

Programme Outcomes, Programme Specific Outcomes and Course Outcomes  
For UG Programmes running in NBU Campus

ProgrammeName: B.Sc (Hons.) in Anthropology.....

Number of Semesters: 06.....



Name of the Department  
University of North Bengal  
West Bengal, INDIA

### Programme Outcomes

- Comprehensive and integrated framework for understanding of human beings and their adaptability across time and space.
- Help generate interests among students in the discipline of anthropology and pursue it in higher studies
- Making the students aware of career opportunities
- Shaping their personalities

### Programme Specific Outcomes

- Expose students to the three facets of human beings - biological, social and cultural and prehistoric archaeology
- The students will be informed about Anthropology in higher studies
- Help students understand challenges, best practices as well as biological and cultural adaptive features of communities which will help them in future research
- Expose the students to deal with real life empirical problems through case studies as well as first hand understanding through fieldwork
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- Disciplinary knowledge and skills: ability to understand key concepts used in the study of a society, culture; understanding of various theories of society and culture,.

### Course Outcomes

SEMESTER—I		
Course Code	Course Name	Course Outcomes
ANTH-101	Introduction to Biological Anthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Concept of Biological Anthropology</li> <li>• Brief idea of the historical development of Biological Anthropology</li> <li>• Scope and aim of the sub-discipline</li> <li>• Idea about evolution and human diversity, including our nearest relatives the primates</li> <li>• Concept of race</li> <li>• Somatometry and somatoscopy</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Idea about this sub-discipline</li> <li>• Comparative anatomy and behaviour of human and non-human primates</li> <li>• Describe racial classification in India</li> <li>• Technique of Anthropometry</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Interest In the subject</li> <li>• Understand various measurements of somatometry and observation</li> </ul>

		of somatoscopy
ANTH102	Introduction to Socio-Cultural Anthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Introduction to Social Cultural Anthropology - its historical roots and its scope in India and abroad.</li> <li>• Traditions in social anthropology and the debates on the nature of society and culture, status and role; groups and institution, social stratification</li> <li>• Social fact, social action, social conflict and social action</li> <li>• Ethnographic fieldwork and survey research and approaches, techniques, methodology and study designs used in anthropological research.</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Apprise students with the recent advances in the field of social anthropology</li> <li>• Methods and Techniques of Social Anthropology</li> <li>• Acquaint students with the application of social anthropological knowledge</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Ability to understand key concepts used in the study of a society, culture</li> <li>• Ability to apply the research techniques in conducting social cultural research</li> </ul>

SEMESTER—II		
Course Code	Course Name	Course Outcomes
ANTH-201	Archaeological Anthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Definition and scope of archaeological anthropology</li> <li>• Methods of Estimation of Time and Reconstruction of the Past</li> <li>• Geochronology of Pleistocene Epoch</li> <li>• Technique of tool manufacture</li> <li>• Earliest Evidence of Culture in the World</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Basic idea about archaeological anthropology</li> <li>• Dating techniques</li> <li>• Prehistoric tool technique</li> <li>• Idea on significant prehistoric culture</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• A preliminary idea about archaeological anthropology including tool techniques, tool typology and dating techniques.</li> </ul>
ANTH-202	Fundamentals of Human Origin & Evolution (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Fossil primates (distribution, findings, discoveries, features and phylogenetic status)</li> <li>• Hominization process</li> <li>• Craniometry and osteometry</li> </ul> <p>Skills gained</p>

		<ul style="list-style-type: none"> <li>• How human came to this earth</li> <li>• Theories of human evolution</li> <li>• Explaining human evolution</li> <li>• Describe various landmarks on human skull</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• A brief idea of the various aspects of human origin and evolution</li> <li>• Understand various measurements of craniometry and osteometry</li> </ul>
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SEMESTER—III		
Course Code	Course Name	Course Outcomes
ANTH-301	Tribes and Peasants in India (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Anthropological Concept of Tribe and Peasants</li> <li>• Anthropological concept of village and ethnicity</li> <li>• Course involves theory and practical</li> </ul> <p>Skill gained</p> <ul style="list-style-type: none"> <li>• Nuanced understanding of the concept of tribe and peasant and village in India</li> <li>• Understand and explain problematic nature of these concepts in India.</li> <li>• Analyze policies formulated; and identify the gap between policy formulation, implementation and local needs.</li> <li>• Reading of Ethnography texts - Linking up the study with the concept of tribe and peasantry and delineate clearly the concept used in the text.</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Ability to understand and analyze tribal and peasant issues</li> </ul>
ANTH-302	Human Ecology: Biological & Cultural Dimensions (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Concept and components of ecology</li> <li>• Importance of ecology</li> <li>• Adaptation to various ecological stresses</li> <li>• Effect of urbanization</li> <li>• Ecological rules</li> <li>• Anthropometric measurements</li> <li>• Indices</li> <li>• Human ecology through bio-cultural perspectives</li> <li>• Culture as a tool of adaptation; Various modes of human adaptation in pre-state societies</li> <li>• Ecological themes of state formation: i. Neolithic revolution, ii. Hydraulic Civilization</li> <li>• Agriculture and peasantry; Industrial civilization and growth of urban societies</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Ecology: Its concepts and relation with man</li> <li>• Understand the applicability of ecological rules in human populations</li> <li>• Calculate indices using various measurements</li> </ul>

		<ul style="list-style-type: none"> <li>• Understand key concepts relating to the study human ecology and society</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Understand importance of adaptation in various ecological stresses</li> <li>• Understand Size and Shape Measurements on human body</li> <li>• Better equipped to understand social change and the impact of urbanisation and industrialisation that impact everyday life of people</li> </ul>
ANTH-303	Biological Diversity in Human Populations (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Concept of Biological Variability</li> <li>• Concept of human diversity</li> <li>• Racial elements in India</li> <li>• Linguistic classification of Indian population</li> <li>• Evolution of Human diet</li> <li>• Demography and anthropology</li> <li>• Craniometric measurements on skull and mandible</li> <li>• Determination of blood group</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Idea of human diversity</li> <li>• Importance of genetics in Biological Anthropology and human diversity</li> <li>• Understand the sources of demographic data in anthropology</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Understanding of human diversity</li> <li>• Genetic traits such as ABO blood group</li> <li>• Understand importance of anthropometry in physical anthropology</li> </ul>
SEMESTER—IV		
Course Code	Course Name	Course Outcomes
ANTH-401	Theories of Culture and Society (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Foundation courses on the theoretical approaches</li> <li>• Emergence of fieldwork tradition</li> <li>• Course involves theory and practical</li> </ul> <p>Skill gained</p> <ul style="list-style-type: none"> <li>• Students will be able to explain the major theoretical paradigms in anthropology and link it with the socio- political and economic environment in which they would have been developed.</li> <li>• Relate to the theoretical ideas and its contribution in understanding the current society</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Connect the theories to their everyday lives</li> </ul>
ANTH-402	Human Growth and Development (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Concept of human growth and development</li> <li>• Factors affecting growth</li> <li>• Malnutrition</li> <li>• Human physique and body composition</li> <li>• Somatotyping</li> <li>• Assessment of nutritional status</li> </ul>

		<ul style="list-style-type: none"> <li>• Body composition</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Idea of human growth and body composition</li> <li>• Describe the Importance of studying human growth</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Understand various methods of somatotyping</li> <li>• Assessment of nutritional status and body composition</li> <li>• Understand the causes of malnutrition</li> <li>• Estimation of body composition using anthropometry</li> </ul>
ANTH-403	Research Methods (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Understand the process of designing an effective research study in anthropology</li> <li>• learn the qualitative and quantitative methods used in anthropological research</li> <li>• learn the appropriate ways of scientific writing</li> <li>• Descriptive statistics (Central tendency, measure of dispersion)</li> <li>• T-test</li> <li>• ANOVA</li> <li>• Course involves theory and practical</li> </ul> <p>Skill gained</p> <ul style="list-style-type: none"> <li>• Detailed idea about SPSS</li> <li>• Calculate descriptive statistics using SPSS</li> <li>• Differences between two or more means</li> <li>• Understand how to formulate research problem and frame it for the purpose of research</li> <li>• Use qualitative and quantitative methods used in anthropological research</li> <li>• Learn importance of ethics and its application in research</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Introduction to scientific analysis and writing</li> <li>• Understand the importance of statistics in physical anthropology</li> <li>• Understand about the entry and analyze of a dataset in SPSS</li> <li>• Understand the report writing on any database</li> </ul>
SEMESTER—V		
Course Code	Course Name	Course Outcomes
ANTH-501	Human Population Genetics (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Concept of human genetics</li> <li>• Mendelian inheritance</li> <li>• Genetic polymorphism</li> <li>• Hardy-Weinberg principle</li> <li>• Color Blindness</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Idea about Various aspects of human genetics</li> <li>• Understand various infectious diseases and its association with blood groups</li> </ul> <p>Competency developed</p>

		<ul style="list-style-type: none"> <li>• Understanding of human genetics</li> <li>• Understand the application of Hardy-Weinberg principle</li> <li>• Determination of blood group</li> <li>• Understand procedures of taking color blindness of individuals</li> </ul>
ANTH-502	Anthropology in Practice (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Introduce the applied dimensions of anthropological knowledge in fields of tourism, medicine, visual, fashion, NGO, management, counselling etc</li> <li>• Anthropology of public policy to critically reflect on policy implications of development programmes in rural, urban settings.</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Trained in development anthropology</li> <li>• Community engagements to understand community</li> <li>• Gain anthropological perspective through field visit and report writing</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Application of anthropological knowledge in contemporary trends – designing, fashion, tourism</li> </ul>
SEMESTER—VI		
Course Code	Course Name	Course Outcomes
ANTH-601	Forensic Anthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Definition and scope of forensic anthropology</li> <li>• Basic Human Skeletal Biology</li> <li>• Methods of Identification in Living Persons</li> <li>• Long bones</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Describe anatomy of human skeleton</li> <li>• Understand the importance of Personal identification</li> <li>• Estimation of age, sex and stature from bones</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Understanding of forensic anthropology</li> <li>• Forensic anthropology as a career</li> <li>• Understand somatoscopic observation on living persons</li> </ul>
ANTH-602	Anthropology of India (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Significant aspects of Indian society</li> <li>• Knowledge in Indian anthropology</li> <li>• Rural life and village life – characteristics and problems</li> </ul> <p>Skill gained</p>

		<ul style="list-style-type: none"> <li>Identify elements of tradition &amp; values</li> <li>Understanding problems and prospects of and deprived and marginalized communities</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>Critically evaluate existing policies in rural, tribal and urban life</li> </ul>
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### ELECTIVE COURSES

Credits: Any four papers

Electives		
Course Code	Course Name	Course Outcomes
DSE- 1	Physiological Anthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>Concept of physiological anthropology</li> <li>Cardio-vascular and respiratory endurance</li> <li>Body fitness and performance</li> <li>Cardiovascular function</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>Understand age and sex variation in the physiological characteristics</li> <li>Describe health related aspects of exercise</li> <li>Understand the techniques of blood pressure measurement</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>Understand the relationship of body measurements with cardio-vascular and respiratory functions</li> <li>Impact of smoking, alcohol, drug, pollution and occupation on cardio-respiratory functions</li> </ul>
DSE-2	Sports and Nutritional Anthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>Concept of nutritional anthropology</li> <li>Concept of physical fitness and component of physical fitness</li> <li>Environmental effects on physical performance</li> <li>Body composition and Athletes</li> <li>Nutritional status</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>Understand the body composition related with athletes</li> <li>Understand the assessment of daily nutrient intake</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>Understand the effect of heat stress, cold stress and high altitude on physiological response and performance</li> <li>Assessment of nutritional status</li> </ul>
DSE-3	Human Genetics (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>Concept of human genetics</li> <li>Structure, Function and Inheritance of the human genome</li> <li>Methods of Genetic Study in Human</li> <li>concept of non-mendelian inheritance</li> <li>complex diseases</li> </ul>



		<ul style="list-style-type: none"> <li>• Genomic Diversity</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Idea about advancements in human genetics</li> <li>• Describe the inheritance pattern of complex diseases</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Understand the importance of pedigree in human genetics</li> <li>• Modern methods such as PCR</li> <li>• Idea about blood Collection, transportation and storage in field</li> </ul>
DSE-4	Neuro Anthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Concept of neuroanthropology</li> <li>• Primate Social Cognition</li> <li>• Somatometric measurements of human skull</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Detailed idea about the basics of Neuroanthropology</li> <li>• Understand the evolution of human brain</li> <li>• Understand the relationship between human brain and their socio cultural contexts</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Apply the Somatometric measurements on human skull</li> </ul>
DSE-5	Forensic Dermatoglyphics (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Concept of dermatoglyphics</li> <li>• scope and applications of dermatoglyphics</li> <li>• Fingerprint patterns</li> <li>• Types of fingerprint (Plastic, Visible and Latent Prints)</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Understand the history and development of dermatoglyphics</li> <li>• Detailed idea of forensic anthropology</li> <li>• Describe the various fingerprint ridge patterns</li> <li>• Detailed idea about the collection of fingerprint</li> <li>• Understand the development of latent fingerprints</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Understand the importance of dermatoglyphics in forensic anthropology</li> <li>• Role of a forensic anthropologist</li> <li>• Analyze the collected fingerprint</li> <li>• Determination of palmar main line formula, Ridge count and indices</li> </ul>
DSE-6	Paleoanthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Dating</li> <li>• Fossil primates (distribution and fossilized evidence)</li> <li>• Origin and evolution of Homo sapiens</li> <li>• Hominization process</li> <li>• Palaeodemography</li> <li>• Palaeopathology</li> <li>• Comparative primate osteology</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Understand the methods of dating</li> <li>• Understand the various Describe the major keys of human evolution</li> <li>• Know the findings and discoveries associated with fossil primates</li> </ul>

		<ul style="list-style-type: none"> <li>• Understand the origin and evolution of modern humans</li> <li>• Description and identification of the disarticulated skeleton of non-human primates</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Understand the definition, aim and subject matter of Palaeoanthropology</li> <li>• Understand the concept and events in human evolution</li> <li>• Understand changing trends from late Australopithecine to early Homo</li> <li>• Understand the anatomical changes associated with the evolution of bipedalism</li> </ul>
DSE - 7	Anthropology of Religion, Politics and Economy (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Anthropological approaches to understand religion.</li> <li>• Overview of Anthropological Theories of Religion</li> <li>• Relationship between religion, politics and economy</li> <li>• Course involves theory and practical</li> <li>•</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Ability to understand the interwovenness of religion, politics and economy</li> <li>• Understand the background for emergence of new religious sects in the global order.</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Critically analyze religion, politics and economy in every society</li> </ul>
DSE - 8	Tribal Cultures of India (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Concept of tribes and its problematic nature.</li> <li>• Background on tribal movement</li> <li>• Forest policies and tribes</li> <li>• Course involves theory and practical</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Develop critical understanding of tribes and the policies that bind them</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Ability to recommend the needed changes in the conceptualization of tribes in India</li> </ul>
DSE - 9	Indian Archaeology (Theory and practical)	<p>Knowledge gained:</p> <ul style="list-style-type: none"> <li>• Tool techniques and classification</li> <li>• Typology and cultural nomenclature</li> <li>• Indian Prehistory: cultural stages</li> </ul> <p>Skills gained:</p> <p>Idea on Indian prehistory, classification and distribution</p> <p>Competency developed:</p> <p>Ability to understand Indian prehistoric culture and associated assemblages</p>
DSE - 10	Visual Anthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Introduction to Visual Anthropology</li> <li>• Ethnographic Photography and films: Theoretical issues , Contexts and Trends</li> <li>• Policy and the use of audio-visual and internet based media</li> </ul>

		<ul style="list-style-type: none"> <li>• Course involves theory and practical</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Analysis of visuals such as photographs and films</li> <li>• Understand changing trends in visual modes of ethnography</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Critical reflection on the relation of images, objects and persons</li> </ul>
DSE - 11	Fashion Anthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Fashion, Consumption, and Anthropology</li> <li>• Relationship between globalisation and fashion</li> <li>• Historical development of fashion and identity</li> <li>• Various attributes of fashion in rural, tribal and urban communities</li> <li>• Fashion as means of expression of identity, and way of communication</li> <li>• Course involves theory and practical</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Anthropological analysis of garment and manufacturing</li> <li>• Identify cultural attributes of fashion in communities</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Link material culture to the study of society</li> </ul>
DSE - 12	Demographic Anthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Importance of demography in anthropology</li> <li>• Foundational understanding in population structure, growth</li> <li>• Sources of demographic data and population policies</li> <li>• Course involves theory and practical</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Basic anthropological approaches of studying demography</li> <li>• Use of biological and social determinants of demographic processes in human populations</li> <li>• Understand how human population growth is affected by human behavioural and non-genetic factors</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Demographic data collection</li> <li>• Application of demography in understanding a society</li> </ul>
DSE - 13	Urban Anthropology (Theory and practical)	<p>Knowledge gained</p> <ul style="list-style-type: none"> <li>• Concept of Urbanization and Urbanism</li> <li>• Major issues in urban society</li> <li>• Course involves theory and practical</li> </ul> <p>Skills gained</p> <ul style="list-style-type: none"> <li>• Understand urbanization and its impact on change in society</li> </ul> <p>Competency developed</p> <ul style="list-style-type: none"> <li>• Analyze urban Inequality</li> </ul>
DSE - 14	Anthropology of Health (Theory and practical)	<p>Knowledge gained:</p> <ul style="list-style-type: none"> <li>• Concept of Anthropology and Health</li> <li>• Health and illness in cross cultural perspectives</li> <li>• Idea on measuring health</li> <li>• Women Health</li> <li>• Health Rights</li> </ul> <p>Skills gained</p>

		<ul style="list-style-type: none"><li>• Ability to understand the study on health in Anthropological perspectives</li></ul> Competency developed: <ul style="list-style-type: none"><li>• Efficiency to understand the significance of Anthropological knowledge on health study</li></ul>
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