

EXAM SYLLABUS

IGNOU BCA_NEW Syllabus 2024-2025: Subjects, Structure & Study Guide

7 subjects · 19 topics

IGNOU BCA_NEW Syllabus 2024-2025: Comprehensive guide to subjects, course structure, important topics, and recommended books for BCA students at IGNOU.

WHAT TO STUDY FIRST

Begin with foundational subjects like 'Computer Basics and PC Software' (BCS-111) and 'Fundamentals of Computer Networks' (BCS-041) to build a strong base. Prioritize topics that appear in multiple semesters or are explicitly mentioned as core, such as Data Structures, Algorithms, and Object-Oriented Programming. Utilize IGNOU's provided study materials and past papers to understand the exam pattern and focus areas.

EXAM PATTERN

Mixed

Bachelor of Computer Applications (BCA_NEW) - Term End Examinations

Marking: Evaluation includes assignments (e.g., 30%) and Term End Examinations (e.g., 70%). Passing requires a minimum of 35% in each head and 40% aggregate. For 100-mark papers, 40 marks are needed to pass; for 50-mark papers, 20 marks are needed.

Negative: Not explicitly mentioned.

Term End Theory Examinations

180 min

Descriptive, Objective (for some papers like BEVAE-181)

Term End Practical Examinations

Analytical questions and programming problems, Viva-voce may be included.

Assignments (Internal Assessment)

Written submissions based on course content.

- Program duration: 3 years (min), 6 years (max).
- Total credits: 120.
- Medium of instruction: English.
- Mode of study: Open and Distance Learning (ODL).
- Includes theory and practical examinations.
- Minimum 70% attendance required for practical counseling sessions to be eligible for practical exams.

SUBJECT-WISE SYLLABUS

01 Semester I

2 topics · N/A

RECOMMENDED BOOKS

— BCS-111: Computer Basics and PC Software - IGNOU Material

- 1 Computer Basics and PC Software (BCS-111)
- 2 Environmental Studies (BEVAE-181)

02 Semester II

1 topics · N/A

RECOMMENDED BOOKS

— FEG-02: Foundation Course in English-2 - IGNOU Material

- 1 Foundation Course in English-2 (FEG-02)

03 Semester III

1 topics · N/A

RECOMMENDED BOOKS

— MCS-208: Data Structures and Algorithms - IGNOU Material

- 1 Data Structures and Algorithms (MCS-208)

04 Semester IV

3 topics · N/A

RECOMMENDED BOOKS

— MCS-206: Object Oriented Programming using Java - IGNOU Material

- 1 Object Oriented Programming using Java (MCS-206)
- 2 Fundamentals of Computer Networks (BCS-041)
- 3 Introduction to Algorithm Design (BCS-042)

05 Semester V

2 topics · N/A

RECOMMENDED BOOKS

— BCS-151: Introduction to Software Engineering - IGNOU Material

- 1 Introduction to Software Engineering (BCS-151)
- 2 Web Programming (BCS-053)

06 Semester VI

2 topics · N/A

RECOMMENDED BOOKS

— BCOS-185: Entrepreneurship - IGNOU Material

- 1 Entrepreneurship (BCOS-185)
- 2 Project Work (BCSP-064)

07 Core Computer Science Courses

8 topics · High

RECOMMENDED BOOKS

— IGNOU BCA Study Material

— Previous Year Question Papers

- 1 Computer Basics and PC Software (BCS-111)
 - 2 Fundamentals of Computer Networks (BCS-041)
 - 3 Introduction to Algorithm Design (BCS-042)
 - 4 Data Structures and Algorithms (MCS-208)
 - 5 Object Oriented Programming using Java (MCS-206)
 - 6 Web Programming (BCS-053)
 - 7 Operating Systems (MCS-203)
 - 8 Introduction to Software Engineering (BCS-151)
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7 subject(s), 19 topics listed above. Verify critical details with the official exam notification before applying.