

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the web link)

The Program Outcomes are published at:

- i. Departmental files:
- ii. College Website: www.macscollege.in or www.nagpuruniversity.in
- iii. Lab Manual
- iv. Department Laboratory

Biology:

- Students will be able to define and explain major concepts in the biological sciences.
- Student will be able to correctly use biological instrumentation and proper laboratory techniques.
- Students will be able to communicate biological knowledge in oral and written form.
- Students will be able to explain and apply the scientific method including designing and conducting experiments and testing hypotheses.
- Student will be able to recognize the relationship between structure and function at all levels: molecular, cellular, and organismal.
- Student will be able to demonstrate the ability to read, understand, and critically review scientific information.
- Student will be able to demonstrate ethical conduct in scientific activities.

Physics:

1. The student will demonstrate a scientific knowledge of the core physics principles in Mechanics, Electromagnetism, Modern Physics, and Optics.
2. The student will determine the appropriate level of technology for use in: a) experimental design and implementation, b) analysis of experimental data, and c) numerical and mathematical methods in problem solutions.
3. The student will effectively communicate their knowledge of physics from basic concepts to specific detailed presentations through a variety of oral, written, and computational modalities.
4. The student will demonstrate a purposeful knowledge of scientific literature and ethical issues related to physics

Mathematics:

- Demonstrate basic manipulative skills in algebra, geometry, trigonometry, and beginning calculus
- Apply the underlying unifying structures of mathematics (i.e. sets, relations and functions, logical structure) and the relationships among them
- Demonstrate proficiency in writing proofs
- Investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and industry, and illustrate these solutions using symbolic, numeric, or graphical methods

Sociology:

The study of Sociology offers students the opportunity to develop a critical understanding of social processes and structures, so as to be able to live and work in our diverse global society and to apply the tools of social analysis to a broad range of professional, academic and community situations. The

methods and knowledge developed by sociologists reflect the complexity of human organization, social life, inequalities and social justice. The newly emerging patterns of social change continue to alter our life, making the effective applications of social analysis more important than ever before in solving problems of inequalities, human organization and justice at a local and global level.

Economics:

A degree in economics provides you with a solid foundation for a career in business, government, or with a non-profit organization. In this program, you will study how societies, governments, businesses, households, and individuals create, use, manage and distribute resources.

Economists are vital in helping predict and study responses to changes in policy and market changes, an important skill in today's changing business environment. Economists also study and help develop public policies like health care and education reform. Our program will equip you with the skills to make better decisions in a business environment, on public policy, and even in your personal choices.

The Bachelor of Arts in History is a broad-based program that has specific goals, including:(1) engaging the mind and imagination of those who study history; (2) introducing students to worlds, times, places, and cultures – including their own – in ways they have never before considered; and (3) promoting the acquisition of historical knowledge and critical thinking, reading, writing, and research skills. Upon successful completion of this online history degree program, students should be able to demonstrate competency in the vital skills of historical explanation, discernment, and synthesis.

Business Management

The Bachelor of Business Management provides a comprehensive basis for a career in business while being flexible enough to let you pursue areas that particularly interest you. It is designed to equip you with the skills and self-confidence to effectively manage and adapt to a wide range of competitive and constantly changing business environments.

The compulsory courses allow you to develop core business skills. You can then build on these by selecting one or two specialist areas including advertising, business economics, human resources, international business, marketing, real estate and development, and sustainability.

Accounting

The Bachelor of Commerce (Accounting) is designed for students wishing to pursue a career in accounting and/or finance, either as an accountant in private practice or employed in industry, commerce or the public sector. It allows students to major solely in Professional Accounting, or both Professional Accounting and Applied Finance and provides you with the knowledge and technical skills you need to succeed in the accounting/finance field.

This is the degree to take you straight into the accounting profession. Students can satisfy the educational requirements for admission to the major professional accounting bodies (CA and ICWACS) by including relevant units in their program of study.