)

Quality Management in the Agro-Food Chain curriculum (year 2 under the old structure)

Course	Quarter	CFU	SSD	Teacher 2005/06
Year 2				
Internship for Dissertation	I	10		
Quality Management and Control in the Oil Chain	I	4	AGR/15	Contini
Advanced Statistics	I	8	MAT/06	Fidaleo
Course of choice	I	6		
Advanced Fermentation Chemistry	II	3	CHIM/11	Barghini
Quality Management and Control in the Wine Chain	II	5	AGR/15	Mencarelli
Quality Management and Control in the Dairy Chain	II	5	AGR/15	De Santis D.
Genetic Gain for the Quality of Agricultural Plants	III	4	AGR/07	La Fiandra
Dissertation		15		

STRUCTURES & SERVICES

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Laboratories

IT Room, Chemistry, Microscopy, Didactic Collections, Design; Research work in departmental laboratories

Technician: Ing. Paolo Marcantonio

Opening hours: Monday to Friday 8.00 am – 8.00 pm; Saturday 8.00 am to 2.00 pm

Library

20,000 books & magazines with 183 desk spaces. The library also organises a course for students about "Instructions for use of the library and for writing of the dissertation" as AFS with 1 CFU.

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e-mail: agbib@unitus.it

Opening hours: Monday to Friday 9.00 am-19.00 pm

Herbarium Museum for the Tuscia Region

With approximately 18.000 dried plants of Italian/European flora documenting the vegetable bio-diversity of our terrains.

Tuscia University Alpine Centre of Study of Pieve Tesino (Trento) - (CSALP)

Used mainly for the forestry and agricultural study-fields; it has a botanical garden, didactic hall with didactic herbarium and a phyto pathology herbarium.

Director: Prof. Piermaria Corona - e-mail: piermaria.corona@unitus.it

Tel. + 39 0461 594626 – 0461 357425 – fax + 39 0461 592766

Educational and experimental farm "N.Lupori"

Experimental farm of 38 Ha with greenhouses and equipment for experimentation and teaching; 1 km from the faculty premises.

Director: Prof. Roberto Paolini

Tel. + 39 0761 357057 - 357058; e-mail: azagr-d-s@unitus.it

Tutoring Service

Tel. 0761/357581; e-mail: tutoragraria@unitus.it

Opening hours: Monday-Friday 9.00 am- 1.00 pm

Microscopy Room

Technician: Prof. Paolo Magro

Chemistry Lab

Technician: Prof.ssa Carla Caruso

Didactic Collections Room (by the Faculty and the Via Pinzi location)

(herbarium, wood, minerals, insects, plants breeding form models, etc)

Technician: Prof. Anna Scoppola

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How to get there

There are two urban bus routes which connect the Faculty to the centre with a stop at Piazza della Rocca (close to Porta Fiorentina and the train station) and as final destination Piazza del Sacratio. The suburban routes stop within walking distance from the Faculty.

Behind the faculty there is a large parking lot, with easy access to the building.

Course Secretariat

Tel. 0761.357199 - 357169

Course Secretariat - Three year Degree Course in Technologies for the conservation and restoration of cultural heritage (class 41).

Via Pinzi 44,
tel. + 39 0761.320843
e-mail: segreteria41@unitus.it

Velletri campus

CUV (Velletri University Consortium)
Via della Cantina Sperimentale, 1, 00049 Velletri
Tel. and fax + 39 06.9631384

COURSE STRUCTURE

New Regulations

The Reform of the course structure has led to the following breakdown of the University education:

Three year degree course (three years and 180 credits)

Specialist degree course (two more years and 120 more credits, which total to 300 credits)

Specialist diploma (can vary depending on courses and curricula)

PhD (three years after the Specialist degree course)

Masters of level I or level II (one year and 60 credits; after the three year degree course or after the Specialist degree course).

The CFU (University Formative Credit)

The CFU system was introduced in substitution of the one based on the number of exams taken, and the CFU is the unit of measurement for the student's work within the course. One CFU corresponds to 25

standard hours of study, which includes lectures, exercises, seminars, laboratory or field research and individual study-time for passing the exam (or test).

For Tuscia University one CFU corresponds to one ECTS.

Degree Course Coordinators

Three year degree course in Archaeological Heritage, Underwater Archaeology and two year specialist degree course in Archaeology:

Prof.ssa Mirella Cipolloni (0761.357185; e-mail: mcipolloni@unitus.it)

Three year degree course in Historical and Artistic Heritage and two year specialist degree course in Art History and the Protection of Historic and Artistic Heritage:

Prof. Enrico Parlato (0761.357677), e-mail: parlato@unitus.it)

Three year degree course in Records and Archives Science and two year specialist degree in Management and Valorisation of written and multimedia documentation:

Prof. Luciano Osbat (0761.357158, e-mail: osbat@unitus.it)

Three year degree course in Technologies for the Conservation and Restoration of Cultural Heritage:

Prof.ssa Simona Rinaldi (e-mail: rinaldi@unitus.it)

The Study Board of the Cultural Heritage degree course (class 13) is the same as for the Faculty: the coordination for each of the degree courses is done by professors Mirella Cipolloni, Luciano Osbat and Enrico Parlato respectively.

THREE YEAR DEGREE COURSES

CULTURAL HERITAGE (CLASS 13)

The course provides the necessary skills to become active in various professions linked to historical, artistic, archaeological, library, archive and audiovisual heritage. Graduates can join the labour market as staff working on communication, valorisation and better use of cultural heritage, more specifically cataloguing and filing. There are three modules which allow those who want to further develop and complement their three year course, to continue their studies in a two year specialist degree course which will lead to more highly qualified professional positions.

Three year degree course of Cultural Heritage (class 13)

Course	Class	CFU	Teacher
Roman Antiquity	13	5+5	Vania di Stefano
Culture Anthropology	13	5	Sandra Puccini (from the Faculty of Modern Languages)
Physical Anthropology	13	5	Alessandro Canci
Classical Archaeology (Greek module)	13	5+5	Maria Trojani
Classical Archaeology (Roman module)	13	5+5	Carlo Pavolini
Classical Archaeology (History of Archaeology module)	13	5+5	Stefano De Angeli

Archaeology of Magna Grecia and Sicily	13	5+5	Maria Troiani
Archaeology and History of Art in the Ancient Levant	13	5+5	Candida Felli
Aegean Archaeology	13 (Archaeologic Heritage)	5+5	Isabella Morabito
Phoenician and Punic Archaeology	13	5+5	Sandro Filippo Bondi (on leave ex art.17; from Archaeology and History of Art of Ancient Levant)
Industrial Archaeology	13	5	Enrica Torelli
Medieval Archaeology	13	5+5	Elisabetta De Minicis
Underwater Archaeology	13	5+5	Piero A. Gianfrotta
Zoological Archaeology	13	5	Francesca Alhaique
Archive Economics	13	2	Vincenzo Franco
Audio-visual Archives	13	10	Ansano Giannarelli
Comparative Archive Administration	13	2	Antonio Dentoni Litta
General Archive Administration and History of Archives (first module)	13	5	Giovanni Paoloni (from General Archive Administration and History of Archives)
General Archive Administration and History of Archives	13	5+5	Giovanni Paoloni
Specialist Archive Administration and Archive Laboratory	13	10	Erlide Terenzoni
Assyriology	13 (Archaeological Heritage)	10	Salvatore Viaggio
Bibliology and Cataloguing of Ancient Books	13	5	Maria Cristina Misiti
Systemic Botany	From 41 (for Archaeological Heritage)	5	Faculty of Sciences
Analytical Chemistry	13	10	Claudia Pelosi
Advanced Chemistry	13	5+5	From Analytical Chemistry
Advanced Physics	From 41	5	Giorgio Accardo
Conservation and Restoration of Paper Materials	13	5	Paolo Crisostomi
Documentation	13	2	Anna Osbat
Greek and Roman Dramaturgy	13	5+5	From Exegesis of Literary Sources
Palaeolithic Ecology and Archaeology	13	5+5	Mauro Calattini
Public Administration	13		From the Faculty of

Science			Economics
Egyptology	13	5+5	Loretta Del Francia
Fundamentals of Radiophony	13	6	Pasquale Santoli
Greek Epigraphy	13	5+5	Andrea Zambrini
Exegesis of Literary Sources	13	5+5	Maddalena Vallozza
Exegesis of Historical Medieval Sources	13	5	Amedeo de Vincentiis
Aesthetics	13	5	Massimo Carboni
Etruscology	13	5+5	Marina Micozzi
Acoustic Physics and Voice and Hearing Physiology	13	5	Andrea Paoloni
Phonetics and Phonology	13	7	Amedeo De Dominics
Geography	13	5+5	Giuliano Bellezza
Glottology	13	10	Marco Mancini (from the Faculty of Modern Languages)
Iconography and Iconology	13	5	Francesca Pomarici
Landscape as Cultural Heritage	13	1	Giuliano Bellezza
IT for Archives	13	5	Luigi Londei
IT for Documentary Cataloguing of Cultural Heritage	From 41	5	Carlo Cacace
Fundamentals of Public Law	13	5	From Cultural and Environmental Heritage Law
Cultural and Environmental Heritage Law	13	5	Diego Vaiano
Historic Centres Law	13	5	Beatrice Mirri
Greek Literature	13	10	Maddalena Vallozza
Italian Literature	13	5+5	Paolo Procaccioli
Latin Literature	13	5+5	Antonella Ghignoli
French	13	5	University's Linguistic Centre
English	13	5	University's Linguistic Centre
General Linguistics	13	5+5	Amedeo De Dominics
Surveying and Excavation Methods and Techniques	13	5+5	Carlo Pavolini
Museology and History of Collections	13	5	Cecilia Mazzi
Ancient Numismatics	13	5+5	Alessia Rovelli
Paleography, Codicology and Diplomatics	13	5+5	Antonella Ghignoli
Paletnology	13	5+5	Mirella Cipolloni
Papyrology	13	5+5	Francesco Sisti
European Prehistory and Protohistory	13	5+5	Daniela Zampetti

Fundamentals of Bibliography and Library Science	13	5+5	From Fundamentals of Library Science
Fundamentals of Library Science	13	5+5	Giovanni Solimine
Restoration of Audio Media	13	7	Luciano D'Aleo
Science and Technology of Materials	From 41	5	Maurizio Marabelli
Contemporary History	13	10	Gabriella Ciampi
Contemporary History	13	10	Elio D'Auria
Contemporary History	13	5+5	Giovanni Solimine
History of Medieval Settlements and Agricultural Landscape	13	5	Angela Lanconelli
History of Contemporary Architecture	13	5	Daniela De Dominicis
History of Byzantine Art	13	5	Raffaella Menna
History of Contemporary Art	13	5+5	Elisabetta Cristallini Patrizia Mania
History of Art in European Countries I	13	5	Enrico Parlato
History of Art in European Countries II	13	5	Patrizia Mania
History of Art in a Regional Area in the modern age	13	5	Salvatore Anselmi
History of Medieval Art	13	5+5	Maria Andaloro
History of Modern Art	13	5+5	Enrico Parlato Daniela Cavallero
History of Drawing, Engraving and Graphics	13	5	Daniela Cavallero
History of Art Criticism	13	5	Luigi Ficacci
History of Photography	13	5	Augusto Pieroni
History of Miniature	13	5	Silvia Maddalo
History of Music	13	5	Franco Carlo Ricci (from the Faculty of Modern Languages)
History of Protection	13	10	Marco Paolino Simona Rinaldi
History of Libraries	13	5	Giovan Battista Sguario
History of Medieval Cities and Settlements	13	5	Anna Modigliani

History of Books, Printing and Publishing	13	5	Varo Augusto Vecchiarelli
History of Restoration	13	5+5	Maria Ida Catalano
Renaissance History	13	5	Paola Farenga
History of the Ancient Levant	13	5+5	Lucia Mori
History of Goldsmiths and Applied Arts	13	5	Ivana Bruno
History of Artistic Techniques	Loaned by 41	10	Simona Rinaldi
History and Criticism of Cinema	13	5	From the Faculty of Modern Languages
Greek History	13	10	Andrea Zambini
Medieval History	13	5+5	Massimo Miglio
Medieval History	13	5+5	Alfio Cortonesi
Modern History	13	10	Luciano Osbat
Modern History	13	5	From Modern History
Roman History	13	10	Federico De Romanis
Techniques of Recording and Restoration of Audio Media	13	5	Roberto Carapellucci
Theory and Techniques of the Restoration of artefacts	13	5	Mario Micheli
Theory and Techniques of Cataloguing and Classification	13	5+5	Piero Innocenti (on leave ex art.17; substitutes Giovanni Solimine and Cristina Cavallaio)
Ancient Topography	13	5+5	Piero A. Gianfrotta
Medieval Topography	13	5	Elisabetta De Minicis
Urban Planning in Classical World	13	5+5	Marcello Spanu

TECHNOLOGIES FOR THE CONSERVATION AND RESTORATION OF CULTURAL HERITAGE (CLASS 41)

The course – organised in cooperation with the Faculties of Agriculture and Mathematical, Physical and Natural Science – has a specific technical and scientific slant and seeks to train professionals who have a basic interdisciplinary grounding and are capable of working in the area of diagnostics and evaluation of the state of conservation of cultural heritage, and to collaborate in finding solutions to remove detrimental factors.

Interfaculty three year degree course in Technologies for the Conservation and Restoration of Cultural Heritage (class 41).

Course	Class	CFU	Teacher
Classical Archaeology (Greek module)	From 13	5+5	Maria Trojani

Classical Archaeology (Roman module)	From 13	5+5	Carlo Pavolini
Classical Archaeology (History of Archaeology module)	From 13	5+5	Stefano De Angeli
Industrial Archaeology	From 13 and 95/s	10	Enrica Torelli
Medieval Archaeology	From 13	5+5	Elisabetta De Minicis
General Archive Administration and History of Archives	From 13	5+5	Giovanni Paoloni
Specialist Archive Administration and Archive Laboratory	From 13	10	Eride Terenzoni
Bibliology and Cataloguing of ancient books	From 13	5	Maria Cristina Misiti
Botany applied to Cultural Heritage	41	5	Faculty of Science
Chemistry of Restoration	41	10	Maurizio Marabelli
General and Inorganic Chemistry	41	5	Faculty of Science
Organic Chemistry applied to Cultural Heritage	41	5	Roberta Bernini Enrico Mincione
Advanced Physics	41	10	Giorgio Accardo
Dendrochronology and Technology of Wood	41	5	Manuela Romagnoli
Colorimetric Diagnostics	41	5	Sergio Omarini
Ecology applied to Cultural Heritage	41	5	Faculty of Science
Etruscology	From 13	5+5	Marina Micozzi
Geography	From 13	5+5	Giuliano Bellezza
Iconography and Iconology	From 13 and 95/s	5+5	Francesca Pomarici
Spectrographic and Raman Investigations	41	5	Alberto De Santis
IT applied to Documentary Cataloguing of Cultural Heritage	From 41	5	Carlo Cacace
Cultural and Environmental Heritage Law	From 13	5	Diego Vaiano
Historic Centres Law	From 13	5	Beatrice Mirri
Surveying and Excavation Methods and Techniques	From 13	5+5	Carlo Pavolini
Museology and History of Collection	From 13 and 95/s	10	Cecilia Mazzi
Paleography,	From 13	10	Antonella Ghignoli

Codicology and Diplomatics			
Papyrology	From 13	5	Francesco Sisti
European Prehistory and Protohistory	From 13	5+5	Daniela Zampetti
Science and Technology of Materials	41	10	Maurizio Marabelli
Contemporary History	From 13	10	Elio D'Auria
Contemporary History	From 13	10	Gabriella Ciampi
Contemporary History	From 13	10	Marco Paolino
History of Drawing, Engraving and Graphics	From 13	10	Daniela Cavallero
History of Books, Printing and Publishing	From 13	5	Varo Augusto Vecchiarelli
History of Restoration	41	10	Licio Borrelli Vlad
History of Byzantine Art	From 13	5	Raffaella Menna
History of Contemporary Art	From 13	10	Elisabetta Cristallini
History of Art in European Countries I	From 13 and 95/s	10	Enrico Parlato
History of Art in European Countries II	From 13	5	Patrizia Mania
History of Art in a Regional Area in the modern age	From 13	10	Salvatore Anselmi
History of Art Criticism	From 13	5	Luigi Ficacci
History of Miniature	From 13 and 95/s	5+5	Silvia Maddalo
History of Medieval Art I	From 13	10	Maria Andaloro
History of Modern Art	From 13	10	Daniela Cavallero
History of Goldsmiths and Minor Arts	From 13 and 95/s	10	Ivana Bruno
Library History	From 13	5	Giovan Battista Sguario
History of Artistic Techniques	41	10	Simona Rinaldi
Greek History	From 13	10	Andrea Zambrini
Medieval History	From 13	10	Massimo Miglio
Medieval History	From 13	10	Alfio Cortonesi
Modern History	From 13	10	Luciano Osbat
Roman History	From 13	10	Federico De Romanis
Theory and Techniques of the Restoration of	41	5+5	Giuseppe Morganti

Monuments			
Theory and Techniques of Pictorial Restoration	41	10	Paolo Virilli
Theory and Techniques of Sculpture Restoration	41	10	Maria Grazia Chilosi
Theory and Techniques of Architectural Restoration	From 95/s	5	Stefano Gizzi
Theory and Techniques of Artefacts Restoration I	41	5	Giorgio Capriotti
Theory and Techniques of Artefacts Restoration II A-L	41	5	Giorgio Capriotti
Theory and Techniques of Artefacts Restoration II M-Z	41	5	Lorenza D'Alessandro
Theory and Techniques of Book Restoration	From 13	5	From Conservation and Restoration of Paper Materials
Theory and Techniques of Cataloguing and Classification	From 13	5	Piero Innocenti (on leave ex art.17; substitute Giovanni Solimine)
Zoology applied to Cultural Heritage.	From 13	5	From the Faculty of Science

Under Class 13, the second and third year of the module "History and Science of Museums", located in Velletri, and the degree courses in "Archaeological Heritage", "Historical and Artistic Heritage" and "Records and Archives Science" and the third year of the degree course in "Underwater Archaeology" are also running.

Three year degree course in Underwater Archaeology. Third year.

Course	Class	CFU	Teacher
Roman Antiques	From 13	5	Vania Di Stefano
Physical Anthropology	From 13	5	Alessandro Canci
Classic Archaeology (Greek module)	From 13	5	Maria Trojani
Classic Archaeology (Roman module)	From 13	5	Carlo Pavolini
Classic Archaeology (Archaeology History Module)	From 13	5	Stefano De Angeli
Archaeology and History of Art of the Ancient Levant	From 13	5	Candida Felli
Aegean Archaeology	From 13	5	Isabella Morabito
Phoenician and Punic Archaeology	From 13	5+5	Sandro Filippo Bondi (on leave ex art.17; from Archaeology)

			and History of Art of the Ancient Levant
Medieval Archaeology	From 13	5	Elisabetta De Minicis
Marine Archaeology	Underwater Archaeology		Carlo Beltrame
Underwater Archaeology	Underwater Archaeology	5+5	Piero Alfredo Gianfrotta
Underwater Archaeology	Underwater Archaeology	3	Martin Bueno
Zoological Archaeology	From 13	4+1	Francesca Alhaique
Assyriology	From 13	10	Salvatore Viaggio
Systemic Botany	From 41	3	From Botany Applied to Cultural Heritage (Faculty of Sciences)
Advanced Chemistry	From 13	3	Claudia Pelosi (from Analytical Chemistry)
Chemistry of Restoration	From 41	10	Maurizio Marabelli
Advanced Physics	From 41	5	Giorgio Accardo
Dendrochronology	From 41	2	Manuela Romagnoli
Law on Navigation	Underwater Archaeology	3	Onofrio Spinoso
Greek and Roman Dramaturgy	From 13	5	From Exegesis of Literary Sources
Palaeolithic Ecology and Archaeology	From 13	5	Mauro Calattini
Egyptology	From 13	5	Loretta Del Francia
Greek Epigraphy	From 13	5+5	Andrea Zambrini
Exegesis of Literary Sources	From 13	5+5	Maddalena Vallozza
Etruscology	Underwater Archaeology	3	Marina Micozzi
Geography	Underwater Archaeology	4	Ester Cecioni
Geology applied to Archaeological Prospecting	Underwater Archaeology	3	Gioacchino Lena
Marine Geology	Underwater Archaeology	3	Fabrizio Aumento
Fundamentals of Public Law	From 13	5	From Cultural and Environmental Heritage Law
Cultural and Environmental Heritage Law	From 13	1	Diego Vaiano
Greek Literature	From 13	5+5	Maddalena Vallozza
Italian Literature	From 13		Paolo Procacciali
Latin Literature	From 13	5+5	Antonella Ghignoli
French	From 13	5	University's Linguistic Centre
English	From 13	5	University's Linguistic Centre
General Linguistics	From 13	5	Amedeo De Dominicis
Methods and Techniques of Land	Underwater Archaeology	6	From Underwater Archaeology

Forming and Underwater Archaeological Work			
Surveying and Excavation Methods and Techniques	From 13	5	Carlo Pavolini
Marine Microbiology	Underwater Archaeology	2	Francesco Cangarella
Ancient Numismatics	Loaned by 13	5	Alessia Rovelli
Biological Oceanography applied to Marine Archaeology	Underwater Archaeology	3	Marco Marcelli
Paletnology	From 13	5+5	Mirella Cipolloni
European Prehistory and Protohistory	From 13	5+5	Daniela Zampetti
Contemporary History	From 13	5	Elio D'Auria
Contemporary History	From 13	5	Gabriella Ciampi
Contemporary History	From 13	5	Marco Paolino
History of Ancient Levant	From 13	5	Lucia Mori
History of Byzantine Art	From 13	5	Raffaella Menna
Greek History	From 13	5+5	Andrea Zambini
Medieval History	From 13	5	Massimo Miglio
Medieval History	From 13	5	Alfio Cortonesi
Modern History	From 13	5	Loaned by Modern History
Roman History	From 13	5+5	Federico De Romanis
Ancient Topography	From 13	5+5	Piero A. Gianfrotta
Urban Planning in the Classical World	From 13	5+5	Marcello Spanu

TWO YEAR SPECIALIST DEGREE COURSES

ARCHAEOLOGY (CLASS 2/S)

Specialist Degree Course in Archaeology 2/S

Course	Class	CFU	Teacher
Roman Antiquity	2/s	5	Vania Di Stefano
Culture Anthropology	95/s, 2/s	5	Sandra Puccini (from the Faculty of Modern Languages)
Physical Anthropology	2/s	5	Alessandro Canci
Classic Archaeology (Greek module)	2/s	5	Maria Trojani
Classic Archaeology (Roman module)	2/s	5	Carlo Pavolini
Classic Archaeology	2/s	5	Stefano De Angeli

(Archaeology History Module)			
Archaeology and History of Art of Ancient Levant	2/s	5	Candida Felli
Aegean Archaeology	2/s	5	Isabella Morabito
Phoenician and Punic Archaeology	2/s	5	Sandro Filippo Bondi (on leave ex art. 17; from Archaeology and History of Art of the Ancient Levant)
Medieval Archaeology	2/s	5	Elisabetta De Minicis
Underwater Archaeology	2/s	5	Piero Alfredo Gianfrotta
Zoological Archaeology	2/s	5	Francesca Alhaique
Systemic Botany	2/s	5	From the Faculty of Sciences
Advanced Chemistry	2/s	5	Claudia Pelosi (from Analytical Chemistry)
Advanced Physics	2/s	5	Giorgio Accardo
Palaeolithic Ecology and Archaeology	2/s	5	Mauro Calattini
Greek Epigraphy	2/s	5	Andrea Zambrini
Etruscology	2/s	5	Marina Micozzi
Geography	2/s	5	Giuliano Bellezza
Fundamentals of Public Law	2/s	5	From Cultural and Environmental Heritage Law
Cultural and Environmental Heritage Law	2/s	5	Diego Vaiano
Greek Literature	2/s	5	Maddalena Vallozza
Italian Literature	2/s	5	Paolo Procacciali
Latin Literature	2/s	5	Antonella Ghignoli
General Linguistics	2/s	5	Amedeo De Dominicis
Surveying and Excavation Methods and Techniques	2/s	5	Carlo Tavolini
Ancient Numismatics	2/s	5	Alessia Rovelli
Paleography, Codicology and Diplomatics	2/s	5	Antonella Ghignoli
Paletnology	2/s	5	Mirella Cipolloni
Papyrology	2/s	5	Francesco Sisti
European Prehistory and Protohistory	2/s	5	Daniela Zampetti
History of Medieval Settlements and Agricultural Landscape	95/s, 2/s	5	Angela Lanconelli
History of the Ancient Levant	2/s	5	Lucia Mori
History of Byzantine Art	95/s, 2/s	5	Raffaella Menna
History of Medieval	95/s, 2/s	5	Maria Andaloro

Art			
History of Medieval Cities and Settlements	95/s, 2/s	5	Anna Modigliani
Greek History	2/s	5	Andrea Zambini
Medieval History	95/s, 2/s	5	Massimo Miglio
Medieval History	95/s, 2/s	5	Alfio Cortonesi
Roman History	2/s	5	Federico De Romanis
Ancient Topography	2/s	5	Piero A. Gianfrotta
Medieval Topography	2/s	5	Elisabetta De Minicis
Urban Planning in the Classical World	2/s	5	Marcello Spanu

MANAGEMENT AND VALORISATION OF WRITTEN AND MULTIMEDIA DOCUMENTATION (CLASS 5/S)

Specialist Degree Course in Management and Valorisation of Written and Multimedia Documentation 5/S

Course	Class	CFU	Teacher
Multimedia Applied to the Transmission of Knowledge	5/s	8	Dr. Gino Roncaglia (from the Faculty of Modern Languages)
General Archive Administration – Advanced seminar	5/s	1	Giovanni Paoloni
Public Archives – Advanced seminar	5/s	2	Giovanni Paoloni
Private Archives – Advanced seminar	5/s	2	Luciano Osbat
Specialist Archive Administration II	5/s	10	Luciano Osbat
Bibliology and Cataloguing of Ancient books	5/s	55	Maria Cristina Misiti
Discipline of Books – Story and Themes I	5/s	2	Piero Innocenti (on leave ex art.17; substitute Giovanni Solitine)
Discipline of Books – Story and Themes II	5/s	2	Giovanni Solimine
Fundamentals of History of Italian Literature Criticism	5/s	5	Paolo Procaccioli
Electronic Geography	5/s	5	Giuliano Bellezza
Documentary Information	5/s	10	Maurizio Vivarelli
Humanistic Literature	5/s	5	Paola Casciano
Library Management and Comparative Library Science	5/s	10	Giovanni Solimine
History of the Risorgimento	5/s	5	Elio D'Auria

History of Contemporary Italy	5/s	5	Gabriella Ciampi
History of Post-unification Institutions	5/s, 95/s	5	Marco Paolino
Modern Age Historiography	5/s	5	Claudio Canonici
Contemporary Age Historiography I	5/s	5	Elio D'Auria
Contemporary Age Historiography II	5/s	5	Gabriella Ciampi
History, Theory and Techniques of Bibliography and Catalogue Entries	5/s	5	Piero Innocenti (on leave ex art.17; substitute Giovanni Solimine)
Topics and Problems of Contemporary Archive Science	5/s	10	Giovanni Paoloni
Theory and Techniques of Cataloguing and Classification – advanced seminar	5/s	1	Paul Weston
Theory and Techniques of Manuscripts' Cataloguing	5/s	5	Ambrogio Maria Piazzoni

HISTORY OF ART AND THE PROTECTION OF HISTORIC AND ARTISTIC HERITAGE (CLASS 95/S).

Specialist Degree Course in History of Art and the Protection of Historic and Artistic Heritage 95/S

Course	Class	CFU	Teacher
Culture Anthropology	95/s, 2/s	5	Sandra Puccini (from the Faculty of Modern Languages)
Industrial Archaeology	95/s	5	Enrica Torelli
Cultural Heritage Economics and Policy	95/s	5	Michele Trimarchi
Aesthetics	95/s	5	Massimo Carboni
Iconography and Iconology	95/s	5	Francesca Pomarici
Museology and History of Collections	95/s	5	Cecilia Mazzi
Science and Technology of Materials	95/s	5	Maurizio Marabelli
Contemporary History	95/s	5	Marco Paolino
History of Art in European Countries I	95/s	5	Enrico Parlato
History of Medieval Settlements and	95/s, 2/s	5	Angela Lanconelli

Agricultural Landscape			
History of Restoration	95/s	5	Maria Ida Catalano
History of Contemporary Architecture	95/s	5	Daniela De Dominicis
History of Medieval Architecture	95/s	5	Renzo Chiovelli
History of Modern Architecture	95/s	5	Sabine Frommel
History of Byzantine Art	95/s, 2/s	5	Raffaella Menna
History of Art in a Regional Area in the modern age	95/s	5	Livia Carloni
History of Post-unification Institutions	5/s, 95/s	5	Marco Paolino
History of Photography		5	Augusto Pieroni
History of Medieval Art	95/s, 2/s	5	Maria Andalaro
History of Modern Art	95/s	5	Daniela Cavallero
History of Goldsmiths and Applied Arts	95/s	5	Ivana Bruno
History of Medieval Cities and Settlements	95/s, 2/s	5	Anna Modigliani
Medieval History	95/s, 2/s	5	Massimo Miglio
Medieval History	95/s, 2/s	5	Alfio Cortonesi
Theory and Techniques of Architectural Restoration	95/s	5	Stefano Gizzi

SPECIALISATION SCHOOL FOR THE PROTECTION AND VALORISATION AND HISTORIC AND ARTISTIC HERITAGE

Tel. + 39 0761.357034

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INFRASTRUCTURE AND SERVICES

DISMA (Department of Ancient World Sciences)

Director: Prof. S. F. Bondi

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DISCUTEDO (Department of History and Cultures of Texts and Documents)

Tel. + 39 0761.357199 - e-mail: s_dsct@unitus.it

DISCOVABESA (Department of Studies for the Understanding and Valorisation of Historical and Artistic Heritage)

Tel. + 39 0761.357169 - e-mail: s_discovabesa@unitus.it

Laboratory for Restoration and Conservation Diagnosis “Michele Cordaro”

Director: Prof. M. Andaloro

Tel. + 39 0761 357017 – 357018 - Fax + 39 0761 357017 - e-mail: labdiac@unitus.it

Photographic and Graphic Documentation Laboratory

Director: Prof. P. A. Gianfrotta

Tel. + 39 0761 357019 – 357168 - Fax + 39 0761 357168 - e-mail: troili@unitus.it

IT Lab

Director: Prof. G. Solimine

Tel. + 39 0761.357022 - Fax + 39 0761.357170 - e-mail: libc@unitus.it

Faculty Library

Director: Dr. M. G. Franceschini

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Department of Ancient World Sciences Library

Tel. + 39 0761 357165 - Fax + 39 0761 357633 - e-mail: s_disma@unitus.it

FACULTY OF MODERN FOREIGN LANGUAGES AND LITERATURE

Address

Largo dell'Università

From January 2006:

Via Santa Maria in Gradi, 4

01100 – Viterbo

Dean's Secretariat, Institutes, Lecture Halls, University's Linguistics Centre, Library, Students' Secretariat.

Web- page: www.unitus.it/lingue

Dean of Faculty

Prof. Giorgio Manacorda

Dean's Secretariat

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Fax + 39 0761 357662

s_prelin@unitus.it

Student Secretariat

(Block C)

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Fax + 39 0761 357043

segrstudlingue@unitus.it

Infotel

+ 39 0761.357604

The Faculty's courses are organised in such a way that they foresee a Level I three-year degree course and a Specialist Degree Course which lasts a further two years (3+2).

The three year degree courses on offer at the Faculty of Modern Foreign Language and Literature of Tuscia University are:

- 1) Foreign Languages and Literature (XI class), which has three modules:
 - a) Foreign Languages and Literature
 - b) Languages for Tourism
 - c) Tourism and Territory Techniques (first two years are taught at the Tarquinia campus).
- 2) Translation and Interpretation Skills for Institutions, Companies and Trade (Class III)
- 3) Modern Literature (Class V), which has three modules:
 - a) Modern Literature
 - b) Publishing and Printing
 - c) Art, Music and Entertainment

After a further two years at the Faculty it is possible to obtain the following specialist degree courses:

Euro-American Languages and Cultures (Class 42/S)

Foreign Languages for International Communication (class 43/S)

Modern Philology (class 16/S)

THREE YEAR DEGREE COURSES

FOREIGN LANGUAGES AND LITERATURE

This class XI degree course offers a broad cultural education paired with a specific linguistic schooling, in such a way as to enable students to become experts in international cultural relations, with the objective of working in public institutions, the private sector, mass-media, associations, governmental and non-governmental organisations and social organisations. With two tourism modules, this course is clearly tailored to meet local needs; it also provides useful skills for dealing with cultural pluralism in a contemporary society characterised by an increase in migratory trends.

Three year Degree Course with three modules:

- a) Foreign Languages and Literature
- b) Languages for Tourism
- c) Tourism and Territory Techniques (first two years are taught at the Tarquinia campus).

Class XI Course

Degree Course in Foreign Languages and Literature

Foreign Languages and Literature Module

Year One	CFU	Year Two	CFU	Year Three	CFU
I Foreign Language and Translation	6	I Foreign Language and Translation	8	I Foreign Language and Translation	6
II Foreign Language and Translation	8	II Foreign Language and Translation	8		
		III Foreign Language and Translation	8	Cultural Anthropology	6
I Foreign Literature	6	I Foreign Literature	6	I Foreign Literature	6
II Foreign Literature	6	II Foreign Literature	6	II Foreign Literature	6
Italian Literature	8			Literary Criticism and Comparative Literature	8
Glottology Social Linguistics	8	I Foreign Language Philology	8	Moral Philosophy History of Philosophy	8
Modern Languages	8	Modern History History of Contemporary Europe History of Central Europe	8	History of Theatre and Entertainment Cinema History and Criticism History of Music History of Medieval Art History of Modern Art History of Contemporary Art Political and Economic Geography, Environmental Policy	8
Course of choice	6	Course of choice	4		
Total	56	Total	56	Total Final test Other Total CFU	48 10 10 180

Class XI Course
Degree Course in Foreign Languages and Literature

Languages for Tourism Module

Year One	CFU	Year Two	CFU	Year Three	CFU
I Foreign Language and Translation	6	I Foreign Language and Translation	8	I Foreign Language and Translation	6
II Foreign Language and Translation	6	II Foreign Language and Translation	8	II Foreign Language and Translation	6
I Foreign Literature	6	I Foreign Literature	6		
II Foreign Literature	6	II Foreign Literature	6		
Social Linguistics	8	I Foreign Language Philology Glottology	4	Modern Languages	4
Moral Philosophy History of Philosophy	8	Modern History History of Contemporary Europe History of Central Europe History of Theatre and Entertainment Cinema History and Criticism History of Music History of Medieval Art History of Modern Art History of Contemporary Art	8	Modern History History of Contemporary Europe History of Central Europe History of Theatre and Entertainment Cinema History and Criticism History of Music History of Medieval Art History of Modern Art History of Contemporary Art	8
Fundamentals of Public Law	8	Political and Economic Geography, Environmental Policy	8	Etruscology	6
		Course of choice	4	Course of choice	6
Total	56	Total	60	Total Final test Other Total CFU	44 10 10 180

Class XI Course
Degree Course in Foreign Languages and Literature

Tourism and Territory Techniques¹ Module

Year One	CFU	Year Two	CFU	Year Three	CFU
I Foreign Language and Translation for Tourism	8	I Foreign Language and Translation for Tourism	8	I Foreign Language and Translation for Tourism t (practice in the Language Lab)	8
II Foreign Language and Translation for Tourism	8	II Foreign Language and Translation for Tourism	8	II Foreign Language and Translation for Tourism	8
Moral Philosophy History of Philosophy	8	III Foreign Language and Translation for Tourism	8		
I Foreign Literature	6	I Foreign Literature	6		
II Foreign Literature	6	II Foreign Literature	6		
Travel Literature	8	Literary Criticism and Comparative Literature	8		
Social Linguistics	8				
History of Travel and	8	History of Medieval Art	8		

¹ The first two years are taught at the Tarquinia Campus.

travellers in the Middle Ages History of Travel and travellers in the Modern Age		History of Modern Art			
Etruscology, Archaeology and Territorial Culture	8	Fundamentals of Public Law	6	Geography, Environment and Territory	8
Theory of Communication processes	4	Economics and Management of Tourist establishments	6	Other (art.10, c.1, letter f) Tourism Organisation	10
Total	72	Total	64	Total Final test Total CFU	34 10 180

TRANSLATION AND INTERPRETATION SKILLS FOR INSTITUTIONS, COMPANIES AND TRADE

The class III degree course has a very specific objective: the use of language in the economic and legal, historical and political and social anthropological areas. Graduates will be able to work in international relations, at an interpersonal or company level, in documentary research, the drafting of text such as reports, minutes and correspondence in the relevant language and any other linguistic assistance activities in companies or institutions. This is a vocational degree course; particular attention is therefore paid to sectoral language useful to companies in trade and of course in public bodies.

Class III course

Degree Course in Translation and Interpretation Skills for Institutions, Companies and Trade

Year One	CFU	Year Two	CFU	Year Three	CFU
I Foreign Language and Translation	6	I Foreign Language and Translation	8	I Foreign Language and Translation	10
II Foreign Language and Translation	6	II Foreign Language and Translation	8	II Foreign Language and Translation	10
I Foreign Literature	8	I Foreign Literature	6		
II Foreign Literature	8	German Philology Slavonic (Philology) II Foreign Literature	6		
Fundamentals of Public Law International Law European Union Law	8	Italian Literature	10	Fundamentals of Public Law International Law European Union Law	4
		Modern Languages Didactics Romance Philology and Linguistics	8		
Modern History History of Contemporary Europe History of Central Europe	6	Political and Economic Geography Environment Policy Culture Anthropology	6		
				Social Linguistics	8
Economics Economic History	4			Economics Economic History	8
Course of choice	6	Course of choice	4	Course of choice	8
Total	52	Total	56	Total	48
				Final test	40
				Other	14
				Total CFU	180

MODERN LITERATURE

This class V degree course, with its Literature module, seeks to give students the classical humanist education which prepares them primarily for teaching work; the Publishing and Printing module is geared towards journalism, advertising and publishing; the Art, Music and Entertainment module is geared towards cinema, television, the theatre and, more in general, the world of art. As this course is run within the Faculty of Languages and Literature, there will always be a strong linguistic component. This course seeks to educate creative professionals who are at home in the national and international art and culture scene.

Three year degree course with three modules:

- a) Modern Literature
- b) Publishing and Printing
- c) Art, Music and Entertainment

Class V Course
Degree Course in
Modern Literature

Literature Module

Year One	CFU	Year Two	CFU	Year Three	CFU
Foreign Language and Translation	8	Modern Languages	8	Literary Criticism and Comparative Literature	8
		Foreign Literature	8		
Glottology	8			Foreign Language Philology	8
Italian Literature	8	Modern and Contemporary Italian Literature	8	Italian Linguistics	6
Literary Criticism and Compared Literatures	8	History of Theatre and Entertainment Cinema History and Criticism Music History History of Medieval Art History of Modern Art History of Contemporary Art	8	History of Theatre and Entertainment Cinema History and Criticism Music History History of Medieval Art History of Modern Art History of Contemporary Art	8
Roman History Medieval History Modern History History of Contemporary Europe	8	History of Contemporary Europe	8	IT applied to Humanities	6
Moral Philosophy Philology, Religion and History of Iran	8	Political and Economic Geography, Environmental Policy	8		
Central Europe History	8			Latin Language and Literature	8
Course of choice	6			Course of choice	6
Total	62	Total	48	Total Final test Other Total CFU	50 10 10 180

Class V Course
Degree Course in Modern Literature

Publishing and Printing Module

Year One	CFU	Year Two	CFU	Year Three	CFU
Foreign Language and Translation	8	Latin Language and Literature	6	Modern Languages History of Central Europe	8
Glottology	8	Foreign Literature	8	Library Science History of Publishing and Printing Archive Administration	8
Italian Literature	8	Italian Literature	8	Literary Criticism and Comparative Literature	8
History of Philosophy	8	Modern and Contemporary Italian Literature	8	Italian Linguistics	6
Literary Criticism and Comparative Literature	8	History of Theatre and Entertainment Cinema History and Criticism History of Music History of Medieval Art History of Modern Art History of Contemporary Art	8	History of Theatre and Entertainment Cinema History and Criticism Music History History of Medieval Art History of Modern Art History of Contemporary Art	8
IT applied to Humanities	8	History of Communication	8	Roman History Medieval History Modern History History of Contemporary Europe	8
		Political and Economic Geography, Environmental Policy	8		
Course of choice	6	Course of choice	6		
Total	54	Total	60	Total Final test Other Total CFU	46 10 10 180

Class V Course
Degree Course in Modern Literature

Art, Music and Entertainment Module

Year One	CFU	Year Two	CFU	Year Three	CFU
Foreign Language and Translation	8	Literary Criticism and Comparative Literature	8	Cultural Anthropology	8
Foreign Literature	8	Foreign Literature	8	Contemporary Italian Literature	8
Glottology Social Linguistics	8				
Italian Literature	8	Contemporary Italian Literature	8	Italian Linguistics	6
History of Music	8	History of Theatre and Entertainment	8	Cinema History and Criticism	8
Roman History Medieval History Modern History History of Contemporary	8	Modern History History of Contemporary Europe History of Central Europe	8	IT applied to Humanities	8

Europe History of Central Europe					
		Political and Economic Geography, Environmental Policy	8	Moral Philosophy	8
Latin Language and Literature History of Classic Theatre	6				
Course of choice	6	Course of choice	6		
Total	60	Total	54	Total Final test Other Total CFU	46 10 10 180

TWO YEAR SPECIALIST DEGREE COURSES

SPECIALIST DEGREE COURSE IN MODERN PHILOLOGY

With this specialist degree course in Modern Philology (class 16/s), the student acquires in-depth knowledge about communication in general, literary production and philology research. Graduates take a closer look at the theory of language, learn how to use specific IT tools; consolidate their linguistic preparation so as to master a Union language fluently, acquire the necessary competences to work in industrial publishing, archives, libraries, monuments and fine arts offices, editorial offices and cultural institutions, in Italy and abroad.

Specialist Class 16S Course

Specialist Degree Course in Modern Philology

Cultural Production and Communication Module

Year One	CFU	Year Two	CFU
Italian literature	8	Cinema History and Criticism History of Music History of Theatre and Entertainment History of Modern Art History of Contemporary Art	6
Literary Criticism and Compared Literatures Glottology Social Linguistics	8	Foreign Literature	6
Roman History Medieval History Modern History History of Contemporary Europe	6	Modern and Contemporary Italian Literature	6
Italian Linguistics	4	Foreign Language and Translation	8
Political and Economic Geography, Environmental Policy	6	Modern Languages	4
Moral Philosophy History of Philosophy	6	History of Communication	4
IT applied to Humanities Archive Administration	6	History of Central Europe	6
Course of choice	4	Course of choice	4
Total	48	Total Final test Other Total CFU	44 20 8 120

SPECIALIST DEGREE COURSE IN EURO-AMERICAN LANGUAGES AND CULTURES

The specialist degree course in Euro-American Languages and Cultures (class 42/s), provides students with specialist education in the history of the western civilisations' literature and culture in its various dimensions and components. Graduates can carry out tasks with a high level of responsibility in international cooperation, cultural and economic institutions and in Italian cultural institutions abroad; they can also work as expert in economic sectors with an international dimension and as translators.

Specialist Class 42S Course

Specialist Degree Course in Euro-American Languages and Cultures

Year One	CFU	Year Two	CFU
Foreign Language and Translation	8	Foreign Language and Translation	8
Foreign Literature	8	Foreign Literature	8
Glottology Social Linguistics	4	Modern Languages	8
History of Theatre and Entertainment Cinema History and Criticism History of Music	6	Italian Literature Modern and Contemporary Italian Literature Literary Criticism and Comparative Literature	4
History of Philosophy Cultural Anthropology	8	Medieval History Modern History History of Central Europe Contemporary History	6
Latin Language and Literature Arab Language and Literature Persian Language and Literature	8	Latin Language and Literature Arab Language and Literature Persian Language and Literature	8
Philology of the selected language	4	Course of choice	6
Total	46	Total Final test Other Total CFU	48 20 6 120

SPECIALIST DEGREE COURSE IN FOREIGN LANGUAGES FOR INTERNATIONAL COMMUNICATION

This specialist degree course (class 43/s) gives graduates a high level of competence in at least two languages used in international communication. Graduates are given a sound understanding of the fundamentals of economic and legal science and are able to use ICT. Graduates can also take on jobs with responsibility in the area of relations for Italian companies, public administration, volunteer organisations and local authorities; in the management of international organisations, in the cooperation and development aid sectors, or as experts in the administration of economic, social and cultural integration institutions and authorities.

Specialist Class 43S Course Specialist Degree Course in Foreign Languages for International Communication

Year One	CFU	Year Two	CFU
I Foreign Language and Translation	8	I Foreign Language and Translation	8
II Foreign Language and Translation	8	II Foreign Language and Translation	8
IT	8	Foreign Literature	4
Economics	8	Italian Literature	4
Modern History Contemporary History History of Central Europe	8	Modern History Contemporary History History of Central Europe	8
Fundamentals of Public Law European Union Law History of International Relations	8	Fundamentals of Public Law European Union Law History of International Relations	8
Course of choice	8	Political and Economic Geography, Environmental Policy	8

		Cultural Anthropology	
Total	56	Total	48
		Final test	5
		Other	11
		Total CFU	120

MASTERS

First level Masters. 2005/2006:

1. E-LEARNING SPECIALISTS: PLANNING AND DESIGN OF LEARNING OBJECT.

The course seeks to meet the need for qualifications and specialisation in the field of E-Learning (Planning, administration, Management, Tutoring, content Production, teaching etc.), by making the best possible use of the experience and expertise garnered at the Tuscia University and the plethora of communication and teaching practises acquired over the years in E-Learning with the on-line courses of Garamond (RCS Group). These resources are further fostered by a leading scientific team of experts and teachers.

Registration: cost 1.200,00€ (VAT included) to be paid in two installments of 600,00€ each.

Registration can take place directly on-line on Atlante (registration with or subscription to E-prof is required) or at the Secretariat of the Department of Humanities of the University of Viterbo(DISU).

Office in charge of administrative and accounting management: the Department of Humanities.

Coordinator: Prof. Gino Roncaglia

For further information please contact the Department of Humanities of the University of Viterbo(DISU). - e-mail: masterel@unitus.it.

2. TRAINING PROFESSIONS

The course is designed for those who want to prepare themselves for professions linked to company training (lifelong learning), health education (training of social and health workers), the training of those responsible for the planning of leisure time (for example tourist operators) and more in general to professional guidance.

The maximum number of students is 20.

The course will be run only if there is a minimum of 10 students.

The Department will publish the competition for places on the course.

Registration: cost 2.500,00€. 20 grants of 1.000,00€ each are foreseen.

Office in charge of administrative and accounting management: the Department of Humanities

For further information contact Prof.ssa Nadia Boccara

3. ENO-GASTRONOMY WITH LANGUAGE CERTIFICATION FOR SECTORAL ITALIAN

(being set up)

Office in charge of administrative and accounting management: The Department of Modern Classic Civilisations (CICLAMO)

The competition for places on the course has not been published yet.

For further information contact Prof.ssa Barbara Turchetta

STRUCTURES & SERVICES

The Faculty Library

The Faculty Library is located inside the main block, on the ground floor , until it is moved to its new location at Santa Maria in Gradi,

The Library has a collection of around 69.000 volumes and is open to all students; to take out books, students will have to produce their university booklet (or the registration certificate) and a picture, and they will receive their card.

Opening hours

The library desk is open from Monday to Friday, from 9.00 am to 5 pm; the reading room is open from Monday to Friday, from 9.00 am to 7.00 pm.

Library Director: Dr. Mariano Rapisarda

Largo dell'Università s.n.c.

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lingbib@unitus.it/lingue

DISU (Department of Humanities)

Tel. + 39 0761 357603 - e-mail: s_isu@unitus.it

CICLAMO (Department of Modern Classic Civilisation)

Tel. 0461-357602/172 - fax + 39 0761 357601 - e-mail: ciclamo@unitus.it

Secretariat of the Board on Curricula – CCS

Tel. + 39 0761 357680

e-mail: annagalli@unitus.it

University's Linguistics Centre

C Block

Tel. + 39 0761 357635

e-mail: labling@unitus.it

Foreign languages (various levels and with specific practice programs): Arabic, English, French, German, Czech, Slovak, Russian, Spanish, Portuguese and Brazilian, Polish, and Italian as a second language

Faculty of Mathematical, Physical and Natural Science

Address

Largo dell'Università

01100 Viterbo

Web- page: www.unitus.it/Scienze/pagine/index.htm

Dean of Faculty

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Dean's Secretariat

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Infotel

+ 39 0761 357581/2/3

Course Unit Guide

Four degree courses are on offer at the Faculty of Mathematical, Physical and Natural Science:

- Biology
- Environmental Science
- Environmental Educator and Publicist
- Agricultural and Industrial Biotechnology (in cooperation with the Faculty of Agriculture)

The Faculty also cooperates in the degree course of "Technologies for the Conservation and Restoration of Cultural Heritage", which is managed at the Faculty of Cultural Heritage Conservation.

The faculty also offers six specialist degree courses:

- Cellular and Molecular Biology
- Diversity of Biological Systems
- Applied Bio-catalysis
- Sustainable Management of Internal Waters
- Environmental Marine Science
- Communication and Education for Natural Science.

Furthermore, there are four PhD courses on offer:

- Biological and Biochemical Evolution;
- Environmental Science;
- Ecology and Management of Biological Resources;
- Genetics and Cellular Biology.

Professors from the Faculty are members of the study board for the PhD in "Design and Use of Molecules of Biotechnical Interest", which is run at the University of Naples II.

There are also four Masters degree courses on offer:

- level II International Masters: "Environment and Health";
- level I Masters: "Communication, Education and Bioethics in Socio-health systems"
- level I Masters: "Quality, Purification and Integrated and Sustainable Management of Water Resources";
- level II Masters: "Head Gardener of Parks, Gardens and Botanic Gardens", founded by the Faculty of Agriculture and with the cooperation of the Faculty of Cultural Heritage Conservation.

THREE YEAR DEGREE COURSES

- 1) Biology
- 2) Environmental Science
- 3) Environmental Educator and Publicist
- 4) Agricultural and Industrial Biotechnology

1) BIOLOGY

(Class n.12)

Biodiversity, living organisms, bio-molecules and their applications. A solid and traditional course with a completely new structure and content.

Three specialist degree courses (class n.6/S)

Cellular and Molecular Biology
Diversity of Biological Systems
Applied Bio-catalysis

Chairman of the Study Board

Prof. Lucia Mastrolia

Tel. + 39 0761.357132

e-mail: mastrolia@unitus.it

Three year degree course (first level)

Degree course in Biology (started in 2004/2005)

Biological Science Degree Class (n.12)

First Year

Course	Credits ²	Hours
First four month period		
Mathematics	5+1	56
Cytology + Histology	8	64
Interview in English	2+2	48
Second four month period		
Zoology	9	72
General and Inorganic Chemistry	6+1	64
Interview on IT	4	32
Third four month period		
Botany	9	72
Physics	5+1	56
Numerical exercises	0+3	48
Methodological Lab I	0+3	48

Second Year

Course	Credits	Hours
First four month period		
Measurement Lab + Statistics	3+2	56
Organic Chemistry	6+1	64
Applied English	4	32
Second four month period		
Morphogenesis and Comparative Anatomy of Vertebrates	9	72
Biochemistry	9	72

² One credit is equal to 8 hours of taught classes or 16 hours of experimental activity; for example, "5+1" credits means 5 credits of taught classes (40 hours) + 1 laboratory credit (16 hours).

Course of choice	5	
Third four month period		
Genetics	9	72
Molecular Biology	9	72
Methodological Lab II	0+4	64

Third Year

Course	Credits	Hours
First four month period		
Physiology	9	72
Bioinformatics	3+2	56
Second four month period		
Microbiology	9	72
Immunology	4+1	48
Course of choice II	10	
Third four month period		
Ecology	5	40
Methodological Lab III	0+4	64
Internship	6	
Final Test	7	

Degree Course in Biology (started in 2001)

Biological Science Degree Class (n.12)

Basic Curriculum

Third Year

Course	Credits	Hours
First four month period		
Physiology + Physiology II (joint exam)	5+1 5	56 40
Bioinformatics II c	0+4	64
Second four month period		
Biology of Development	5	40
Immunology	5+1	56
Third four month period		
Molecular Biology + Molecular Biology II (joint exam)	5+1 5	56 40
Course of choice	10	
Internship	8	
Final Test	5	

The “c” specifies that the course provides some oral and written tests about the knowledge of computer and laboratory procedures, without assigning any mark to students.

Applied Curriculum

Third Year

Course	Credits	Hours
First four month period		
Bioinformatics II c	0+4	64
Physiology + Nutritional Science (joint exam)	5+1 5	56 40
Second four month period		
Immunology	5+1	56
Third four month period		
Molecular Biology + Applied	5+1	56

Molecular Biology (joint exam)	5	40
Applied Ecology	5	40
Course of choice	10	
Internship	8	
Final Test	5	

The “c” specifies that the course provides some oral and written tests about the knowledge of computer and laboratory procedures, without assigning any mark to students.

2) ENVIRONMENTAL SCIENCE

(Class n.27)

Living organisms and the world in which they live and operate; environmental conservation, safeguarding and risks. A topical degree course which seeks to provide us with a future.

Three year degree course with two modules:

Land

Marine

Two specialist degree courses (class n.82/S):

Sustainable Management of Internal Waters

Environmental Marine Science

Chairman of the Study Board

Prof. Felice Grandinetti

Tel. + 39 0761.357126

e-mail: fgrandi@unitus.it

Degree Course in Environmental Science

(started in 2001)

Science and Technology for the Environment and Nature Degree Class (n.27)

First Year (for both Land and Marine curricula)

Course	Credits ³	Hours
First four month period		
Animal Biology	5+2	72
Plant Biology*	5+2	72
Interview in English	2+2	48
Second four month period		
Mathematics	10	80
General and Inorganic Chemistry	5+1	56
IT test	4	32
Third four month period		
Physics	8+2	96
Physics Lab	1+3	56
Course of choice	5	56
* joint exam		

Second Year (for both Land and Marine curricula)

Course	Credits	Hours
First four month period		
Organic Chemistry with Lab	5+2	72
Analytical Chemistry	6+2	80
Environment Law and Legislation	5+1	56

³ One credit is equal to 8 hours of taught classes or 16 hours of experimental activity; for example, “5+1” credits means 5 credits of taught classes (40 hours) + 1 laboratory credit (16 hours).

Second four month period		
Fundamentals of Genetics, Biochemistry and Physiology	9	72
Mathematical and Statistical Models	4+2	64
Lithology and Geology	4+1	48
Third four month period		
Ecology *	5+2	72
Fundamentals of Ecological System Analysis *	4	32
Environmental Economics	5+1	56
Course of choice	5	
* joint exam		

Third Year (Land Curriculum)

Course	Credits	Hours
First four month period		
Climatology and Meteorology	6	48
Hydrobiology	5+1	56
Second four month period		
Applied Geology	8+2	96
Microbiology	5	40
Third four month period		
Applied Ecology	8+1	80
Environmental Monitoring Lab	3+3	72
IT Lab	4	32
Internship	9	
Final Test	5	

Third Year (Marine Curriculum)

Course	Credits	Hours
First four month period		
Marine Geology and Sedimentology	5+1	56
Chemical Oceanography with Lab	4+2	64
Second four month period		
Biological Oceanography	5+1	56
Fundamentals of Marine Microbiology	3	24
Oceanography and Meteorology	6+2	80
Third four month month		
IT Lab	4	32
Biological Monitoring Lab	2+2	48
Applied Ecology with Lab	7+2	88
Internship	9	
Final Test	5	

Degree Course in Environmental Science (started in 2001)
 Science and Technology for the Environment and Nature Degree Class (n.27)

Land Curriculum
 Third Year

Course	Credits	Hours
First four month period		
Climatology and Meteorology	6+2	80
Hydrobiology	5+1	56
Second four month period		
Fundamentals of Biochemistry and Physiology	5	40
Hydrology and Hydrogeology + Applied Geology (joint exam)	4+1	48
Laboratory for Chemical Analysis with Instruments	4+2	64
Course of choice	10	
Internship	10	
Final Test	5	

Marine Curriculum
 Third Year

Course	Credits	Hours
First four month period		
Marine Geology and Sedimentology	5+1	56
Chemical Oceanography	3	24
Chemistry Lab	2+2	48
Second four month period		
Biological Oceanography – joint exam with Applied Ecology Lab	5+1	56
Oceanography and Meteorology	6+2	80
Third four month period		
Applied Ecology Lab – joint exam with Biological Oceanography	2+2	48
Biological Monitoring Lab	2+2	48
Course of choice	10	
Internship	10	
Final Test	5	

3) ENVIRONMENTAL EDUCATOR AND PUBLICIST (Class n.18)

A three year degree course which brings together the environment and our ability to communicate with our environment; a course with clear multidisciplinary characteristics (scientific, didactic, psycho-pedagogic, and historical anthropological disciplines) to create a new and modern profession which is well suited to the dissemination of environmental issues in a simple and competent fashion.

Specialist Degree Course (class n.68/S):
Communication and Education for Natural Science
 Chairman of the Study Board
 Prof. Vezio Cottarelli
 Tel. + 39 0761.357124
 e-mail: cottarel@unitus.it

Degree Course in Environmental Educator and Publicist

Education and Training Science Degree Class (n.18)

First Year

Course	Credits ⁴	Hours
First four month period		
Mathematical and Statistical Methods for the Analysis of Educational Processes	6	48
Interview on IT	4	32
Psychopedagogy of Language and Communication	6	48
Italian Linguistics and Communication	4	32
Second four month period		
Fundamentals of General and Inorganic Chemistry	4	32
Advanced Physics	6	48
Landscape and Environmental Geography	5	40
Third four month period		
General Biology	5	40
Teaching Experience in Biology Laboratory	1+1	24
General Teaching Methods	5	40
Communication Systems for Teaching	5	40
Internship	3	
Course of choice**	5	

Second Year

Course	Credits	Hours
First four month period		
Organic Chemistry	4	32
Systemic Zoology	6	48
Zoology Lab	1+2	40
Second four month period		
English Language Lab	2+2	48
Applied English	4	32
Sociology of Sustainable Development	5	40
Third four month period		
Ecology	6	48
Applied Ecology	4	32
Systemic Botany	7	56
Botany Lab	1+2	40
Internship	9	
Course of choice**	5	

Third Year

Course	Credits	Hours
First four month period		
Experimental Pedagogy Lab	2+2	48

⁴ One credit is equal to 8 hours of taught classes or 16 hours of experimental activity; for example, “5+1” credits means 5 credits of taught classes (40 hours) + 1 laboratory credit (16 hours).

Culture Anthropology	3	24
International Environmental Law	6	48
Second four month period		
Land History	5	40
Environmental Education	6	48
Ethics in Sciences	2+1	32
Third four month period		
Environment Economy	6	48
Land and Environmental Cartography	4	32
Conservation of Nature and its Resources	6	48
Internship	5	
Final Test	12	

** The student can select as part of her/his own curriculum any course available under the Faculty's degree courses; other certified activities outside the Faculty can be accepted by the Study Board upon request.

4) AGRICULTURAL AND INDUSTRIAL BIOTECHNOLOGY

(Class n.1)

in cooperation with the Faculty of Agriculture

Three year degree course with two modules:

Agriculture Industry

The Industry module teaches how organisms and bio-molecules can be used in efficient productive and industrial processes without polluting.

Remember: Biotechnology does not mean GMO!

The production of bread, wine and pasta are examples of biotechnological processes at work!

Specialist degree course:

Applied Bio-catalysis

Chairman of the Study Board

Prof. Federico Federici

Tel. + 39 0761.357269

e-mail: federici@unitus.it

Degree Course in Agricultural and Industrial Biotechnology

(started in 2004/2005)

Biotechnologies Degree Class (n.1)

First Year

Course	Credits ⁵	Hours
First four month period		
Mathematical and Statistical Methods	5+1	56
Animal and Plant Biology	7+2	88
English Language test	2+2	48
Second four month period		
Physics	5+1	56

⁵ One credit is equal to 8 hours of taught classes or 16 hours of experimental activity; for example, "5+1" credits means 5 credits of taught classes (40 hours) + 1 laboratory credit (16 hours).

Bioethics	6	48
IT test	4	32
Third four month period		
International Biotechnology Law	5	40
Fundamentals of Biotechnologies Economics	5	40
General and Inorganic Chemistry	6+1	64
Environmental Impact and Bio-safety	4+1	48
Internship	4	

Second Year

Course	Credits	Hours
First four month period		
Organic Chemistry	6+1	64
Applied English	4	32
Chemical Analysis Methodologies	4+2	64
Second four month period		
Biological Chemistry and Fundamentals of Biochemical Methodologies	7+2	88
Immunology	4+1	48
Microbiology and Fundamentals of Industrial Microbiology	7+2	88
Third four month period		
Genetics and Fundamentals of Microbial Genetics	7+2	88
Course of choice	5	
Internship	5	

Third Year

Course	Credits	Hours
First four month period		
Industrial Biochemistry	3+2	56
Bioinformatics	3+2	56
Second four month period		
Animal and Plant Biotechnologies	7+3	104
Third four month period		
Molecular Biology and Fundamentals of Applied Molecular Biology	7+2	88
Course of choice	10	
Internship	5	
Final Test	15	

Degree Course in Agricultural and Industrial Biotechnology

(started in 2001)

Biotechnologies Degree Class (n.1)

Third Year

Course	Credits	Hours
First four month period		
Industrial Biochemistry	4+1	48
Applied English	4	32
Second four month period		

Animal Biotechnologies	4+1	48
Plant Biotechnologies	4+1	48
Immunochemical Techniques	5+1	56
Third four month period		
Molecular Biology	5+1	56
Physical Chemistry Methodologies	3+2	56
Environmental Impact and Bio-safety	5	40
Activity of choice	5	
Internship	3	
Final test	11	

Additional courses

- Spectroscopical and Nanoscopic Techniques for Biomolecular studies (5 CFU).
- Community Law on Biotechnologies (Jean Monnet Chair) (5 CFU).
- Coastal Management and Planning (4 CFU).
- Genetics on Ageing and Longevity (5 CFU).

SPECIALIST DEGREE COURSES

Specialist Degree Course in Cellular and Molecular Biology

(started in 2004/2005)

Biology specialist degree class (n.6/S)

First Year

Course	Credits	Hours
First four month period		
Molecular Genetics	3	24
Development Genetics and Epigenetics	3+1	40
Cellular Cycle and Apoptosis	6	48
Second four month period		
Structure, Functions and Development of Proteins and Nucleic Acids	7+1	72
Cytogenetics	4	32
Immunological Methodologies	2+1	32
Integrated Study of Genomics and Proteomics	2+3	64
Third four month period		
Molecular Cellular Nutrition	2+1	32
Development Biology and Neurobiology	6	48
Applied Bio-Organics	4	32
Cellular Biology	8	64
Course of choice	5	

Second Year

Course	Credits	Hours
First four month period		
Biophysics	2+3	64

Laboratory of Molecular Biology and Biochemistry Techniques	0+3	48
Second four month period		
Laboratory on Cell Cultures	1+2	40
Microscopy and Ultrastructures Lab	2+3	64
Third four month period		
Technical Scientific English	4	32
Final dissertation	41	

Specialist Degree Course in Diversity of Biological Systems

Biology specialist degree class (n.6/S)

First Year

Course	Credits	Hours
First four month period		
Systemic and Evolutionary Zoology	8+1	80
Symbiosis and Animal Associations	5	40
Course of choice	5	
Second four month period		
Systemic Botany and Mycology	8+1	80
Plant Ecology	4+1	48
Mutations and Evolution	4	32
Third four month period		
Microbial Ecology	4+1	56
Biogeography	4	32
Laboratory for the Study of Biological Systems Techniques	4+4	96
Technical Scientific English	4	32

Second Year

Course	Credits	Hours
Biodiversity Preservation	5+1	56
Anthropology	4	32
Laboratory of Techniques II – test	4+3	80
Course of choice	5	
Final dissertation	40	

Specialist Degree Course in Applied Bio-Catalysis

Biology specialist degree class (n.6/S)

First Year

Course	Credits	Hours
Bio-Catalysis	4+1	48
Genetic Engineering	4+1	48
Fundamentals of Nutritional Science and Nutrient Biotransformations	6+1	64
Protein Engineering	4+1	48
Principles of Catalysis	4+2	64

Fermentation Biotechnologies	9	72
Bio-instrumentations	6+2	80
Environmental Biotechnologies	8+2	96
Internship	6	

Second Year

Course	Credits	Hours
Pharmaceutical Biotechnologies	5	40
Course of choice	10	
Technical Scientific English (exam)	4	32
Final test	40	
Internship	6	

Specialist Degree Course in Sustainable Management of Internal Waters

Science and Technology for the Environment and Nature specialist degree Class (n.82/S)

First Year

Course	Credits	Hours
First four month period		
Chemistry of Natural Organic Matter +	4	32
Chemical Treatment and Water Valorisation +	1+1	24
Environmental Analysis and Monitoring (joint exam)	4	32
Geo-pedology	5	40
Second four month period		
Biodiversity Preservation	5	40
Plant Ecology	4	32
Ecology of Internal Waters and Ecotoxicology	4	32
Land Physics	3	24
Third four month period		
Microbial Ecology +	3	24
Biological Water Treatment (joint exam)	3+1	40
Animal and Plant Taxonomy Lab	2+1	32
Fundamentals of Environmental Policy	5	40
Operational Research and Planning	5	40

Second Year

Course	Credits	Hours
First four month period		
Biophysics and Environment Lab	1+3	56
Bioindicators of Environmental Quality	2+2	48
Course of choice	5	
Second four month period		
Environmental Mutagenesis	5	40
Applied Zoology	5	40
Course of choice	5	
Third four month period		

Environmental Impact Assessment	4	32
Applied Hydrogeology	3+1	40
Course of choice	5	
Final test	20	

Specialist Degree Course in Environmental Marine Science

Science and Technology for the Environment and Nature specialist degree Class (n.82/S)

First Year

Course	Credits	Hours
First four month period		
Marine Zoology and Marine Biotechnologies	4+2	64
Chemistry of Natural Organic Matter	3	24
Physical and Biological Mathematical Models	4+2	64
Public Law	4	32
Second four month period		
Dynamics of Fluids and Thermodynamics	5+1	56
Algology	4+1	48
Marine Mineralogy	4+2	64
Third four month period		
Marine Biology	5+1	56
Fisheries and Fish Farming Biology	6+1	64
Coastline Oceanography and Sedimentary Dynamics	4	32
Marine Microbiology	4	32

Second Year

Course	Credits	Hours
Environmental Impact Assessment	7	56
Geology Applied to the Protection Shores	4	32
Marine Geochemistry	4	32
Marine and Coastal Ecosystems Ecology	7	56
Course of choice	14	
Final test	20	
Other activities	5	

Specialist Degree Course in Communication and Education for Natural Science

Teacher Training and Education Science Specialist Degree Class (n.68/S)

First Year

Course	Credits	Hours
First four month period		
Symbiosis and Animal Associations	5	40

Hydrobiology	4+2	64
Operative Research	4	32
Second four month period		
Lithology and Geology	4+1	48
Plant Ecology	4+1	48
Naturalistic Museology	6	48
Thematic Mapping	4	32
Third four month period		
Fundamentals of Ecological Systems Analysis	5	40
Zoogeography	4+1	48
Historical sources and study of Landscape Transformations Methods	4	32
Course of choice	5	
Internship	6	

Second Year

Course	Credits	Hours
First four month period		
Physical Anthropology	4	32
Environmental Microbiology	5+1	56
Vertebrates Evolutionary Biology	3+1	40
Second four month period		
Hydrology and Hydrogeology	4+1	48
Instructional Design for the Environmental Education	5	40
Media Journalistic Language Theory and Techniques	4	32
Third four month period		
Animal Ethology	5	40
Palaeontology	4	32
Technical Scientific English	5	40
Final dissertation	18	

LINKED INTER-FACULTY DEPARTMENTS AND CENTRES

DABAC (Department of Agro-biology and Agro-chemistry)

Director: Prof. Domenico La Fiandra

Via San Camillo de Lellis, s.n.c. - Tel + 39 0761.357261-343 - e-mail: s_dabac@unitus.it

DISA (Department of Environmental Science)

Director: Prof. Massimo Mazzini

Largo dell'Università - Tel. + 39 0761.357116 - e-mail: s_disa@unitus.it

DECOS (Department of Ecology and Sustainable Economic Development)

Director: Prof. Giuseppe Nascetti

Vis S. Giovanni Decollato, 1 - Tel. + 39 0761.357742 - e-mail: s_decos@unitus.it

Botanic Garden

Director: Prof. Silvano Onofri

Località Bulicame - Tel. + 39 0761.357097 - e-mail: ortobot@unitus.it

CIME (Inter-departmental Centre for Electronic Microscopy)

Director: Prof. Anna Maria Fausto

Largo dell'Università

Tel. + 39 0761.357105

e-mail: cime@unitus.it

Centre for Environmental Education

Via Cesare Pinzi, 44 - Tel. + 39 0761.357109

Library of the Faculties of Agriculture and Mathematical, Physical and Natural Science

Director: Dr. Maria Grazia Franceschini

Via S.Camillo de Lellis - Tel. + 39 0761.357 - e-mail: agbib@unitus.it

GEMINI (Department of Geology and Mechanical, Natural and Hydraulics Engineering of the Land)

Department of Law

Animal House

FACULTY OF ECONOMICS

Address

Via del Paradiso, 47

01100 Viterbo

Web- page: www.unitus.it/economia

Dean of Faculty

Prof. Egidio G. Perrone

Dean's Office

Tel. + 39 0761.357718

Fax + 39 0761.357716

e-mail: s_precon@unitus.it

The noticeboards of the Dean's Office (number 1.2.3.4) are located near the Aula Magna entrance (Via del Paradiso side).

Student Secretariat

Via E.Bianchi, n.11

01100 Viterbo

Tel. + 39 0761 357818 - 357801

Fax + 39 0761 357817

segrstudeconomia@unitus.it

Opening Hours:

Monday-Friday 10 a.m. 12 a.m.

Thursday 3 p.m.- 4.30 p.m.

The Student Secretariat (Via E.Bianchi n.11 – Viterbo) is available to students for all of the administrative procedures (registration, requests for certificates, issuing of Certified copy of Diploma, Student transfers from/to other Universities, general information, etc.).

Infotel

+ 39 0761 357801

Course Unit Guide

The Faculty of Economics renewed its curriculum in keeping with the new regulation on University autonomy. The reform foresees a three-year degree course and a specialist degree course of a further two years. In the 2005/2006 academic year, the curriculum of the Faculty of Economics is:

The current courses on offer at the Faculty of Economics of the Tuscia University are all part of Class 17. (Economics and Company Management)

- Degree Course in Corporate Economics;
- Degree Course in Economics & Corporate Law;
- Specialist Degree Course in Corporate Consultancy and Control;
- Specialist Degree Course in Marketing and Quality.

THREE-YEAR DEGREE COURSES

CORPORATE ECONOMICS

Degree category: Economics and Company Management (Class no. 17)

Qualification objectives

The degree course aims to provide the student with technical grounding and managerial training in all forms of company management. From the point of view of management functions in administration, finance, marketing, production, and organisation, the graduate enters the labour market with the necessary organisational and managerial skills; flexibility stems from a methodological approach aimed at imparting a management culture; a broad understanding of corporate issues and methodologies (finance, production, administration, etc.) adequate IT and language skills. The graduate in Corporate Economics will have job prospects with various companies in different sectors, each with their own specialisation needs and is also well equipped to develop his/her own entrepreneurial activity.

Curriculum

(in brackets: number of credits, 6 credits correspond to 45 hour of lessons)

Year One	Year Two	Year Three
Economics I (6)	Public Company Economics (6)	(6)Programming and Control
Corporate Economics (6)	Economics and Corporate Management (6)	Corporate Strategy and Policy (6)
General Mathematics (6)	Financial Mathematics (6)	Company Administration(6)
Private Law (6)	Commercial Law (6)	Computing Systems (3)
English (proficiency) (6)	Productive Cycles Technologies (6)	1 course of choice from: Economics II (6), Finance (6)
Economic Policy (6)	2 courses of choice from: Auditing (6), Marketing (6), Financial Intermediaries Management (6)	1 course of choice from: Insurance Law (6), Labour Law (6), Tax Law I (6)
Accountancy (6)	1 course of choice from: Raw materials and Energy Resources (6), Community Private Law (6)	1 course of choice from: Finance – Investment Analysis (6), Corporate Organisation (6)
Statistics (6)	1 course of choice from: Spanish (6), German (6), French (6)	
Public Law (6)	1 course of choice from: Statistics II (6), Corporate Statistics (6)	
IT proficiency (6)		
In addition to the above, students have to pass 2 exams of choice with a total of 12 credits from the available courses on the Faculty list.		

ECONOMICS & CORPORATE LAW

Degree Category: Economics and Company Management (Class no.17)

Qualification objectives

This course focuses on professional corporate consultancy. It provides the multi-disciplinary training needed for corporate economic problem solving, contractual and tax law. The graduate emerges with the professional qualification required for problem solving in large, medium or small companies and with adequate IT and language skills.

Job prospects can be found in particular, but not exclusively, in the independent professions within the corporate economic sector. The graduate may set up as a specialist accountant or can fill more general roles – including innovative ones – in enterprise. He may also operate in any type of company or industry as an expert in corporate administration and law.

Curriculum

(in brackets: number of credits, 6 credits correspond to 45 hour of lessons)

Year One	Year Two	Year Three
Economics I (6)	Corporate Quantitative Determinations (6)	Cost Analysis and Accounting (6)
Complements of Economics (6)	Auditing (6)	Company Evaluation (6)
General Mathematics (6)	Programming and Control of Public Companies	Bankruptcy Law (6)
Private Law (6)	Enterprises Economy and Management (6)	Competition Law (6)
English (proficiency) (6)	Financial Mathematics (6)	Tax Law (6)
Economic Policy (6)	Public Limited Companies Law (6)	Company Administration (6)
Accounting (6)	Labour Law (6)	Quality-certification Systems (6)
Statistics I (6)	1 course of choice from: Spanish (6), German (6), French (6)	Finance – Financial Structures Analysis (6)
Commercial Law (6)	1 course of choice from: Statistics II (6), Corporate Statistics (6, third year's exam)	Computing Systems (3)
IT test (6)		
In addition to the above, students have to pass 2 exams of choice with a total of 12 credits from the available courses on the Faculty list.		

TWO YEAR SPECIALIST DEGREE COURSES

CORPORATE CONSULTANCY AND CONTROL

Degree Category: Economics and Company Management (Class no.84/S)

The specialist degree course in “Corporate Consultancy and Control” seeks to provide students with a specific understanding of all aspects related to exercising an independent profession in the economic sector, with particular attention being paid to legal and accounting aspects.

The main objective of the course is to develop corporate analysis and control skills for the running and management of companies. The various classes aim to study and analyse the multiple aspects of company management, not only from a strictly accounting point of view, but also from the economic and legal point of view. Students will have acquired specialist technical knowledge, on how to make available analytical and decision making tools for the purpose of the economic and financial management of a company, with a particular focus on controlling the efficiency of the management. He may to set up as an expert on

management control and efficiency. Graduates from the Specialist Degree Course in “Consultancy and Control” can act as experts for companies with managerial functions in the area of administration and management control, or can act as consultants or independent professionals in all areas of corporate consultancy such as management, accounting, management control, taxation, finance and organisation; in addition they can also carry out entrepreneurial and managerial activities in industry or in public or private services.

Curriculum by subject area

(in brackets: number of credits, 6 credits correspond to 45 hour of lessons)

Corporate Area	Corporate Extraordinary Operations Management (6)
	Management Control and Auditing (6)
	International Accounting (6)
	Management Systems and Environmental Certification (6)
	1 course of choice from: Corporate Information Systems Management (6), Business Plan (6), Finance – Investments Analysis (6), Financial Intermediaries Management (6)
Economic Area	Applied Economics (6)
	Industrial Economics (6)
	Finance (6)
	Tax Management (6)
	1 course of choice from: Economic Geography (6) and Social Statistics (6)
Law Area	Public Services Law (6)
	Consumers’ Law (6)
	Regulation on Professions (6)
	1 course of choice from: International Commercial Law (6) and Commercial Criminal Law (6)
	1 course of choice from: Trade Union Law (6) and Tax Law II (6)
In addition to the above, students have to pass 1 exam of choice from the available courses at the Faculty (6 credits) and carry out a didactic activity of choice (language, IT, internship) (6).	

MARKETING AND QUALITY

Degree Category: Economics and Company Management (Class n.84/S)

The Specialist Degree Course in Marketing and Quality aims to provide specific knowledge on aspects related to the definition of corporate strategies and market relations management.

The course concentrates on developing skills and competences in the area of corporate analysis and market management activities, from a predominantly but not exclusively commercial point of view. Strategic and operational marketing and quality in their various applications are looked at closely. The aim is to promote the study and analysis of a whole set of aspects which govern the relations between companies and the market. This is done not only by looking at the technical and company related issues but also by looking at economic and legal considerations.

Through their specialist technical training, graduates will have the ability to provide the right analytical and decision making tools for the economic and financial management of the company, with a particular focus on market relations and client management.

Our graduates can act as experts in companies with managerial responsibility or as consultants and independent professionals in particular in the area of marketing and quality, or as entrepreneurs in industry or the public or private services sector.

The specialist Degree course in Marketing and Quality belongs to the 84/s class.

Students have to pass (according to the curriculum by subject area below):

16 exams + a didactic activity of choice, for a total of	102 CFU
Final dissertation	18 CFU
Total	120 CFU

Curriculum by subject area

(in brackets: number of credits, 6 credits correspond to 45 hour of lessons)

Corporate Area	Quality Management (6)
	Corporate Governance – Corporate Ethics (6)
	Marketing (6) or, when the course has already been attended during the first three years, Business Plan (6) or Communication Economics and Techniques (6)
	International Marketing (6)
	Quality-certification Systems (6) or, when the course has already been attended during the first three years, Quality and Client Relation Management (6)
	1 course of choice from: Budgets and Corporate Communication (6) and Communication Economics and Techniques (6)
Economic Area	Applied Economics (6)
	Finance (6) or, when the course has already been attended during the first three years, Tax Management (6)
	1 course of choice from: Economic Geography (6) and Social Statistics (6)
Law Area	Public Service Law (6)
	Industrial Law (6)
	International Market Law (6)
	Banking Legislation (6)
Statistical – Mathematical Area	Statistic Quality Control (6)
	1 course of choice from: Corporate Statistics (6) and Statistics II (6) (the one which was not attended during the first three years).
In addition to the above, students have to pass 1 exam of choice from the available courses at the Faculty (6 credits) and carry out a didactic activity of choice (language, IT, internship) (6).	

Further information about the Degree courses can be found on the Faculty of Economics web-site (www.unitus.it/economia).

Examination Appointments

To facilitate orderly procedures in respect of exam appointments, the latter can be made via Internet on the Faculty website: www.unitus.it/economia

STRUCTURES AND SERVICES

Department of Corporate, Technology and Quantitative Studies

Via del Paradiso, 47

Director: Prof. Alessandro Ruggieri

Administrative Secretary: Dott. Giuseppe Rapiti

Tel. + 39 0761-357732 - Fax + 39 0761-357707 - e-mail: distateq@unitus.it

Near the Secretariat of DISTATEQ there are noticeboards where one can find up to date information on office hours, class and exam schedules and course programs of staff related to the Department.

Department of Law

Via del Paradiso, 47

Director: Prof. Giulio Vesperini

Administrative Secretary: Dr. Giuseppe Rapiti

Tel. + 39 0761-357709 - Fax + 39 0761-357704 - e-mail: s_dsg@unitus.it

Information and Assistance to Students

All professors are available for requests for information, clarifications and assistance during the hours in which they receive students and as part of the guidance service set up by the Faculty.

The Faculty has also set up an assistance, guidance and tutoring service for students throughout the various stages of their degree.

The Professors responsible for this service are:

Registration and registered student's advisory service

Prof.ssa Luisa Ficari (e-mail: ficari@unitus.it)

Prof. Luigi Fici (e-mail: fici@unitus.it)

Post-graduate and Placement Advisory Service

Prof. Alessandro Ruggieri (e-mail: ruggieri@unitus.it)

IT Room

Via del Paradiso, 47

Technical-administrative staff: Sig. Emanuele d'Amico

Tel/fax 0761-357733

e-mail: damicem@unitus.it

Students requiring the use of a computer have access to a computer room with 20 high-tech terminals with the latest software for data and text processing, with internet and database links.

Faculty Library

Via del Paradiso, 47

Opening hours:

Monday and Thursday: 9.00 a.m.- 4.45 p.m.; Tuesday, Wednesday and Friday: 9.00 a.m. – 12.45 a.m;

Reading Room open from Monday to Friday 9.00 a.m. – 7.00 p.m.

Tel. + 39 0761 357723

Fax + 39 0761 357724

e-mail: ecobib.pd@unitus.it

The Library – with reading rooms – stocks more than 20.000 books and has subscriptions to 300 magazines, all at students' disposal.

The library is located in Via del Paradiso and it is divided on two floors:

First floor: reading and reference room (40 seats), distribution room, warehouses, offices, press centre.

Second floor: magazine library (20 seats), offices.

Some warehouses are outside the building.

FACULTY OF POLITICAL SCIENCE

Address

Via S. Carlo, 32
01100 Viterbo
Web- page: www.unitus.it/scienzepolitiche

Dean of Faculty

Prof. Massimo Ferrari Zumbini

Dean's Secretariat

Tel. + 39 0761 357889 - 357888
Fax + 39 0761 357887
e-mail: s_pressp@unitus.it

Registration

The Student Secretariat is located inside the Faculty building, in the San Carlo park.
Tel. + 39 0761 357844 - 357842
Fax + 39 0761 357841
e-mail: segrstudpolitiche@unitus.it

Infotel

+ 39 0761 357866
+ 39 0761 357855

Courses start

Courses are organised in semesters.

Two three-year degree courses are on offer at the Faculty:

- Communication Studies
 - o Module "Communication Science and Techniques"
 - o Module "Communication and Web Economy Techniques"
- Public Administration Science

WHO MIGHT BE INTERESTED:

- **Communication Science and Techniques**

For those interested in the various forms of multimedia communication (editorial, journalistic, etc.), public relations in private companies or in public administrations, text writing for the cultural activity industry, public communicator activities (PR officers, urban civil networks for interactive services, etc.)

Module COM

Communication Science and Techniques

Semester	Course	Credits
1	Contemporary History	8
	General Sociology	8
	Philosophy and Modern Society	8
2	Innovation Economy	8
	or	
	Fundamentals of Law	8
	English	8
	IT – first module	8
3	Italian for the media (with writing lab)	8
	IT – second module (with internet lab)	8

	Communication Sociology	8
	Course of your choice	8
4	Semiotics	8
	Contemporary Political Theory	8
	Public Communication	8
	History of Journalism	8
5	Audiovisual Terminology	8
	IT Law	8
	Media Writing Techniques (with writing lab)	8
	Course of your choice	8
6	Organisational Psychology	8
	History of German culture	8
	Second Language: Spanish (proficiency)	4
	Other educational activities	6
	Final examination	10
	Total	180

- **Communication and Web Economy Techniques**

For those interested in communication and its applications to the “New Economy” (networks, e-commerce, etc.), providing essential competence in law, economics and finance for the innovation economy.

Module WEB

Communication and Web Economy Techniques

Semester	Course	Credits
1	Contemporary History	8
	General Sociology	8
	Philosophy and Modern Society	8
2	Innovation Economy	8
	English	8
	IT – first module	8
3	Italian for the Media (with writing lab)	8
	IT – second module (with internet lab)	8
	Communication Sociology	8
	Course of your choice	8
4	Semiotics	8
	Sociolinguistics	8
	Media Law	8
	Course of your choice	8
5	Media Writing Techniques (with writing lab)	8
	Economic policy	8
	IT Law	8
	Business: Management and Communication	8

6	Organisational Psychology	8
	History of German Culture	8
	Second Language: Spanish (proficiency)	4
	Other educational activities	6
	Final examination	10
	Total	180

- **Public Administration Science**

For those interested in working in public administrations (central and local), for independent authorities, for other administration bodies with autonomous management structure (Universities and Schools) and for public service providers.

Semester	Course	Credits
1	Fundamentals of Private Law	8
	General Sociology	8
	History of Public Administration	8
2	Fundamentals of Public Law	8
	Economics of Innovation	8
	English	8
	IT – first module	8
3	Fundamentals of Administrative Law	8
	Economic Policy	8
	Administrative Criminal Law	8
	Course of your choice	8
4	Bureaucratic Italian	8
	or	
	Public Administration Sociology	8
	Public Company Economics	8
	Market and Institutions	8
	Law of Religious Bodies	8
	or	
	Regulatory and Market Law	8
5	Advanced Administrative law	8
	Fundamentals of European Union Law	8
	Administration Science	8
	Analysis of Public Policy	8
6	Public Communication	4
	Organisational Psychology	8
	Course of your choice	8
	Other educational activities	6
	Final examination	10
	Total	180

Examinations

The complete list of subjects and programs is available on the web site www.unitus.it/scienzepolitiche. A lot of time is devoted to English, Italian for the media (with writing lab) and IT, which is a two-year subject in the degree course of Communication Science. Other subjects of the course are Contemporary History, Audiovisual Terminology and Public Communication. The degree course in Public Administration Science, includes among others, European Union Law and Advanced Administrative Law. The number of the examinations to be taken is different for each course, between 21 and 22. Class attendance is highly recommended but not compulsory.

MASTER'S DEGREES

Master in Parks, Gardens & Botanic Gardens Curator (II level)

The faculties of Agriculture, Sciences, Cultural Heritage and the Botanic Garden Inter-departmental Centre joined together to organize the II level Master in Parks, Gardens and Botanic Gardens Curator. The aim of this course is to form professional staff expert in the management, conservation and planning of gardens, city parks, historical parks and botanic gardens. This objective is achieved giving students a high level scientific, historical aesthetical and technical background.

The course takes place twice a week (Fridays and Saturdays, 16 hours per week), from January to December and includes stages, workshops and visits to companies, breeding-grounds, parks and gardens.

At the end of the course students will take a final examination and discuss their personal work in order to obtain the Master Diploma in Master in Parks, Gardens & Botanic Gardens Curator (II level, 60 Credits).

For further information please contact:

Università degli Studi della Tuscia

Dipartimento di Produzione Vegetale della Facoltà di Agraria

Tel. +39.0761.357536/357369

Fax. +39.0761.357531

e-mail: master.curatore@unitus.it

www.unitus.it/info/offerta/Master/Curatore_parchi/master1.htm

International Master in Environment & Health (I Level) - Environment quality and human health evaluation

The Faculty of Sciences, in cooperation with the "Azienda Sanitaria Locale" (local health service), the Province Administration, the Italian public television network "RAI" and the "Accademia Kronos" (onlus) organized the second International I level Master in Environment & Health, whose aim is to create professional staff enabled to provide consultancy and planning support to public and private companies, included companies providing environmental services. The course also aims at giving new professional qualities to public and private institutions staff and enlarging those of health operators.

Courses will take place Mondays to Fridays from 5th September to 15th December 2005. The course includes stages, visits and workshops in public and private companies and institutions, such as the local health service (ASL) and the Province Administration. The number of Credits given by the course is 60.

The lessons will be in Italian; foreign students may attend a special Italian language course which will take place from 16^h August to 2nd September.

The cost of the course is € 2,100. Italian and foreign students may apply for grants.

For further information please contact:

Secretaries

Dr. Caterina Ripa

Tel. +39.0761.357138 Fax. +39.0761.357179 e-mail: amanita@unitus.it

Dr. Daniele Peroni

Tel. +39.0761.357116 Fax. +39.0761.357179 e-mail: peroni@unitus.it

www.unitus.it/info/offerta/post-lauream/master.htm

Master in Ethic & Social Agriculture, I level

The faculty of Agriculture, in cooperation with the faculty of Psychology of the Università la Sapienza, Rome and with several professional societies operating in agriculture and in the third sector, organized the first Master in Ethic & Social Agriculture (I Level). The course aims at satisfying the growing need of education and training of those subjects operating or willing to operate in the field of agriculture with specific social and ethic objectives. This will be made by promoting the development of a multi-subject culture which joins

different professional figures aiming at improving the quality of life and the full integration in the working field of underprivileged subjects.

The number of credits (CFU) given by this master is 60, for a total amount of 1.500 activity hours (from January to December 2005) including stages, seminars, workshops and visits. After the attendance at the course and the discussion of a final work students will be awarded the I level master diploma in Ethic & Social Agriculture.

For further information please contact:

Segreteria del Dipartimento di Economia Agroforestale
e dell'Ambiente Rurale - Tel. +39.0761.357247

Chairman

Prof. Saverio Senni,

tel. +39.0761.357278 - e.mail: senni@unitus.it - www.agrietica.it

STUDENT ASSOCIATIONS

ASA for Agriculture Faculty students. Promotes the integration of theory and practice in Agriculture studies.

ASBEC for students following the Culture and Heritage degree courses. It organises meetings, seminars, cultural excursions, in addition to the study of the course subject matter.

A.S.E.S. – E.S.N. Association of Erasmus and foreign students + Erasmus Student Network Viterbo that fosters the university international interchange programmes.

AUCS for students who wish to be involved in the university's co-operation work with developing countries.

AUSF for Forestry Faculty students; aimed at furthering awareness and knowledge of forestry and forests.

CUT the university theatre association: develops activities related to theatre and entertainment.

E.D.A. University Association for environment valorisation and safeguard and for the promotion of the figure of environmental educator and publicist.

GUFO for those with an interest in fauna and ornithology, this group organises – inter-alia – bird-watching activities.

NUOVA FAUL Association students of Political Sciences to elaborate projects and initiative aimed to improve the knowledge in juridical and political- institutional matters of University students.

ODISSEO set up to involve students in the humanities subjects to deepen their archaeological subject-matter awareness.

PROJECT TWO association for developing students' computer skills for information gathering and multi-media work.

SPATRIMONIO A University association that protects, safeguards and valorises the cultural and environmental heritage of the area, also aiming to deepen and divulge the main needs related to these problems.

VIAGGIO A PONENTE University Association that pursues the aim of promoting and spread the culture of journey and pilgrimage towards the most frequented itineraries since late Middle Ages.

COORDINATOR

Dott. Angelo Cavallo - Infotel: +39 0761 357612 / + 39 0761 357604

STUDENTS' DEFENSOR

Avv. Daniele Di Marco

Piazza Concetti, 13 – 01100 Viterbo - Tel. + 39 0761 326161 - Fax + 39 0761 326252

e-mail: dadima02@libero.it

PSYCHOLOGY CONSULTANT

Dott.ssa Chiara Scalesse; by appointment - Tel. 347 8175862

SERVICE FOR DISABLED

Delegated by the Rector Prof. L. Osbat

Tel. + 39 0761 357158 - Fax + 39 0761 357195

THE CITY OF VITERBO

HISTORY AND CULTURE

It is the administrative centre of Tuscia, is of ancient Etruscan origin, and is situated to the north of the metropolitan area of Rome, some 60 miles away from the capital. Viterbo lies in the middle of a territory rich in charming landscapes and artistic and archeological ruins. It is the location for the Tuscia University and boasts the medieval quarter of San Pellegrino, one of the most impressive in Italy and surprisingly well preserved; the Papal Palace, the Pope's residence in the middle of the XIII century and seat of the longest conclave in the history of the Church; numerous fountains, austere Romanesque Churches and the remarkable cloisters.

The hill where the Cathedral presently rises was inhabited by the Etruscans. The settlement was destroyed by the Romans in 310 b.C. approximately. During the Middle Ages, the city expanded and thrived, thanks to the building of city walls that are still a peculiar feature today. That period was also dominated by civil strife and by the conquest of the town by Frederick I Barbarossa in 1170.

In the following years, the city witnessed the political struggle between Guelphs and Ghibellines, and then was unexpectedly besieged by emperor Frederick II, whose onslaught it had to rebutt violently.

It seems that Cardinal Raniero Capocci, helped by the young woman who was later canonized with the name of St. Rosa, incited people to revolt. The period of splendour for Viterbo was the second half of the Thirteenth century, when noble palaces, churches and typically Medieval fountains were built, the built-up area spread considerably and the city was chosen as a papal seat, as Popes were forced to flee from the fiery atmosphere of Rome.

A few Popes were elected in Viterbo, including Gregory X, Nicholas III and Martin IV. The latter brought the papal seat back to Rome in 1281.

During the Renaissance, the Farnese family changed Italy's political framework and was able to reach the apex of splendour and power, establishing a self-governing State, the Dukedom of Castro, free from Church rule.

Population and territory

Viterbo is located to the north of Rome in the Lazio region, in the centre of Italy. Nowadays it has about 66.000 citizens living in an area of approx. 407 sq.km. The sights of Viterbo include the famous Papal Palace, San Pellegrino, many Romanesque-style churches and fountains in peperino stone.

PLACES OF INTEREST

Medieval quarter of S. Pellegrino

A unique sight of narrow streets, palaces, "profferli" (external staircases), fountains, balconies, arches and small squares of great artistic value, and it is often enlivened by antiques markets, "infiorate" (when streets are stem with flowers) and folk festivals.

Papal Palace

The lodge is always open for admittance to the Conclave hall. For visits please apply to the Museo Colle del Duomo.

Palazzo dei Priori

It houses the local Town Hall.

Museums in Viterbo

(for opening hours, tickets and guided tours please call the numbers listed below)

- **Civic Museum**
Piazza Crispi, tel. +39 0761 348275
- **Museum of Colle del Duomo**

Piazza San Lorenzo, tel. +39 0761 325462

- **Museum of Voting Offers**

Shrine of the Madonna della Quercia: visit on request, tel. +39 0761 303430

- **Museum of Ceramics** – Brugiotti Palace: Via Cavour 67, tel. +39 0761 346136
- Museum of the Macchina di S. Rosa: Via S. Pellegrino 60, tel. +39 0761 345157
- National Museum – Rocca Alborno: Piazza della Rocca, tel. +39 0761 325929
- Sala Regia – Palazzo dei Priori: Piazza del Plebiscito 14, tel. +39 0761 306362 - 340729

Castel d'Asso Etruscan necropolis

Few kilometres away from the town. A peculiar concentration of monumental tombs (IV-I century b.C.) in a limited topographic zone. The area can be reached turning aside to the road which leads to the Thermal Baths Terme dei Papi.

Ruins of Ferento (Roman city)

Eight kilometres away from the town, turning aside on the road to Bagnoregio. The Roman city reached the maximum splendour in the Augustan age, when majestic buildings were erected. Evidence of this of this old and eventful past is the splendid theatre, setting of classical plays and concerts in summer. Open on Saturdays, winter 9.00 AM to 4.00 PM, summer 9.00 AM to 7.00 PM.

La Quercia

Small village located just 2 kilometres away from town, famous for its Shrine of the Madonna, harmonious Renaissance building erected between 1470 and 1525, with a beautiful façade in smooth ashlars.

Bagnaia

The village lies about 5 kilometres from Viterbo, and is known worldwide for the astonishing gardens of Villa Lante, begun in the second half of the XVI century by cardinal De Gambara and designed by Vignola. For information on opening hours and guided tours please call: +39 0761 288008.

San Martino al Cimino

The small town is one of the suggestive examples of baroque urbanism, gathered into a ring of walls with only two gates, long rows of terrace houses and aristocratic buildings. The main attractions are the Doria Pamphili Palace, built in the XVII century, and the Cistercian Abbey, erected in the XIII century by the Cistercians of Pontigny.

Bullicame hot springs

Leaving Viterbo by Porta Faul, at approx. 1,5 km in direction of Tuscania, the thermal area begins. Its centre is the spring Bullicame, quoted by Dante in his "*Inferno*", since the ancient times synonym of an Acherontean place, one of the mouths of hell. Its sulphurous waters spout at a temperature of 55° C/ 131° F. Originally discovered by the Etruscans, exploited by the Romans, who built palaces and baths since 310 BC, they have been visited by many eminent personalities, such as Gregory IX in 1350, Nicholas V in 1450, Michelangelo, who sketched the ruins of the ancient baths and De Montaigne (1580-1581), who compared them with the spa of Lucca. The spa has suffered several destructions: by the Lansquenets in 1527 and by an important flood in 1706.

Bagnaccio hot springs

You reach the area by driving along the Via Cassia north, turning left in direction of Marta at km 88; after 1 km, turn left again: a farm road will lead you to the site. Besides some Roman ruins and more springs like the Bacucco or Colonnella in the surroundings, you will find three large pools, where the thermal waters of the Bagnaccio springs are gathered and where you can take baths.

Palliano hot springs

Leaving Viterbo by the Via Cassia sud in direction of Vetralla, turn right after 7 km, before the link with the Superstrada. You will find several ruins of Roman buildings and some pools, where, thanks to the high temperature of the water, you can take baths even in winter-time.

Libraries

Apart from the University libraries, there are other libraries in Viterbo providing book, videos and reading rooms:

Biblioteca Comunale degli Ardentì

Piazza Giuseppe Verdi, 3 - Tel. 0761.340695 - Fax 0761.345442 - e-mail: ardenti@bibliotecaviterbo.it

Winter opening hours (1 september - 30 june):

mon - fri, 8.30 - 13.00; 14.30 - 19.00

Summer opening hours (1 july - 31 august):

mon - fri, 8.30 - 13.00; tues – thurs, 14.30 - 19.00

Biblioteca Provinciale "Anselmo Anselmi"

Viale Trento, 24 - Tel: 0761-228162 - Fax: 0761-345442 - e-mail: anselmi@bibliotecaviterbo.it

Winter opening hours (1 september - 30 june):

mon - fri, 8.30 - 13.00; 14.30 - 19.00

Summer opening hours (1 july - 31 august):

mon - fri, 8.30 - 13.00; 14.30 - 19.00

Biblioteca Ragazzi "Augusto Egidi"

Viale Trento, 28 - Tel: 0761-228162 - Fax: 0761-345442 - e-mail: ragazzi@bibliotecaviterbo.it

Winter opening hours (15 september - 15 june)

mon – fri, 15.00 - 18.00

Summer opening hours (16 july 14 september)

tues and thurs, 11.00 - 13.00

USEFUL ADDRESSES

Tourist Information CUI - CENTRO UNICO INFORMAZIONI

Via Ascenzi, 4 - 01100 Viterbo - Tel. no. 0761.325992 - E-Mail infotuscia@libero.it

APT - AZIENDA DI PROMOZIONE TURISTICA DELLA PROVINCIA DI VITERBO

Piazza San Carluccio - 01100 Viterbo - Tel. no. 0761.304795 - Fax 0761.220957 - E-Mail

infoviterbo@apt.viterbo.it

IAT - UFFICI INFORMAZIONI VITERBO

Porta Romana railway station - 01100 Viterbo - Tel. no. 0761.304795 - Fax 0761.220957 - E-Mail

infoviterbo@apt.viterbo.it

POST OFFICES

Post offices are located all over the town:

Viterbo 1: P.zza Dalla Chiesa 15

Viterbo 2: Via Cattaneo snc

Viterbo 3: Via Volta 22

Viterbo 4: S.s Cassia Nord 24

Viterbo Cassia: Via Ferroni snc

Viterbo Centro: Via Ascenzi 9

Post offices are usually open from 8.30 AM to 1.00 PM, except Viterbo Centro and Viterbo 1, open from 8.00 AM to 7.00 PM and from 8.00 AM to 1.15 PM on Saturdays.

PHARMACIES

See <http://www.comune.viterbo.it/> and <http://www.tusciainforma.it>.

HOSPITALS IN VITERBO:

Ospedale Belcolle - Strada Sammartinese Viterbo – Tel. 0761 3391

Only in case of EMERGENCY, call free n. 118

See also <http://www.asl.vt.it/>

BANKS

Banca Cattolica Cooperativa , Via A. Diaz, 52

Banca Commerciale Italiana, Via I. Garbini, 61

Banca d'Italia, Via G.Marconi, 26

Banca di Credito Cooperativo, Via Saffi, 136*

Banca di Roma, Piazza Verdi, 27*

Banca Nazionale Agricoltura, Piazza dei Caduti, 11/15

Banca Nazionale del Lavoro, Via Genova, 50

Banca Popolare dell'Etruria e del Lazio, Via Vicenza, 95

Banco di Brescia -Banca del Cimino, Piazza Martiri d'Ungheria

Banco di Napoli, Via I. Garbini, 80

Cassa di Risparmio di Viterbo, Via Mazzini, 129*

Credito Italiano, Via G.Vismara

Monte dei Paschi di Siena, Corso Italia, 6*

San Paolo di Torino, Via Orologio Vecchio, 12 / 18

Those marked with a "*" also provide money exchange service

TRANSPORT

There are 3 **railway stations**: two are managed by the national railway company (FS) and one by a local transport company (Cotral). The FS stations are Porta Fiorentina (Viale Trento, tel. 0761 316550 - 316358 - 316359) and Porta Romana (Via Romiti, tel. 0761 303429), while the Cotral station Roma Nord is located in via Nazario Sauro (tel. 0761 307679 - 306831), near Porta Fiorentina station. All stations provide transport to and from Rome, but the FS trains are usually faster.

www.trenitalia.it or www.ferrovie.it

The main **bus station** is located in Località Riello, (tel. 0761 324914 – 308837), very near the Agriculture faculty. It is managed by the Cotral company, which provides transport to reach all the province and to and from Rome.

For local transport see:

www.cotral.it or www.francigena.vt.it

Rent a car

If you need to rent a car you can phone the following numbers:

Automobile Club Viterbo (Via A. Marini, 16 - tel. no. 0761/342806-7)

Autonoleggio Poddi (Str. Tuscanese, 4 – tel. no. 0761/354334)

Europcar Italia (Via A. Diaz, 23 – tel. no. 0761/222969)

TRAVELLING TO AND FROM VITERBO

HOW TO GET TO VITERBO FROM ROME

There are no direct transfers from Rome airport to Viterbo. There are 2 possible solutions to go to Viterbo:

By Car:

Take the motorway A1 to ORTE. Then take the highway to Viterbo. Exit VITERBO NORD.

By train:

See www.ferrovie.it or www.trenitalia.it

HOW TO GET FROM ROME LEONARDO DA VINCI AIRPORT TO ROMA OSTIENSE RAILWAY STATION

By train: Trains, leaving every 15 mins. from 05.36 to 20.36 hours on weekly days and every 30 mins. from 05.06 to 20.36 on Sundays, are available from Fiumicino Airport Railway Station to Roma Ostiense. The run lasts about 30 minutes.

HOW TO GET FROM ROME CIAMPINO AIRPORT TO ROMA TERMINI RAILWAY STATION

By bus + train

Buses leaving from the airport go to Ciampino railway station (the run lasts 20 mins.) where you can find trains to Termini Railway station. Trains are every 15/20 mins. (the run lasts about 15 mins.)

For details see www.ferrovie.it
www.trenitalia.it

ACCOMMODATION

HOTELS, RESIDENCES; BED & BREAKFAST AND RESTAURANT, see:

<http://www.comune.viterbo.it/>

<http://www.provincia.vt.it/>

<http://www.regione.lazio.it>

<http://www.vt.camcom.it/>

<http://www.retecivica.vt.it/>

<http://www.tusciainforma.it/>

<http://www.tusciaweb.it/>

<http://www.lamatricola.it/>

EVENTS

Santa Rosa

In Viterbo, every year on the evening of 3rd September a hundred strong porters called 'Facchini' carry the 'Macchina di Santa Rosa' on their shoulders. The 'Facchini' are men from the town, endowed with the strength to lift a structure made up of iron, wood and paper-pulp and weighing about 35 quintals and 30 metres high. This 'tower' is transported through the darkened town streets and is illuminated by over a thousand candles against which the statue of the Saint stands out.

The historical procession

The reliquary which contains the heart of Santa Rosa is carried through the town in a religious procession on 2nd September.

Trade fair of Santa Rosa

4 September. Local market, entertainment and funfair.

San Pellegrino in Fiore

The streets of the historical centre of the town are decorated with flowers.

From 28 April to 1st May.

Summer theatre programme in Ferento

The theatre season takes place in the Ferento Roman Amphitheatre near Viterbo.

From 10 July to 10 August.

Christmas Concert

21 December – Viterbo