



High standards • Mentoring • Innovation

- Bioengineering
- Civil engineering
- Electrical engineering
- Management, logistics and transport
- Quality, industrial logistics and organization
- Information technology
- Business studies



Contact addresses



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The IUT of Cergy-Pontoise



What is an IUT ?

An IUT is an Institute of Technology attached to a University. There are 114 IUTs in France. Our IUT is part of the University of Cergy-Pontoise.

What is a DUT ?

The main degree delivered by IUTs. It is a two-year undergraduate vocational degree. It has a national curriculum. The class schedule is very busy: between 30 and 40 hours of class per week (half of these, practical work in laboratories in small groups). The curriculum includes a compulsory ten-week internship. The purpose of a DUT is to prepare technicians ready to enter the job market immediately after their studies. Most students choose to continue their studies:

- Vocational bachelor's degree (one more year at IUT)
- One more year bachelor's degree at University (then Master's degree)
- Engineering or Business Schools

The IUT of Cergy-Pontoise

9 departments

7 specialties:

- Business studies
- Civil engineering
- Electrical engineering
- Information Technology
- Bioengineering
- Quality, industrial logistics and organization
- Management, logistics and transport

4 sites, all northwest of Paris: Neuville-sur-Oise, Pontoise, Argenteuil, Sarcelles (approximately 30 minutes from Paris).

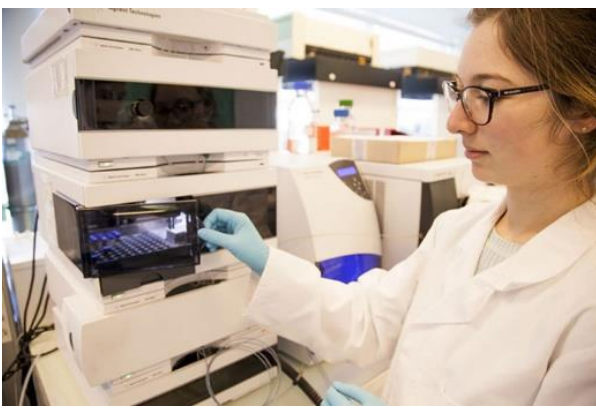
Admissions

- For non-EU members : Campus France or ADIUT (see French Embassies or Consulates)
- For EU-members : Parcoursup and eCandidat for the vocational bachelor's degree

Tuition fees (2018-2019)

Fees for DUT programs: €170

Fees for campus' life: €90



DUT in Bioengineering

Course overview

Objectives

Providing specialist training in:

- Laboratory analysis and biotechnology company testing
- Pollution management, waste processing and environmental protection

Career opportunities in these varied sectors: biomedical, pharmaceutical, cosmetics, environmental, agricultural, biotechnological...

Varied career paths: inspection and analysis, research and development, production, services, management...

Programme

The course is divided into practical work (42%), supervised work (38%) and classes (20%).

Interdisciplinary modules (280 hours):

- English
- Communication and self-expression skills
- Personal and professional project

Scientific modules (1,520 hours):

1st year: students acquire fundamental skills and begin to gain specific knowledge within their chosen course (biological and biochemical analysis or environmental engineering)

- Biology
- Animal and plant physiology
- Biochemistry
- Chemistry
- Applied mathematics
- Applied physics
- Immunology
- Microbiology

2nd year: training in specialized skills for each option (biological and biochemical analysis or environmental engineering)

Professional activities: 2 internships in a laboratory or a business, in the private or public sector, in France or abroad (1 optional 2-week placement at the end of 1st year involving job shadowing, and 1 compulsory 10-week placement at the end in 2nd year).

Tutored projects (300 hours): allows students to participate in group work and apply their knowledge in a professional environment.



DUT in Civil engineering

Course overview

Objectives

During the 2-year programme, our aim is to train intermediate level managers who will be responsible for the study and execution of construction works. Their adaptability will allow integration into each field of construction and Public Works (e.g. positions such as Construction Site Manager, Works Supervisor or Engineering Assistant at an Office of Structural Engineering and Building Inspection).

Programme

Sciences

- Mathematics
- Applied physics and structural mechanics

Sciences and technology

- Technical equipment
- Geotechnics
- Stability of reinforced concrete buildings as well as metallic and wooden structures

Technology

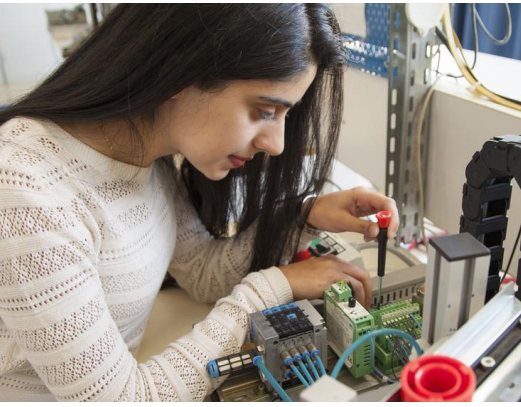
- Construction
- Technical drawings
- Organisation of construction site, materials and topography

Communication

- Applied information technology
- Language
- Personal and professional project
- Communication and self-expression skills

Professional activities

- Tutored projects
- End of course project



DUT in Electrical engineering and industrial computing

Course overview

Objectives

2 years of training in professions related to electrical engineering, electrical energy, embedded computing and networks.

Career opportunities in the following sectors:

- Aeronautics/ aerospace
- Manufacturing
- Military
- Home automation
- Transport

Programme

- 1800 hours of training: courses, practical work
- 300 hours of tutored projects
- 10 weeks of internship

Technological training

- Electronic expertise
- Electrical energy
- Automated systems and networks
- Industrial computing: programming, micro-processors, hardware and software

Technological innovation and projects

- Projects, research work and practical realizations
- Use of software tools

Scientific and linguistic fundamentals

- Mathematics
- Physics
- English (including preparation to TOEIC)
- Communication and interpersonal skills

DUT in Management, logistics and transport

Course overview

Objectives

Over the 2 years course, the aim is to train intermediate level managers in having reliable general competence and specialized skills relevant to logistics and transport.

They will have to respond to the clients' demands, communicate with suppliers and the teams under their supervision.

Programme

Communication and Business knowledge.

- Communication and self-expression skills
- English (as second language)
- Business organisation and social relations
- General economy and economic intelligence
- Human resources management and team management
- Marketing
- Information systems
- Trade negotiations
- General principles of law - Commercial law Private transport law - Labour law

Logistics and transport management

- Statistics and applied mathematics
- Quantitative techniques
- Accounting and financial management
- Logistics control management
- Logistics dashboard
- Information technology
- Regional distribution
- Transport economics
- Urban and interurban transport
- Air, rail, river, maritime, highway and intermodal traffic
- Global, organization and specific logistics
- Logistics and international trade
- Depot and platform management - Stock and supply management - Production management
- Logistics case studies
- Quality, standards, client satisfaction

Preparation for professional life

- Professional and personal project
- Tutored projects (300 hours)
- Internships: 2 internships with a total of 12 weeks during the 2nd and 4th semester



DUT in Quality, industrial logistics and organization

Course overview

Objectives

Training specialists who will work in industrial sectors and for public services.
Providing training in jobs linked to quality management and the continuous improvement process.
Graduates will be able to manage production flow and product supply.
They will be able to take action regarding processes and production systems in order to optimize budgets, distribution and product quality.

Programme

General teaching

- Communication and self-expression skills
- Business structure and organization
- Economic and financial approaches
- Cost calculations
- Algorithms
- Database management
- Mathematics - statistics
- Basic project planning
- English

Professional teaching - Logistics and organisation

- Stock management and project planning
- Demand management
- Industrialisation
- Organisation of work station
- Computerised control of a production unit
- Launch of payment mandate
- Installation optimisation
- Simulation of goods and services production systems
- Flow management and supply chain logistics management
- Use of ERP systems

Quality and continuous improvement processes

- Performance management and quality improvement
- Audit, evaluation and certification
- Quality management systems
- Control process
- Organisation of QHSE system (quality, hygiene, safety and environment system)
- Implementation of a continuous improvement process
- Environmental Hygiene & Safety, Sustainable Development and social responsibilities

Preparation for professional situations

- **Tutored projects:** students are encouraged to work in teams and apply their knowledge learnt from training to a professional context.
- **Internships:** 14-week internship divided into 3 weeks in the 1st year and 11 at the end of the 2nd year.



DUT in Information technology

Course overview

Objectives

During the 2 years of study, our aim is to train professional designers in creating communication products using digital technology. At the end of their training, graduated students will be able to create multimedia communication products, regardless of the format or communication network, and ensure that they are established, distributed and maintained. They will know how to develop and create company IT systems.

Programme

Communication, culture and knowledge of the socio-economic environment

- English and another Foreign Language
- Information and communication theories:
- Media analysis
- Aesthetics, writing, languages and communication
- Artistic creativity
- Audiovisual analysis
- Writing for digital media
- Oral and written expression
- Project implementation, knowledge of organizations
- Project management
- Legal, economic and marketing environments within organizations

Technological culture and multimedia development

- Scientific culture:
- Representation of information
- Signal processing
- System architecture
- Network and broadband services
- Infrastructure, network administration and security, network management
- Embedded web technology
- Information technology
- Algorithms and data structures
- Script language, language oriented objects and events
- Android programming
- Digital media
- Computer graphics
- Multimedia development
- Audiovisual production

Preparation for professional situations

- **Tutored projects:** these will allow students to implement skills acquired during their training. They will work in groups of 5-6 people, engaged in teamwork and applying professional approaches (including reaction specifications, business proposals, etc.) about topics chosen by students. Tutored projects are monitored by a checking progress carried out by examiners.
- **Internships:** 10-weeks (min.) placement during the 4th semester

DUT in Business studies

Course overview

Objectives

Over the 2-year course, our aim is to train professionals who will be able to work efficiently in a company's commercial and marketing departments.

Career opportunities in the following sectors:

- Distribution
- Banking
- Insurance
- Manufacturing

Programme

Marketing skills

- Marketing
- Studies and research
- Buying and selling negotiation
- Marketing communications
- Distribution
- Retail marketing
- Organization of sales forces
- Customer relationship management

Knowledge of the organization and business

- Law
- Financial and accounting management
- Logistics
- Psychology of organizations
- Organization
- Quality and strategy management
- Database and new technologies
- International marketing techniques
- Entrepreneurship

General Culture

- Expression and culture
- Economy
- Modern languages
- Mathematics and statistics
- Psychology of communication
- Development of interpersonal skills

Preparation to professional situations

- **Personal and professional project:** this allows students to learn more about their prospects after obtaining their DUT as well as having a better understanding of the job market. They will receive continuous support and guidance from professionals working in the sectors listed above.
- **Projects:** more than 300 hours will be dedicated to this project. This allows students to obtain an approach to group work and better time management skills.
- **Internships:** 12 weeks (min.) training