



YOU

BE THE START OF SOMETHING

BCA | BBS

TRIBHUVAN UNIVERSITY AFFILIATE

PROPOSED PROGRAMS

BSC(CSIT) | BBM | BSW | MBS

 **AADIM**
National SS/College

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Introduction

AADIM NATIONAL COLLEGE is one of the finest urban colleges in Nepal established in 2071 located at prime location of Kathmandu a walking distance from ring road. AADIM NATIONAL COLLEGE imparts the best available +2 program as per the curriculum and syllabus designed by National Examination Board (NEB), in Management, Humanities and Law. At the undergraduate level, the college offers 4 years 8 semesters BCA (Bachelor of Computer Application) & BBS (Bachelor of Business Studies) degrees affiliated to TRIBHUVAN UNIVERSITY. Moreover, the college is going to Launch BSc(CSIT), BIM, BIT, BBM, BSW, and MBS program in near future.

At AADIM NATIONAL COLLEGE, we recognize that higher education is a sound investment in your future. Whether you want to gain an edge in the job market, enhance your promotion prospects or even chart a completely new career direction, we can help you to achieve your ambitions. What all these programs have in common is high-quality, up-to-date content and excellent teaching, underpinned by robust links with employers and enterprising partnerships with different industries. We focus on the key skills that employers need in the workplace, paving the way for our students to advance in sustainable, well-paid careers.

You will be taught by enthusiastic faculty with vast experience in their fields. You will also benefit from Professional training and internship in different industry across the nation or abroad.

Mission

ANC is welcoming, engaged, and committed to innovation and excellence in education, research, creative activity and community partnerships. It dares to be different and draws on its diversity to transform the individual, strengthen society and enrich the world.

Vision

AANC's vision is to rank among Nepal's top comprehensive colleges within the next 5 years, and to be a first choice for students and faculty locally, across Nepal.



*I'm glad
I made the decision
to come to college.
My lecturers here
were amazing; they
believed in me and
challenged me to go
further.*



BCA

Bachelor of Computer Application

Bachelor in Computer Application (BCA) is an undergraduate degree course in computer applications. With the rapid growth of IT industry in Nepal, the demand of computer professional is increasing day by day. This increasing growth of IT industry has created a lot of opportunities for the computer graduates. Bachelor in Computer Application (BCA) is one of the popular courses among the students who want to make their career in the IT (Information Technology) field. The duration of the course is 4 years and divided into 8 semesters. It comprises of the subjects like database, networking, data structure, core programming languages like 'C' and 'java'. This course provides a lot of opportunities to the students who are interested in computer field and wants to work in the IT sector as programmer or software developer.

Objective

The objective of the BCA program at the Faculty of Humanities and Social Sciences of Tribhuvan University is to produce high quality computer application users and developers.

Eligibility for Admission

The candidate applying for BCA program must have:

- Successfully completed a twelve-year schooling or equivalent from any University, Board or Institution recognized by Tribhuvan University.
- Secured a minimum of second division (45%) or minimum C grade in all subjects in the twelve-year schooling or equivalent.
- Secured minimum CGPA 2.0.

Course Structure

Admission Criteria

Candidates who pass the entrance exam taken by university will be interviewed and the selected candidate from interview will be eligible for admission.

| S.N. | Course Title | Credit Hrs. |
|------|--------------------------------------|-------------|
| 1. | Computer Application (Core Courses) | 71 |
| 2. | Elective Courses | 12 |
| 3. | Mathematics & Statistics Courses | 9 |
| 4. | Language Courses | 6 |
| 5. | Social Sciences & Management Courses | 15 |
| 6. | Projects & Internships | 13 |
| | Total | 126 |



BBS (Bachelor of Business Studies)

BBS level (Bachelor of Business Studies) is one of the well recognized TU-affiliated 4-years academic program which lays a strong foundation in required areas of business such as Economic Analysis of the business world, language, legal environment, quantitative methods and research methods to prepare graduates to understand, analyze and comprehend the management concepts, theories and practices. In order to provide graduates with significant degree of functional expertise, this program also provides opportunity to concentrate on one area of specialization such as accounting, finance, management science, human resource management and marketing. After completion of this level, BBS graduates will be able to develop necessary foundation for further higher studies in management and thereafter take up careers in teaching, research and consultancy.

Objectives

- ▶ Equip the students with the required conceptual knowledge of business and administration to develop a general management perspective in them.
- ▶ Develop required attitudes, abilities and practical skill in students, which constitute a foundation for their growth into competent and responsible business managers.
- ▶ Encourage entrepreneurial capabilities in students to make them effective change agents in the Nepalese society.
- ▶ Develop necessary foundation for higher studies in management and thereafter take up careers in teaching, research and consultancy.

FIRST SEMESTER

| S.N. | Course Code | Course Title | Credit Hrs. |
|-------|-------------|--------------------------------------|-------------|
| 1. | CACS101 | Computer Fundamentals & Applications | 4 |
| 2. | CASO102 | Society & Technology | 3 |
| 3. | CAEN103 | English I | 3 |
| 4. | CAMT104 | Mathematics I | 3 |
| 5. | CACS105 | Digital Logic | 3 |
| Total | | | 16 |

SECOND SEMESTER

| S.N. | Course Code | Course Title | Credit Hrs. |
|-------|-------------|--|-------------|
| 1. | CACS151 | C Programming | 4 |
| 2. | CACS151 | Financial Accounting | 3 |
| 3. | CAEN153 | English II | 3 |
| 4. | CAMT154 | Mathematics II | 3 |
| 5. | CACS155 | Microprocessor and Computer Architecture | 3 |
| Total | | | 16 |

THIRD SEMESTER

| S.N. | Course Code | Course Title | Credit Hrs. |
|-------|-------------|-----------------------------|-------------|
| 1. | CACS201 | Data Structure & Algorithms | 3 |
| 2. | CAST202 | Probability and Statistics | 3 |
| 3. | CACS203 | System Analysis and Design | 3 |
| 4. | CACS204 | OOP in Java | 3 |
| 5. | CACS205 | Web Technology | 3 |
| Total | | | 15 |

FOURTH SEMESTER

| S.N. | Course Code | Course Title | Credit Hrs. |
|-------|-------------|----------------------------|-------------|
| 1. | CACS251 | Operating System | 3 |
| 2. | CACS252 | Numerical Methods | 3 |
| 3. | CACS253 | Software Engineering | 3 |
| 4. | CACS254 | Scripting Language | 3 |
| 5. | CACS255 | Database Management System | 3 |
| 6. | CACS255 | Project I | 2 |
| Total | | | 17 |

FIFTH SEMESTER

| S.N. | Course Code | Course Title | Credit Hrs. |
|-------|-------------|---------------------------------|-------------|
| 1. | CASC301 | MIS and e-Business | 3 |
| 2. | CASC302 | DotNet Technology | 3 |
| 3. | CASC303 | Computer Networking | 3 |
| 4. | CAMG304 | Introduction to Management | 3 |
| 5. | CASC305 | Computer Graphics and Animation | 3 |
| Total | | | 15 |

SIXTH SEMESTER

| S.N. | Course Code | Course Title | Credit Hrs. |
|-------|-------------|---------------------------|-------------|
| 1. | CACS351 | Mobile Programming | 3 |
| 2. | CACS352 | Distributed System | 3 |
| 3. | CAC353 | Applied Economics | 3 |
| 4. | CACS354 | Advanced Java Programming | 3 |
| 5. | CACS355 | Network Programming | 3 |
| 6. | CAPJ356 | Project II | 2 |
| Total | | | 17 |

SEVENTH SEMESTER

| S.N. | Course Code | Course Title | Credit Hrs. |
|-------|-------------|---------------------------------|-------------|
| 1. | CACS401 | Cyber Law & Professional Ethics | 3 |
| 2. | CACS402 | Cloud Computing | 3 |
| 3. | CAIN403 | Internship | 3 |
| 4. | | Elective I | 3 |
| 5. | | Elective II | 3 |
| Total | | | 15 |

EIGHT SEMESTER

| S.N. | Course Code | Course Title | Credit Hrs. |
|-------|-------------|---------------------|-------------|
| 1. | CAOR451 | Operations Research | 3 |
| 2. | CAPJ452 | Project III | 6 |
| 3. | | Elective III | 3 |
| 4. | | Elective IV | 3 |
| Total | | | 15 |