



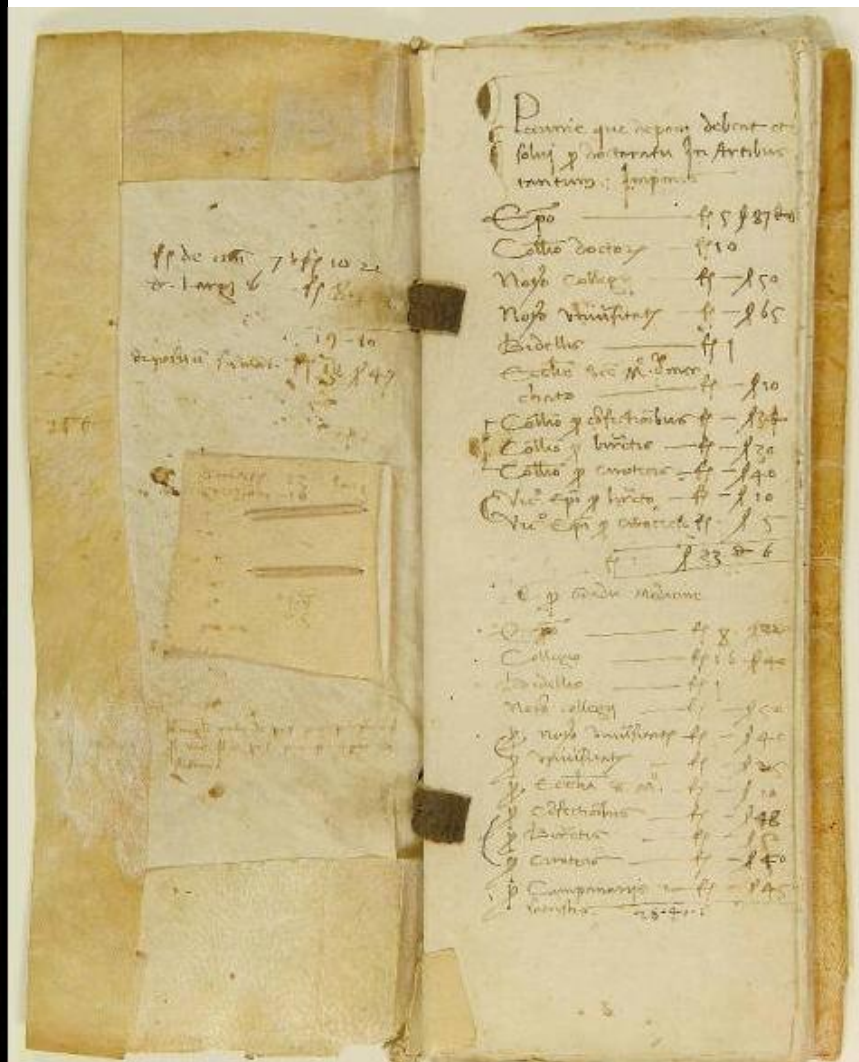
Today, the Università degli Studi di Perugia is a modern, multi-campus educational institution whose primary aim is to provide the highest quality degree programmes and advanced scientific research and development. There are currently more than 31.000 students enrolled at the Università degli Studi di Perugia and 1.100 teaching staff members supported by more than 1.000 administrators.

The University offers a wide variety of degree programmes in 11 faculties: Agriculture, Economics; Education, Engineering, Arts and Humanities, Law, Mathematics, Physical and Natural Sciences, Medicine, Pharmacy, Political Science, Veterinary Medicine.

The University offers courses at its main campus in Perugia as well as at other sites in Assisi, Città di Castello, Foligno, Orvieto, Spoleto, and Terni. In recent years, the University has developed into an ever more multi-cultural environment. There are more than 1.500 international students enrolled at the University on full degree courses and around 450 students who arrive at the University every year on exchange programmes.

















Medical Faculty: few medical faculties are able to boast a history as old and rich as that of the University of Perugia. The Faculty was established by Pope Clement V in the early 1300s as “*Facultas medicinae, philosophiae et atrium*” (medicine, philosophy, and law). During that period, Perugia had one of the most renowned professors of Medical Science, Gentile da Foligno, a 14th Century doctor and scientist, whose writings constituted some of the first medical textbooks, and a figure sought after by all the European universities. In the centuries that followed, Perugia’s School of Medicine had a variety of different experiences as the city was dominated by various Lords, or Signorie, and then as it returned under Papal sovereignty.

Courses			
Biomedical laboratory techniques	3-year degree course	Physiotherapy	3-year degree course
Environment and Workplace Prevention Techniques	3-year degree course	Speech and language therapy	3-year degree course
Imaging and radiotherapy techniques	3-year degree course	Food science and human nutrition	Master's degree
Kinesiology and sport science	3-year degree course	Medical, veterinary and forensic biotechnological sciences	Master's degree
Midwifery	3-year degree course	Science and techniques of sport and adapted kinesiology	Master's degree
Nursing - (Channel A)	3-year degree course	Dentistry and dental prosthesis	Single Cycle
Nursing - (Channel B)	3-year degree course	Medicine and surgery	Single Cycle
Nursing	3-year degree course	Medicine and surgery - (Channel A)	Single Cycle
Nursing	3-year degree course	Medicine and surgery - (Channel B)	Single Cycle

Specialisation Schools	PhDs
HOSPITAL PHARMACY	TRANSLATIONAL MEDICINE AND SURGERY
ANAESTHESIA AND INTENSIVE CARE	BIOTECHNOLOGY
GENERAL SURGERY	BIOLOGY OF THE IMMUNE SYSTEMS AND INFECTIOUS DISEASES
HEMATOLOGY	CHEMICAL AND PHARMACEUTICAL SCIENCES
GERIATRICS	CLINICAL AND MOLECULAR MEDICINE
GYNAECOLOGY AND OBSTETRICS	MOLECULAR BIOLOGY AND BIOTECHNOLOGY
HEALTH AND PREVENTIVE MEDICINE	VASCULAR BIOLOGY AND PATHOPHYSIOLOGY
DISEASES OF THE CARDIOVASCULAR SYSTEM	EXPERIMENTAL BIOLOGY AND MEDICINE
OCCUPATIONAL MEDICINE	BIOSCIENCES, BIOTECHNOLOGY AND BIOMATERIALS IN VASCULAR DISEASES AND ENDOCRINE-METABOLIC
EMERGENCY MEDICINE-EMERGENCY	PHARMACOLOGICAL BIOTECHNOLOGIES, ONCOLOGY AND CLINICAL PHARMACOLOGY
INTERNAL MEDICINE	BIOTECHNOLOGY IN HUMAN BONE MARROW TRANSPLANTATION
NEUROLOGY	NEUROSCIENCE
ONCOLOGY	PATHOGENESIS MOLECULAR IMMUNOLOGY AND CONTROL OF AGENTS THAT CAUSE THE MAIN TRANSMITTED DISEASES ASSOCIATED TO POVERTY: MALARIA, TUBERCULOSIS AND AIDS
ORTHOPAEDICS AND TRAUMATOLOGY	PATHOLOGY AND CLINICAL ATHEROSCLEROSIS
OTORHINOLARYNGOIATRY	BIOCHEMICAL SCIENCES AND BIOTECHNOLOGY
CLINICAL PATHOLOGY	
PEDIATRICS	
PSYCHIATRY	
RADIODIAGNOSTICS	
RADIOTHERAPY	
UROLOGY	



Erasmus
Mundus

Experience related to ERASMUS MUNDUS



EUROPEAN MASTER IN

Theoretical Chemistry and Computational Modelling

The Theoretical Chemistry and Computational Modelling (TCCM) Master, coordinated by the University of Madrid, is an initiative of 47 European institutions from 8 different European countries that aims to:
Establish a European standard for research-oriented studies in TCCM.
Prepare experts in the use and development of computational

techniques in molecular sciences, to work with innovative pharmaceutical, petrochemical and new-materials industries.

Prepare students for doctoral studies in Chemistry, Physics, Life or Material Sciences.

Promote international mobility of research students.

Offer to students from a wide range of countries (including non-European ones) a highly qualified title at the post-bachelor level.

The master can be accessed by students having a Bachelor in Chemistry, in Physics or in Material Science or any equivalent level if authorized by the legislation of the corresponding European Country. Other scientific bachelors can be accepted, provided the student takes complementary leveling courses, under the supervision of his local Tutor.

Through this master our University receives two students annually, who completed their degree here in Italy. The University, in addition to hosting students for the second year of the Master, provides housing. (<http://www.emtccm.org/tccm-em/overview>)



Erasmus Mundus Action 2 Scholarship
programme for Argentina, Bolivia, Brazil,
Chile, Colombia, Ecuador, Paraguay,
Peru, Uruguay, Venezuela and EU

The SUD-EU project was selected in July of this year, so the work-program is still being finalized. Focus of the project is the inclusion of new partners in the action Erasmus Mundus ensuring that new countries (especially Latin America) participate in mobility initiatives in Europe and harmonizing the recognition of qualifications. Mobility is intended for students, graduates, graduate students, post-doctoral, master's students and staff. The kick-off meeting was held in Bilbao last October 23 to 24. The University of Perugia is the project partner, along with 18 other institutions in and outside Europe, and 9 associated partners, all of South America (Argentina Bolivia Brazil Chile Colombia Ecuador Paraguay Peru Uruguay Venezuela).

ACADEMIC OFFER

Italian university education is based on three main cycles of study, as follows:

First Cycle (Primo Ciclo)

Bachelor programme (Corso di Laurea - 3 years)

Single-cycle Degree (Corso di Laurea Magistrale a Ciclo Unico - 5 or 6 years)

Second Cycle (Secondo Ciclo)

Master programme (Corso di Laurea Magistrale - 2 years)

1st Level vocational master (Master Universitario di Primo Livello)

Third Cycle (Terzo Ciclo)

Doctorate (Dottorato di Ricerca-PhD)

Specialisation School (Scuola di Specializzazione)

2nd Level vocational master (Master Universitario di Secondo Livello)

REQUIREMENTS

Admission to a **1st level degree course**: it is needed a secondary school diploma.

For the qualification it is necessary to accumulate 180 credits (60/year).

Admission to a **single-cycle degree course**: it is needed a secondary school diploma.

For the qualification it is necessary to accumulate 300 credits, in the case of 5-year courses, and 360 credits, in the case of 6-year courses (60/year).

Admission to a **2nd level degree course**: it is needed a 1st level degree.

For the qualification it is necessary to accumulate 120 credits (60/year).

To be admitted to a **doctoral programme** a **Single-cycle degree** or a **Master degree** must be acquired.

Candidates must pass a selection examination. A doctoral degree is awarded after a period of study lasting $\frac{3}{4}$ year.

Admission to a **specialisation course**: you must hold a 2nd level degree.

The length of the course and the number of credits required for the specialisation qualification are defined by the academic structure of each course.

Admission to a **1st level master course** (part of the II cycle of university studies): you must have a 1st level degree.

Admission to a **2nd level master course** (part of the III cycle of university studies): you must have a 2nd level degree. A vocational master course generally lasts from 6 months to 1 year.

To obtain the qualification (1st or 2nd level master) it is necessary to accumulate 60 credits.

ECTS/ Academic recognition in your university :

Students attending the Università degli Studi di Perugia on a European exchange programme can transfer ECTS credits obtained in Italy back to their Home University to be counted towards their degree (be it a first, second, third cycle). This allows the exchange programme to recognise not only the cultural aspect of such an exchange but also the academic achievement of the student.

Erasmus Students, before arriving in Perugia, will initiate a learning agreement between the coordinators at their home institution and our University. This will detail the student's proposed study programme for the duration of their stay in Perugia (i.e. individual course units and number of related ECTS credits). There will also be space for any changes in the programme. This agreement must be signed by both coordinators and by both institutions' overall Erasmus coordinator, before the student's arrival.

At the end of the stay the student will receive a document called "**transcript of records**" stating the length of the stay and the records achieved. In the transcript of records, the grades of the exams are certified with the local grade system, which is a number on a scale from 18 to 30. In the transcript of records, the ECTS exam mark is also indicated, which is a number from 1 to 5, and the relative credits.

ITALIAN MARKS	ECTS GRADES	DEFINITION
30-30 cum laude	1	EXCELLENT-outstanding performance with only minor errors
27-28-29	2	VERY GOOD-above the average standard but with some errors
24-25-26	3	GOOD-generally sound work with a number of notable errors
21-22-23	4	SATISFACTORY-fair but with significant short comings
18-19-20	5	SUFFICIENT-performance meets the minimum criteria
<18	FX	FAIL-some more work required before the credit can be awarded
<18	F	FAIL-considerable further work is required

► Condition to obtain the local diploma :



INTERNATIONAL RELATIONS AREA

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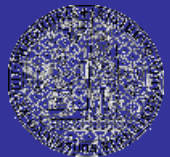


New Biotechnology European Curricula



Università degli Studi di Perugia

Job Creation Oriented Biotechnology International First Level Degree



Biotechnology Medical Application International Master



With the support of the Lifelong Learning Programme of the European Union - EUROBIOTECH – European Biotechnology Agr. n° 2007-2566 / 001-001 project n° 134310-LLP-1-2007-1-IT-ERASMUS-ENW

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FIRST LEVEL

“JOB CREATION ORIENTED BIOTECHNOLOGY”

First year - first semester

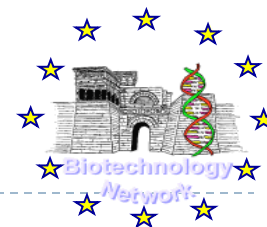


Courses	Module	Credits/Module	Total Credits	Evaluation
Chemistry			15	exam
	General and Inorganic Chemistry	7		
	Organic Chemistry	8		
Physical and mathematical fundaments for biotechnology			6	exam
Biotechnological processes I°		3		able
Ethics and law in biotechnology			5	exam
	Bioethics	2		
	Patent & Law	3		

FIRST LEVEL

“JOB CREATION ORIENTED BIOTECHNOLOGY”

First year - second semester

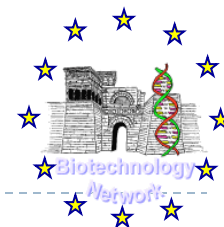


Courses	Module	Credits/Module	Total Credits	Evaluation
Biochemistry			7	exam
Cell Biology and General Histology			10	exam
	Cell culture	3		
	Cell Biology and Istology	7		
Biotechnology techniques			9	exam
	Biophysics	4		
	Instrumental analysis	5		

FIRST LEVEL

“JOB CREATION ORIENTED BIOTECHNOLOGY”

Second year - first semester



Courses	Module	Credits/Module	Total Credits	Evaluation
Genetics			5	exam
Microbiology and Virology			8	
	Microbiology and Virology	6		exam
	Microbiologic techniques	2		
Physiology and General Pathology			11	exam
	Plant and Human Physiology	6		
	Immunology	5		

FIRST LEVEL

“JOB CREATION ORIENTED BIOTECHNOLOGY”

Second year - second semester



Courses	Module	Credits/Module	Total Credits	Evaluation
Molecular Biology			8	exam
Biotechnological processes II°		3	6	exam
Molecular and genetic diagnostics			7	exam
Pharmaceutical Biotechnology			11	exam
	Pharmacology and toxicology	6		
	Pharmaceutical biotechnology & drug engineering	5		
Animal Biotechnology and tissue engineering			5	exam
Plant biotechnology			5	exam

FIRST LEVEL

“JOB CREATION ORIENTED BIOTECHNOLOGY”

Third year - first semester



Courses	Module	Credits/Module	Total Credits	Evaluation
Informatics in biotechnology field			13	exam
	Computer & Biostatistic	6		
	Bioinformatics	8		
Biomaterials and biocompatibility			5	exam
Quality control & assurance			5	exam
Industrial Biotechnology			8	exam
	Business & Project Management	4		
	Industrial simulation & case study	4		
			150	

Biotechnology Medical Application International Master



I YEAR

I SEMESTER				II SEMESTER	
MODULES	Hrs. Lecture	Hrs. Practice	CREDITS		CREDITS
Molecular Pathology of cellular components	25	25	4	Stage	30
Infection diseases: diagnosis of bacterial viral and parasite infection	30	35	5		
Gene cloning system: stability and expression of cloned gene products	25	25	4		
Cell transformation and transgenic species	18	20	3		
Molecular Pathology of genetic diseases	25	25	4		
Genes probes and diagnosis of diseases	12	13	2		
DNA fingerprinting and person identification	12	13	2		
Inflammatory factors	12	13	2		
Molecular pathology of immune system	12	13	2		
Tissue and cell transplant	12	13	2		

Biotechnology Medical Application International Master

II YEAR



<i>I SEMESTER</i>				<i>II SEMESTER</i>	
MODULES	Hrs. Lecture	Hrs. Practice	CREDITS		CREDITS
Tumours	35	40	6	Stage	30
Protein purification and proteomic analysis	25	25	4		
Biosensor	18	20	3		
Biomedical optoelectronic	18	20	3		
Molecular pathology of liver and kidney	25	25	4		
Molecular pathology of cardio-vascular disease	25	25	4		
Molecular pathology of endocrine system	18	20	3		
Neuropathology	18	20	3		