



UNIVERSITÀ  
DI SIENA  
1240



Courses in English 2016/2017





UNIVERSITÀ  
DI SIENA 1240



1240 Date of foundation

15 Departments

32 Undergraduate Programmes

29 Graduate programmes

5 Long Single Cycle Degree programmes

13 Degree programmes taught entirely in English

24 Doctoral programmes

11 Double Degree programmes

47 Third cycle specialization programmes

63 Special short programmes

17000+ Number of students in degree programmes

405 Number of students in Doctoral programmes

729 Research and teaching staff

997 Technical and administrative staff





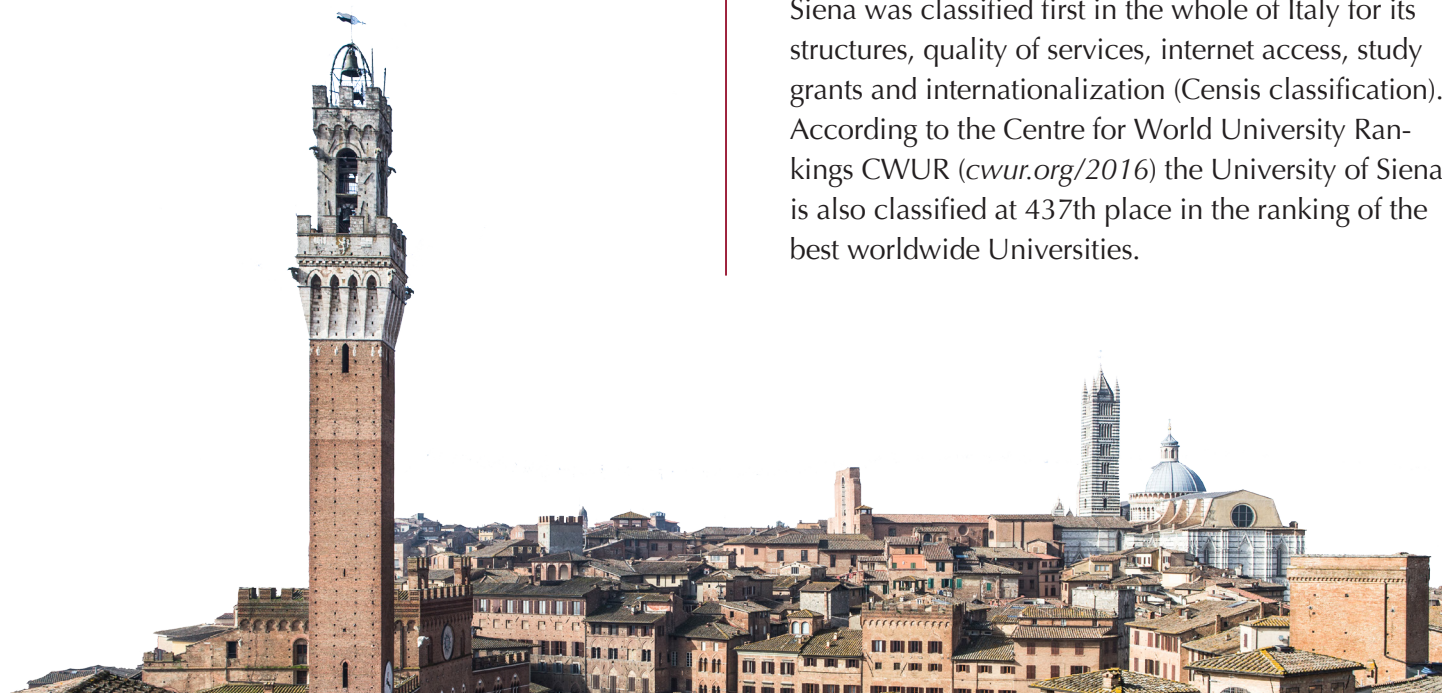
## WELCOME IN SIENA

The University of Siena is one of the oldest universities in Europe, having been founded in 1240.

The history of the University of Siena has evolved alongside Tuscany's cultural tradition since the Middle Ages. Siena is located in the heart of Tuscany amid a landscape of gentle rolling hills. Built on three steep hills and encircled by ancient walls, Siena it is a unique city where students can spend a quiet study period, full of opportunities for their personal enrichment.

### ■ A STRONG INTERNATIONAL MISSION

Over the years the University of Siena has enhanced its strategy for internationalization, aiming to attract students and researchers from all parts of the world. Some of our degrees are taught partially or entirely in English (see next pages) and double degree agreements have been set up (see double degree programmes at [www.unisi.it/internazionale/studio-e-stage-allestero/studio-e-ricerca-allestero/doppi-titoli-double-degrees](http://www.unisi.it/internazionale/studio-e-stage-allestero/studio-e-ricerca-allestero/doppi-titoli-double-degrees)).



### • International Summer Programmes in Siena

International Summer Schools are hosted at the University of Siena:

- Purdue University (USA), Brian Lamb School of Communication: "Communication in a Global Context"
- Purdue University (USA), Krannert School of Management: "Managing in the global business environment"
- Harvard College (USA), Summer Program: "Beauty, leadership and innovation"
- Yale University (USA) - Summer Session
- University of St. Thomas (USA), "Financial Management and Italian Life and Culture"
- University of Texas at San Antonio (USA), "The Classical World: Anthropology, Art and Culture."
- University of Toronto (Canada), Woodsworth College Summer School
- Alves Faria College, Faculdades ALFA (Brasil), "Democracia e desenvolvimento"

### ■ RANKINGS AND ACCREDITATIONS

With over 17,000 students, in 2015 the University of Siena was classified first in the whole of Italy for its structures, quality of services, internet access, study grants and internationalization (Censis classification). According to the Centre for World University Rankings CWUR ([cwur.org/2016](http://cwur.org/2016)) the University of Siena is also classified at 437th place in the ranking of the best worldwide Universities.

# Meet your life, build your future

High quality research and teaching, world-famous location



## DEGREE COURSES TAUGHT IN ENGLISH 2016-17

### FIRST CYCLE DEGREE COURSES

#### Economics and banking curriculum Economics and banking

The three-year programme in Economics and Banking addresses the fundamentals of financial intermediation within the banking industry, insurance sector and financial markets by providing a sound training in all the core economic disciplines and other social sciences, such as history and law. In this regard, the programme examines how financial institutions and markets function with a particular attention to the micro- and macro-economic dimensions. Graduates in Economics and Banking will develop skills in understanding economic and financial phenomena and have a strong hold on all the core skills required for the analysis of economic issues and of data. Graduates will also attain a significant advantage for progressing to a number of graduate courses and, in particular, for the two MSc programmes in Economics and Finance taught in English at Siena as well as for the two-year programme in Accounting and Management (AMa) of the MSc in Management and Governance.

### SECOND CYCLE DEGREE COURSES

#### Economics curriculum Economics

The MSc in Economics is a two year graduate programme that aims to provide an advanced level of education in economics. The program is built on four core courses — mathematics, microeconomics, macroeconomics and econometrics — in order for students to acquire advanced tools for economic analysis, and offers a wide array of specialized topics in most fields of modern economics. The programme is designed to give our students the ability to approach a wide variety of economic and social issues.

#### Finance

The MSc in Finance will provide knowledge in three main fields: - *Quantitative Area*. Students study in deep the methods used in financial markets to price financial securities: basic principles of stochastic calculus, no-arbitrage principle and risk neutral (martingale) pricing, derivatives pricing, interest rate derivatives, stochastic volatility models, financial econometrics; - *Economic Area*. Students are exposed to the theoretical framework of modern financial economics: microeconomic models for business and finance, models with asymmetric information and decision under uncertainty, monetary economics and central banking approaches; - *Management Area*. Our fundamental courses will provide the knowledge to study financial behaviour of financial and non-financial firms and financial markets.

#### International studies curriculum European studies

The Master of Science in International Relations – European Studies aims to provide students with cultural, communicative and methodological abilities in the following fields: history, economics, law, political science, linguistics. These skills are designed to help students develop their ability to understand and analyze the international dimension of contemporary political, economic and social phenomena. This Master's programme focuses on European Union politics and economy, its institutional evolution, its role as a key actor on the global scene. Acquiring analytical tools, institutional knowledge and comparative analysis abilities, our students will be able to understand, evaluate and manage the major issues, challenges and perspectives relating to contemporary European societies.





## Management e governance curriculum Accounting and management

The course intend is to form graduates that will be able to assume roles of directional responsibility inside companies, in staff functions as well as in line management; start an independent entrepreneurial activity, including that of the execution of the professions and activities of consulting (accounting and company); assume roles of responsibility in institutional organisms (Chamber of Commerce, Associations of category, Local bodies, international organizations). The course offers training to develop highly skilled management professionals, able to take effective action in a dynamic global environment. The in-class experience includes simulations of management decision-making processes, broad interaction between the faculty and the students, personal communication and presentation skills enhancement, and team-working.

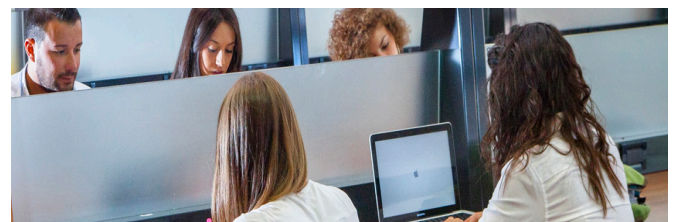
## Public and cultural diplomacy curricula: Public diplomacy; Cultural diplomacy

The MSc in Public and Cultural Diplomacy provides the necessary skills to work in the fields of international relations, international communication and foreign public engagement. The program focuses on the evolution of diplomacy from classic state-to-state relations, to public diplomacy and now to cultural and global diplomacy, in different geo-political areas. Students will be exposed to a wide set of innovative theoretical and methodological approaches to international relations: soft and smart power strategies, strategies of communication in international contexts, mediation techniques, conflict management in areas of crisis. On the second year students can choose among two different curricula. The curriculum in Cultural Diplomacy will provide the relevant skills to work with the management of the cultural heritage. The curriculum in Public Diplomacy will focus on strategies and techniques for understanding, communicating and influencing international audiences in public, scientific and cultural diplomacy.



## Language and mind. Linguistics and cognitive studies curricula Linguistics and cognition; Philosophy and cognition

The Master program offers a highly interdisciplinary training, directly connected with the advanced research activities undertaken at the Center for Cognitive Studies on Language ([www.ciscl.unisi.it](http://www.ciscl.unisi.it)). The program focuses, in both curricula, on the study of language in the perspective of cognitive studies and of the philosophy of language and mind. It is primarily addressed to students interested in the description of human languages, in their different varieties including different dialects; the study of language as a cognitive capacity and its relevance in the domain of first and second language acquisition and language pathology; the study of the philosophical, psychological, biological and social bases of language and cognition; the study of the relevance of the analysis of human language for philosophical studies. Students in the Master program have the option to apply for a double-degree program with the Master program "Logic and philosophy of science (LoPhiSc)" of the University of Paris 1, Panthéon Sorbonne (classes in French).







## Medical biotechnologies

The Master degree in Medical Biotechnologies at the University of Siena has incorporated key features to prepare the modern Medical Biotechnologist for future challenges, by focusing on those concepts and theories which are mostly important for creating a stable platform to develop technical know-how and skills. The technical skills of the student begin with learning in a controlled laboratory environment. As students progress, they will be taught to think and solve problems analytically through modules that were specially designed for them to make independent decisions. The University of Siena is particularly skilled in the field of medical and pharmaceutical sciences and the Faculty members are engaged in active research work, providing a suitable environment for the student to experience the thinking, planning, application and discussion related to research.



## Biology curriculum Biodiversity and environmental health

Biodiversity and Environmental Health" is one of the two educational paths of the MSc program in Biology of the University of Siena. The course aims to provide insights into the field of biodiversity and the ways of its interlinking with planetary health. Themes in the areas of microbial, fungal, plant and animal diversity will be covered, either by lectures and laboratory based activities. Modules focusing on conservation biology and resource management will be addressed to train students on environmental sustainability, by defining the role of living organisms within ecosystems and applying monitoring and control techniques in order to preserve their diversity. Critical issues concerning the contribution of biodiversity to the development of pharmaceuticals and the quality and safety control of food sources will be also considered. Altogether, the course is designed to prepare a new generation of experts able to research and apply integrated approaches to biodiversity and planet health.

## Chemistry

The Master Degree prepares students with an advanced knowledge and skills in the most important areas of Chemistry (Physical, Inorganic, Organic and Biochemistry). These studies will prepare the student for a wide range of professional activities as well as continued doctoral studies. Lessons are complemented with specific lectures on subjects related to chemistry for life science or for sustainable development. The second year activity includes with 300 hours of internship in companies working in all fields of chemistry. The students complete their studies by participating in a high level research project (6-8 months) within international research groups at the University of Siena or other public or private institutions. Students have the opportunity to apply for an international double degree.



## Applied mathematics

The Master of Science in Applied Mathematics aims at training specialists that, besides a solid basis in the fundamentals of mathematics, have also an extensive knowledge of problems and methods in related areas of science and technology. After broadening their knowledge of theoretical aspects of mathematics with advanced courses in logic, algebra, geometry and calculus, and of application-oriented areas such as statistics, mathematical modeling, numerical analysis and optimization, the students will complete their plan of study with subjects related to more applied fields, like data analysis or the study of complex systems. These specialists will therefore be able to analyze problems not only within the mathematical domain but also in related sectors, to identify the mathematical instruments necessary to formalize and solve them, and to interact effectively with experts of other disciplines (computer science, engineering, economics and experimental sciences).

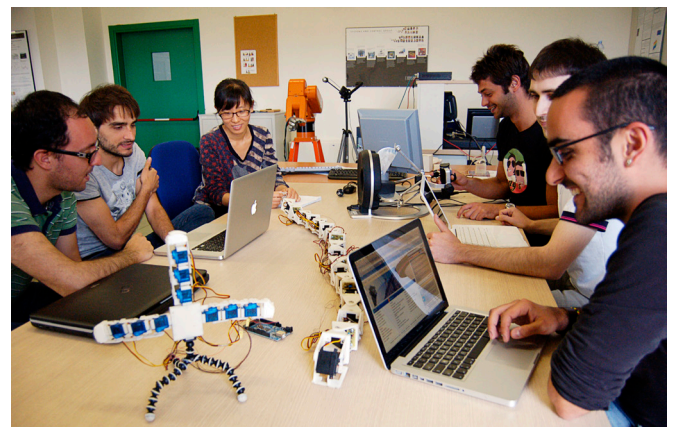
## Computer and automation engineering curricula Information systems; Robotics and automations

The MSC in Computer and Automation Engineering aims at providing high-level competences for the design, management, development and innova-

tion in the fields of advanced hardware and software architectures, and of control systems and robotics. In particular, the program is focused on human-machine interaction in a wide sense, spanning topics such as artificial intelligence, machine learning, high performance processing of massive data collections, human-robot interfaces, and systems for production automation. The program provides advanced competences in the area of computer and automation engineering. To get admission in this course of studies students must possess: a background in mathematics, statistics and physics, equivalent to the one achieved in first-level (B.A.) engineering degrees; basics principles of computer science, control, electronics and telecommunications; basic programming skills.

## Electronics and communications engineering

The Master's Degree in Electronics and Communications Engineering aims to form a graduate with advanced skills in processing and information-transmission systems of and to provide more specific knowledge in the design of devices and electronic systems. It provides the skills and methodological tools needed to design and develop systems for signal and image processing, antenna design, microwave systems and devices, analog and digital electronic design with applications in the fields of electronics, telecommunications. The program provides methodologies of advanced mathematical calculus, in particular functional and complex analysis, in order to introduce the necessary tools to model and formalize the solutions of complex information engineering problems.







## PLANNING YOUR DEGREE

### ECONOMICS AND BANKING CURRICULUM ECONOMICS AND BANKING

FIRST YEAR	CFU	TERM
Economic History	9	II
Political Economy	9	II
Principles of Mathematics	9	I
Statistics	9	II
Business Administration	9	II
Public Law	9	I

#### SECOND YEAR

Macroeconomics	9	II
Microeconomics	9	I
Accounting	9	I
Financial Mathematics	9	I
Private Law	9	I
Corporate Finance	9	II
English for Business and Finance	6	II

#### THIRD YEAR

International Economics	9
Economics of Money and Banking	9
Financial Markets	9
Business Law	9
One course to be chosen between:	
Financial Institutions Management	9
Banking Management	9
Free choice	12
One course to be chosen between:	
Computer Tools	6
Internship	6
French/Germany/Spanish B1	6
Thesis	3

## ECONOMICS

### CURRICULUM ECONOMICS

FIRST YEAR	CFU	TERM
Mathematics for economic applications	6	I
Microeconomics I&II	12	I+II
Macroeconomics	6	II
Econometrics I&II	12	I+II
Public economics	6	II
International management	6	I
English for economics & business	6	I

#### SECOND YEAR

3 electives in Economics:

Monetary economics	6	I
Growth and development	6	I
Economic dynamics	6	II
Industrial organization	6	I
Game Theory and Social Choice	6	I
Post-Keynesian Economics	6	I
Behavioral economics	6	I
Economic organization and theories of the firm	6	II
Advanced Mathematical Methods for Economics and Finance	6	II
Economic History	6	I
Financial investments and risk management	6	II
1 elective in Law:		
International banking and financial regulation	6	I
Competition Law and Policy	6	II
Others at student's choice	12	
Other activities	3	
Thesis	21	





## FINANCE

FIRST YEAR	CFU	TERM
Microeconomics for Business and Finance	6	I
Econometrics	6	I
Fundamentals of Programming	6	I
Financial Modeling I	9	I+II
Financial Investments and Risk Management	9	II
Corporate Valuation	9	II
Information Technology for Business and Finance	6	II
One activity chosen between:		
Santa Chiara Lab Training	6	I+II
Internship	6	I+II

## SECOND YEAR

Monetary Economics	6	I
Financial Modeling II	9	I
International Banking and Financial Regulation	6	I
Three courses chosen from:		
Statistics for Business Decision Making	6	I
Economics of Sustainable Development	6	II
International Financial Accounting	6	I
Active Portfolio Management	6	II
Financial Engineering	6	II
Asset Allocations	6	II
Advanced Financial Modeling	6	II
Financial Markets	6	I
Alternative Assets	6	II
Applied Econometrics	6	II
Corporate Treasury Management	6	II
Interest Rate Derivatives	6	II
International Comparative Tax Law	6	II
Structured Finance and Insurance	6	II
Behavioral Economics	6	I
Free choice	9	
Thesis	15	

## INTERNATIONAL STUDIES

### CURRICULUM EUROPEAN STUDIES

FIRST YEAR	CFU	TERM
Contemporary european history	9	II
European macroeconomics	6	I
Environmental economics	6	I
European human rights protection	6	II
European union politics	9	II
Comparative politics	9	I
UE Language	6	II
Informatics skills	3	I
English level test C1	4	I+II

## SECOND YEAR

International economic law	6	I
Monetary economics	6	II
History of international relations	9	II
UE Language	6	II
Free choice	9	
Traineeship	4	
Other	4	
Thesis	18	





## MANAGEMENT AND GOVERNANCE

### CURRICULUM ACCOUNTING AND MANAGEMENT

FIRST YEAR	CFU	TERM
Strategic Management	6	II
International Management	6	I
Business Law	6	I
International Financial Accounting	6	I
Public Management	6	II
One course to be chosen among:		
Microeconomics for Business and Finance	6	I
Economics of Sustainable Development	6	II
Comparative Law	6	II
One course to be chosen among:		
Advanced European Union Law	6	I
Law for Sustainability	6	
Others at student's choice	12	
One course to be chosen among:		
English for Economics & Business	6	II
Professional training	6	I+II
Activities carried out at the Santa Chiara Lab	6	I+II

### SECOND YEAR

Corporate valuation	9	II
Industrial organizations	9	I
Statistics for Business Decision Making	9	I
Models of Capitalism	9	II
Thesis	24	

## PUBLIC AND CULTURAL DIPLOMACY

### CURRICULUM PUBLIC DIPLOMACY

FIRST YEAR	CFU	TERM
International Relations and Public Diplomacy	9	I
Environmental Economy	6	I
Rule of Law and Human Right	9	II
Strategic Public Relations	9	II
Global Comparative Politics	6	I
Two courses to be chosen among:		
Cultural Heritage and Public Diplomacy	6	I
Antropology of Cultural Heritage	6	II
Geography and Sustainability	6	I
One course to be chosen among:		
French Language and Cultures	9	II
Hispanic Language and Cultures	9	II
Chinese Language and Cultures	9	
Arab Language and Cultures	9	
SECOND YEAR		
New Media and Globalization	9	II
Two courses to be chosen among:		
Industrial Archaeology	6	II
Public Diplomacy and International History	6	II
Language, Society and Ideology	6	I
Suitability second language level B2	3	
Chosen by the student activities	12	
Job training and guidance	9	
Other knowledge needed to enter the world of work	3	
Final test	12	







## PUBLIC AND CULTURAL DIPLOMACY CURRICULUM CULTURAL DIPLOMACY

FIRST YEAR	CFU	TERM
International Relations and Public Diplomacy	9	I
Environmental Economy	6	I
Rule of Law and Human Rights	9	II
Cultural heritage and cultural relationships	9	I
Two courses to be chosen among:		
Cultural Heritage and Public Diplomacy	6	I
Antropology of Cultural Heritage	6	II
Geography and Sustainability	6	I
One course to be chosen among:		
French Language and Cultures	9	II
Hispanic Language and Cultures	9	II
Chinese Language and Cultures	9	
Arab Language and Cultures	9	
One course to be chosen among:		
Culture and Institutions in Latin American	6	II
Global Comparative Politics	6	I

## SECOND YEAR

New Media and Globalization	9	II
Two courses to be chosen among:		
Prehistory and intercultural relationships: ancient technologies and environmental resources	6	II
Monitoring the Mediterranean Cultural Heritage: archaeological strategies, methods and techniques	6	II
Written records, books and libraries as the world's memory and citizenship	6	II
Suitability second language level B2	3	
Chosen by the student activities	12	
Job training and guidance	9	
Other knowledge needed to enter the world of work	3	
Final test	12	

## LANGUAGE AND MIND: LINGUISTICS AND COGNITIVE STUDIES

### CURRICULUM LINGUISTICS AND COGNITION

FIRST YEAR	CFU	TERM
Syntactic structures and compositional semantics	12	II
Logic and theory of meaning	12	I+II
Philosophy of mind	12	I
Theory of grammar and language acquisition	6	II
Language, society and ideology	6	II
Academic English and translation	6	I
Computational linguistics	6	I

## SECOND YEAR

Morphosyntax and experimental studies on language	6
Psycholinguistics	6
Theory of grammar	6
Corpus approaches to discourse analysis	6
Chosen by the student activities	12
Suitability second language level B2	3
Job training and guidance	3
Final test	18





## LANGUAGE AND MIND: LINGUISTICS AND COGNITIVE STUDIES

### CURRICULUM PHILOSOPHY AND COGNITION

FIRST YEAR	CFU	TERM
Syntactic structures and compositional semantics	12	II
Logic and theory of meaning	12	I+II
Philosophy of mind	12	I
Theory of grammar and language acquisition	6	II
Language, society and ideology	6	II
Academic English and translation	6	I
Epistemology	6	I

### SECOND YEAR

Theory of argumentation	6
Logic of Natural language	6
First order logic	6
Theory of science and theory of knowledge	6
Chosen by the student activities	12
Suitability second language level B2	3
Job training and guidance	3
Final test	18

## MEDICAL BIOTECHNOLOGIES

FIRST YEAR	CFU	TERM
Advanced biochemistry	8	I
Advanced microbiology	14	I
Next generation Genomics	6	I
Vaccine discovery and development	6	II
Clinical microbiology	10	II
Medical genomics	6	II
Reproductive health and regenerative medicine	9	II
A choice of the student	4	II

### SECOND YEAR

Advanced neurology	9	I
Experimental pathology & immunity	9	I
Oncology and molecular immunopathology	11	II
Activities' training optional subjects	4	II
Internship training and guidance	1	II
Language skills	3	II
Final round	20	





## BIOLOGY

### CURRICULUM BIODIVERSITY AND ENVIRONMENTAL HEALTH

FIRST YEAR	CFU	TERM
Evolution of biodiversity of terrestrial plants	6	I
Biodiversity of fungi	6	I
Biodiversity of terrestrial animals	6	I
Microbial biodiversity	6	II
Conservation biology	6	II
Biodiversity and pharmaceuticals	13	II
Two among:		
Plant nutritional physiology	6	II
Reproductive biology of pest insects	6	I
Monitoring biodiversity	6	II
Proteome science	6	II
Biodiversity and infectious diseases	6	II
Quality control of food	6	I
Food safety and human health	6	I
Test of competence in English (B2)	3	

### SECOND YEAR

Molecular applied zoology	6	I
Applied ecology and environmental management	6	I
Biodiversity and environmental quality	6	I
Chosen by student	12	
Internships and tutoring	6	
Final examination	26	



## CHEMISTRY

FIRST YEAR	CFU	TERM
Advanced Physical Chemistry (I e II mod.)	12	I+II
Advanced Inorganic Chemistry (I e II mod.)	12	I+II
Advanced Organic Chemistry (I e II mod.)	12	I+II
Advanced Analytical Chemistry	6	I
Advanced Biological Chemistry	6	I
Choice of 2 among:		
Group 1 (Chemistry for life):		
Bioorganic Chemistry	6	II
Metabolomics	6	II
Protein Crystallography	6	II
Surface Chemistry and Nanomaterials	6	II
Elements of Computational Organic Spectroscopy	6	II
Group 2 (Chemistry for sustainable development):		
Neutraceutical and Food Chemistry	6	II
Industrial Biotechnology	6	II
Environmental Spectroscopy	6	II

### SECOND YEAR

Chosen by the Student	12	I
Choice among:		
Group 1 (Chemistry for life):		
Metal-based drugs	6	II
Informatics for chemistry and biology	6	II
Biophysical Chemistry	6	II
Group 2 (Chemistry for sustainable development):		
Sustainable and efficient energy	6	II
Green Chemistry and Catalysis	6	II
NMR applications for Food Chemistry	6	II
Remediation of contaminated sites	6	II
Health and Safety Safeguard in the Working Environment	1	I
Internship in a Company/in a research lab	11	I
Experimental project for final dissertation	30	II





## APPLIED MATHEMATICS

FIRST YEAR	CFU	TERM
Mathematical Logic	6	I
Foundations of Mathematics	6	I
Advanced Geometry	6	I
Advanced Analysis	6	II
Advanced Algebra	6	II
Numerical Analysis	6	II
Optimization	6	II
Choice among:		
Mathematical Physics	6	I
Mathematical Statistics	6	II
English (B2)	3	I
Chosen by the student	6	I-II
Suggested choices:		
Graph Theory	6	I
Formal Systems	6	I

## SECOND YEAR

Choice among (24 cfu):		
Graph Theory	6	I
Discrete Mathematics	6	I
Information Theory	6	I
Formal Systems	6	I
Educational Mathematics	6	I
Foundations and Languages for Bioinformatics	12	I+II
Artificial Intelligence and Machine Learning	12	I+II
Data and Financial Analysis	12	II
Differential Equations and Complex Systems	12	II
Advanced Database Systems	6	II
Evolutionary Game Theory	6	II
Fuzzy and Real Time Modeling	6	II
Multilinear Geometry	6	II
Chosen by the student	12	I-II
Final Examination	27	

## COMPUTER AND AUTOMATION ENGINEERING

### CURRICULUM INFORMATION SYSTEMS

FIRST YEAR	CFU	TERM
Automata and queueing systems	6	I
Advanced digital image processing	9	I
High performance computer architecture	9	I
Machine learning	6	I
Advanced database systems	6	II
Artificial Intelligence	9	II
Models and languages for bioinformatics	6	II
Network optimization	6	II
Linguistic Skills (English B2)	3	I

## SECOND YEAR

Design of applications, services and systems	9	I
Choice among (24 cfu):		
Bioinformatics	6	I
Language processing technologies	6	I
Human-centered robotics	6	I
Multivariable and non-linear control	6	I
Data analysis	6	II
Internships and tutoring	9	II
Final Examination	18	





## COMPUTER AND AUTOMATION ENGINEERING

### CURRICULUM ROBOTICS AND AUTOMATION

FIRST YEAR	CFU	TERM
Discrete event systems	9	I
Complex dynamic systems	6	I
Human-centered robotics	6	I
Machine learning	6	I
Artificial Intelligence	9	II
Mathematical methods for engineering	6	II
Network optimization	6	II
Sensors and microsystems	6	II
Linguistic Skills (English B2)	3	I

### SECOND YEAR

Multivariable, non-linear and robust control	9	I
System identification and data analysis	9	II
Choice among (18 cfu):		
Design of applications, services and systems	9	I
High performance computer architecture	9	I
Bioinformatics	6	I
Language processing technologies	6	I
Advanced database systems	6	II
Models and languages for bioinformatics	6	II
Internships and tutoring	9	II
Final examination	18	

## ELECTRONICS AND COMMUNICATIONS ENGINEERING

FIRST YEAR	CFU	TERM
Advanced digital image processing	9	I
Analog circuit design	6	I
Microwave engineering	9	I
Networking	6	I
Reliability and design for safety	6	II
Mathematical methods for engineering	6	II
Statistical signal processing	6	II
Antennas and propagation	9	II
Linguistic Skills (English B2)	3	I

### SECOND YEAR

Digital communication	9	I
Information theory	6	I
Choice among (18 cfu):		
Design of application and services	6	I
Sistema elettrico e mercato dell'energia	6	I
Industrial measurements and digital embedded electronics	6	I
RFID technologies	6	I
Communication technologies for energy	6	II
Mobile communications and security	6	II
Multimedia forensics laboratory	6	II
Sensors and microsystems	6	II
Traineeship	9	II
Final Examination	18	





## ■ ENROLMENT OVERVIEW

Pre-enrolment: open for non-EU international students. The calendar for the procedure of enrolment to the Italian Universities is available online (the webpage of the Ministry is in Italian language). [www.studiare-in-italia.it/studenti stranieri](http://www.studiare-in-italia.it/studenti stranieri)

## ■ DEADLINES FOR PRE-ENROLMENT AND TEST DATES

### • First, second and single cycle degree courses

Deadline: end of June. By this date non-EU nationality students resident outside the EU should go to an Italian Embassy or Consulate in their country of origin to prepare the necessary documents.

### • Second cycle degree courses

Candidates wishing to enrol on a Laurea Magistrale degree course (Second Cycle) must have a three year/first cycle degree at the time of pre-enrolment at the University of Siena. Candidates are strongly advised to present the relevant documents for this evaluation before proceeding with pre-enrolment. International students wishing to enrol on a second cycle degree programme, taught in Italian or English at the University of Siena, must submit their application by using the online form: [enrolment.diism.unisi.it](http://enrolment.diism.unisi.it)

An Enrolment Committee will assess your competencies and skills against the requirements of the chosen programme. The Enrolment Committee will evaluate the applications periodically: you will be notified about acceptance within two months from your application.

## ■ ITALIAN LANGUAGE TEST

Early September: date for Italian language test (the test is compulsory for non-European Union citizens residents abroad, for all University courses. Students do not have to take this test if they have a certified knowledge of the Italian language or they are applying for a course taught in English).



## ■ FEES & SUPPORT

### • Fees

Tuition fees are up to 2,500.00 Euros per year, according to the different fields of study (please note that the second instalment is based on the family income). Fees are payable in three instalments: the first one upon completion of the enrolment procedure, the second one in January and the third one usually in late May. In order to obtain a reduction of the fees, students must produce an official statement of the family unit economic status regarding the previous year issued by the home country tax office, legally translated into Italian and validated by the Italian Embassy/Consulate. The University of Siena issues provisions for the calculation of student fees on an annual basis. From the academic year 2015/2016 new regulations will be applied to all first second and single long cycle students, independently of the year they are enrolled on.

The annual fee is divided into three instalments, as follows: - 1st instalment, fixed rate based on the type of degree course (humanities, science, EU regulated). - 2nd instalment: calculated based on income. - 3rd instalment: calculated based on merit.

The fee can also vary in the presence of any applicable benefits or exemptions.

### • Scholarships

Students enrolling at the University of Siena can apply for a DSU (Regional Body for the Right of University Studies) scholarship. The application is open until September/October of each year. Scholarship assignees will receive a sum of money (covering University fees) and have free access to University canteens and free accommodation at halls of residence, if admitted. Should such accommodation not be available, assignees will be given a rent contribution, if requested. The notice and the online application form at this link: [www.dsu.toscana.it/servizi/benefici-agli-studenti](http://www.dsu.toscana.it/servizi/benefici-agli-studenti)





## ■ ACCOMMODATION & STUDENTS' FACILITIES

### • Libraries & resources

The University Library System is devoted to the conservation, development, management and use of bibliographic resources (printed and electronic and the establishment of adequate services for access to bibliographic information and documents.

It is part of a wider system connecting all the City Public Libraries.

36 computer labs (570 places)

WiFi access in every building

### • CLA - University Language Centre

The University Language Centre (Centro Linguistico di Ateneo - CLA) is responsible for the teaching of foreign languages to University students and staff, and prepares students for international language certificates (PET, BEC, FCE, CAE, CPE, TOEFL, DELF, DALF, etc.)

The University of Siena also has a specific cooperation agreement with the University for Foreigners of Siena (Università per Stranieri di Siena) concerning intensive Italian language courses (held in two sessions at the beginning of each semester) for International Mobility Programme students with an insufficient knowledge of Italian. [www.cla.unisi.it/en](http://www.cla.unisi.it/en)

### • Accommodation

The University of Siena has no student residences as such, but can use places in the dormitories owned by the DSU (Regional Office for the Right to Higher Education.) There are 11 University Residences in Siena, some in the Center of the Town, some close to the City walls and well connected to the city and the Departments sites, all provided with free wi-fi web connection. Each Academic Year the DSU publishes an Announcement for

the granting of scholarships and places in accommodation, which is available at the following webpage: [www.dsu.toscana.it/servizi/benefici-agli-studenti/borsa-di-studio-e-posto-alloggio](http://www.dsu.toscana.it/servizi/benefici-agli-studenti/borsa-di-studio-e-posto-alloggio)

More info on DSU scholarship and services at: [www.dsu.toscana.it](http://www.dsu.toscana.it)

### • Restaurants

The University canteens are run by the DSU-Toscana which offers students low cost full meals (from 2.80 to 4.00 Euros) with varied menus.

In order to access the University canteens students need a smart card, which is issued upon enrolment. For exchange students the card is issued by the International Relations Office upon registration at the University.

[en.unisi.it/international/](http://en.unisi.it/international/)

[general-information-students/university-canteens](http://general-information-students/university-canteens)

### • CUS - Sports centre

In collaboration with the Regional Authority for Higher Education Grants (Azienda Regionale per il Diritto allo Studio Universitario - ARDSU)

and Siena University Sports Centre (CUS), the

University promotes sports for students by offering courses for free or at reduced rates in: basketball, football, volleyball, rugby, judo, weight training, fencing and tennis. Competitive sporting events recognized by the respective national federations are also organized.

To participate in these events, students must carry a DSU-Toscana/CUS membership card. Erasmus and other international exchange students can request their card from the International Relations Office.

[en.unisi.it/international/general-information-students/sport](http://en.unisi.it/international/general-information-students/sport)





[www.unisi.it](http://www.unisi.it)



## CONTACTS

International exchange students  
[incoming@unisi.it](mailto:incoming@unisi.it)

Prospective and enrolled International students  
[internationalplace@unisi.it](mailto:internationalplace@unisi.it)

## PLANNING YOUR DEGREE

[en.unisi.it/planning-your-degree](http://en.unisi.it/planning-your-degree)  
[en.unisi.it](http://en.unisi.it)



USiena - International Office  
International Place Università di Siena

