

# PROGRAMME OUTCOME

## B.Sc. in FOOD AND NUTRITION

1. The programme provides basic understanding of the role of nutrition at various stages of life.
2. The students will learn the human physiology, food biochemistry and food microbiology which will help them to understand the role of nutrition in different diseased conditions.
3. The programme will help to impart knowledge regarding etiology and management of nutritional disorders preventing nutritional deficiencies.
4. The programme provides in depth understanding of the role of food under specific diseased conditions and how different dietary modifications can help a person to recover.
5. The programme will familiarize the students about the spoilage, processing and preservation techniques of pulses, oilseeds, spices, fruits and vegetables, meat, fish, poultry, milk & milk products.
6. The programme will make them aware about the importance of community nutrition, therapeutic nutrition, public health, food safety, food quality, food laws and regulations.
7. The students will get introduced to the different skill development techniques and training on equipments and measures utilized in practical field.
8. This interdisciplinary nature of the programme enriches them w.r.t nutritional, biochemical, microbiological, technological, dietary and public health aspects of food and health.

## B.SC. in MATHEMATICS

Students will be able to

- Formulate and develop mathematical arguments in a logical manner.
- Acquire good knowledge and understanding in advanced areas of mathematics and statistics, chosen by them from the given courses.
- Understand, formulate and use quantitative models arising in social science, business and other contexts.

- Enhance overall development and equip them with mathematical modeling abilities, problem solving skills, creative talent and power of communication necessary for various kinds of employment.
- Ability to pursue advanced studies and research in pure and applied mathematical science.

### **Job Opportunity**

After completion of B.Sc in Mathematics

- One can go for B.Ed and clear SSC.
- If the student desire to go for B.TECH /MCA/MBA then IT sector, Management company will be open to him/her.
- Getting job in banking sector will be easier. Besides , jobs through other competitive exams will also be a great opportunity.
- Pursue M.Sc in Mathematics and clear NET/SET and completion of PhD will lead the path to become an academician (scientist/professor).

## **B.SC. in GEOGRAPHY**

After successful completion of the three-year B.Sc/ B.A.. (Honours) degree program in **Geography**, students should be able to achieve the following objectives/ outcomes:

### **Program Specific Outcomes (PSO):**

- Develop a strong foundation of Geotectonics, Geomorphology, Biogeography, Soil Geography and instrumentation techniques and their applications to examine and appreciate the inherent complexity of landscape systems at micro level.
- Conceptualise the basic atmospheric and climatic phenomena of the earth and their effect on man. Develop advanced level concepts of Remote Sensing and Geographical Information System and their applications in present day situation.
- Understand the principles and applications of Hydrology and Oceanography to address water resource and environment related problems. Conceptualise the Social, Cultural, Political, Settlement Geography and the ethical considerations associated with their environmental impact. Make a knowledge base of the development of Geography by going through Geographical Thought.
- Undertake an analytical approach to design and complete field work in the above areas following land use and questionnaire survey. Be competent to acquire, analyse and interpret the statistical data to arrive at unbiased conclusions about problems and devise alternatives to existing procedures.

## **Program Outcome**

- To impart English-medium based undergraduate level education that is Bachelor Degree in Science and Arts courses in accordance with affiliating University's Curriculum and the UGC Guidelines.
- Understanding and Correlating between Theoretical and Experimental aspects of the subjects (highly essential for Laboratory based subjects).
- Developing concepts in Pure Subjects along with Applied and Interdisciplinary Subject Areas for Real Life Applications.
- Identify various Academic and Professional areas.
- Catering to the needs of Present Day Problems & allied Thrust Areas and Service to Human Race.

## **Program Special Outcome (PSO)**

- The study of Geomorphology helps to gain an insight into the processes of landform development and geomorphic hazards. A possible outcome is their eligibility for Environmental and Hazard Management Projects.
- The branches of Economic Geography and Human Geography make them capable of identifying the development prerogatives of regions and applying them in formulation of regional development plans.
- The study of Urban Geography prepares them in the field of Urban Planning. Geographers can thus have their say in Urban Development Boards.
- Demographic Analysis becomes an integral part of Geography through the branch of Population Geography. The implications of population structures, growth and migration are studied. They are thus made eligible for their contribution in Population Policies and Census Data Collection and Analysis.
- The specialization in Remote Sensing and use of Geographical Information System softwares train them for recruitment in Government Space Application Projects that use GIS and satellite image interpretations for resource mapping and planning.
- Biogeography (Soil Geography and Zoogeography) introduces the students to the characteristics of soil regions, floral and faunal regions. This holistic knowledge makes them capable of assessing and developing forestry projects, wildlife conservation plans and probable land use policies of rural areas.

# **B.SC. in ECONOMICS**

## **B.Sc. Three Year, Six Semester Honours and General Degree Programme in Economics Under West Bengal State University**

From the Academic Session 2016-17, CBCS was introduced by the West Bengal State University, which is our affiliating University at present. The first batch of students under the newly introduced semester system is, therefore, supposed to complete semester exam in graduation in the year 2019. It thus appears difficult to measure Programme Specific Outcome on definite terms. Besides, the University itself is yet to provide concrete Programme Specific Outcomes to its affiliated colleges. However, our esteemed teacher of the Department of Economics ponders over the current syllabus and tried to chalk out some specific outcomes of B.Sc., three year, six semesters Honours Degree and General Degree Programme of their own. Such expected Programme Specific Outcomes may be listed as follows:

- a)** After completing 3 years (six semesters) for B.Sc. honours and general students in economics would gain a thorough grounding in the fundamentals of economy.
- b)** The economics focused curriculum offers a number of specialization and practical exposures which would equip the student to face the modern day challenges in Economy, Trade, Commerce and Business.
- c)** The all-inclusive outlook of the course offer a number of value based and job oriented courses ensures that student are trained into up to date.
- d)** Student will be able to demonstrate the progress learning of various tax issue and tax reforms related to individual. Student will able to demonstrate knowledge in setting up a computerized set of economical accounting activities and also accounting books.
- e)** Student will demonstrate progressive affective domain development of values, the role of economy and accounting in society and business and also understand economic base and structure of the country even whole world. Student will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future career in business.
- f)** Student will be able to prove proficiency with the ability to engage in competitive exams like banking, Indian Economic Service, LIC, Insurance sector, Account and Audit service, CA, CS, CMA and other courses. Student will be able to recognize features and roles of businessmen, entrepreneur, managers, consultant which will help learners to process and other soft skills and to react efficiently

when confronted with critical decision making. Student will understand how a well developed economy can be formed and what are necessary activities for smooth running economic activities and also acquire knowledge about economics.

- g) After completing graduation on economics, students can apply for banking service, business and also all the services related with economics. They can also start new business and develop their existing family business.

## **B.A. in EDUCATION**

Education is the subject to study if you are interested in becoming a teacher, but it is also so much more than that. It is an interdisciplinary subject. This course is aimed at students who have a broad interest in the field of education. The subject of Education Studies is concerned with the complex and contested nature of education in its widest sense. The emergence of national schooling and other tertiary systems has meant that education is an issue of economic, political, individual and social concern both locally and globally. Education Studies offers an excellent study option for those looking for careers in the broad educational field, including those who are keen to go on to teach in schools. The degree opens up a variety of routes via post graduate study into teaching but also equips graduates for careers in educational publishing, educational research, further academic study, work with welfare based organisations, learning support opportunities, charities and other voluntary based groups. Students are also well prepared to continue their academic career via Masters and Doctoral programmes if they choose.

### **The overall aims of the Programme are:**

1. Explore the underpinning fundamentals of education including historical and social developments both past and present, and the philosophical, psychological and sociological theories on which modern education has been established.
2. Consider a range of educational systems and settings, selected from local, national and international examples, with scope for pursuing students own particular professional interests.
3. Develop a critical understanding of educational environments and approaches in relation to social justice, social policy and educational diversity.
4. Develop and deepen an understanding of the practices of teaching and learning in a range of educational settings.
5. Recognise and evaluate the process of human learning and the impact learning and education have not only within schools and other formal educational institutions but also within the wider

social context, as learners progress and change from childhood and adolescence to adult life.

6. Cultivate a critical perspective on contemporary education and consider the possible directions of its future development.

7. Critically reflect on personal values in relation to education and make connections to the assumptions made within educational contexts.

8. Complete research enquiries on educational issues and in educational settings, demonstrating critical thinking and skills to effectively design, complete and report on educational research, including the collection and analysis of numerical or narrative data that reaches balanced conclusions positioned within the existing literature.

9. Develop a well-informed, enquiring, analytical and critical disposition towards educational policy and practice.

10. Make links between theory and practice; reflect critically on real-life experiences.

**On successful completion of the course students will be able to;**

- I. Understand the processes of learning, including some of the key paradigms and their impact on educational practices.
- II. Show awareness of relevant aspects of cultural and linguistic differences and societies; politics and education policies; philosophical underpinnings, including issues of social justice, and their effects on learning.
- III. Show familiarity with formal and informal contexts for learning. Educational contexts will include some understanding of the student's own education system and other education systems.
- IV. Demonstrate the complex interactions between education and its contexts, and relationships with other disciplines and professions.
- V. Achieve the dream of being a teacher, professor in general and training college.
- VI. Get opportunities to be a special educator.
- VII. Get advantages to be a School Inspector and Kinder Garden school teacher.

## **B.A. in SOCIOLOGY**

### **Why study Sociology as an Undergraduate Student?**

Sociologists study the ways in which social structures and interactions shape human life. We seek to understand the full range of social institutions and practices, from small groups to large social organizations. Sociology's most distinguishing feature is the methods employed for research, which are diverse, ranging from the quantitative analysis to qualitative approaches, and historical investigation. Thus, sociologists study social interaction in a broad

array of contexts for which they use method is appropriate for the particular question being posed. Sociological ideas and methods are used by policy makers, political analysts, and social critics. Therefore, many of our concepts have become a part of our common lexicon and everyday language.

Concepts often used in various contemporary discourses, like "the self-fulfilling prophecy," "conspicuous consumption," "risk," "social mobility," "modernization," "cultural-lag," and "in-groups" and "out-groups" were all originally coined by sociologists. Moreover, sociology have been studying issues and topics like social inequality, ethnic relations, gender discrimination, and sexual diversity long before these became issues of concern among policy makers and in popular culture. Many popular research techniques, such as polling and survey design, were also pioneered by sociologists. The present course will attempt to introduce wide range of subjects, including crime, law, and deviance; sex and gender; marriage and family; organizations, occupations, and work; population dynamics; justice; science, politics, social movement, and social policy; power and inequality in modern societies; welfare, culture, and education; and social theory. By offering the tools and knowledge to help students make sense of the world around them, the goal is to bring out informed citizens, with expertise in the social sciences, and empowered with an outlook of a socially pro-active leader. Notwithstanding whatever be the plan for future, be it a professional career or postgraduate study in sociology or another social science, students will find a wide range of useful and interesting areas of study in this course. Students preparing for careers in civil society, law, social work, health, public administration, research and planning, and other professional areas will benefit from this course.

## **B.A. in HUMAN DEVELOPMENT**

### Teaching and Research

- Assistant teacher in Higher Secondary Schools for the Subject Family Resource Management
- College Teaching
- Research Opportunities

### Early Childhood Care and Education

- Pre-school Teacher
- Programme Planner or Co-ordinator in pre-school
- Academic Co-ordinator in Pre-school
- **Childcare Center Director**

### Child With Special Needs

- Special Educator in schools

- Early Intervention Specialist/Early Childhood Teacher
- Therapeutic Recreation Specialist
- Special Education Administrator

### Developmental Psychology

- Research facilities
- Elderly assisted living homes
- Teen outreach programs
- Homeless youth programs
- Hospitals
- Psychiatric institutions
- Private practices

### Women and Gender Studies

- social worker or counsellor
- teacher in elementary or high school
- instructor or professor in university/college
- researcher in a government department
- project manager in a non-governmental organization (NGO)
- program coordinator in a women's center
- financial planner, with a focus on women's finances
- policy analyst in a governmental or para-governmental organization,
- policy analyst in business and industry or in educational institutions

### Geriatric Studies

- Long-term care facilities
- Clinical practices
- Counseling centers
- Hospital services
- Home health services
- Research universities
- Community and government agencies.

### Govt. Job Opportunities(ICDS Centres)

1. Child Development Project Officer.
2. Supervisor
3. Anganwadi Worker.

Some of the Areas need special training and Assistance Programme after completion of the course.



## **B.A. in PHILOSOPHY**

The Department of Philosophy seeks to acquaint students with various philosophical traditions, to present the chief philosophic problems and types of Philosophy, major figures of thought and to help students cultivate the art and skill of philosophical analysis as well as the intellectual, and moral virtues of the discipline of Philosophy. Students who take philosophy engage in a systematic and sustained examination of the basic concepts of life, such as justice, knowledge, goodness, the self, meaning, thought, and action important to human existence. They acquire historical perspective on the diversity of human thought and tolerance for the alternative opinions of others. Students develop autonomy in their decision making. Moreover, the Philosophy program inculcates in students a sense of the value and limits of philosophy, a reflective attitude and sensitivity to the subtleties and complexities of philosophical judgments, and a life-long commitment to learning and inquiry.

## **B.A. in BENGALI**

Literature is the reflection of life and society. In every day classes or meetings , the words said by the professors help the students to connect to the real world. By writing proses and poems , students can express their feelings . They can do something by themselves . This builds the way for students to become a writer .They develop a better personality by practicing literature . They develop feelings in their mind which makes them a great person.

## **B.A. in ENGLISH**

The Department follows the syllabus and evaluation pattern as prescribed by the West Bengal State University. A course in B.A. English (Honours) helps the graduates to consolidate their foundation in English literature and prepares them for undertaking further study in postgraduation and subsequently undertaking research. Moreover a very sound foundation in English (honours) helps the students to appear in different competitive examinations namely UPSC, PSC etc. The job opportunity in teaching domain is no less important. Since the CBCS pattern lays emphasis more on the employability of the young graduates, a course in English helps them to shine in various professions like translators/interpreters etc.

# DEPARTMENT OF COMMERCE

This program aim to provide students with specific knowledge and skills relevant to their discipline and careers. After completing three years for Bachelors in Commerce (B.Com) program, students would gain a thorough grounding in the fundamentals of Commerce and Finance which offers a number of specializations and practical exposures for the students to face the modern-day challenges in different professional bodies.

This program could provide well trained professionals for the Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Warehousing etc., to meet the well trained manpower requirements. The broader perspective of this programme offers a number of value based and job oriented courses which ensure that the students are trained into up-to-date. In advanced accounting courses beyond the introductory level, provide students with the analytical, evaluative and problem-solving skills commensurate with degree level higher education. At the end of the B.com degree course, by virtue of the training, they can become an manager, accountant, management accountant, cost accountant, bank manager, auditor, company secretary, teacher, professor, stock agents, government jobs etc.,

## **The Program Specific Outcome (PSO)**

- Develop a critical awareness and understanding of the main functional areas of business administration and the management process within a variety of institutional and organisational contexts.
- Utilise their knowledge, understanding and skills to work successfully in a professional or business house.
- To demonstrate and understanding of the principles of accounting, finance, economic and business law.
- To develop numerical abilities of students.
- To inculcate writing skills and business correspondence.
- To acquire practical skills related with banking and other business.
- To develop knowledge about economic environment of country as well as world.
- To demonstrate progressive learning of various tax issues and tax forms related to individuals so that learners can also acquire practical skills to work as tax consultant, audit assistant and other financial supporting services.
- To demonstrate knowledge in setting up a computerized set of accounting books.