



AMITY
INSTITUTE OF HIGHER EDUCATION
— MAURITIUS —

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (HONS)



Duration: 3 years

COURSE HIGHLIGHTS

This programme aims to achieve the following:

- To inculcate in students a firm foundation in theory and practice of IT skills and innovation, keeping pace with emerging technologies
- To develop Mobile Application Development skills to design, build, develop and maintain Mobile Applications
- To introduce Artificial Intelligence (AI) principles, techniques, applications of Artificial Intelligence and to develop a understanding of the building blocks of AI
- To teach students concepts of Embedded systems and Internet of Things and its applications
- To train students in Geographic Information systems that lead to analysis of geographic data towards improving environmental sustainability and renewable energy resources
- To develop business analytics skills through Data Warehousing and Data Mining
- To provide students with an understanding of innovative technologies thereby becoming employable and becoming pillars for the global economy

Call or whatsapp on
52552500

Email: admissions@mauritius.amity.edu

www.amity.edu/mauritius

PROGRAMME STRUCTURE

MODULES BEING TAUGHT

Semester 1:

- Computer Technology
- Programming and Algorithms
- Information Systems in Organisations
- Database Systems
- Employability Skills-1

Semester 2:

- Object Oriented Programming
- Computer Graphics and Multimedia
- Computer Communications and Networking
- Advanced Database Systems
- Python Programming

Semester 3:

- Research Methodology
- Software Engineering
- JAVA Programming
- Artificial Intelligence – 1
- Employability Skills – 2

Semester 4:

- Project Management
- C# and .Net Programming
- Cloud Computing
- Artificial Intelligence – 2
- Mobile Application Development
- Internship (6 weeks)

Semester 5:

- Geographic Information Systems
- Interface Design and Web Development
- Embedded Systems and Internet of Things
- Distributed Systems and Systems Integration
- System Development Project (Phase 1)

Semester 6:

- Elective
- Data Warehousing and Data Mining
- Governance, Risks & Compliance
- System Development Project (Phase 2)



UNICITI Education Hub Pierrefonds-72448, Quatre Bornes, Mauritius



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