This catalogue shows the diversity of the course offer at the Université Polytechnique Hauts-de-France, from the bachelor up to the doctorate level in secondary and tertiary sectors. All of our academic programs are offered as initial education, continuing education or in work-study contracts, such as apprenticeship or training contracts.

Freshly emerged from the former Université de Valenciennes et du Hainaut-Cambrésis, the Université Polytechnique Hauts-de-France was created to revamp itself into two education pillars: “Humanities” and “Science and Technology”.

This transformation corroborates the university’s territorial anchoring and its intention to contribute to the economic, social and cultural renewal of its region. It also allows for the creation of opportunities for student engagement with “cultural others” in local society, by acknowledging the effects of globalization, migration, and cultural diversity.

Our new innovative approach towards academic training has been built to enable a personalization of the students’ academic path in order to foster professional insertion. That includes:

- Integration of “polytechnic” modules in curricula, which combine Science and Technology skills as well as Humanities skills. Created to meet societies new demands, those modules are in line with the emergence of new professions and research trends.

- Integration of “openness” modules in curricula, which have the goal to develop and promote specific skills together with the students’ engagement (in sports, cultural and/or civic engagement). Beyond the high-level hard skills acquired during education, from an employer point of view, there is a need to acquire soft skills early on, which are pledges of agility in the future job market.

- A new Bachelor “Multidisciplinary Personal Project” (L3P), developed in collaboration with the Fédération Universitaire Catholique de Lille, allows the student to become the “designer of his own academic path” and to acquire skills specifically tailored to the students personal project (training, entrepreneurial project, etc.)

We hope we can welcome you soon among our students.
### Science and Technology

#### BAC+2: DEUST, DUT after BAC

**DEUST**
- Building and Construction
- Organization Computing and Information Systems
  - IT Management and Web Technology

**DUT**
- Electrical Engineering and Industrial Computing
- Industrial Engineering and Maintenance
- Mechanical Engineering and Computer Integrated Manufacturing
- Physical Measurements
- Computer Science
- Quality, Industrial Logistics and Organization

#### BAC+3: Bachelors after BAC

- Civil Engineering
  - Architectural and Urban Engineering
  - Computer Science
  - Mathematics
  - Science and Technology
  - Audio-visual and Digital Media
  - Life Sciences
  - Biotechnologies and Agribusiness
- Physics/Chemistry
  - Chemistry and its Applications
  - Physics and its Applications
- Engineering Sciences
  - Electrical Engineering and Industrial Computing
  - Mechanical Engineering
  - Adapted Physical Activity and Health
  - Education and Motricity
  - Sports Management
  - Multidisciplinary Personal Project

#### BAC+5: Engineering titles after BAC or BAC+3

- Curriculum Science And Humanities Engineering
- Engineering Degree, Specialty
- Civil Engineering and Construction
- Computer Science and Cyber Security
- Mechanics and Energy
- Mechatronics
- Industrial Engineering
- Electrical Engineering and Industrial Computing
- Mechanical Engineering
- Computing

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#### Legend

- **Mont Houy**
- **Cambrai**
- **Maubeuge**
- **Tertiales**
- **Arenberg**

- **Possible training with professionnalisation contract**
- **Possible training with apprenticeship contract**
- **Not open as initial training**

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#### Geographical sites where the training is provided

- **C**: Multidisciplinary Personal Project
- **MH**: Automated Systems, Networks and Industrial Computing
- **M**: Maintenance and Technology: Multitechnique Systems
- **C**: Computer Networks and Telecommunications Trades
- **T**: Computer Networks and Telecommunications
- **A**: Maintenance and Technology: Multitechnique Systems
- **C**: Operational Security and Advanced Maintenance Technologies
- **C**: Home Automation
- **C**: Security Systems and Remote Monitoring
Science and Technology

**BAC+5:** Masters in 2 years after BAC+3

- Quality, Hygiene, Safety [MH]
  - Management of Organizations and Service Activities [MH]
  - Energy and Environment [MH]
  - Operation Safety and Security [MH]
- Networks and Telecommunications [MH][M]
  - Cyber security, Protection of Information Systems [MH]
- Material Science and Engineering
  - Chemistry and Material Engineering [MH][M]
  - Control and Safety of Materials [MH]
- Physical Activity: Engineering and Ergonomics of Physical Activity [MH]
  - Product and Service Design [MH]
  - Human Motion Measuring and Modeling [MH]
  - Physical Activity and Sports Science [MH]
- Transport, Mobility, Networks [MH]
  - Mechanical Engineering: Computer Aided Design and Calculation [MH]
  - Automation, Human and Mobility Engineering [MH]
  - Embedded Systems Engineering and Mobile Communication [MH]

- Audio-visual, Interactive Digital Media, Games
  - Engineering of Images and Sounds Systems [MH]
  - Production [MH][A]
  - Postproduction [MH][A]
- Energy [MH]
  - Transportation and Energy (International curriculum)
- Civil Engineering [MH]
  - Architectural and Urban Civil Engineering [MH]
  - Collaborative Digital Engineering for Construction [MH]
- Production Management, Logistics, Purchasing [MH]
  - E-logistics [MH]
- Computer Science [MH]
  - Network Engineering, Mobile Communications and Security [MH]
  - Information and Decision-Making Systems Technology [MH]
- Mathematics [MH]
- Mathematics and Applications [MH]
  - Modeling, Optimization, Security [MH]
- Nutrition and Food Science [C]
  - Quality Control and Risk Management for Good Manufacturing Practices in Agribusiness [MH]

**BAC+5:** Masters « Teaching, Education and Training Trades » (MEEF) in 2 years after BAC+3

- MEEF / INSPE
  - Physical Activity and Sports Science [MH]
  - Mathematics [MH]
BAC+2: DEUST, DUT after BAC

DEUST
- Legal Assistant [T]
- Careers in Social Cohesion [T]

DUT
- Management of Companies and Public Administration [T]
  - Accounting and Financial Management [T]
  - Organization Management [T]
  - Human Resources Management
- Marketing Techniques
  - Digital Marketing [C]
  - Marketing Techniques [T]

BAC+3: Bachelors after BAC

- Public Administration (Y3) [T]
- Economics and Social Administration [T]
- Law [T]
  - Law
  - Law - Language
- Economy
  - Economic Analysis, Environment, Territories [MH][T]
- Management [MH]
  - Accounting Audit Control
  - Accounting Audit Control - Integrated International Dimension
- Organization Management and Development
- Organization Management and Development - Integrated International Dimension
- Multidisciplinary Personal Project [MH][T]

BAC+3: Vocational bachelors 1 year after BAC+2

- Insurance, Banking, Finance: Client Advisor
  - Private Customer Advisor [MH]
- Management of Organizations
  - International Business Administrator [T]
- Sales Management
  - Commercialization of Industrial Equipments and Services [T]
- E-business and Digital Marketing
  - E-logistics [C]
  - Digital Design [T]
  - Web and Secured Transactions [M]
- Human Resources: Training, Skills and Employment
  - Project Management in Human Resources [MH]
- Social Intervention: Social And Professional Integration and Rehabilitation [T]
- Entrepreneurship
  - Operational Management of Small and Medium Organizations and Entrepreneurship [MH]
- Trade and Distribution
  - Specialized Distribution Manager: Homeware Equipment [T]
  - Business Management and Accounting: Accounting and Payroll [MH]
- Legal Activities: Private Law
  - Legal Practices in Companies [T]

BAC+5: Masters in 2 years after BAC+3

- Public Administration [T]
  - State - Public Services Management
  - Decentralized Public Services Management
  - Public Health and Social Service Management
  - Business Expertise
- Accounting, Audit and Control [MH]
- Management Control and Organizational Audit [MH]
- Business Law [T]
  - Transportation Law [T]
  - Business Contracts (Partnership with Skema)
  - Social Law [T]
  - Contract Manager [T]
  - Law of Accounting and Finance [T]
- Real Estate Law [T]
  - Real Estate Law and Financing [T]
- Public Law [T]
  - Law of Public Contracts [T]
  - Entrepreneurship and Project Management
  - Digital management and Entrepreneurial Project [MH]
- Wealth Management [MH]
  - Advice for Wealth Management and Transfer [T]
- Human Resources Management [MH]
  - Team Management and Skills Development [T]
- Management of Territories and Local Development [T]
  - Local Development and Social Economy [T]
  - Mobility Environment and Territories Expertise
  - Heritage and Territorial Resources [T]
  - Third Places and Territorial Dynamics [T]
(Master Y2)
- Justice, Trial and Procedures [T]
  - Justice and Mediation [T]
- Management and Business Administration [MH]
  - Management [T]
- Management of Units and Teams in Health Structures [T]
- Management and International Trade [MH]
(Master Y2)
- Trilingual Negotiations
- International Trade
**BAC+3:** Bachelors after BAC

- Arts |T|
  - Fine Arts
  - Performing Arts
  - Digital Creation
- Foreign and Regional Languages, Literatures and Civilizations |MH|
  - Foreign and Regional Languages, Literatures and Civilizations - English
  - National examination, Languages, Craft Culture and Translation - English
  - Foreign and Regional Languages, Literatures and Civilizations - Spanish
- Applied Foreign Languages |MH|
  - English-German
  - English-Spanish
- Literature |MH|
  - Literature, Languages, Translation
  - Literature, Arts, Humanities
- Social Sciences |T|
  - History and Geography
  - Social Sciences
  - History, Archaeology, Heritage, Environment |C|
  - Archeology and Archaeological Mediation (Y3) |C|
- Multidisciplinary Personal Project |MH|

**BAC+5:** Masters in 2 years after BAC+3

- Arts |T|
  - Review, Writing, Research Related to the Field of Contemporary Art
  - Curatorial Studies Related to the Field of Contemporary Art
- Arts, Literature and Civilization |MH|
  - Creative Writing
  - Translatology
  - Preparation for the examination for the « Aggregation » in Modern Literature
- Digital Creation |T|
  - Transmedia Scripting and Direction
  - Graphic and Interaction Design
  - Informational Design and Transmedia Journalism
- Geography, Planning, Environment and Development |LILLE|
  - Geography, Lanscape, Environment and Development
- History |T|
  - History and Cultural Valorization at International level |T|
  - Images, Sounds, Stories |L|
- Management and International Trade |MH| (Master Y2)
  - Trilingual Negotiations
  - International Trade
- Digital Humanities
  - Digital Writing
  - Digital Performing Arts
  - Tangible and Intangible Digital Heritage
  - User Experience Design: Digital Communication and Connected Objects
- Management of Territories and Local Development
  - Local Development and Social Economy
  - Mobility Environment and Territories Expertise
  - Heritage and Territorial Resources
  - Third Places and Territorial Dynamics (Master Y2)

**BAC+3:** Vocational bachelors 1 year after BAC+2

- Project Management and Artistic and Cultural Structures |C|
  - Mediation and Cultural Actions |C|

**BAC+5:** Masters « Teaching, Education and Training Trades » (MEEF) in 2 years after BAC+3

- MEEF / INSPE
  - English |MH|
  - Fine Arts |MH| |T|
  - History and Geography |MH| |T|
  - Modern Literature |MH|

The different national examinations of 1st and 2nd degree education:

- School teacher
- CAPES
- Agregation

**INSPE** (Higher National Institute of Teaching and Education) trains first and second level teachers as well as senior education advisers

**Contact:**
INSPE Lille Nord de France
365 bis, rue Jules Guesde
BP 50458
59658 Villeneuve d’Ascq Cedex - FRANCE
Tél : +33 3 20 79 86 00

**Registration details:**
> school teacher: registration and training at INSPE
> CAPES / CAPET / CAPEPS* and agregation:
  > Registration at INSPE + Université Polytechnique Hauts-de-France
  > Training at Université Polytechnique Hauts-de-France

**Successful examination**
The 2nd year is in Work-Study contract with the status of probationary official

* General / Technical / Sports Certificate
After a BAC + 5: access to research

BAC+6
- Mastère Rail and Urban Transport Systems (Ecole Des Ponts)
- Drtu (University Technological Research Diploma) Engineering Sciences

BAC+8: Doctorate And Openings
Academic Teacher/researcher and Private Sector Researcher in the Following Scientific Fields:
- Mathematics and Interactions
- Physics
- Chemistry
- Humanities
- Social Sciences
- Science for the Engineer
- Information and Communication Technology
- Physical Activity and Sports Science

Our other diplomas, trainings and certifications

Access to university studies without BAC
- DAEU (Access to University Studies Diploma)
- DAEU A Literary (Arts, Literature, Languages)
- DAEU B Scientific (Science, Technology, Health)
- CAPD (French Law Certificate)

Art Schools
BAC+3: Arts National Degree (DNA) - Eq. Bachelor
- Arts (ESAD)
- Space Design (ESAD)
- Communication (ESAC)

Bac+5: National Postgraduate degreeed in Fine Arts - Eq. Master (DNSEP)
- Arts (ESAD)
- Space Design (ESAD)
- Communication (ESAC)


Other formations with BAC

University degrees (DU)
- Student-Entrepreneur
- Trade and Management Training
- Scientific and Technical Training
- DU French as a Foreign Language
- Language evening classes, English, German, Spanish
- Negotiation and Labor Law
- Multidisciplinary Personal Project
- Human Movement Science
- Transportation Industry Strategy (Science, Technology, Health)
- Springboard program: long (November) or short (January)
- General Administration
- European Diploma in International Management
- International Diploma in Business and Communication

National Examinations
- Preparation for Internal Administrative Examinations of Category A and B
- Preparation for Major Administrative Examinations - PGC
  - Justice and Security
  - Culture and Heritage
- Preparation for Entrance Examination for Lawyers' Vocational Training Center
- Preparation for the Degree in Chartered Accounting
  (Prep. to Education Units 1 and 4 of the « DSCG » Diploma of Accounting and Finance)

Certifications and Placement tests
- PIX Computer and Internet Certification
- CLES* Certificate of Competence in Language of Higher Education
- BULATS* (Business Language Testing Service) only in English
- BRIGHT* offered in 11 languages (German, English, Arab, Chinese, Corean, Spanish, Italian, Japanese, Dutch, Portuguese, Russian)
- TOEIC* (test of English for international communication)
- VOLTAIRE Certification (spelling certification of the French language)

*Open to all
Université Polytechnique Hauts-de-France

Institutes:
ISH
Institut Sociétés et Humanités
IUT
Institut Universitaire de Technologie

Institutes (Legal Entities):
ESAC
Ecole Supérieure d’Art et de communication de Cambrai
ESAD
Ecole Supérieure d’Art et de Design de Valenciennes
INSA HdF
Institut National des Sciences Appliquées Hauts-de-France

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Continuing education and work-study:
safco@uphf.fr
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Please review our catalogue at: www.uphf.fr

Geographical site in which the training is provided

Campus du Mont Houy
Le Mont Houy
59313 Valenciennes CEDEX 9

Campus des Tertiales et Ronzier
Rue des cent-têtes
59300 Valenciennes CEDEX 9

Centre universitaire de Cambrai
6 Rue de Rambouillet
59400 Cambrai

Campus de Maubeuge
Rue du Général de Gaulle
59600 Maubeuge

Site de Wallers Arenberg
Site minier d’Arenberg
Rue Michel Rondet
59135 Wallers-Arenberg

ESAD
132 Avenue du Fbg de Cambrai
59300 Valenciennes