



AMITY
UNIVERSITY
ONLINE

**STUDY
ABROAD**

M.Sc (Computer Science and
Data Science)

GLOBAL PATHWAY PROGRAM

YOUR PATHWAY TO SUCCESS



YOUR SURE SHOT OPPORTUNITY
TO STUDY ABROAD FROM TOP FOREIGN UNIVERSITIES

ABOUT ESILV Engineering School Paris-La Défense, France

Founded in 1995, ESILV (École Supérieure d'Ingénieurs Léonard de Vinci) is a premier engineering school based in Paris-La Défense, with a campus in Nantes. Part of the Pôle Léonard de Vinci, it trains future-ready engineers through a blend of digital expertise, interdisciplinary learning, and strong industry integration. The school hosts over 3,600 students, including 1,200 international students, within a wider academic ecosystem of 10,500 learners. Backed by 200+ global partners, ESILV emphasizes international mobility, offering students opportunities for exchanges, global collaboration, and cultural immersion.

Its curriculum balances technical specialization with applied learning. Programs span Computer Science & Data Science, Financial Engineering, Cyber Resilience, Computational Mechanics, Energy, Health & Biotechnology, and Fintech. A hallmark of the ESILV experience is its project-based pedagogy, small class sizes, and mandatory 14-month professional placements, ensuring graduates gain practical exposure and industry relevance alongside academic rigor.

Career outcomes highlight ESILV's strong connections with employers. According to the 2024 First Job Survey, graduates earned an average gross annual salary of €46,800 in France and €57,000 abroad. Employment rates are impressive, with 89% hired within six months, 91% in permanent roles, 20% working internationally, and 69% securing jobs before graduation. Leading firms such as Accenture, BNP Paribas, Dassault Systèmes, Microsoft, SAP, Société Générale, and Valeo regularly recruit from ESILV through forums, workshops, and campus.

Rankings and Accreditations

- **Ranked among the top 3 post-baccalaureate engineering schools in France** – Ranked by Le Figaro, L'Étudiant, L'Usine Nouvelle
- **#1 in Île-de-France** – Post-baccalaureate engineering schools ranking
- **#9 nationally (2025)** – L'Étudiant engineering school ranking
- **#1 in IT, Electronics, and Telecommunications (2025)** – L'Usine Nouvelle
- **CTI Accreditation** – Fully authorized to award the Diplôme d'Ingénieur, renewed in 2024
- **Bienvenue en France Label** – Excellence in welcoming international students

ABOUT AMITY UNIVERSITY

Established over 30 years ago, **Amity University Noida** is the flagship institution of India's leading not-for-profit global education group, recognized for its unparalleled academic excellence and innovation. Ranked among the **top 3% universities globally** by QS and THE, Amity continues to redefine higher education with its student-centric approach and research-driven focus.

Why Amity University Noida?

- **Global Presence:** Campuses across India, London, Dubai, Singapore, New York, San Francisco, Abu Dhabi, Mauritius, Sharjah, Muscat, South Africa, Amsterdam and Tashkent
- **Research Excellence:** Over 2,200 patents filed and 36,000+ research papers published
- **World-class Facilities:** 35+ research centers, hi-tech labs, and self-sustained campuses across 2,000 acres
- **Industry Collaborations:** Partnerships with Tata, RICS (UK), and CII to deliver industry-led education
- **Alumni Network:** 700,000+ alumni excelling globally in top organizations and universities

With a strong focus on nurturing leadership, innovation, and a global outlook, Amity University Noida stands as a beacon of excellence in education.

Rankings and Accreditations

- QS and THE: Top 3% Globally
- India Today: Ranked India's No.1 Private University (11 consecutive years)
- THE Global Employability Survey: Among the Top Universities for Graduate Employability



FRANCE

Best Destination For Global Learners

1. World-Class Education

France is consistently ranked among the Top 5 global study destinations with over 4 million international students. It is home to 3,500+ universities and 19 Triple Crown-accredited business schools—placing it in the top 1% globally. Institutions such as Rennes, EMLYON, and Audencia are recognized worldwide for academic excellence and future-focused education.

2. Strong Economy

As the world's 7th largest economy with a GDP per capita of \$46,150, France offers unmatched exposure to global industries. From aerospace and automotive (Airbus, Renault) to luxury and fashion (LVMH, Chanel, Hermès), France is a hub of innovation, sustainability, and international business opportunities.

3. Quality of Life

International students in France enjoy a high standard of living supported by student-friendly policies. These include a 30% rent subsidy, free public healthcare with major reimbursements, and free schooling for children up to 18. A balanced lifestyle is ensured through a 35-hour work week, 5 weeks of paid leave, and opportunities for part-time work during studies.

4. Career Opportunities

France provides strong career pathways through a 2-year post-study work visa (APS), allowing graduates to gain valuable international experience. With the possibility of transitioning to long-term permits like the Talent Passport, students can secure full-time roles in line with their education, paving the way for career growth and settlement in one of Europe's most dynamic economies.

About Paris-La Défense

Located just west of central Paris, La Défense is Europe's largest purpose-built business district, blending modernity, culture, and accessibility. Spread over 560 hectares, it is home to more than 3,600 companies and 180,000 daily workers, anchored by iconic landmarks such as the Grande Arche and a striking skyline of glass-and-steel towers. Its vast pedestrian esplanade, dotted with parks, fountains, and over 70 open-air artworks, offers a unique mix of architectural boldness and urban greenery, making it a dynamic place for both study and work.

The district is not only a hub of global commerce but also a lively urban space. Shopping centers like Westfield Les Quatre Temps and CNIT attract millions each year, while numerous cafés, restaurants, and cultural events bring vibrancy to the area. Regular festivals, exhibitions, and concerts create an atmosphere where professional life intersects with leisure, making La Défense far more than just an office district.

Connectivity is one of La Défense's greatest assets. Linked by RER A, Metro Line 1, Tramway T2, Transilien trains, and soon the Grand Paris Express Line 15, the district is only minutes away from central Paris and major transport hubs. This accessibility, combined with its forward-looking urban renewal projects—focusing on greener spaces, sustainable offices, and cultural vitality—positions La Défense as both a thriving economic powerhouse and a modern neighborhood. For students, professionals, and residents alike, it offers unparalleled proximity to Paris's opportunities while maintaining its own distinct identity.

Why pursue your M.Sc Computer Science and Data Science at ESILV Engineering School?

Prestigious Institution in Paris-La Défense

Ranked among France's top post-bac engineering schools, ESILV is part of the renowned Pôle Léonard de Vinci in Paris-La Défense, Europe's largest purpose-built business district.

Work-Study Advantage

The program's alternative format integrates hands-on industry exposure, allowing students to earn while they learn and build real-world credentials before graduating.

Cutting-Edge Curriculum

The curriculum bridges foundational and advanced skills, including Python, software development, databases, AI, machine learning, cloud computing, and cybersecurity.

Industry Partnerships

Students gain direct access to ESILV's 100+ corporate partners, including Microsoft, IBM, Capgemini, Accenture, and Ubisoft, ensuring opportunities for top-tier internships and graduate roles.

Project-Based Learning

Dedicated modules emphasize real-world case studies, AI projects, ethical tech, and cross-functional teamwork, preparing students for leadership in digital transformation.

Recognized Credential

Graduates earn the nationally recognized title "Manager of Digital Engineering" (RNCP Level 7), highly valued in both the French and European job markets. the United States, expanding global career networks.



Why Amity Online - Study Abroad?

At Amity Online - Study Abroad, we don't just offer international degrees - we offer a complete ecosystem to help students study abroad with confidence and build a future on the global stage. Whether it's about choosing the right university, preparing for the move, or shaping a career that spans continents, Amity Online - Study Abroad ensures your aspirations take flight -

Amity Online - Study Abroad Advantages

- Save time & cut expenses by up to 60%
- 30%-50% coursework in India with Amity University Online
50%-70% coursework with Partner University
- Waiver for GRE/GMAT/SAT
- Balanced industry-aligned curriculum
- Global exposure and connections
- Smooth academic progression
- Financially rewarding programs
- Counselling support at every step
- Cutting-edge technology integration
- Credit Transfer acceptance
- End-to-end support with Application, SOP, LOR & VISA

PROGRAM HIGHLIGHTS

01

Coursework Distribution

60 ECTS credits from Amity University Online and
60 ECTS credits from ESILV Engineering School

02

Program Duration

9 months hybrid program at Amity University Online
and 12 months on-campus at ESILV Engineering
School, France

03

Cost Savings

Students can save up to INR ₹20 lakhs
on tuition fees

04

Standardized Test/English Proficiency Test Waiver

No GMAT/GRE required for admission/
No requirement for IELTS/TOEFL/PTE

05

Autorisation Provisoire de Séjour (APS)

Opportunity for international graduates to
search for a job in France for up to 2 years
after graduation

06

Free French Language Proficiency Classes

A1 level French language proficiency classes
integrated with online curriculum in
your first year coursework

12 ECTS Credits



Students will complete 60 credits towards the program.

50%
coursework in India

60 ECTS Credits
EMLV

Students will complete 60 credits towards the program.

PATHWAY SPECIFICS

50%
coursework at
ESILV Engineering School, France

Roadmap to Success



Break through Business Boundaries.

M.Sc in Computer Science and Data Science
- ESILV Engineering School, France

Smart M.Sc. Smarter Savings.



Streamlined
admission



Save up to ₹20 lakhs
with Amity Online -
Study Abroad



Easy international
work permit



Credit transfer
acceptance

Student Reviews

I would like to extend my gratitude to the entire Amity Online - Study Abroad team who made it so easy for me to live my dream of experiencing overseas education. They helped me at every step of the study abroad application process, which left me with ample time to focus only on my academics.



Eishvak Sengupta



To any student considering abroad education, I strongly recommend the Amity Online - Study Abroad Pathway program since it's more than just a pathway to your master's degree abroad; it's a transformative journey of personal and academic growth. From the initial consultation to the moment I stepped foot on campus overseas, the support I received was unparalleled.



Piyush Arora



I am glad to have been a part of the Amity Online - Study Abroad Pathway Program. According to me, what sets the program apart is its personalised approach. Unlike other service providers, they didn't push me to pick from the pool of several foreign universities but, took the time to understand my academic interests, career goals, and financial constraints to recommend the best-fit institutions. This tailored guidance was invaluable and was a great add-on to the many benefits of studying abroad.

Mahek Sharma



Career Opportunities

In France, data science and AI jobs are among the fastest-growing roles. According to Le Monde, nearly 93% of fresh tech graduates secure jobs within six months with a median annual salary of ~€50,500 at the graduate level. ESLIV, too, boasts a staggering 92% placement rate within 2 months of graduation, with over 90% of ESLIV graduates being highly satisfied with their first job. Additionally, 90% of the students grab jobs with a manager status, earning an average annual salary of €44,700.

Data Engineer

Average salary of approximately

€53,000

per year

Data Scientist

Average salary of approximately

€55,000

per year

AI Engineer/ NLP Specialist

Average salary of approximately

€75,000

per year

Business Intelligence Analyst

Average salary of approximately

€60,000

per year

Analytics Consultant

Average salary of approximately

€70,000

per year

Chief Data Officer

Average salary of approximately

€80,000

per year

Product Manager - AI/Analytics

Average salary of approximately

€90,000

per year

Curriculum Overview

Students will complete the first 9 months of their Master's Program at Amity University Online and the remaining 12 months at ESILV Engineering School.
Here's how the syllabus expands across the two segments

Earn 60 Credits
at Amity University
Online

M.Sc
Computer Science and
Data Science

- 
- **Graph Theory and Combinatorics**
 - **Core Java**
 - **Advanced Data Management Systems**
 - **Advanced Software Engineering Principles**
 - **Professional Communication**
 - **Cognitive Analytics and Social Skills for Professionals**
 - **Data Structures and Algorithm Design**
 - **Network Security and Cryptography**
 - **Research Methodology**

Earn 60 Credits
At ESILV Engineering School

M.Sc
Computer Science and
Data Science

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- Big Data Processing in Spark
- Web Scraping & Data Processing
- Green IT [data centre & databases]
- Big Data Ecosystem
- Graph and Mining
- Data Visualization
- IA & Ethics
- Natural Language Processing
- Business Intelligence
- Machine Learning Use-cases
- Theory and Practice of Security and Privacy
- Secure software development
- Communication for the workplace
- Career Development
- 4-6 Months' Internship



Overall Expenses
Just — €28,662*

Minimum Time to Complete	21 Months
Tuition Fee	€13,400
Living Cost	€12,000
Overall Cost	€25,400
Loan Assistance Up to	100%
Amity Online - Study Abroad Program	€3,262*
Total Expense	€28,662*
Earning Income (PA)	€70,000**

**Source: World Economic Forum's Future of Jobs Report 2025





Admission Process

Program Duration and Format

- 9 Months Hybrid - Amity University Online
- 12 Months - On Campus at ESILV Engineering School, France

Program Fee Course

- Amity Online - Study Abroad Program - ₹3,50,000
- On Campus M.Sc - Computer Science and Data Science at ESILV Engineering School - €13,400

Eligibility Criteria

- Students with a 3-year bachelor's degree (Engineering/Tech field) with a minimum of 55% in their undergraduate education
- Students with a 4-year bachelor's degree (Engineering/Tech field) with a minimum of 55% are eligible to apply for career advancement
- IELTS or other English proficiency test score waiver if the student has previously graduated from a program taught in English
- Transfer criteria- To successfully transition into the M.Sc Year 1 program at ESILV Engineering School, students must score an aggregate of 60% and above in the first-year coursework done at Amity University Online, with a minimum of 60% in each course

Selection Process

Step 1: Application, Screening & Seat Blocking

Fill out the application form online. Our admissions committee will screen your profile to check eligibility. You will be required to pay INR 20,000 to block your seat.

Step 2: Receive Your Offer Letter

Upon qualifying the profile screening and confirming your seat block, an official Offer Letter will be sent to you confirming your selection for the program.

Step 3: Complete Full Payment & Start Course

To finalize your admission, pay the remaining full balance of the program fee. You will gain access to the prep course and start your journey only after the full payment is completed.



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