

## GENERAL DESCRIPTION

The University of Limoges offers a University Diploma in Business Management to students interested in general management in an international context. The aim is to develop students' core competences in the context of cross-cultural mixing.

This Diploma is a leading program in France in the way that it allows students to access to courses exclusively in English. Courses will give an overview of key issues in Business Management, such as Marketing, Accounting or International Business.

This diploma is a one-semester exchange program between up to 12 French students and 12 students from foreign partner universities. All courses are taught by professors of the University of Limoges and partner Universities from mid-September to mid-December.

## INNOVATIVE ASPECTS

### Exclusively English-taught courses

Non English-speaking students will be given the opportunity to develop their skills in the international business language and English-speaking students will be able to study abroad in favorable conditions.

### Graduating students with a double degree

Students will be offered the possibility to graduate with a Bachelor of the University of Limoges as well as credits from partner universities. Furthermore, a direct entry to the Master degree at the Institut d'Administration des Entreprises (Institute of Business Management) of Limoges is guaranteed to the graduated students.

### Providing students with an international experience

International experience will enable students to develop awareness of new cultures, considered today as a differentiation-inducing factor on CVs.

## CONDITIONS OF ADMISSION

This diploma is open to 24 candidates: 12 from French universities and 12 from foreign partner universities. The applicants must have completed a two-year university degree (equivalent to 120 ECTS for European students).

The admission is subject to a collaborative selective process between the University of Limoges and its foreign partners. The main criteria will be based on academic results and the synergy with the candidates' personal and professional project.

## PROGRAM DETAILS

The diploma in Business Management is made up of seven 20-hour core unit courses. These courses aim at giving the students an overview of management in the corporate context.

### Organizations and Management

This unit offers an overview of management approaches and allows students to apply theoretical concepts and models to business problems. It examines various key management theories in business strategy, leadership, human resources and corporate social responsibility.

### Marketing

This unit gives a general perspective of the development of competitive marketing strategies, from marketing planning and marketing research to applied marketing, including aspects of product design, pricing, placing and promoting products.

### International Business

This unit aims at exposing students to the international business environment to acquire skills in making effective decisions. Issues such as socio-cultural differences or different entry modes will be introduced.

### European economics

The aim of this course is to give students an understanding of the main European economic issues in their political, institutional and financial context. An emphasis on monetary integration, internal market or competition policy will be placed on.

### International Accounting Systems

This subject provides an insight into both the Anglo-Saxon and continental accounting systems. Students will face analytical approaches to help them better understand the differences between the two models.

### European culture

The objective of this unit is to help students discover Europe and give them an overall view of its political, geographical and cultural particularities. This course will adopt a practical approach in using different media such as television, press or the Internet. Visits of local innovative companies will also be scheduled.

### Team project

The idea is to mix students from different origins and make them work together in groups of four. The aim is to analyze the viability of their own company concept. Students will have to apply interdisciplinary skills such as marketing or accounting and test their competences in cross-cultural team management.

**INTERNATIONAL OFFICE - IUT DU LIMOUSIN**

Tel : +33 555 434 443 - Email : [iut-ri@unilim.fr](mailto:iut-ri@unilim.fr)

**Bruno MAZIERES** - *Head of diploma*

Tel : +33 609 485 187 - Email : [bruno.mazieres@unilim.fr](mailto:bruno.mazieres@unilim.fr)



## Teaching staff:

The teachers in this programme are all members of staff at the University of Limoges, from the Faculty of Arts (FLSH), the Law School (FDSE), or from the Art School (ENSA), and they are all specialists in their own fields. Courses take place at the Faculty of Arts.

Address : Faculté des Lettres et Sciences Humaines  
- 39E Rue Camille-Guérin, F-87036 LIMOGES Cedex



**Université  
de Limoges**

**FACULTÉ  
DES LETTRES  
ET DES SCIENCES  
HUMAINES**

For further information, contact:

- Nathalie Bernardie-Tahir  
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- Catherine Plankeele  
email : [catherine.plankeele@unilim.fr](mailto:catherine.plankeele@unilim.fr)

# DU European Studies





## "European Studies" Undergraduate Programme

### The programme:

"European Studies" is an interdisciplinary programme taught in English and focusing on European culture, history, institutions, economy and society. It includes classwork but also workshops and field trips in the Limousin region.

It is open to:

- all undergraduate students of the Faculty of Arts of the University of Limoges who are in their 2nd or 3rd year
- international students spending one or two semesters at the University of Limoges. There are no extra fees for these courses.

All students, whether from Limoges or exchange students, have two options:

- **either** follow the whole programme: two 24-hour modules every semester for 2 years or, for the international students spending only one year in Limoges, four 24-hour modules every semester.

Students who follow the whole programme and are successful in their exams will then be awarded a diploma in European Studies (D.U. "European Studies"), worth 32 ECTS for international students.

- **or** choose some of the modules, or parts of the modules:
  - o students from Limoges will have to check if the modules are part of the list of optional courses – OSMP – offered by their department
  - o exchange students can choose whatever courses they wish

## "European Studies" Undergraduate Programme

### Courses:

#### Fall Semesters

#### Second year/First semester

##### Module 1: Interdisciplinary Approaches to Europe (48h)

1. European Economic and Judicial Perspectives (24h) 4ECTS
2. European Nature and Landscapes (24h) 4ECTS

#### Third year/First semester

##### Module 3: European Cultural Heritage (48h)

1. European Scientific and Historical Heritage (24h) 4ECTS
2. European Literature and Cinema (24h) 4ECTS

#### Spring Semesters

#### Second year/Second semester

##### Module 2: Visions of Europe (48h)

1. The Idea of Europe (24h) 4ECTS
2. Migrants and Minorities in Europe (24h) 4ECTS

#### Third year/Second semester

##### Module 4: Reading Europe Today (48h)

1. European Media (24h) 4ECTS
2. European Modern Cultures (24h) 4ECTS

This master's degree in Applied Mathematics prepares students for a career as an Engineer or a Researcher in the rapidly expanding field of Scientific Computing. Cutting edge companies and research laboratories are in need of specialists able to develop and apply innovative mathematical methods to solve increasingly complex problems. ACSYON's two year graduate program responds to this challenge.

ACSYON focuses on applications of Mathematics where the University of Limoges has a leading expertise and strong research track records: optimization, symbolic-numeric computation, curves and surfaces for Computer Aided Design, mathematical methods for control theory and electromagnetism.

Our graduates can practice their skills and know-how in industries such as aeronautics, automotive industry, telecommunication industry, robotics, chemical processes, medical and radar visualization, high technology consulting firms.

Most instructors are researchers at XLIM ([www.xlim.fr](http://www.xlim.fr)), a joint laboratory of the University of Limoges and the French National Center for Scientific Research (CNRS). XLIM gathers 350 researchers in mathematics, computer science, electronics, optics and telecommunications.

Additional presentations will be delivered by external experts from major industrial players. Together with a four month industrial placement in a company or a research project in a laboratory, this guarantees the matching of the training with the expectations of the "real world". Emphasis will be put on individual and group projects so as to develop students autonomy and organization capabilities.

For each course completed, students will obtain a number of European Credit (ECTS) at the "M" level of the LMD European higher education system, valid throughout the E.U. The full ACSYON curriculum corresponds to 120 ECTS.

ACSYON is certified and supported by the French Ministry of Research and Higher Education. Tuition fees are low compared to similar master courses abroad (less than 600 € a year, including healthcare). Limoges is a mid-size French town with an excellent quality of life, moderate living cost and a population of 15000 students. Inexpensive student accommodation is available (150 €/month for a room, about 300 €/month for a studio) and a financial aid program for foreign student is under construction.

**Doctoral program:** Successful students may pursue a PhD at XLIM. Three year PhD grants from the French Ministry of Higher Education or the Région Limousin may be obtained by the best candidates. Financial support from industry is also possible through XLIM research contracts with private companies.

## ● Admission requirements

### MASTER first year

- The candidates must have previously completed an undergraduate "Licence" level diploma (European LMD system), or an equivalent degree such as a Bachelor's degree in Science (BSc) or in Engineering (BEng) that includes courses in pure and applied mathematics.

### MASTER second year

- Students who have acquired 60 ECTS at "M" level of the European system LMD (or equivalent) and can demonstrate skills and knowledge equivalent to the first year of ACSYON may directly join the second year. Applications must include a résumé, academic transcripts from the most recently completed semester or year, test scores, recommendation letters, a motivational essay, and any other supporting material. Applications must be sent to :

#### Master ACSYON

Bureau des Masters, Scolarité  
123 Avenue Albert THOMAS  
87 060 Limoges Cedex  
France  
Phone : + 33 5 55 45 74 02  
Fax : + 33 5 55 45 72 01

## ● Contact

Faculté des sciences et techniques  
Secrétariat : + 33 5 55 45 73 23  
[mastermath@unilim.fr](mailto:mastermath@unilim.fr)

**First year course director: Jacques-Arthur Weil**

**Assessment strategy** : based on written exams, coursework, essay and presentations. To pass the first year students must obtain an average grade of 50%. The weight of a module is equal to the number of ECTS delivered.

**Second year course director : Samir Adly**

**Assessment strategy** : based on written exams, coursework, essay and presentations.

To obtain the master's degree, an average grade of 50% is required (excluding the industrial placement mark or research project mark).

The weight of a module is equal to the number of ECTS delivered.

## First year

### Core Modules Semester 1

Title	ECTS
Convex Analysis and Optimization*	6
Stability of Dynamical Systems*	3
Practice of Numerical Optimization*	3
Complexity Theory*	3
Computer Programming and Algorithms*	6

### Optional Modules Semester 1 (9 ECTS amid 15)

Title	ECTS
Algebra*	6
Information Technology Security*	3
Introduction to Image Processing*	3
Introduction to Cryptography*	3

### Core Modules Semester 2

Title	ECTS
English	3
Symbolic Computation*	6
Applied Functional Analysis*	6
Hilbertian Analysis*	3
Polynomial Systems*	3
Project management and law*	3
Advanced Statistics tools*	3
Research project	3

1 ECTS = 10 hours of lectures and exercise sessions

## Second year

### Core Modules Semester 3

Title	ECTS
Company organization	3
English	3
Computer Project	3
Numerical Optimization	3
Combinatorial Optimization *	3
Shape Optimization and Applications	3
Symbolic-Numeric Computation	3
Curves and Surfaces for CAD**	3
Non-smooth Dynamics	3
Industrial Conferences	3

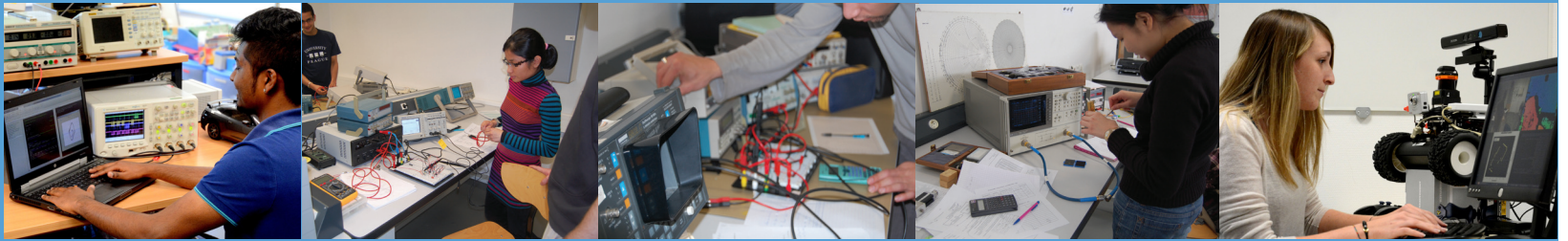
### Core Modules Semester 4

Title	ECTS
Industrial placement in a company or research project in a laboratory.	30

\* Module shared with the master SIC

\*\* Module shared with the master ISICG





# INTERNATIONAL SEMESTER

Electrical and control Engineering at the University of Limoges, FRANCE

Through many hours of practical laboratory, you will gain an industrial oriented experience together with strong theoretical bases in the domain of Electrical and Control Engineering. The instructors are all researchers at XLIM CNRS laboratory of the most prestigious research laboratories in France.

The objective of semester is to give to the participants, theoretical bases in several domains of electrical engineering. The courses are illustrated by practical laboratories with the state-of-the-art software and equipment.

## TRAINING INSTITUTION

ENSIL (National higher Engineering School)  
The Faculty of science and Technology

## RESEARCH LABORATORY

XLIM (internationally recognized for advanced telecommunication system, circuit and device)



## OPENING DOORS TO THE WORLD...

It is indispensable today for students to be open to other cultures, other ways of living and working.

## LIMOGES

Nearly in the center of France, 160 000 inhabitants

**By plane :** one hour from Paris, one hour and a half from London

**By train or by car 3 hours from :** Paris, Toulouse, Bordeaux, Atlantic ocean...





## MORE ABOUT THE INTERNATIONAL SEMESTER ...

**WHO IS CONCERNED?** International students on their various curricula part of European (ERASMUS) and international exchange programs.

**WHEN DOES THE PROGRAM TAKE PLACE?** Spring semester, 1st February-31st May (15 weeks of classes)

**ENGLISH IS THE COMMON LANGUAGE USED IN EVERY COURSE**

## THREE MAIN PURPOSES DEFINE THE PROGRAM CONTENT (30 ECTS)

- Acquire and develop key skills and knowledge in the field of Electrical and Control Engineering
- Acquire a practical experience under the supervision of high qualified technical personnel
- Live an international experience with learning French language through intensive courses

## COURSE DETAILS

General Topics	Initiation to French language and discovery of French culture Industrial ecology Project Management/Test plan management Computer programming (matlab-labview)	6 ECTS
Signal, system and circuit	Analog Electronics Digital communication Digital circuit design Antenna from theory to practical design Digital signal processing Networks	12 ECTS
Control system and Vision	Control system Robotics Computer vision and image processing	6 ECTS
Technical project		6 ECTS

## INTERNATIONAL STUDENT OFFICE

Supports international students with : accomodation, administrative formalities (opening a bank account...), transports, health insurance plans, discovering Limoges and its region, etc

**Email :** [accueil.international@unilim.fr](mailto:accueil.international@unilim.fr)

**Web :** [www.unilim.fr/international](http://www.unilim.fr/international)

TO GET MORE INFORMATION  
[www.ensil.unilim.fr](http://www.ensil.unilim.fr)  
[www.unilim.fr](http://www.unilim.fr)

### CONTACT

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87068 Limoges cedex, France



Université  
de Limoges



ÉCOLE NATIONALE  
SUPÉRIEURE  
D'INGÉNIEURS  
DE LIMOGES





# INTERNATIONAL SEMESTER

**MATERIALS AND SURFACE TREATMENTS ENGINEERING** *at the University of Limoges, FRANCE*



Through exclusive training in Surface Coating and Treatments, you will master conventional and innovative processes so that you may adapt the properties of the surface of materials and parts optimally to their utilization, while respecting the environment.

**Desired skills:** Strategic industrial sectors such as automobile, aeronautics and aerospace, electronics, medical, energy, metallurgy and surface treatment or the environment.

This international semester takes place in Ester Technopole, a unique place in Europe for ceramic materials.

## TRAINING INSTITUTIONS

- ENSIL (National Higher Engineering College)
- The Faculty of Sciences and Technologies

## RESEARCH LABORATORY

**SPCTS** (Sciences of Ceramics and Surface Treatments Processes), laboratory internationally recognized for Ceramics and Surface Treatments Processes

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**ENGLISH IS THE COMMON LANGUAGE USED IN EVERY COURSE**

### THREE MAIN PURPOSES DEFINE THE PROGRAM CONTENT (30 ECTS)

- Acquire and develop key skills and knowledge in the field of Materials and Surface Treatments
- Acquire a practical experience regarding high-tech deposition processes and characterization methods thanks to practical works and a personal technical project suggested by industrial partners and then refined with the teaching team
- Live an international experience, French language and culture class

# TRAINING DETAILS

20h a week + technical project

ECTS

GENERAL TOPICS	Initiation to French language and discovery of French culture Surface engineering and applications: overview Industrial ecology Metallurgy and corrosion Project Management/Test plan management		6				
	SURFACE TREATMENT	Wet surface treatments		Introduction Surface preparation Anodizing Electroplating, Electroless plating Plating design regarding product functionalities	2,5		
		Dry surface treatments		Physical Vapour Deposition (PVD) Chemical Vapour Deposition (CVD/PECVD) Thermal spraying		3,5	
		Special process management					
		Practical work					3
Lectures by professionals and visits of surface treatment plants							
COATING PROPERTIES AND CHARACTERIZATION	Film properties		Thermal properties Mechanical properties Optoelectronic properties		2,5		
	Surface, microstructural and chemical characterization		Electron Microscopy Diffraction Vibrational spectroscopy Surface characterization	3,5			
	Practical work		3				
TECHNICAL PROJECT					6		

## INTERNATIONAL STUDENTS OFFICE

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Web: [www.unilim.fr](http://www.unilim.fr) >> International Student

TO GET MORE INFORMATION

[www.ensil.unilim.fr](http://www.ensil.unilim.fr)  
[www.unilim.fr](http://www.unilim.fr)

CONTACT

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Christelle Dublanche-Tixier: +33 555 423 664 / [tixier@ensil.unilim.fr](mailto:tixier@ensil.unilim.fr)

# Master<sup>+</sup> in Banking and Finance

60 ECTS Credits / 2 Semesters

## Presentation

The Master<sup>+</sup> program in Banking and Finance is a unique opportunity to follow a standard Master program combined with a specific training delivered by a well-established research center dedicated to banking studies.

Teaching staff are active scholars in Banking or financial risk practitioners. The program also hosts international visiting professors who are leading experts in their field.

The Master is a one-year program fully taught in English. Applicants must provide satisfactory evidence that they have an adequate knowledge and understanding of written and spoken English.

## Entry requirements

We welcome applications from good graduates in relevant disciplines (Economics, Business Administration).

Applicants with a different academic background (Engineering, Mathematics...) will be required to provide additional material regarding their background.

## Funding opportunities

The University of Limoges provides financial support for a limited number of students with outstanding records. The number (1 to 4) and the amount (2500 euros to 5000 euros per academic year) of scholarships vary from year to year.

## Where to send the information

The duly accomplished application package must be submitted by email ([lape-masterbankingfinance@unilim.fr](mailto:lape-masterbankingfinance@unilim.fr)) as an attachment with Master<sup>+</sup> in Banking and Finance as the subject heading.

Applicants from a country using the CEF procedure (<http://www.campusfrance.org/en/page/a-country-using-cef-procedure>) need to send the application form directly but also to apply through the French embassy (campus France office) by mentioning that this is a totally English taught program (French test not required).

## Location:

Faculté de Droit et des Sciences  
Economiques  
Site Forum  
5 rue Félix Eboué  
Limoges

## Academic director:

Pr. Amine TARAZI

## Website:

<http://www.fdse.unilim.fr/m2bf>





# Master <sup>+</sup> in Banking and Finance

## Programme structure

### *Compulsory courses*

- Financial Economics
- Bank Risk and Regulation
- Bank Structure and Competition
- Banking and Credit Risk
- Banking and Market Risk
- Econometrics of Banking and Finance 1
- Econometrics of Banking and Finance 2

### *Optional courses (2 out of 3)*

- Portfolio Management
- Quantitative Finance
- Derivatives

### *Compulsory Dissertation (15000 words in journal article format)*

### *Compulsory Research Training Program in Banking and Finance (Intermediary module)*

Students will also follow the Intermediary module of the Research Training Program in Banking and Finance delivered by LAPE research center with the aim of acquiring state of the art skills to conduct an empirical research in that area (Training on Writing Research Papers, Handling Datasets and Softwares, Research Seminar Series,.....). Separate fees will be charged for this program.

## Application package

Candidates should submit the following:

1) Application Form; 2) Detailed CV; 3) Support letter(s); 4) Transcript of records; 5) English Certificate (TOEFL, IELTS...)