

Bachelor of Computer Applications (BCA)

The basic objective of the programme is to open a channel of admission for computing courses for students, who have done the 10+2 and are interested in taking computing as a career. After acquiring the Bachelors Degree (BCA) at IGNOU, there is a further educational opportunity to go for an MCA at IGNOU or Masters programme at other Universities.

Benefits

With the Core Courses (Operating System, Computer Networks, Databases, Data Structures, etc), we are also teaching some Professional Courses like :

- * Java, JSP, DHTML, ASP
- * Windows NT
- * UNIX (Linux)
- * Oracle
- * MS Access
- * Assembly Language Programming
- * C / C++

Our Students are placed in top IT companies.

Admissions

Admission announcements are issued in May/June session for July session.

Duration of the Programme
(Minimum - 3 Years, Maximum - 6 Years)

To fulfil the requirements for acquiring the BCA, a student may clear all the courses in three years. If a student fails to clear all the requirement of courses in three years s/he may be permitted to stretch it over a period of another 3 years. In case the student is unable to pass all the courses of BCA programme in 6 years, the student may be permitted to stretch it for another two years. In such cases, the student has to seek readmission as per 'Re-admission' rules and pay the requisite fee. Please refer to Form No. 8 for further information on Re-admission.

You may contact the Regional Centre for further information about the same. But, you are advised to pass all the courses successfully in 3 years.

The facilities for counseling and practicals, will, however, not automatically be extended after first semester of study for BCA 1st, 2nd and 3rd years. Practical sessions in subsequent years are at the discretion of the University and subject to payment for the same.

Programme Structure

The programme structure for BCA is:

I - SEMESTER

Course	Course Title	Credits
CS-610	Foundation Course in English for Computing	4
FHS-01	Foundation Course in Humanities and Social Sciences	8
CS-611	Computer Fundamentals and PC Software	4

II - SEMESTER

Course	Course Title	Credits
CS-612	PC Software Application Skills	4
CS-60	Foundation Course in Mathematics and Computing	8
CS-62	'C' Programming & Data Structure	4

III - SEMESTER

Course	Course Title	Credits
FST	Foundation Course in Science and Technology	8
CS-63	Introduction to System Software	4
CS-05	Elements of System Analysis and Design	4

IV - SEMESTER

Course	Course Title	Credits
CS-06	Introduction to DBMS	4
CS-64	Introduction to Computer Organization	4
CS-65	Window Programming	2
CS-66	Multimedia	2
CS-67	RDBMS Lab	4

V - SEMESTER

Course	Course Title	Credits
CS-68	Computer Networks	4
CS-69	TCP/IP Programming	4
CS-70	Introduction to Software Engineering	4

CS-72	Computer Oriented Numerical Techniques	4
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VI - SEMESTER

Course	Course Title	Credits
CS-72	C++ and Object Oriented Programming	4
CS-73	Theory of Computer Science	4
CS-74	Introduction to Internet Programming (Java, ActiveX)	2
CS-75	Intranet Administration	2
CS-76	Project	4