



PARIS LA DÉFENSE

ESILV

ÉCOLE SUPÉRIEURE D'INGÉNIEURS LÉONARD-DE-VINCI PARIS



Studying at ESILV means choosing a general engineering school with a focus on the digital world, new technologies, hybridisation and innovation. The course provides countless opportunities to develop and broaden the scope of your learning: 11 majors, 23 double degrees including an Engineer-Manager degree with EMLV, a minimum of 13 months of internships, and more.

Innovation is at the heart of teaching and research at ESILV. As well as the DeVinci Research Centre (DVRC), students have access to a modern infrastructure equipped with the latest technology (Bloomberg Suite, Fab Lab, DeVinci Innovation Centre (DVIC), technology laboratories, etc.). They learn by experimenting with innovative technology projects.

ESILV's students' success does not depend solely on the quality of their scientific, technical and vocational training, but also includes a very strong human dimension through inter-school sharing, soft skills training, sports activities, clubs and societies. Each student is provided opportunities to grow as a person, to develop and apply new people skills, and to express their personality and realise their potential.

◆ MAIN PROGRAMMES OF STUDY

- Engineering Preparatory cycle
- Master in engineering (11 majors)
 - Financial Engineering
 - Actuarial Science
 - Fintech
 - IT, IOT, and Security
 - Data and artificial Intelligence
 - Cybersecurity and Cloud Computing
 - Digital modelling and Mechanics
 - Industry 4.0
 - Energy and Sustainable Cities
 - Health Engineering and Biotechnology
 - Creative Technology Engineer
- Bachelor Ingénierie Numérique
- Bachelor Technologie and Management
- 5-year double degree : Master in Engineering / Master in Management
- Mastère spécialisé expert en modélisation numérique des systèmes et processus industriels

◆ RESEARCH

The De Vinci Research Center combines research capabilities from all three Léonard de Vinci schools. The Research Center is made up of four groups of study.

The Business Group works on the following research perspectives: innovation and technology for governance and entrepreneurship; marketing (consumer, b2b, digital, data driven etc); global strategy, CSR and international business; public and non-government institutions; organizational change and the future of work. They use a large array of methodologies ranging from structural equation modelling, experimentation, applied econometric modelling, NLP, data analytics with pattern recognition, machine learning and genetic algorithms, to qualitative methods such as case studies, semantic, narrative, visual and archival analysis.

The Digital group's research work focuses on digital transformation in the era of Big Data, in a multidisciplinary and cross-disciplinary way, with 4 main axes: impact of the digital revolution, AI and digital twins, Data Mining, Machine Learning and Big Data processing, and Computer Human Interactions.

The Finance Group covers most of the topics that are currently relevant in quantitative and mainstream finance. It is also involved in fundamental research on the mathematics of finance, the impact of new technologies on financial transactions contributing to the advancement of Fintech, the engineering of sustainable investments, the challenges of corporate finance and financial regulations in modern evolutionary economies.

The Modeling group brings together researchers from the Engineering Sciences, Mathematics and Computer Science departments of the engineering school. The scientific themes developed address the modelling of the energy chain, the development and characterization of intelligent structures and materials as well as the mathematical study of complex fluid problems and polyphase flows.

◆ STRENGTHS

11 lecture theatres, 183 classrooms, 25 rooms for practical work and laboratories, 40 computer rooms, a co-working space in the Learning Center, 5 sports rooms (weight training, cardio training, fitness, combat sports), a student common room and a music room... ESILV shares the campus with our sister schools EMLV Business School and IIM Digital School, offering the possibility to share courses, study for double degree programmes and participate in joint activities.

◆ LOCATION

Located in Paris-La Défense, Europe's largest business district, ESILV benefits from an exceptional economic environment, facilitating links with companies from all sector for involvement in student training: professional projects, internships, Alternance programmes, business conferences, forums... An undeniable advantage, which allows our graduates to quickly find their first job with an average salary of 43,500 euros upon hiring.



IDENTITY FORM

- ◆ **Precise name of the institution**
École supérieure d'ingénieurs Léonard-de-Vinci (ESILV)
- ◆ **Type of institution**
non-profit association
- ◆ **City where the main campus is located**
Paris La Défense
- ◆ **Number of students**
3300
- ◆ **Percentage or number of international students**
5%
- ◆ **Type and level of qualifications awarded**
Engineering degree accredited by the CTI (Label EURACE): MSc, MS (Label CGE)
- ◆ **French language courses**
Yes - 1h30 of French lessons per week
- ◆ **Programs for international students**
Yes - Courses in English from the 4th year.
- ◆ **Programs in English**
Yes - Engineering degree accredited by the CTI (Label EURACE): MSc, MS (Label CGE)
- ◆ **Registration fees/year (for information only)**
University fees vary by program. Please visit www.esilv.fr/en
- ◆ **Postal address**
Pôle Universitaire Léonard de Vinci - 92916 PARIS LA DEFENSE CEDEX

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