2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

https://www.dscasc.edu.in/images/iqac/pdf/261.pdf

Course details: https://www.dscasc.edu.in/bca/bca-course

BCA Syllabus: https://www.dscasc.edu.in/bca/bca-syllabus



Weblink **:** https://www.dscasc.edu.in/mca/mca-course

Program Outcomes: https://www.dscasc.edu.in/images/MCA/syllabus/Sy20.pdf

COURSE OUTCOMES (CO)

A Bachelor of Science (B. Sc.- PCM) degree is offered across a range of Physics, Chemistry and Mathematics. As its name suggests, this degree focuses on fundamental science. The courses for the PCM program highlights on making the students understand the structural and functional basis of the world. The program primes the students to higher learning in physical, mathematical and chemical sciences and contribute to the prosperity of the society.

CO1, Scientific knowledge:

Apply the knowledge of science and its disciplines to solve the complex scientific problems.

CO2, Problem analysis:

Identify, formulate and analyse complex scientific problems reaching corroborated conclusions using science principles.

CO3, Design/improvement of solutions:

Define and resolve various critical issues related with public health, safety, cultural, Societal and environmental issues in the benefit of mankind.

CO4, Conduct investigations of complex problems:

Use research based methods including design of experiments, analysis and interpretation of data to rational decisions.

CO5, Modern tool aid:

Create, select, and apply appropriate techniques, resources, and modern aid and IT tools including prediction and modelling complex scientific activities with an understanding of limitations.

CO6, The science and society:

Apply the reasoning within the contextual knowledge to serve the society in all horizon such as education, medicines, environment and industry with their latest update of scientific temperament.

CO7, Environment and sustainability:

Understand the impact of the scientific solutions in the societal and environmental contexts, and prove the knowledge of, and the need for sustainable developments.

CO 8, Communication:

Communicate effectively on complex scientific activities with the science community and with society .

B. Sc. PROGRAM SPECIFIC OUTCOMES

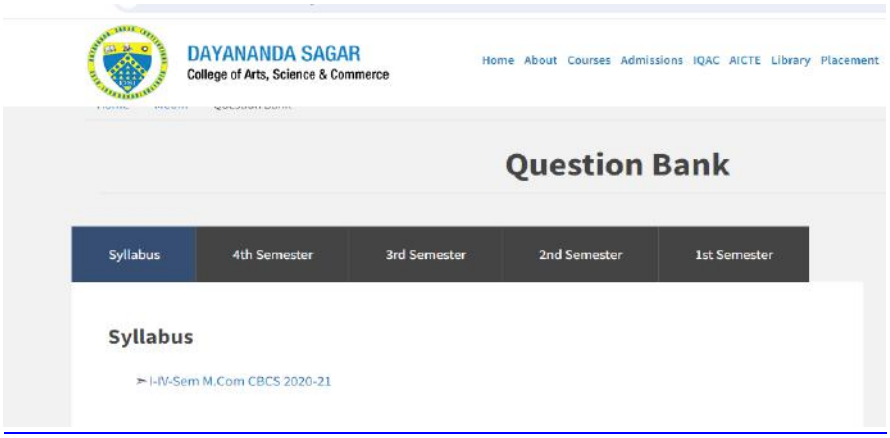
Physics: The department of physics provides high quality physics education, producing well prepared B. Sc. graduates who are confident in their abilities and understanding of physics. It also promotes research and creative activities of students by providing exposure to the realm of physical science and technical expertise.

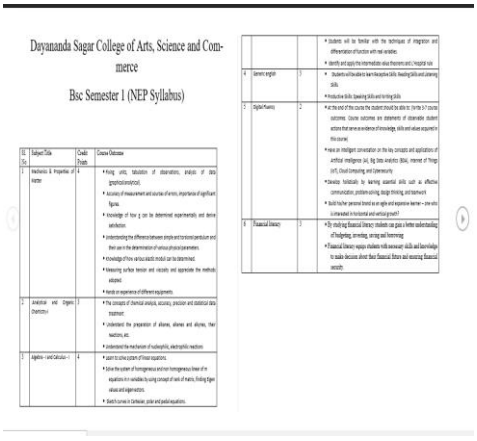
Chemistry: The department of Chemistry helps in connecting problems in the fundamental nature of matter to the most complex problems in the processes of life, including medicine and graduate study, and are also to meet the high demand in the energy fields like renewable energy.

Mathematics: The department of Mathematics helps the students to get a deeper knowledge of advanced mathematics through a vast preference of subjects such as geometry, calculus, algebra, number theory, dynamical systems, differential equations, etc. The students become more skilled and focused in a particular subject after the degree program. In the practical class, students learn to collect big data and analyze them with the help of different tools and methods.

2.6.1 Qlm Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Weblink :
https://www.dscasc.edu.in/images/MCom/Question/syllabus21.pdf
Program Outcomes: https://www.dscasc.edu.in/MCom/mcom-about





Dayananda Sagar College of Arts, Science and Commerce

BBA Semester 1 (NEP Syllabus)

Sl. No	Subject Title	Credit Points	Course Outcome
1	Management /Innovation	4	• Enhance their knowledge and skills which are essential for success in management careers. • Understand the concepts related to Business Management. • Adapt to the changing opportunities. • Understand management information systems in practice • Understand the role of Artificial Intelligence in Business Decisions.
2	Fundamentals of Accountancy	4	• Understand the basic Concepts of Accounting. • Pass Journal Entries and Prepare Ledger Accounts. • Prepare Subsidiary Books. • Prepare Trial Balance and Final Accounts of Proprietary concern. • Use Accounting Concepts in Spreadsheet.
3	Marketing Management	4	• Understand the Concepts and Functions of Marketing. • Analyse Marketing Environment its Impact on the Business. • Understand the Consumer Behaviour • Describe Marketing Mix and also strategize Marketing Mix • Describe Service Marketing Mix. • Use the Technology in Market Survey and Collection of Data. • Understand the Various Acts Related to Marketing.
4	Digital Fluency	2	• Understand the Fundamentals of computers. • Work in Word Processor effectively. • Discover the arena of the Internet and its possibilities. • Effectively communicate through email
5	Spreadsheet for Business	2	• Understand the basic concepts of Spreadsheet • Summarize data using Functions • Apply Conditions using formulas and Functions • Implement Basic financial Concepts in Spreadsheet
6	Business Organization	3	• Understand the nature, objectives and social responsibilities of business. • Acquire the ability to describe the different forms of organizations. • Understand the basic concepts of management. • Understand the functions of management. • Understand the different types of business combinations
7	Office Organization and Management	3	• Understand the basic knowledge of office organization and management • Demonstrate skills in effective office organization • Demonstrate the ability to maintain office records. • Demonstrate the ability to maintain digital records. • Understand the different types of organization structures and responsibilities as future office managers.
8	Tourism and Travel Management	3	• Understand the fundamental concept of Tourism. • Overview of the Tourism products and resources of India. • Understand the basic concept and various components of Tourism management. • Understand the Functions and Types of Travel Agents and Tour Operators. • Familiarize the concept of Transport and Accommodation.
9	Event Management	3	• Understand the process of organizing an event. • Understand the importance of a checklist in organizing an event. • Familiarize with organizing corporate events • Obtain a sense of responsibility for the multidisciplinary nature of event management. • Learn to promote the events.

DAYANANDA SAGAR COLLEGE OF ARTS SCIENCE AND COMMERCE

Bsc (CBCS) 2019-2023

1 Semester

Bsc Semester 1 (CBCSSyllabus)

Sl. No	Subject Title	Credit Point	Course Outcome
1	MECHANICS – 1 , HEAT AND THERMODYNAMICS – 1		• Restate defination of system, surrounding, closed and open system, extensive and intensive properties. • Calculate absolute and gage pressure, and absolute temperature. • Calculate changes in kinetic, potential, enthalpy and internal energy. • Course Outcomes are specific and measurable statements that define the knowledge, skills, and attitudes learners will demonstrate by the completion of a course.
2	Inorganic and Organic Chemistry		• Predict and explain patterns in shape, structure, bonding, hybridization, formal charge, stability, acidity, basicity, solubility, and reactivity for hydrocarbons, halocarbons, alkenes, dienes, and arenes, by understanding and applying concepts of organic chemical structure and bonding and stability. • To develop the ability to correlate the chemical and physical properties of elements and their compounds with their positions in the periodic table. To establish the link between theory and laboratory practice by conducting laboratory experiments.
3	ALGEBRA – I, CALCULUS – I and GEOMETRY		• Upon successful completion of this course, students will: Solve tangent and area problems using the concepts of limits, derivatives, and integrals. Draw graphs of algebraic and transcendental functions
			considering limits, continuity, and differentiability at a point. • Collect like terms and simplify expressions term by term. Multiply out brackets. Simplify some formulas. Solve simple linear equations. • Understand geometrical terminology for angles, triangles, quadrilaterals and circles. Measure angles using a protractor. Use geometrical results to determine unknown angles.
4	Generic english		Reading ,listening and speaking skills
5	Environment and public health		Apply the basic concepts and fundamentals of environmental health sciences and key environmental health issues. Develop the risk assessment concepts and make decisions about the environmental health issues. Develop skills in analyzing, sensitizing and managing the community about environmental health issues.