

BCA

Program Code 10048

Campus : Noida

Institute: Amity Institute of Information Technology

University: Amity University Uttar Pradesh

Eligibility : 10+2 (min 50%) with Maths / Computer Sc. / Informatics Practice / Computer Applications / Multimedia & Web Technology / Data Management Application / Web Application

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 0.90

1st Year Sponsored Semester Fee 1.35

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Course Structure

Semester 1

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

Semester 2

- Computer Architecture and Assembly Language [Core Courses]
- Computer Communications and Networking [Core Courses]
- Data Structures Using C [Core Courses]
- Operating System Concepts [Core Courses]
- Software Engineering and Modeling [Core 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]
- Animation and Gaming [Core Courses]
- Introduction to Data Base Management Systems [Core Courses]
- Introduction to Open Source Technologies-php,mysql [Core Courses]
- Object Oriented Programming Using C++ [Core Courses]
- Communication Skills - II [Communication Skills]
- Foreign Business Language
- Open Elective Courses
- Outdoor Activity Based Courses

Semester 4

- Cyber and Information Security [Specialisation Elective Courses]
- Elementary Algorithms [Specialisation Elective Courses]
- Introduction to Open Source Technologies-php,mysql [Specialisation Elective Courses]
- IT Project Management [Specialisation Elective Courses]
- Python Programming [Specialisation Elective Courses]
- Visual .Net Technologies [Specialisation Elective Courses]
- Accounting Fundamentals [Core Courses]
- Computer Oriented Statistical and Optimization Methods [Core Courses]
- Unix Operating System and Shell Programming [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

- CSS Framework [Specialisation Elective Courses]
- Human Computer Interaction [Specialisation Elective Courses]
- Image Processing [Specialisation Elective Courses]
- Introduction to e-Governance [Specialisation Elective Courses]
- Introduction to Enterprise Resource Planning [Specialisation Elective Courses]
- Matlab Programming [Specialisation Elective Courses]
- Object Oriented Analysis and Design [Specialisation Elective Courses]
- Summer Internship [Non Teaching Credit Courses]
- Java Programming [Core Courses]
- Software Engineering- II [Core Courses]
- Professional Ethics and Social Responsibility [Professional Ethics]
- Receptive and Expressive Communication Skills [Communication Skills]
- Group Dynamics and Team Building [Behavioural Science]
- Foreign Business Language
- Open Elective Courses
- Outdoor Activity Based Courses

Semester 6

- Animation and Gaming [Specialisation Elective Courses]
- Data Warehousing and Mining [Specialisation Elective Courses]
- Fundamentals of Digital Marketing [Specialisation Elective Courses]
- Fundamentals of E-commerce [Specialisation Elective Courses]
- Fundamentals of Network Security [Specialisation Elective Courses]
- Introduction to Mobile Computing [Specialisation Elective Courses]
- Multimedia Technologies [Specialisation Elective Courses]
- Software Testing Techniques [Specialisation Elective Courses]
- Web Technologies and Applications [Specialisation Elective Courses]
- Independent Study and Research [Non Teaching Credit Courses]
- Major Project [Non Teaching Credit Courses]
- Social Communication [Communication Skills]
- Stress and Coping Strategies [Behavioural Science]
- Foreign Business Language
- Open Elective Courses
- Outdoor Activity Based Courses