B.Sc. (IT)
Program Code 10049

Campus : Noida

Institute : Amity Institute of Information Technology

University : Amity University Uttar Pradesh

Eligibility : 10 + 2

Duration : 3 Years

Selection Process : For the time being Selection Process is based on video responses to the questions posted through the VIDEO LINK available on Admission Microsite.

Program Fee	(Rs. in Lacs)
1st Year Non Sponsored Semester Fee	0.97
1st Year Sponsored Semester Fee	1.455

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Course Structure
Semester 1
- Computer and Information Technology [Core Courses]
- Programming in C [Core Courses]
- Digital Logics and Circuit Design [Allied Courses]
- Environmental Studies [Allied Courses]
- Communication Skills - I [Communication Skills]
- Foreign Business Language
- Open Elective Courses
- Outdoor Activity Based Courses

Semester 2
- Accounting Fundamentals [Human Social Sciences & Management Courses]
- Sociology of Change and Development [Human Social Sciences & Management Courses]
- Data Structures Using C [Core Courses]
- Operating System Concepts [Core Courses]
- Network Basics [Allied Courses]
- Introduction to Communication Skills [Communication Skills]
- Individual Society and Nation [Behavioural Science]

- Foreign Business Language
- Open Elective Courses
- Outdoor Activity Based Courses

Semester 3
- Term Paper [Non Teaching Credit Courses]
- Computer Architecture and Assembly Language [Core Courses]
- Green Computing [Core Courses]
- Introduction to Data Base Management Systems [Core Courses]
- Object Oriented Programming Using C++ [Core Courses]
- Computer Oriented Numerical Methods [Allied Courses]
- Communication Skills - II [Communication Skills]
- Foreign Business Language
- Open Elective Courses
- Outdoor Activity Based Courses

Semester 4
- Principles of Marketing [Human Social Sciences & Management Courses]
- Computer Communications and Networking [Core Courses]
- Internet of Things [Core Courses]
- Introduction to Open Source Technologies-php,Mysql [Core Courses]
- Software Engineering- I [Core Courses]
- Professional Communication for Recruitment and Employability [Communication Skills]
- Values and Ethics for Personal and Professional Development [Behavioural Science]
- Foreign Business Language
- Open Elective Courses
- Outdoor Activity Based Courses

Semester 5
- E-governance [Specialisation Elective Courses]
- Fundamental of Cloud Computing & Enterprise [Specialisation Elective Courses]
- Fundamentals of Digital Marketing [Specialisation Elective Courses]
- Image Processing [Specialisation Elective Courses]
- Introduction to Enterprise Resource Planning [Specialisation Elective Courses]
- IT Project Management [Specialisation Elective Courses]
- Summer Internship - I [Non Teaching Credit Courses]
- Java Programming [Core Courses]
- Unix Operating System and Shell Programming [Core Courses]
- Professional Ethics and Social Responsibility [Professional Ethics]
- Foreign Business Language
- Open Elective Courses
- Outdoor Activity Based Courses

Semester 6
- Animation and Gaming [Specialisation Elective Courses]

- Fundamentals of E-commerce [Specialisation Elective Courses]
- Fundamentals of Network Security [Specialisation Elective Courses]
- Introduction to Mobile Computing [Specialisation Elective Courses]
- Matlab Programming [Specialisation Elective Courses]
- Multimedia Technologies [Specialisation Elective Courses]
- Object Oriented Analysis and Design [Specialisation Elective Courses]
- Python Programming [Specialisation Elective Courses]
- Software Testing Techniques [Specialisation Elective Courses]
- Visual .Net Technologies [Specialisation Elective Courses]
- Web Technologies and Applications [Specialisation Elective Courses]
- Independent Study and Research [Non Teaching Credit Courses]
- Major Project [Non Teaching Credit Courses]
- Data Warehousing and Mining [Core Courses]
- Country Report [SAP Courses (Optional)]
- Fundamentals of Research Methods in Global Environment [SAP Courses (Optional)]
- Leadership in Global Environment [SAP Courses (Optional)]
- Social Communication [Communication Skills]
- Stress and Coping Strategies [Behavioural Science]
- Foreign Business Language
- Open Elective Courses
- Outdoor Activity Based Courses