



AMITY
UNIVERSITY
ONLINE

**STUDY
ABROAD**

M.Sc (Data Engineering
and Cloud Computing)

GLOBAL PATHWAY PROGRAM

YOUR PATHWAY TO SUCCESS



YOUR SURE SHOT OPPORTUNITY
TO STUDY ABROAD FROM TOP FOREIGN UNIVERSITIES

ABOUT AIVANCITY SCHOOL FOR TECHNOLOGY, BUSINESS & SOCIETY, FRANCE

Founded in 2020, Aivancity School of AI & Data for Business & Society is a pioneering institution located in Paris-Cachan, France. Positioned at the crossroads of artificial intelligence, business, and ethics, the school is dedicated to preparing leaders who shape the future of AI while ensuring its responsible impact on society. Its innovative curriculum integrates 50% AI and data science, 25% business and management, and 25% ethics and social responsibility, fostering well-rounded expertise.

Aivancity's flagship Grande École Program, along with its Bachelor, M.Sc, and Executive Education tracks, has been developed in response to the surging demand for AI professionals worldwide. Through applied projects, international exposure, and close ties with industry, the school equips students with the technical and managerial skills to succeed in an economy increasingly shaped by artificial intelligence.

The student experience is centered on hands-on learning and professional immersion. Strong corporate and research partnerships provide opportunities for internships, collaborative projects, and mentorship with global leaders in technology and business. Graduates of Aivancity are well-positioned for careers in AI, consulting, finance, and innovation management, supported by career networks that connect them to top employers worldwide.

Rankings and Accreditations

- **#1 in AI & Data Science in France** - Ranked by Eduniversal 2025.
- **7th Nationally in Big Data, Data Engineering & Data Sciences** - Eduniversal 2025 ranking of Master's Programs.
- **Top 10 Promising Universities in France** - Higher Education Review.
- **Campus France Membership** - Ensures international visibility and recognition.
- **CEFDG Approval** - Officially listed among French
- **Ministry of Higher Education**-recognized degree Programs.
- **Government Recognition** - Grande École Program approved by the French Ministry of Higher Education, awarding a state-recognized Bac+5 degree.
- **RNCP Certification** - Programs certified at Level 6/7 on the national professional competency framework.
- **QUALIOPI Accreditation** - National quality label for training excellence in France.
- **Erasmus+ Accreditation** - Enables international mobility, exchanges, and scholarship eligibility.

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 the Commune of Paris-Cachan

Paris-Cachan, just under 7km from central Paris, seamlessly merges a peaceful ambiance of a suburban setting with immediate access to the culture and dynamism of one of the world's most celebrated cities. Nestled along tree-lined streets and historical pockets, Cachan provides a distinctive mix of community spirit and urban convenience. It's walkable, green spaces like Parc Raspail offer a tranquil contrast to the urban energy of Paris, while public transport—including the RER B line—makes the city center readily accessible for both work and leisure, positioning Cachan as a welcoming gateway to the French capital.

The commune is recognized for its strong academic character, hosting renowned institutions such as the École Normale Supérieure Paris-Saclay and the École Spéciale des Travaux Publics. Students and researchers from across the globe contribute to a vibrant intellectual atmosphere, reflected in the area's lively cafés, local markets, and community festivals. This educational focus encourages a spirit of scientific inquiry, innovation, and cultural exchange, enriching daily life and fostering a diverse, cosmopolitan feel in the heart of Grand Paris.

Cachan stands out as a regional hub for both residential living and professional development, benefiting from its direct proximity to Paris's economic, cultural, and research centers. With modern amenities, efficient transport links, and a strong sense of neighborhood identity, Cachan offers a harmonious blend of tradition and progress. Residents enjoy both the authenticity of suburban French life and the abundance of opportunities Paris provides, making it an attractive destination for academic advancement, career exploration, and personal growth.

Why pursue your M.Sc Data Engineering and Cloud Computing at Aivancity?

Career & Industry Relevance:

The demand for data engineers has increased by 40% year-on-year globally (LinkedIn Jobs Report 2024). France alone has over 60,000 open positions for big data and cloud specialists, with salaries starting from €45,000 and reaching €80,000+ for experienced professionals.

Global Recognition Through Rankings & Accreditations:

Aivancity's M.Sc Data Engineering & Cloud Computing is RNCP Level 7 accredited, officially recognized as a Master's degree equivalent across the European Qualifications Framework. In the Eduniversal Best Masters 2025 rankings, it stands 7th in France in the "Big Data, Data Engineering & Data Sciences" category, placing it among the nation's elite programs. As a Campus France member, Aivancity's qualifications enjoy broad international recognition, enhancing your employability across global markets.

Expert & Interdisciplinary Faculty:

Aivancity employs 60 permanent professors from over 10 nationalities, with 75% holding PhDs and a balance of academics and active industry professionals. Faculty members bring experience from global organizations such as Google, Capgemini, and Orange, ensuring that teaching content stays aligned with market needs.

Innovative Learning Tools & Certifications:

Students prepare through four industry certifications (AWS, Azure, Kafka, and MongoDB), which have proven to boost salaries by 20–30% (Global Knowledge 2024). The program also offers a Lifetime Update Guarantee, granting five years of free post-graduation training to keep alumni ahead of emerging technologies.

Strategic Campus Location & Global Immersion:

Situated in Paris-Cachan, just 10 minutes from central Paris, the campus offers direct access to over 120,000 tech jobs in the Île-de-France region. An optional Silicon Valley Learning Trip connects students with 50+ AI and cloud leaders, innovation hubs, and research centres in 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 Aivancity

02

Program Duration

9 months hybrid program at Amity University Online
and 12 months on-campus at Aivancity, 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

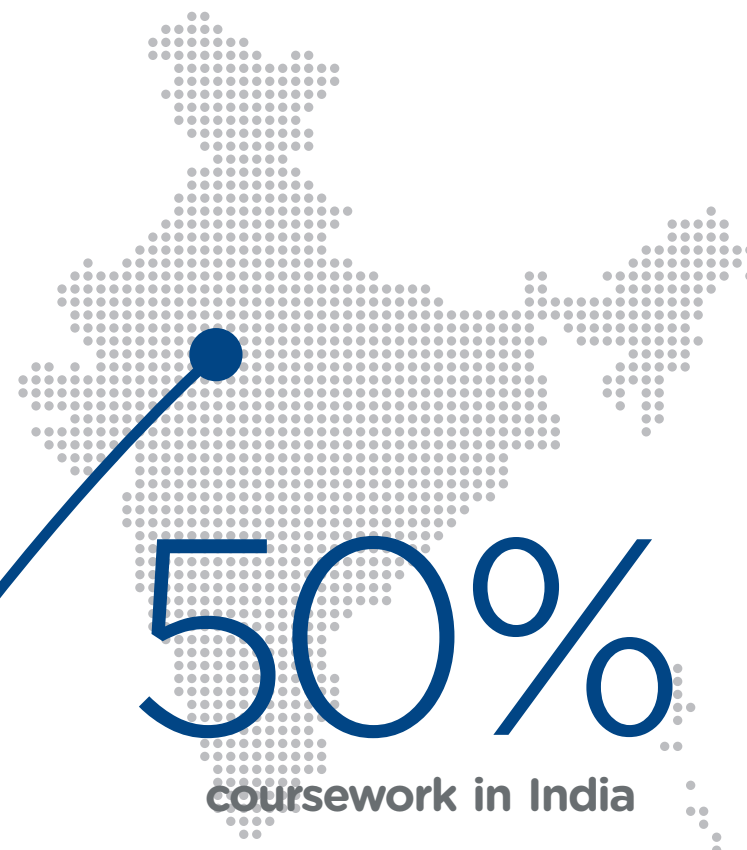
Free French Language Proficiency Classes

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

60 ECTS Credits



Students will complete 60 credits towards the program.



PATHWAY SPECIFICS



60 ECTS Credits
aivancity

Students will complete 60 credits towards the program.

Roadmap to Success



Break Through Business Boundaries.

M.Sc in Data Engineering and Cloud Computing
- Aivancity, France

Smart M.Sc. Smarter Savings.



Streamlined
admission



Save up to ₹9 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

The explosion of big data, combined with the rapid global adoption of cloud computing, has created one of the strongest job markets in the tech sector. According to the World Economic Forum's Future of Jobs Report 2025, Data Engineer ranks among the top 10 fastest-growing roles worldwide, with a projected 28% growth rate over the next five years. In Europe alone, there is a shortage of more than 300,000 skilled data professionals, making graduates of this program highly sought after.

Data Engineer

Average salary of approximately

€85,000

per year

Financial Analyst

Cloud Solutions Architect

€95,000

per year

Big Data Architect

Average salary of approximately

€100,000

per year

Data Platform Engineer

Average salary of approximately

€80,000

per year

Business Data Analyst

Average salary of approximately

€70,000

per year

Machine Learning Engineer

Average salary of approximately

€90,000

per year

DevOps Engineer [Cloud Focus]

Average salary of approximately

€85,000

per year

ETL Developer/ Data Pipeline Engineer

Average salary of approximately

€75,000

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 Aivancity. Here's how the syllabus expands across the two segments:

Earn 60 Credits
at Amity University
Online

M.Sc
(Data Engineering
and Cloud Computing)

Semester -1

- Probability and Statistical Structures
- Programming with Python
- Data Science-1
- Data Warehousing and Mining
- Professional Communication

Semester - 2

- Linear Algebra and Matrices
- Data Science -II with R
- Data Engineering
- Business Analytics
- Data Visualization
- Cognitive Analytics and Social Skills for Professionals

Earn 60 Credits
at Aivancity

M.Sc
(Data Engineering
and Cloud Computing)

S
e
s
s
i
o
n
s

Block 1: Big Data Management

Theory of the Big Data Scala Programming
Big Data in Practice: HDFS & Sparks

Block 2: Large Scale Data Service

Cloud Engineering on GCP Data Pipeline

Block 3: Cloud Innovations

NoSQL Database
Intelligent Engineering
Data Security & Cryptography

Block 4: Cloud Data & Society

Green Computing
Ethics in Data
Data Governance

Overall Expenses

Just — €27,899*

Minimum Time to Complete	21 Months
Tuition Fee	€12,500
Living Cost	€12,000
Overall Cost	€24,500
Loan Assistance Up to	100%
Amity Online - Study Abroad Program	€3,399*
Total Expense	€27,899*
Earning Income (PA)	€80,000

**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 Aivancity, France

Program Fee Course

- Amity Online - Study Abroad Program - ₹3,50,000
- On Campus M.Sc - Data Engineering and Cloud Computing at Aivancity - €12500

Eligibility Criteria

- 3/4 years of Bachelor's Degree in the field of Technology (Computer Science, Computer Application, Information Technology) with a percentage of 65% and above in their undergraduate studies
- Foundational knowledge of statistics and Data.
- An IELTS waiver is provided if the medium of instruction is in English.
- Transfer criteria- To successfully transition into the MSc Year 2 program at Aivancity, 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.



For further details, contact:

 +91-9667094500

 studyabroad@amityonline.com

 L Block, Amity University Extension, Sector 125, Noida

 <https://studyabroad.amityonline.com/>