

# Offer of selected study programs for foreign students

Geomatics and territorial planning

Electronics, Electrical Engineering and Applied Physics

Mechanical and materials engineering

Computer science

Marine science and technology

Economic and accounting techniques

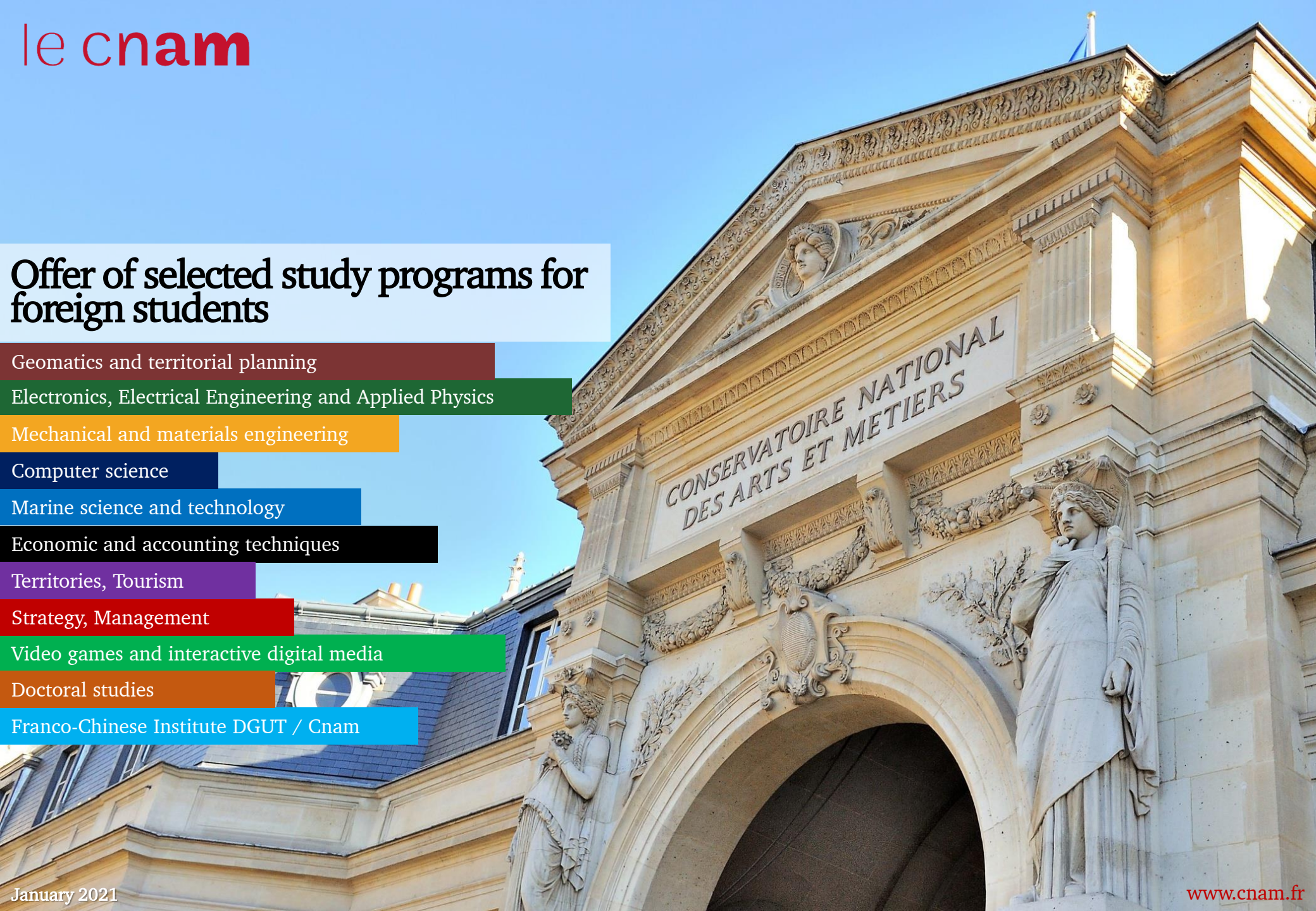
Territories, Tourism

Strategy, Management

Video games and interactive digital media

Doctoral studies

Franco-Chinese Institute DGUT / Cnam





# Programs and services dedicated to international students

International opening of the Cnam's programs in France is an essential part of its development.

In this respect, a selection of study programs is designed for the best foreign students, whether it is a Licence (License), Bachelor, Master, Mastère Spécialisé (Specialized Master), Doctorate, Engineer, institution's diploma, DGC (Diploma of Management control and accounting), DSGC (Advanced diploma of Management control and accounting), or MBA.

Many of these programs are taught in English.

A welcome service dedicated to foreign students:

- A team of international advisors (Welcome Desk Staff)
- A personalized student coaching coordinated by the Department of European & International Development (DDEI)
- A specific welcome event for each international program
- Evenings and outings organized with the associations of Cnam and HESAM alumni and student associations to facilitate intercultural exchanges.
- A mentoring program set up in collaboration with the Communication en Langues Étrangères (CLE) department for a better integration into social life in France.
- A housing offer in partnership with the CROUS of Paris.



# Geomatics and territorial planning

The Cnam offers study programs in the fields of topography, measurement, 3D modeling, land, land development and real estate through the Ecole supérieure d'ingénieurs géomètres et topographes (ESGT). Associated with the Polytech network, the ESGT deliver titles of Engineer accredited by the Commission des Titres d'Ingénieur (CTI).

The main career path for ESGT's graduates is the profession of expert surveyor. The courses take place in Le Mans, 1 hour by TGV from Paris, on a university campus. ESGT's international outlook is reflected in the mandatory mobility of its students and the fact that it welcomes approximately 20% of international students (2020/2021).

**Degrees/Diplomas delivered:** The ESGT provides study programs from Bac+3 level to Bac+5 level: Title of Engineer, Master's degree and professional Bachelor's degree. These are traditional university study programs (formation initiale) providing student status (face-to-face and full-time courses).

**How to apply:** Admissions are open for candidates having from bac to bac+3 level, depending on the level of study program they wish to apply for. Selection is made based on examination result or the quality of the application file.



# Geomatics and territorial planning

## ■ Title of Engineer Surveyor and Topographer

This program enables graduates

- to master the measurement of the shape and relief of territories, the delimitation of the property, their development and land expertise;
- to be guarantor and expert of a sustainable living environment.

## ■ Master in geography, planning, environment and development - Land management track

The aim of this Master's degree is to provide students with in- depth training in law, development and urban planning, while providing them with a solid education in scientific fields (topography, lasergrammetry, photogrammetry, geodesy, etc.) so that they can subsequently adapt to the various professionals they meet (lawyers, urban planners, surveyors, design offices, local authorities, etc.) as well as keep up with technical and technological evolutions.

More information on: [https:// www.esgt.cnam.fr/](https://www.esgt.cnam.fr/)

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# Electronics, Electrical Engineering and Applied Physics

Department of Electronics, Electrical Engineering and Applied Physics (EEAP) of the Cnam offers study programs in the fields of electronics, electrical engineering, automation, measurement, radiation protection and physics. It relies on a team composed of lecturers-researchers and administrative and technical staff with great expertise.

EEAP has four associated research laboratories, and a strong anchoring with industry and its needs, which allow us to have a vision focus on the industry of the future and new technologies.

A Master's degree program is specially designed for international students with courses taught in English, full-time and in daytime classes

## Degrees/Diplomas delivered:

Our study programs meets the needs of the industrial world and the technological challenges of tomorrow with nearly 70 degrees/diplomas and certifications, accredited by the Commission des titres d'ingénieurs (CTI), or recognized by the label Conférence des grandes écoles.

## How to apply:

Admission depends on the type of study program candidate wishes to apply for.

Selection is based on candidate's application and interview.

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Electronics, Electrical Engineering and Applied Physics



*Training programs to develop and  
master new technologies*

## Master in Telecommunications and Networks

This Master's degree, taught in English, is open to students from CNAM's foreign partner universities or to foreign students applying via Campus France who have obtained their engineering degree and wish to acquire additional international experience and/ or a double degree.

## Master 2 Communicating systems in complex environments

This Master's degree, taught in French and English, co-accredited by Cnam and Gustave Eiffel University, is open to students of the 1st year Masters and/ or EEA Masters, applied physics, fundamental physics with a specialization in electronics and to graduates of the Engineering School wishing to follow a specialization in research.

More information on: <https://eeap.cnam.fr/>

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# Mechanical and materials engineering

The Cnam offers study programs in the fields of structural mechanics, mechanical manufacturing, acoustics, aerodynamics oriented towards aeronautics, metallic and ceramic materials, polymer and composite materials, and hearing aids.

Several study modes are proposed according to personal and professional projects and availability: evening courses, day courses, sandwich courses, open distance learning, hybrid training or customized training.

A Master's degree program is specially designed for international students with all courses taught in English, full-time and daytime mode.

**Degrees/Diplomas delivered:** The offer of study programs is available at all levels: DEUST, certificates, diplomas of establishment level III, state diploma of audioprosthetist, general licenses, professional licenses, title RNCP level II, titles of Engineer, Masters and several specialties of Doctorate.

**How to apply:** Admission depends on the type of study program candidate wishes to apply for. Selection is based on candidate's application and interview.

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Ingénierie mécanique et matériaux



*Donner à chacun les  
moyens de réussir.*

## ■ Master Mechanics – Structural Mechanics and Coupled Systems track

This Master program allows graduates to be

- capable of managing an international industrial project
- capable of dimensioning a complex mechanical system



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The Cnam offers study programs in the fields of information and communication technologies such as computer networks, IoT applications, artificial intelligence, embedded systems, information systems, programming, cyber security.

Several training modes are proposed according to personal and professional projects and availability: day courses, evening courses, open distance learning, hybrid training or customized training, sandwich courses.

An international Master program entirely taught in English covers advanced topics in computer communications and applications.

**Degrees/Diplomas delivered:** The courses are adapted to student's professional projects and allow her or him to obtain a degree/diploma at Bac+2, Bac+3, Bac+4 or Bac+5 level such as: Title of Engineer in computer science with 4 specialties (3 years), Master's degree in computer science with 5 specialties, including one in English (2 years), DUT in computer science outside working hours (HTT) and sandwich mode, specialized Masters (1 year), Bachelor's degree in computer science in HTT and sandwich mode as well as a large number of professional certificates including RNCP II.

**How to apply:** Admission depends on the type of study program candidate wishes to apply for. Selection is based on candidate's application and interview.

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Informatique



*Donner à chacun les  
moyens de réussir.*

## International Master in Computer Networks & IoT Systems

This program enables graduates

- to master novel communications and computing technologies related to Internet and IoT applications
- to be expert on technologies to leverage on artificial intelligence for network automation.

More information on: <https://master.roc.cnam.fr/>



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# Marine science and technology

Study programs in the field of marine science and technology are provided at the National Institute of Marine Science and Technology (Intechmer). This institute of the Cnam trains professionals directly operational on the labor market. It is one of the few French institutions which offer multidisciplinary and professional training courses right after the baccalaureate studies.

These programs are recognized by professional organizations such as Ifremer, Comex, CNRS, Boskalis, Fugro, Fermentalg, IRD, SHOM, MNHN, the major French aquariums... The courses are taught in French, except for the Bachelor's degree in prospector oceanographer where one year is carried out in Belgium and taught in English.

These university study program (formation initiale) are delivered on site, full time, in Cherbourg-en-Cotentin in Normandy.

**Degrees/Diplomas delivered:** Intechmer offers three University diplomas (equivalent to level 6 - Bac+3) focused on the production and development of marine resources, the monitoring and protection of the marine environment, and the exploration and rational exploitation of the marine domain/hydrography.

**How to apply:** Admissions are open to candidates holders of a scientific baccalaureate.

Application period starts from January to March on the Parcoursup portal.

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Institut national des sciences et techniques de la mer



# Marine science and technology

## **Diploma of the Institute: Technical Manager Production and development of marine resources**

This program offers the possibility to be quickly operational in the fields of production and development of the ocean's biological resources: fisheries, animal and plant aquaculture, aquariology, processing and development of sea products, marine biotechnology.

## **Diploma of the Institute: Technical Manager Marine Environmental Engineering**

This multidisciplinary program prepares technical managers in the fields of control and protection of the marine environment: water quality control, studies of the impact of human activities on the marine environment, coastal protection and development, preservation of marine ecosystems, pollution control.

## **Diploma of the Institute: Bachelor Oceanographer - prospector**

This program trains technical managers in various applied oceanographic fields: marine renewable energy, underwater work, research, exploration and exploitation of marine mineral resources, development of new measurement techniques, management of oceanographic data.

More information on: [https:// www.intechmer.cnam.fr/](https://www.intechmer.cnam.fr/)



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# Economic and accounting techniques

The Cnam offers study programs in the field of economics and accounting through its INTEC (Institut National des Techniques Economiques et Comptables).

Founded in 1931, it prepares students for diplomas leading to finance and accounting professions.

**Degrees/Diplomas delivered:** The diplomas you can prepare at INTEC are the DGC (Diploma of Management control and Accounting, BAC + 3) and the DSGC (Advanced Diploma of Management control and Accounting, BAC + 5).

The courses are taught in French.

**How to apply:** Foreign students who wish to continue their studies in France must pre-register between March and May of the year preceding the year in which their studies begin (INTEC website: [intec.cnam.fr](http://intec.cnam.fr)).

After getting their pre-registration, they must apply for a "student" visa. When arrive to France, they must be present at INTEC welcome desk to register to DGC or DSGC programs (courses run during the day) or to follow reinforced courses (20 hours per week minimum).

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Intec

Institut national des techniques économiques et comptables



*Premier institut francophone  
aux métiers de la comptabilité,  
du contrôle et de l'audit*

# Economic and accounting techniques

## **Diploma of Management control and Accounting (DGC)**

This diploma allows graduates to work at a middle management level in a company or firm or to pursue more advanced studies (in particular towards the DSCG / DSGC).

## **Advanced Diploma of Management control and Accounting (DSGC)**

The DSGC provides in-depth knowledge that prepares students for careers in accounting, management control, auditing and finance.

More information on: [https:// intec.cnam.fr/](https://intec.cnam.fr/)



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# Territories, Tourism

The Cnam offers study programs in several fields and themes such as: Territorial planning and development, Tourism and leisure, Transport and logistics, Entrepreneurship and proximity economy, Social and solidarity economy.

Several study modes are proposed to active people (working people, people in professional reconversion, people looking for a job, students or retired people).

**Degrees/diplomas delivered:** Degree or Diploma programs range from baccalaureate level to baccalaureate+8.

Depending on the level of the program, students after graduation may work for strategy development and implementation (Bac +5), middle management (Bac +3/4), or implementation or assistance in the implementation of projects in the field (Bac +2/3).

**How to apply:** Admission depends on the type of study program candidate wishes to apply for.  
Selection is based on candidate's application and interview.

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Territoires



*Penser les territoires autrement.  
Former des **professionnels**.*

## ■ Certificate of specialization (CS) : "Global hospitality and tourism management"

The certificate responds to a demand for knowledge and skills in analyzing the economic, social, political and environmental issues involved in developing the activities of a particularly globalized sector, while providing the common core of business skills of an international manager.



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# Strategy, Management

The Cnam provides study programs in the areas related to corporate strategy: management, organization, marketing and digital marketing, sustainable development and environment, e-Business, etc. through the International Institute of Management (IIM).

The particularity of the IIM is undoubtedly its international dimension. Programs such as **Masters in Management** or the **Executive MBA** welcome students from all over the world.

The IIM offers courses developed in close collaboration with companies and professional organizations in order to provide the optimum answer to their needs and to those of their employees.

As off October 2021, the Master in Management programs will be accessible in an **apprenticeship** mode. Non European will be entitled to complete the program via apprenticeship in the second year of the Master.

**Degrees/Diplomas delivered:** The IIM provides under and post graduate courses through programs such as Bachelors, Master's degree programs, Executive MBA, DBA or Specialized Master diploma programs.

The IIM also delivers professional titles as well as three types of certificates: professional certificate, skill-based certificate and certificate of specialization.

**How to apply:** Application procedure depends on the type of study program candidate wishes to apply for. Admission is based on candidate's application and interview.

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IIM

International Institute of Management



*State-of-the-art management  
learning program meeting the  
needs of today's enterprises.*

## Executive MBA

This high-level program is open to professionals willing to move on to the next step of their career. Our Executive MBA is AMBA (Association of MBAs) accredited and 100% taught in **English**. This program is accessible in a part time mode with online and onsite classes every month or mostly online with onsite classes over 10 consecutive days each semester.

## Master in Management

Programs 100% in **English**, in 1 or 2 years for students for students willing to pursue their studies in Management at a Master level.

### 4 specializations on offer at Master 2 level :

- E- Business and Digital Marketing.
- Project Management and Business Engineering.
- International Business and Corporate Development.
- Sustainable Development and Quality Management.

**Masters in Managements are compatible with apprenticeship.**

More information on: <https://iim.cnam.fr/>



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# Video games and interactive digital media

The Cnam provides study programs in the field of interactive media through its national school of games and interactive digital media (ENJMIN).

Since the creation of the school in 2005 in Angoulême, students' projects are frequently rewarded with numerous French and international distinctions (e.g. Independent Games Festival, Ping Awards, BIC Festival, Hits Playtime, Pégases, etc.).

ENJMIN collaborates with prestigious national and international universities and research centers.

The school welcomes foreign students to its semester-long international mobility program.

**Degrees/Diplomas delivered:** The studies range from Bac+3 to Bac+5 through programs such as computer science, computer game degree in sandwich mode, Master's degree (Master JMIN), Specialized Master diploma (IDE Specialized Master), title of Engineer in interactive systems, certificate of specialization in sound design.

**How to apply:** Due to technical and artistic specificities of the programs, a special selection procedure is put in place to evaluate the knowledge and motivation of candidates in the field of games and interactive media.

Whatever your status, your university of origin, your nationality, you must follow each step of the procedure described on our website (<https://enjmin-en.cnam.fr/apply-1036414.kjsp?RH=1542117229636&RF=1542116395831>)

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Enjmin

École nationale du jeu et des médias interactifs numériques



## Master in video games and interactive media (JMIN)

This two-year program, co- accredited by the Cnam and the University of Poitiers, is designed to train high-level artists, designers and researchers in the fields of games and interactive digital media. Six tracks to choose are: Game Design, Programming, Graphic Design, Sound Design, Ergonomics, Project Management.

The courses of the 1st year are taught in French / 2nd year in English.

## MS (Specialized Master) Interactive Digital Experiences (IDE)

This program designed in partnership with Gobelins - l'école de l'Image and accredited by the Conférence des Grandes Écoles, is aimed at digital experts wishing to create new playful media using the principles and technologies of video games. The courses take place in Paris.

More information on : [https:// enjmin-en.cnam.fr/](https://enjmin-en.cnam.fr/)



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# Doctoral studies

Cnam organizes research and provides research training to doctoral students through its doctoral school (the ED Abbé-Grégoire) and a doctoral school in co-accreditation with the Ensam (the ED engineering sciences), both grouped in the HESAM University doctoral college.

The mission of the doctoral schools is to organize the career path of future doctoral students, from the first enrollment for a thesis to the awarding of the doctoral degree. They bring together research teams in which doctoral students will carry out their thesis work.

**Degrees/Diplomas delivered:** The Cnam provides around thirty doctoral specialties in human, social sciences, management sciences, as well as in engineering sciences.

**How to apply:** Doctoral studies require candidates to hold a national Master's degree or another Master's degree, awarded on completion of a training program or professional experience establishing their aptitude for research. In certain special cases, an exemption is possible.

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Recherche



*Innovier au service de la société, des entreprises et de leurs salarié.e.s.*

# Doctoral studies

## Doctoral studies

Each doctoral school offers a training program for doctoral students. This program includes not only scientific training related to the field of their thesis, but also topics that are part of a broader framework (for example: communicating about one's work, professional integration at the national and international level, serving society, etc.).

More information on: <https://recherche.cnam.fr/etudes-doctorales-hdr/>



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# Franco-Chinese Institute DGUT / Cnam

This institute, created by Cnam in partnership with Dongguan University of Technology (DGUT) in 2017, has the IFC (Institut Franco-Chinois) label. The Institute is located in Dongguan, the Chinese megalopolis of the Pearl River Delta located in the center of the Great Bay region of Guangzhou-Hong Kong-Macao.

**Degrees/Diplomas delivered:** The Institute provides university students (formation initiale) a four-year Bachelor's degree in "Engineering Sciences".

Courses are taught in English, French and Chinese in three streams:

- Mechanics
- Computer Science
- Telecommunication

The Institute delivers BENKE diploma of the DGUT and License diploma (Licence générale) of the Cnam.

**How to apply:** The programs are open to Chinese students admitted to the DGUT according to the score in Gaokao (National University Entrance Examination in China).

Foreign students (students of non-Chinese nationality) can be admitted on the basis of a file to be submitted to DGUT.



## Licence in Computer Science

This general program covers the main areas of computer science: development, programming, networks, multimedia, systems, machine architecture, software engineering, operational research, information systems, industrial systems.

## Licence in Mechanics

The program allows students to acquire a good level of scientific culture through cross-disciplinary teaching, as well as to develop their taste for applications related to different sectors of activity related to Mechanics.

## Licence in Electronics and Systems

This program trains intermediate technical managers (senior expert technicians) working in production units, research and development laboratories, and quality departments in companies in the industrial sector such as the automotive, aeronautics, transport, telecommunications, home automation, medical instrumentation, and the production and industrialization of electronic and automated systems.

More information on: <https://dci.cnam.fr/>

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