

Introduction to Bachelor of Computer Application (BCA)

Why? Who?
What? Where?



Why BCA?

The Bachelor of Computer Application (BCA) programme equips graduates with all the skills and knowledge necessary to work as effective and responsible software professionals in the fast changing modern organisational environment.

Who should pursue a BCA degree?

Any student who:

- Is a problem solver
- Is proficient in mathematics
- Has logical reasoning skills
- Has quantitative aptitude
- Has leadership skills

Career in BCA:

- Software Engineer
- Software Consultant
- Network Engineer
- Database Administrator
- Test Engineer
- System Analyst
- Programmer
- Quality Assurance Engineer
- Technical Support Engineer



Did you know? The most complex reservation system called “SABRE” was created by IBM for American Airlines in the late 1950s and early 1960s!

Best colleges for BCA in:

India

- Acharya Institute of Management and Sciences (AIMS)-Bengaluru
- Satya Institute of Media and Management- Lucknow

USA

- Massachusetts Institute of Technology
- Stanford University
- University of California

UK

- University of Cambridge
- University of Oxford
- Imperial College of London

Singapore

- National University of Singapore
- Nanyang Technological University
- Singapore University of Technology and Design

Canada

- University of Toronto
- McGill University
- University of British Columbia

HAPPY
Discovering

What are the prospects after studying this subject? Does it open up international opportunities?
Answer these and other such questions by reading and watching expert views at www.university.com/courses

University 
Discover & be discovered

Discover the Career Options Right for You

1 Initial Options



What are your career ideas?

If you haven't already given it a thought, then base it on influences from:

- Parents, family and friends
- Passion towards a subject
- Personal experiences
- Media and internet

Univariety probes and provides answers

Initial Options

Go to step 2

Instructions

- Follow this process, one at a time, to finalise career choices
- If the answer is 'No' at any stage then start from stage 1
- Do in-depth self research
- Complete details of this process and the questions around a 'Typical Day' Test are at www.univariety.com/courses

2 Hypothesis



Do you like it?

Remember the activities from the past which gave you joy and happiness. Does this career option similarly excite you?

Initial Hypothesis



Can you do it?

- Do you know how long it takes to get the degree?
- Do you like the subjects which you will study?
- Can you perform to get through to good colleges?
- Do you have the financial resources to support the degree?

Final Hypothesis

Go to step 3

3 Validation



Do you want it?

Do you like the:

- Nature of work you will do?
- Type of people you will deal with?
- Physical and mental effort required?
- The challenge it poses?



Will it fulfill your and your family's ambitions?

Will this give you a good:

- Lifestyle?
- Time with family and friends?
- Salary and money potential?
- Possibility of being famous?

Validated Hypothesis

Go to step 4

4 Finalisation



'Typical Day' Test?

"If you want to know the road ahead, then ask someone who has travelled it."

- Ancient Chinese Proverb

Here, we ask you to identify 2 - 3 people who have the same career that you have chosen and brought to this stage. Observe and ask questions to understand the 'typical life' in that career



Decision

Tools

- Discussion within the family and friends
- Univariety Website – Career Section
- Sessions with Univariety Counsellors
- Internet, books and other media