

NEPAL INFORMATION TECHNOLOGY [NIT]

OVERSEAS STUDY CENTRE OF IGNOU

OSC: 9604

BACHELOR OF COMPUTER APPLICATIONS (BCA) PROGRAM

Bachelor of Computer Applications (BCA) is a 3 year program. The basic objective of the programme is to open a channel of admission for computing courses for students, who have done the 10+2 or its equivalent and are interested in taking **IT** as a career. After acquiring the Bachelor's Degree at IGNOU, there is further educational opportunity to go for MCA at IGNOU or Master's programme at any other University/Institute.

ADMISSION

Admission to the Programme, BCA can be done twice a year per IGNOU schedule. Academic year is divided into two semesters which are January-to-June and July-to-December.

ELIGIBILITY FOR ADMISSION

Any 10+2 graduate or its equivalent is eligible to study this course.

PROGRAM DETAILS: Credits/Lab/Structure

Total number of courses is 39 and total number of credits is 99. Each credit is worth 30 hours.

70% attendance is compulsory for each lab course. Every student should prepare lab record for each lab course.

1st Semester

Course Code	Course Title	Credit
FEG-02	Foundation course in English-2	4
ECO-01	Business organization	4
BCS-011	Computer Basics and PC Software	3
BCS-012	Mathematics	4
BCSL-013	Computer Basics and PC Software Lab	2

2nd Semester

Course Code	Course Title	Credit
ECO-02	Accountancy-I	4
MCS-011	Problem Solving and Programming	3
MCS-012	Computer organization and Assembly Language Programming	4
MCS-015	Communication Skills	2

MCS-013	Discrete Mathematics	2
BCSL-021	C Language Programming Lab	1
BCSL-022	Assembly Language Programming Lab	1

3rd Semester

Course Code	Course Title	Credit
MCS-021	Data and File Structures	4
MCS-023	Introduction to Database Management Systems	3
MCS-014	System Analysis and Design	3
BCS-031	Programming in C++	3
BCSL-032	C++ Programming Lab	1
BCSL-033	Data and File Structures Lab	1
BCSL-034	DBMS Lab	1

4th Semester

Course Code	Course Title	Credit
BCS-40	Statistical Techniques	4
MCS-024	Object oriented Technologies and Java Programming	3
BCS-041	Fundamentals of Computer Networks	4
BCS-042	Introduction to Algorithm Design	2
MCSL-016	Internet Concepts and Web Design	2
BCSL-044	Statistical Techniques Lab	1
BCSL-045	Algorithm Design Lab	1
BCSL-043	Java Programming Lab	1

5th Semester

Course Code	Course Title	Credit
BCS-051	Introduction to Software Engineering	3
BCS-052	Network Programming and Administration	3
BCS-053	Web Programming	2
BCS-054	Computer oriented Numerical Techniques	3
BCS-055	Business Communication	2
BCSL-056	Network Programming and Administration Lab	1
BCSL-057	Web Programming Lab	1
BCSL-058	Computer oriented Numerical Techniques Lab	1

6th Semester

Course Code	Course Title	Credit
BCS-062	E-Commerce	2
MCS-022	Operating System Concepts and Networking Management	4
BCSL-063	Operating System Concepts and Networking Management Lab	1
BCSP-064	Project	8

EXAMINATIONS AND EVALUATION SYSTEM

IGNOU Exams are held twice every year in the months of June and December. Examinations are conducted by through NIT under the supervision of the Embassy of India, Kathmandu.

The evaluation system of the IGNOU programs is based on two components.

a) Assignments (weightage: 25%):

There is a system of continuous evaluation of IGNOU programs in the form of assignments. Viva-voce is compulsory for all the assignments for which 20 marks is allocated.

There will be only one assignment per course worth 100 marks (weightage 25%) except for FEG-02, ECO-01 and ECO-02.

b) Term-End Examination (weightage: 75%):

Term-end exams will be held twice every year in the months of June and December. The students are at the liberty to appear in any of the examinations conducted by the University during the year.

REQUIREMENTS FOR ADMISSION:

1. Two self -attested copies of each of the following documents*

- i. Transcript/Pass and Character Certificates of
 - SLC/ grade 10
 - Intermediate /+2
- ii. Citizenship / Passport

2. Photograph (Recent)

- i. 45 mm X 35 mm - 1 copy
- ii. 30 mm X 40 mm - 3 copies

***Candidates are required to bring their original certificates in time of submitting their application forms.**

