



NATIONAL COLLEGE OF COMPUTER STUDIES

BIM

BHM

BSc.CSIT

BBM

BCA

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BIM



BHM



BSc.CSIT



BBM



BCA

Message from the Principal

Dear Students, Parents & Guardians

Welcome to National College of Computer Studies (NCCS). NCCS centrally located at Paknajol, Kathmandu is affiliated to the Tribhuvan University (T.U.) for Bachelor of Information Management (BIM), Bachelor of Hotel Management (BHM), Bachelors of Science in Computer Science & Information Technology (BSc.CSIT), Bachelor of Business Management (BBM) and Bachelor of Computer Application (BCA) with the aim of achieving excellence.

Our fundamental purpose is to provide outstanding educational programs in a safe, well-equipped, good teaching and learning and peaceful environment. Throughout the education period in NCCS regular follow-up of the students' progress will be observed as well as the individual attention will be given. And we provide them the opportunities to explore, be challenged & become connected with caring & dedicated educators.

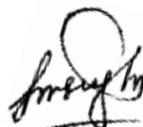
We at NCCS are blessed with latest and wonderful facilities however it is what takes place within these walls, in the classrooms & throughout the complex that makes NCCS a special place. We strive to continue to develop new programs and incorporate new techniques that will better prepare our students for the country & the abroad.

NCCS provides a superior education, as students gain a true appreciation of the value of learning, the academic skills and knowledge needed for future success, and the opportunities of developing leadership and dynamic personality. Our graduates will have acquired the characteristics needed for a successful post graduate career and happy productive life.

From the very inception of NCCS, our aim was to equip our students with the best possible high quality education from our well qualified, experienced & dedicated teachers. And our past experiences & achievements have proved that all-round development of a student is what it counts at the end. Our students have achieved excellence not only in the academic field but equally in extra-curricular activities, to promote such multi-dimension we have made all our efforts to equip the complex with all the necessary facilities.

We are excited about the opportunities we have for learning & working together in order to benefit our students at NCCS. We believe that students' education is shared responsibility of college & home. I cordially invite all the parents and guardians to visit our college often and be an active participant in your ward's education. Together we can do it.

Lastly I would like to thank you for your interest in NCCS & would like to wish you all best.
Thank you !



Ganeshman Singh Basnyat
Principal





Introduction

National College of Computer Studies (NCCS), college of IT and Management, is a highly professional and experienced college based in Kathmandu which was established in 1999. It comprises of multit talented professionals considered among the best in the industry. It educates all students, not only to face the challenges of the fast-moving industry but also to perform exceedingly well. NCCS is fully dedicated in providing university curriculum to students. It is affiliated with Nepal's oldest and prestigious Tribhuvan University. In this regard it is conducting four years Bachelor of Information Management program, four years Bachelor of Hotel Management Program, four years Bachelor of Science in Computer Science and Information Technology, four years of Bachelor of Business Management and four years of Bachelor of Computer Application.



NCCS is truly an institution on the move, committed towards excellence in the field of education. Focusing in the field of Information Technology & Management, NCCS provides a best opportunity for the students to have all-round development. Its surplus extra-curricular activities, games and participation in inter college events bring forth all the talents of the young minds to take the challenges of this century to stand as the best in every aspect of the life.

Vision & Mission

A literate society with a purpose, a progressive society with ideas and a conscious society working towards establishing a better and brighter future for all.

To achieve our Vision, we will work diligently in the field of education to impart upon eager minds the tools, skills, knowledge and solutions required for visible and rapid progress in our society.

Objectives

NCCS aims to become a center of learning for young students who are determined to meet the challenges posed by the increasing pace of the scientific advancements and mobilization. NCCS not only knowing what and how but making students self-confident, self-disciplined and self-reliant by stressing value education, social work, counseling, career guidance, leadership training and other extracurricular activities has been the major focus at NCCS.

Location

At present NCCS is situated at the heart of the city in its own land expanding in 5 ropanis at Paknajok, Kathmandu. The location is easily reachable from any part of the valley. This area is already growing out as an educational sector with Tribhuvan University affiliated colleges and Nepal Government schools. NCCS will add to its identity. The College Management Committee is committed in expanding the College in much broad area outside the ring road for its campus complex as its future plan.



Infrastructure & Environment

NCCS's complex is well equipped for imparting quality education and overall growth of the students with separate blocks/buildings for administration, education, sports and students' hostel. All these complexes are well furnished and equipped with modern services required by the college for teaching and learning. NCCS believes in the saying "queenly care and royal jelly makes the queen bee" thus we focus on giving best possible educational environment to our students.



Facilities

Be All rounder at NCCS

Its belief in "all-round development makes efficient product" has initiated NCCS to install different sporting sites within its own complex which includes both indoor and outdoor games. Basketball, cricket, pool, table-tennis are few to be mentioned here. Elocution, public speaking, group-discussion, debate and seminars held within the complex will lead the student to be a step ahead among other competitors in any aspect of their life.

High-tech Hotel Management & Cozy computer lab

Specialized training kitchens and restaurants, bakery and confectionery labs, housekeeping lab and training guest room facilities, front office lab, computer lab with latest technology, audio visual facilities etc.

Library at home and college

We are more ahead of others by following closely with today's technology. NCCS offers both online and traditional library with rich resources of information. Logon and access the resources from anywhere on its website or borrow a book from the library.

Innovation is what matters

"Research and development leads to innovation"— that is what our students are capable of. In the research wing of the students', students utilize their knowledge gathered to be the leaders.

NCCS on-line

NCCS provides collaborative platform for students to easily manage activities and work together effectively by communicating ideas and sharing information.

Cafeteria

No need to worry! If you need to rush to the college, NCCS has cafeteria within its complex where you can subside your hunger and take a rest for a moment enjoying your food.







Bachelor of Information Management [BIM]

Objectives

The management faculty at NCCS launched the Bachelor in Information Management (BIM) program with a mission to develop socially responsible, scientific approached, result oriented information technology (IT) professionals. The BIM program is designed to equip graduates with the skills and attributes required to be effective and efficient information technology professionals. This program develops the skills that are essential for both computer professionals and IT managers.

The specific objectives of the program are to:

1. Prepare IT professionals proficient in the use of computers and computational techniques in order to develop effective information systems to solve real life problems in the organizational milieu.
2. Develop students skill in object-oriented software design methods and data management systems.
3. Provide professional training to students by combining information technology with managerial skills.
4. Prepare students to proceed on to post graduate level study in information management within and outside the country.

Eligibility Condition for Admission

The candidate applying for BIM program must have:

1. Successfully completed a twelve-year schooling or equivalent from any University, Board or Institution recognized by Tribhuvan University.
2. Secured a minimum of second division in the twelve-year schooling or equivalent.
3. Complied with all the application procedures.

FIRST SEMESTER

IT 231	Foundation of Information Technology	3
IT 232	C Programming	3
ENG 206	English I	3
MGT 231	Foundation of Business Management	3
MTH 204	Basic Mathematics	3

SECOND SEMESTER

IT 233	Digital Logic	3
IT 234	Object Oriented Programming with Java	3
IT 235	Discrete Structure	3
ENG 203	Business Communications	3
MGT 241	Organizational Behavior & Human Resource Management	3

THIRD SEMESTER

IT 236	Microprocessor and Computer Architecture	3
IT 237	Web Technology I	3
IT 238	Data Structure and Algorithms	3
ACC 201	Financial Accounting	3
STT 201	Business Statistics	3

FOURTH SEMESTER

IT 239	Web Technology II	3
IT 220	Database Management System	3
IT 240	Business Data Communication and Networking	3
IT 241	Operating System	3
ECO 206	Economics for Business	3
ACC 202	Cost and Management Accounting	3

FIFTH SEMESTER

IT 242	Software Design and Development	3
IT 243	Programming with Python	3
IT 244	Information Security	3
IT 228	Artificial Intelligence	3
MKT 201	Fundamentals of Marketing	3

SIXTH SEMESTER

IT 245	Business Information Systems	3
IT 246	IT Ethics and Cybersecurity	3
IT 352	Project	3
FIN 229	Fundamentals of Corporate Finance	3
MGT 236	Business Environment	3
RCH 201	Business Research Methods	3

SEVENTH SEMESTER

IT 247	E-Commerce and Internet Marketing	3
Elective I		3
SOC 203	Sociology for Business Management	3
MGT 205	Operations Management	3
MGT 240	Strategic Management	3

EIGHT SEMESTER

IT 248	IT Entrepreneurship and Management	3
IT 249	Business Intelligence	3
IT 250	Digital Economy	3
IT 350	Internship	3
Elective II		3

ELECTIVES

IT 271	Networking and System Administration (7th)	3
IT 272	Mobile Application Development (7th)	3
IT 273	Multimedia System Application (7th)	3
IT 274	Data Warehousing and Data Mining (7th)	3
IT 275	.NET Programming (8th)	3
IT 276	Database Administration (8th)	3
IT 277	Cloud Computing (8th)	3
IT 278	Big Data and Analytics (8th)	3

Industrial Attachment Project

Students during the Eighth Semester shall be attached to organizations where they have to work for a period of eight weeks. Each student shall prepare an individual report in the prescribed format based on his or her work in the respective organization assigned to him/her. Evaluation of the industrial attachment shall be based on the project report. The report must be submitted by the end of the Eighth Semester. Students must secure a grade 'C' in the industrial attachment project. The industrial attachment project report shall carry a value equivalent to 3 credit hours.



Bachelor of Hotel Management [BHM]

Objectives

Upon successful completion of Bachelor's Program in Hotel Management (BHM), the students will get transformed into service-minded specialists for hotel, restaurant and tourism industry. Graduates with developed entrepreneurial spirit will be able to develop applicable problem solving methods in practical situations. Furthermore they will be able to process ideas on a theoretical level and apply this knowledge independently and creatively in different situations related to hotel business. The aim of the programme is that the graduates have the necessary qualifications for supervisory, managerial, consulting, planning and development positions in the international hotel industry.

Eligibility Condition for Admission

Successfully completed 10+2 or equivalent examination in any academic stream with a minimum of 45 percent aggregate marks from HSEB or any other board recognized by Tribhuvan University with English as a compulsory subject.

Admission Procedure

Candidates seeking admission to BHM course should apply in the prescribed form for entrance test within the stipulated time. The applicants should enclose with the application form, attested copies of:

1. Certificate and testimonials of all examinations passed.
2. Equivalency, Transfer and Character Certificates.
3. Two recent passport size photographs.
4. Must have secured 40% marks in CMAT conducted by T.U.

Graduation Requirements

The BHM program extends over eight semesters (4 Years). The BHM degree is awarded on its successful completion. All candidates for the BHM degree must fulfill the following requirements:

1. Successful completion of 126 credit hours
2. Successful completion of industrial Release Programme and Project Work.





FIRST SEMESTER

ENG 311	English	3
MGT 311	Principles of Management	3
BHM 301	Food Production and Patisserie I	3
BHM 311	Food and Beverage Service I	3
BHM 321	Housekeeping Operation	3

SECOND SEMESTER

ENG 203	Business Communication	3
BHM 324	Hotel Accounting	3
BHM 302	Food Production and Patisserie II	3
BHM 312	Food and Beverage Service II	3
BHM 322	Housekeeping Management	3

THIRD SEMESTER

BHM 323	Food Science and Nutrition	3
ACC 311	Cost and Management Accountancy	3
BHM 303	Food Production and Patisserie III	3
BHM 313	Food and Beverage Service III	3
BHM 319	Front Office Operations I	3

FOURTH SEMESTER

MGT 314	Human Resources Management	3
FIM 311	Financial Management	3
BHM 325	Food Production Management	3
BHM 326	Food and Beverage Management	3
BHM 320	Front Office Management	3

FIFTH SEMESTER

BHM 330	Hospitality Marketing and Sales	3
STT 311	Statistics	3
ECO 311	Economics	3
BHM 331	Fundamentals of Tourism	3
BHM 327	Facility Planning and Management	3
MIS 311	Management Information System	3

SIXTH SEMESTER

BHM 401	Industry Exposure	15
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SEVENTH SEMESTER

BHM 402	Industry Exposure	9
BHM 403	Project Work	3
BHM 404	Internship Report	3

EIGHT SEMESTER

BHM 328	Legal Environment for Hospitality	3
MGT 313	Organization Behavior	3
MGT 312	Strategic Management	3
BHM 329	Entrepreneurship for Hospitality	3
SOC 202	Nepalese Society & Politics	3
Elective Course (Any one of the following)		3
BHM 450	Cultural Resources of Tourism in Nepal	
BHM 451	Quality Management	



Bachelor of Science in Computer Science and Information Technology [BSc. CSIT]

Objectives

Bachelor of Science in Computer Science and Information Technology (BSc.CSIT), affiliated to T.U. is the course composition of 4 years IT and computer science. For fulfilling the need of the job market in the field of IT profession, many elective courses have been also introduced. The program comprises computer science and allied courses of 126 credit hours.

The program involves, in addition to conventional lectures, a great deal of practical and project works. The program develops the underlying principles of both Computer Science and Information Technology and shows how these principles can be applied to real world problems.

The main aim of BSc.CSIT program is :

1. To offer intensive knowledge in the theory, design, programming and application of computers.
2. To provide necessary knowledge in the field of functional knowledge of hardware system and the necessary knowledge of computer software system.

Eligibility Condition for Admission

The candidate applying for BSc.CSIT program must have:

1. Successfully completed twelve-years schooling/PCL in science or its equivalent from any University, board or institution recognized by Tribhuvan University.
2. Applicants are required to appear in the entrance test conducted by Institute of Science and Technology, Tribhuvan University (ISOT-TU) and should secure at least 35% marks in order to be eligible.
3. Must secure at least second division in the 10+2, PCL or equivalent program. Compiled with all the application procedures.

FRESHMAN YEAR / FIRST SEMESTER

CSC114	Introduction to Information Technology	3
CSC115	C Programming	3
CSC116	Digital Logic	3
MTH117	Mathematics I	3
PHY118	Physics	3

FRESHMAN YEAR / SECOND SEMESTER

CSC165	Discrete Structure	3
CSC166	Object Oriented Programming	3
CSC167	Microprocessor	3
MTH168	Mathematics II	3
STA169	Statistics I	3

SOPHOMORE YEAR/ THIRD SEMESTER

CSC211	Data Structure and Algorithms	3
CSC212	Numerical Method	3
CSC213	Computer Architecture	3
CSC214	Computer Graphics	3
STA215	Statistics II	3

SOPHOMORE YEAR/ FOURTH SEMESTER

CSC262	Theory of Computation	3
CSC263	Computer Networks	3
CSC264	Operating Systems	3
CSC265	Database Management System	3
CSC266	Artificial Intelligence	3

JUNIOR YEAR / FIFTH SEMESTER:

CSC325	Design and Analysis of Algorithms	3
CSC326	System Analysis and Design	3
CSC327	Cryptography	3
CSC328	Simulation and Modeling	3
CSC329	Web Technology	3
Elective I (Any one of the following)		3
CSC330	Multimedia Computing	
CSC331	Wireless Networking	
CSC332	Image Processing	
CSC333	Knowledge Management	
CSC334	Society and Ethics in Information Technology	
CSC335	Microprocessor Based Design	

JUNIOR YEAR/ SIXTH SEMESTER:

CSC375	Software Engineering	3
CSC376	Compiler Design and Construction	3
CSC377	E-Governance	3
CSC378	NET Centric Computing	3
CSC379	Technical Writing	3
Elective II (Any one of the following)		3
CSC380	Applied Logic	
CSC381	E-commerce	
CSC382	Automation and Robotics	
CSC383	Neural Networks	
CSC384	Computer Hardware Design	
CSC385	Cognitive Science	

SENIOR YEAR/ SEVENTH SEMESTER:

CSC419	Advanced Java Programming	3
CSC420	Data Warehousing and Data Mining	3
MGT421	Principles of Management	3
CSC422	Project Work	3
Elective III (Any one of the following)		3
CSC423	Information Retrieval	
CSC424	Database Administration	
CSC425	Software Project Management	
CSC426	Network Security	
CSC427	Digital System Design	
MGT428	International Marketing	

SENIOR YEAR/EIGHTH SEMESTER

CSC475	Advanced Database	3
CSC476	Internship	6
Elective IV (Any one of the following)		3
Elective V (Any one of the following)		3
CSC477	Advanced Networking with IPV6	
CSC478	Distributed Networking	
CSC479	Game Technology	
CSC480	Distributed and Object Oriented Database	
CSC481	Introduction to Cloud Computing	
CSC482	Geographical Information System	
CSC483	Decision Support System and Expert System	
CSC484	Mobile Application Development	
CSC485	Real Time Systems	
CSC486	Network and System Administration	
CSC487	Embedded Systems Programming	
MGT488	International Business Management	



Bachelor of Business Management [BBM]

Objectives

The BBM program of Faculty of Management, Tribhuvan University is designed for aspiring business leaders and managers of the future. The BBM graduates are equipped with the necessary knowledge, skills and self-confidence to assist in effective and successful management, within constantly changing and highly competitive national and global business environment. This course has been designed with the objective of producing middle-level managerial manpower in the sectoral areas.

The program is designed with the following objectives:

1. Develop students' skills in creative thinking, decision making, leadership, communication and gain understanding of operations and change.
2. Develop students' understanding of entrepreneurship and innovation, and effective management of business operations in a dynamic business environment.
3. Prepare students for professional life to work as business manager and entrepreneur.

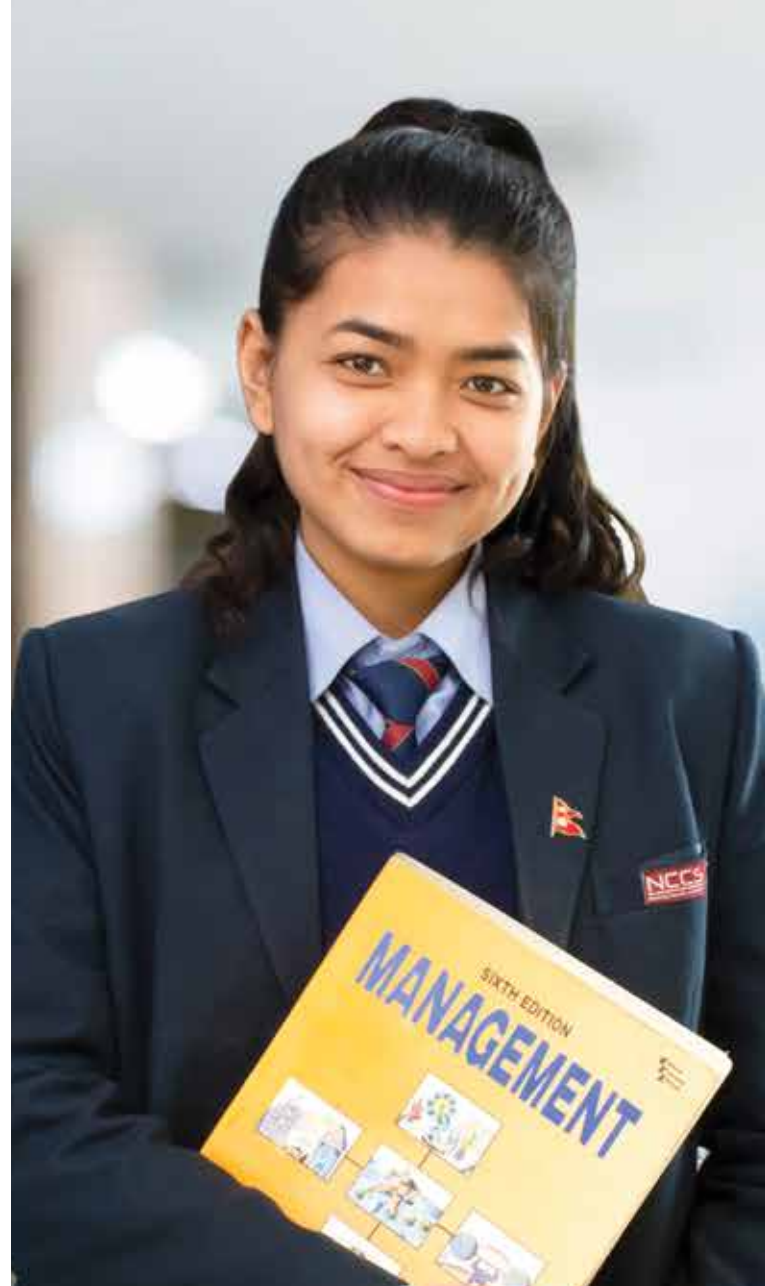
Admission Procedure

Students applying for the BBM program must fill in the application form with all details of their personal information and past academic records. The selection of students shall be based on a three-stage screening process that includes written test, individual presentation and personal interview.

FOM shall conduct a Central Management Admission Test (CMAT) that will test the basic ability of the students in verbal ability and quantitative ability. The test shall be based on the SAT format. The colleges running the program shall conduct the individual presentations and interviews for selecting suitable candidates. The admission committee of the colleges has the final authority in selecting the students for the BBM program.

Eligibility Condition for Admission

Students from all the faculty are eligible to get admission for the BBM program. Students with minimum 45% or 1.8 CGPA in 10+2 are eligible for the admission.



FIRST SEMESTER

ECO 203	Microeconomics for Business	3
ENG 201	English- I	3
MGT 231	Foundation of Business Management	3
MTH 201	Business Mathematics I	3
SOC 203	Sociology for Business Management	3

SECOND SEMESTER

ACC 201	Financial Accounting	3
ECO 204	Macroeconomics for Business	2
ECO 205	Seminar on Contemporary Issues of Macro Economics I	1
ENG 202	English -II	3
MTH 202	Business Mathematics -II	3
MGT 232	Leadership and Organizational Behavior	2
MGT 233	Seminar on Leadership & Organizational Behavior	1

THIRD SEMESTER

ACC 202	Cost & Management Accounting	3
ENG 203	Business Communication	3
FIN 206	Fundamentals of Finance	3
SOC 204	Nepalese History and Politics	3
STT 201	Business Statistics	3

FOURTH SEMESTER

MGT 234	Legal Environment for Business in Nepal	3
FIN 207	Financial Management	3
PSY 202	Psychology	3
ACC 204	Taxation and Auditing	3
RCH 201	Business Research Methods	3

FIFTH SEMESTER

MKT 201	Fundamentals of Marketing	3
MGT 205	Operations Management	3
FIN 208	Financial Markets & Services	3
IT 231	IT and Application	3
	Focus Area Course I	3

SIXTH SEMESTER:

IT 232	Database Management System	3
MGT 236	Business Environment	3
MGT 237	Entrepreneurship & Business Resource Mapping	2
MGT 238	Practicum on Business Plan	1
	Focus Area Course II	3

SEVENTH SEMESTER:

	Elective Course I	3
	Focus Area Course III	3
	Focus Area Course IV	3
IT 204	E-commerce	3
MGT 239	Business Ethics and Corporate Governance	3

EIGHTH SEMESTER

MGT 240	Strategic Management	3
	Elective Course II	3
	Elective Course III	3
	Focus Area Course V	3
	Project Report Writing/ Internship with Report	6



Focus Area Courses: 15 Credit Hours

Focus Area (FA): Bank Operations and Cooperative Management (5 Courses)

BNK 211	Banking Law
BNK 212	Wholesale and Retail Banking
BNK 214	Commercial Banking Operations
BNK 215	Capital and Money Markets
BNK 216	Treasury Management
BNK 217	Cooperative Management
BNK 218	Micro Finance and Rural Banking
BNK 219	Investment Banking
BNK 220	Security Analysis and Profit Management

Focus Area (FA): Sales and Marketing (5 Courses)

MKM 201	Consumer Behavior
MKM 214	Sales Force Management
MKM 209	Retail Marketing
MKM 215	Industrial Marketing
MKM 216	Rural Marketing
MKM 212	Branding
MKM 211	Internet Marketing
MKM 204	Services Marketing
MKT 217	Fundamentals of Advertising
MKM 210	Marketing Research

Focus Area (FA): Insurance and Risk Management (5 Courses)

INS 219	Fundamentals of Risk and Insurance
ISN 212	Insurance Broking and Bancassurance
INS 220	Property Risk Management
ISN 214	Commercial Liability Risk Management
INS 221	Life Insurance
INS 222	Nonlife Insurance
ISN 217	Global Trade and Marine Insurance
ISN 218	Micro Insurance
BNK 202	Financial Derivatives

Focus Area: Entrepreneurship and Enterprise Development (5 Courses)

MEM 205	Social Entrepreneurship
EED 218	Small Business Planning & Management
EED 219	Innovation and Technology Management
EED 214	Entrepreneurial Marketing
EED 220	Micro-finance & Cooperatives
EED 221	Project Planning & Management
EED 222	Design Thinking & Entrepreneurial Skills Management

Focus Area Accounting

ACS 201	Taxation in Nepal
ACS 202	Accounting for Banking
ACS 203	Corporate Accounting
ACS 204	Budgeting
ACS 205	Corporate Auditing
ACS 206	Accounting for Business
ACS 207	Accounting for Insurance
ACS 208	Accounting for Financial Analysis

Electives: 9 Credit hours (Three Courses)

ELE 221	Emerging Global Business Issues
ELE 223	Management of Foreign Trade
ELE 224	Organizational Development and Change
ELE 225	Budgeting and Financial Forecasting
ELE 226	Event Management
ELE 227	Service Operations Management
ELE 228	Labor Relations Management
ELE 242	Negotiation Skills
ELE 243	Real estate Management
MGT 350	Internship Or PRJ 351 Summer Project



Bachelor of Computer Application [BCA]

Objectives

Bachelors in Computer Application (BCA) is an Information Technology based career that awards the undergraduate degree in Computer Applications. This program provides a sound academic base for an advanced career in computer application. It is a 4 years (8 semesters) degree. This 4 years program in Computer Application has been started with an objective to produce qualified computer software developers having wide range of knowledge in the technical field. Students learn to solve computer based problems of different types of business and industries.

The program is designed with the following objectives:

1. To produce professionals in the field of computer application as programmer and software developers.
2. To provide knowledge about various tools and techniques used in software development.
3. To provide students with both practical and theoretical aspect of studies related to computer applications.
4. To enhance the skill of students to create solutions of technical problems that arises in industrial, commercial as well as in government companies.
5. To provide students a fine base to continue their studies further in MIT, MBA, MCA, etc.

Eligibility Condition for Admission

Students from all the faculty are eligible to get admission for the BCA program. PCL or 10+2 passed with minimum 2 CGPA (not less than D+ in single Subject) are eligible for the admission.

FIRST SEMESTER

CACS101	Computer Fundamentals & Applications	4
CASO102	Society & Technology	3
COEN103	English I	3
CAMT104	Mathematics I	3
CACS105	Digital Logic	3

SECOND SEMESTER

CACS151	C Programming	4
CAAC152	Financial Accounting	3
CAEN153	English II	3
CAMT154	Mathematics II	3
CACS155	Micro Processor and Computer Architecture	3

THIRD SEMESTER

CACS201	Data Structures & Algorithms	3
CAST202	Probability and Statistics	3
CACS203	System Analysis and Design	3
CACS204	OOP in Java	3
CACS205	Web Technology	3

FOURTH SEMESTER

CACS251	Operating System	3
CACS252	Numerical Methods	3
CACS253	Software Engineering	3
CACS254	Scripting Language	3
CACS255	Database Management System	3
CAPJ256	Project I	2

FIFTH SEMESTER

CACS301	MIS and e-Business	3
CACS302	DotNet Technology	3
CACS303	Computer Networking	3
CAMG304	Introduction to Management	3
CACS305	Computer Graphics and Animation	3

SIXTH SEMESTER

CACS351	Mobile Programming	3
CAEC352	Distributed System	3
CAEC353	Applied Economics	3
CACS354	Advanced Java Programming	3
CACS355	Network Programming	3
CAPJ356	Project II	2

SEVENTH SEMESTER

CACS401	Cyber Law & Professional Ethics	3
CACS402	Cloud Computing	3
CAIN403	Internships	3
	Elective I	3
	Elective II	3

EIGHT SEMESTER

CAOR451	Operations Research	3
CAPJ452	Project III	6
	Elective III	3
	Elective IV	3

Elective Subjects for VII Semester

CACS404	Image Processing
CACS405	Database Administration
CACS406	Network Administration
CACS407	Software Project Management
CACS408	Advanced Dot Net Technology
CACS409	E-Governance
CACS410	Artificial Intelligence

Elective Subjects for VIII Semester

CACS453	Database Programming
CACS454	Geographical Information System
CACS455	Data Analysis and Visualization
CACS456	Machine Learning
CACS457	Multimedia System
CACS458	Knowledge Engineering
CACS459	Information Security
CACS460	Internet of Things



Rules & Regulations

- 1 Every student must bring their ID card and at the time of requirement they should show it. ID cards must be returned back after the completion of the program.
- 2 Student entering late in class/lab will be considered absent for the day.
- 3 Students are not allowed to leave the college premises during study hours.
- 4 College dress code is to be strictly maintained, it gives the symbolic code for educational instruction thus failing to do so; a student may not be allowed to enter the college premises.
- 5 Misuse/Mishandling of the college property will result in replacement of the same as well as fines.
- 6 Use of library & borrowing of books should be followed as per the library rules. Library books should be returned on time in proper condition.
- 7 Students are strictly prohibited to play games during the lab time and while using Internet they are strictly prohibited to browse prohibited sites.
- 8 Students should be on time at theory and lab classes and should spend full time in the class.
- 9 A student must have 80% attendance in a semester to be eligible to appear in the final examination conducted by TU. Student coming short will be subjected to non-qualified. Such student will be allowed to sit for the exam only in case of valid reason for his/her absence; a written application duly signed by parent/guardian/prescription of the doctor must be submitted immediately.
- 10 Fees must be cleared timely; failing to do so will result in fines as well as suspension of the student.
- 11 A student should maintain a high level of discipline at all times. Smoking/alcohol consumption/use of narcotic drugs is strictly prohibited within the college premises. If any student is found in such condition, student will be expelled from the college.
- 12 In case of student's withdrawal from the college, a written application regarding the same must be submitted. There will be no refunding of the fees except the security deposit which will be released without any added interest. Fee structure is subject to change with a prior notice.
- 13 The classes will not be stopped without the prior notice of NCCS administration except under some unavoidable circumstances.
- 14 In case of leave, prior written application must be given to the NCCS administration.
- 15 Every student has full right to fill up the evaluation sheet. The matters filled on the evaluation sheet will be taken as a suggestion for our improvement. The comments will be kept strictly confidential.
- 16 The college reserves the right to modify, eliminate or formulate any norms at any given time in the future.



Benefits For Students

- 1 Provides a learning environment that is safe and free of prejudice and discrimination.
- 2 Develops critical thinking and effective information processing skills provides opportunities for student interaction and decision making
- 3 Motivates through involvement in high - quality projects
- 4 Encourages the expression of ideas, the solving of problems and communicating on a national and international basis
- 5 Develops confidence to explore, adapt and shape technological understanding and skills
- 6 Provides opportunities for learning new technologies
- 7 Encourages collaboration and group activities
- 8 Builds bridges between IT & Management
- 9 Makes connections between classroom lessons and real-world application
- 10 College promotes on team work thus revealing glamour & excitement of competition with priority on building self esteem
- 11 Teaches creativity and problem solving
- 12 Recognizes achievement and contribution at every level
- 13 Hands-on application that increases the relevance of academic knowledge



What our students say



It had only been six months of study and NCCS today feels like a second home to me. A peaceful and well equipped study environment, teachers' infinite support and dedicated management which turned me from an average student to a topper. What else can a student expect for? Thanking everyone for everything and hoping this success to continue!

Nimesh Chhetri
TU Topper 1st Position [BIM 1st Sem 2005]



I would like to give grateful thanks to all the stakeholders of NCCS family and co-operative teachers and supportive friends for providing such an excellent environment. It is obvious the result of outstanding management practice and excellent teachers so that we can be able to visualize the proper direction to meet successful career ahead.

Dinesh Sapkota
TU Topper 1st Position [BIM 5th , 6th , 7th Sem 2008-2011]



I am very glad to , because gave me the best opportunity to grow my knowledge & carrier by providing the more friendly and learning environment. The library facility, staff members & faculty members are well at NCCS.

Prakash Raj Paudel
TU Topper 1st Position [BIM 4th ,5th ,7th ,8th Sem 2007-2010]



Being NCCSian is one of my best part of my life. Thanking NCCS for what you have done to me. All my gratitude goes to the NCCS management and teacher without whom I would not be what I am today. So do join NCCS and feel the difference yourself.

Sabin Bajracharya
TU Topper 1st Position [BIM 1st , 2nd ,3rd , 4th ,6th ,7th ,8th Sem 2006-2009]



I'm feeling like I've achieved a mammoth success, I can ever achieve in my life. The credit to my achievement all goes to our respected teachers and the management of the college, who believed in me more than I believe myself. And co-operated me throughout the semester whenever I encountered any difficulties.

Sadiksha Nepal
TU Topper 1st Position [BIM 1st , 2nd ,3rd , 4th ,6th ,7th ,8th Sem 2005-2008]



Being at has been seen a wonderful experience so far. Studying in class, brain-storming, working in groups, launch in canteen etc are some of the unforgettable moment at NCCS. The support from the Management and as well as the staffs has been incredible for our learning environment. At NCCS, we learn everyday, every hour and every minute to transform ourselves into true potential life. I feel privilege to be part of NCCS.

Nujana Manandhar
TU Topper 1st Position [BIM 1st , 3rd , 4th Sem 2009-2011]



Hard work is the key to success. Equally important is the presence of co-operative environment which favours the achievement of one's goal. My sincere thanks to all the teachers and administration of NCCS for their constant support and dedication which has made possible for me to be able to stand where I am today. I am glad to be a part of NCCS family.

Archana Tuladhar
TU Topper 1st Position [BIM 2 Sem 2008]



I have regarded my time at NCCS as "prolific" period. Resourceful yet friendly group of teachers with disciplinary environment and an outstanding management has me NCCS a golden platform for me to demonstrate my potentials. So I'd like to thank NCCS for helping me to get the best out of me. I feel proud to be a part of NCCS family. Cheers!

Punit Man Shrestha
TU Topper 1st Position [BIM 1st Sem 2010]



I would like to thank the NCCS team for providing the friendly and disciplined environment to study and doing practical. Behind my success and position each and every NCCS team played a great role. I am proud to be the part of NCCS family.

Nitesh Thapa
TU Topper 1st Position [BHM 1st, 3rd Sem 2011-2012]



I am proud to be NCCSian. NCCS has let me know my true potentialities and helped in the overall development of my personality. The best part at NCCS is the learning environment and cooperative teaches.

Manish Shrestha
TU Topper 1st Position [BHM 1st Sem 2012]



First let me clear the doubt, "NCCS" is an abbreviation of "The best pathway to higher education", which is focused on relevant and qualitative education. I have found that the faculty member of NCCS are outstanding and the teaching methods they apply have transformed me from an ordinary boy to challenging boy. I must thank NCCS for helping me to realize my dream and leading me towards the brighter world of innovation and technology. From my ewak experience, I would not be wrong if I say NCCS is a small package with tremendous qualities. Thank to Him and NCCS for resolving the hindrances of my journey.

Ankit Agarwal
BSc.CSIT 2012



All the thanks to NCCS that believes in quality & productive education & for glancing the students like me to realize their portenality and for providing me to be a part of NCCS. Special thanks to the NCCS family. The time that I,ve spend here at NCCS are all my precious moments and are all what that will cherish me for the whole of my life. "Long live NCCS, Long live its fame"

Sonica Manandhar
TU Topper 1st Position [BHM 2nd Sem 2013]



It has been great experience to be a part of NCCS family. Calling oneself NCCSian makes me feel proud. I would like to thank NCCS management, my teachers and discipline for bringing out best of me.

Rashala Karmacharya
TU Topper 1st Position [BIM 2nd Sem 2013]



Bigger the challenges, bigger the opportunity. What best is known about NCCS is its excellence in education and its discipline. The thought of being NCCS Student is really admirable. It is bound with certain rules and regulation which are strict but are essential to develop discipline within students and administration. Supportive and qualified teachers, good educational environment, proper management and skill developing criteria are the assets that influence the students to join NCCS for their better future. It was wonderful experience for me to be part of NCCS family.

Japanika Maharjan
TU Topper 2nd Position [BSc.CSIT 2nd Sem 2014]



NCCS gave me a global and balanced perspective. I have a dream. The connection between class room lessons and real-world application is helping to make my dream a reality. The environment at NCCS to explore, adapt and shape skill is the formula for success.

Amit Shrestha
NCCS Topper 1st Position [BSc.CSIT 1st Semester 2014]



Without NCCS, none of my success would have been possible. NCCS has been successful to add more goodness to my identity. It has not only made me better student but also a much confident and disciplined person. I would like to thank NCCS for infinite support, invaluable guidance and of course, such a wonderful friends. It has been an amazing years in NCCS, where I learned that learning can be fun as well. I feel so much blessed to be NCCSian.

Roshnee Pradhan
TU Topper 1st Position [BIM 1st Sem 2015]



I am very proud to be a part of NCCS. It helped me to know my actual potentialities. Everyone is not perfect but trying to be perfect is another story. All the teachers, friends and entire NCCS Family I'm grateful to them as they try to give me a "Brick" to build my "Wall". At last, I would recommend NCCS to visualize the difference.

Santosh Khatri
TU Topper 1st position [BHM 1st, 4th Sem 2014-2015]



My experience so far at NCCS was excellent. Thanks to NCCS family for providing wonderful environment encouragement and for the support during NCCS journey which favors the achievement of one's goal. What advice do I have for students who are planning to join graduate education? Come, join NCCS family and feel proud to be NCCSian. Cheers!

Alina Shahi
TU Topper 1st Position [BIM 8th Sem 2016]



Well its my fortune to be part of NCCS college. NCCS has always forwarded the environment that helped me explore myself and upgrade myself from an average student to a student with competitive benefits. For this I would really wanna thank entire NCCS family and NCCS will always remain a family for me. Beside this hardwork, honesty and self-confidence are success keys for everyone. So, "believe in yourself, never give up and just go with the flow."

Aashir Manandhar
TU Topper 1st Position [BHM 6th Sem 2017]



My sincere thanks to all teachers as well as administration for their constant support and dedication. I am able to stand where I am today as a proud and successful student all due to the opportunities and resources that NCCS offers. I feel very grateful to call myself NCCSian.

Dipesh Aryal
NCCS Topper 1st Position [BSc.CSIT 1st Sem 2016]



I choose NCCS to fulfill the gap between high school and career and as I look back, I know that I made the best possible decision. Besides my course of study, I learnt about the competitive world from being in NCCS. Thank you NCCS, for being a reliable platform suited for all kind of students.

Nabin Dhakal
NCCS Topper 1st Position [BSc.CSIT 4th Sem 2017]



NCCS has been a wonderful platform to work on my dreams and achieve success. I would like to thank NCCS and all our teachers for providing us with a plethora of opportunities, resources as well as friendly and workable environment. Thank you for making me ready to thrive in the competitive world and to achieve all my goals and dreams.

Sanjaya Rai
NCCS Topper 1st Position [BSc.CSIT 2nd, 3rd, 5th, 7th Sem 2016 - 2018]



Well, it's been a wonderful experience in NCCS as NCCS has let me know my true potential and helped in the overall development of myself and my personality. I would like to thank all the stakeholders of NCCS for providing a friendlier and co-operative environment to phosphor the knowledge of all the NCCSians. So, I am very proud and fell very privilege to be a part of NCCS.

Krisha Maharjan
TU Topper 1st Position [BIM 4th Sem 2018]



I would like to thank NCCS for providing me a platform, where I could develop my skills and enhance my technological abilities. All the years I've spent here shall forever be worthwhile and I shall always cherish the moments I have spent with my teachers and friends. I would also like to thank all my teachers for all the care and guidance they have provided me and all my friends for all the support I could ever have ask for.

Subhechhya Tuladhar
NCCS Topper 1st Position [BSc.CSIT 3rd, 4th Sem 2018]



I believe my capabilities would not have been recognized if NCCS would not have helped me cherish them. I sincerely thank NCCS for helping me find my potential in bringing out the best of me. I have not been such a person who knew my potential but with the help of my teachers I've learnt to bring out my skills though every way possible.

Lastly, I would take this opportunity to thank the entire NCCS family for everything they have done for me

Sagar Shrestha
TU Topper 1st Position [BHM 2nd Sem 2018]



Joining NCCS is probably one of the best decisions I have made regarding my career. I can't express in word the privilege & joy of being a part of this wonderful family. NCCS strives for excellence & it is clearly reflected through the outputs produced by this college. NCCS has brought out the best in me which I honestly doubt would be left unexplored if I have joined somewhere else. I would like to thank the entire NCCS family for guiding me & developing me & making me competent to face any obstacles that may arise in my journey.

Bikash Thapa
TU Topper 1st Position [BHM 4th Sem 2018]

Beyond University Education

School

A literate society with a purpose, a progressive society with ideas and a conscious society working towards establishing a better and brighter future for all. With this mission statement in mind National Creative Co-educational School (NCCS) aims to make the students understand the meaning of education and induce them to read and learn the subjects in a most pleasant, social and homely atmosphere, by the virtue of which they become successful citizens of the country, willing to devote their skills and knowledge for the betterment of motherland and their co-citizens. Education is provided in a stimulating, challenging but caring atmosphere by the selected expert and friendly teachers. "Achievement for all through the pursuit of excellence" is our motto. As the saying goes "Upon the education of the people of this country the fate of this country depends", we look forward towards the similar goal. Our aim is to make our students self sustained, independent, capable and moral citizens of our country.



Higher Secondary Education

NCCS Higher Secondary School (NCCS HSS) is truly an institution on the move. It is affiliated with the Higher Secondary Education Board (HSEB) and is committed to excellence in the field of education. NCCS HSS makes all the latest technologies and resources available to its students and the teachers so as to reach highest educational goals. We at NCCS HSS invite aspiring youngsters to join this vital and challenging academic community where the strength of our faculty and the ability of the young minds come together to create a bright future of the enrolled students. Its surplus extracurricular activities, games and participation in inter college events bring forth all the talents of the young minds to take the challenges of this century to stand as the best in every aspect of life.



Software Development

The other department of National College of Computer Studies is NCCS Software which is an IT consulting and software development wing dedicated to business success through long-term relationships with our clients and staffs. NCCS Software has alliances with US, Canada and Finland based organizations and has been processing data, developing software, web sites and providing other services in latest technologies and platforms. The association with these organizations have provided a cutting edge experience and know how to maintain the international standard. NCCS Software's client relationships are based on delivering the highest quality professional technology consulting and development services. NCCS Software's project portfolio rests on a solid foundation of quality full lifecycle software development project deliveries. Yet the scope of our business is diverse, covering topics and services including Web based application development, Client/ Server application development, strategic planning, systems integration, web and print design, computer-based training and marketing. NCCS Software's projects vary in scope and complexity, from short one- or two-week projects to multi-year enterprise engagements.



A QUALITY CERTIFIED INSTITUTION
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