

# **BANKURA UNIVERSITY**

## **GENERIC ELECTIVE (GE)**

To be opted by Honours students (B.A./B.Com./B.Sc.) excluding his or her own Honours Discipline (Subject)  
**B.A./ B.COM./B.Sc. (HONS)**

### **SEMESTER-I**

SL. NO.	SUBJECT	COURSE TITLE	CODE NO.
1	<b>Education</b>	A. Principles of Education	AH/EDN/ 103/GE-1
		B. Educational Technology	
2	<b>History</b>	History of Ancient India	AHHST 103GE-1
3	<b>Music</b>	A.Knowledge of the Ten Thata system of V.N. Bhatkhande	AHMUS -103 GE
		B.Definition of raga & a brief knowledge	
4	<b>Philosophy</b>	Outlines of Indian Philosophy	UGPHIL 103GE
5	<b>Political Science</b>	Fundamentals of Political Theory	AHPLS 103/GE-1
6	<b>Sanskrit</b>	Drama&Grammar	AHSNS 103 GE-1
7	<b>Sociology</b>	Introducing Sociology	AHSOC103/GE-1
8	<b>Commerce</b>	Management Theory	BCOMH 103GE-1
9	<b>English</b>	Academic Writing and Composition	AHENG 103/GE-1
10	<b>Santali</b>	History of Santali Language& Literature	AHSNT/ 103GE
11	<b>Bengali</b>	বাংলা সাহিত্যের ইতিহাস (প্রাচীন ও মধ্যযুগ)	AHBNG / 103/GE-1
12	<b>English</b>		
1	<b>Chemistry</b>	Atomic Structure, Chemical Periodicity, Acids and Bases, Redox Reactions, General Organic Chemistry and Aliphatic Hydrocarbons (T1&P1)	UG/CHEM/103/GE-1
2	<b>Electronics</b>	a) Electronic Circuits and PCB Designing	SH/ELC / 103/GE-1
		b) Digital System Design	
		c) Communication Systems	
		d) Instrumentation	
3	<b>Environmental Science</b>	Environment & Society (T+P)	SH/ENV / 103/GE-1
4	<b>Geography</b>	Physical Basis of Earth	SHGEO /103/GE-1
		Climate Change: Vulnerability and Adaptations	
5	<b>Geology</b>	Essentials of geology/ Soil: Present and Past	UG/GEL/103/GE-T1
		Essentials of geology Lab/Soil: present and past Lab	UG/GEL/103/GE-P1
6	<b>Mathematics</b>	Calculus, Geometry & Differential Equation (GE T1)	SH/MTH/ 103/GE-1
7	<b>Microbiology</b>	Introduction and scope of Microbiology	SH/MCB/ 103/GE-1
8	<b>Nutrition</b>	A. GE1A Fundamentals of Nutrition and Food Science	SH/NUT/ 103/GE-
		B. GE1B Food Allergies and Intolerance	
9	<b>Physics</b>	A. Mechanics, Electrostatics and Sound (GE T1)	SHPHS/ 103/GE-1
		B. Mechanics, Electrostatics and Sound Lab (GE P1)	
10	<b>Physiology</b>	A. GET-1: Community and Public Health. GPT-1: Community and Public Health Lab	SH/PHY/ 103/GE-1
		B. GET1: Instrumentation. GEP1: Instrumentation Lab	
11	<b>Zoology</b>	GET : Animal Diversity GEP: Animal Diversity Lab	UG/ZOO/103/GE-1
12	<b>Computer Science</b>	A. Computer Fundamentals	UG/CSC/ 103/GE-1
		B. Introduction to Programming	
13	<b>Geology</b>	Essentials of geology/ Soil: present and past	SH /GEL/103/GE-T1
		Essentials of geology Lab/ Soil: present and past Lab	SH /GEL/103/GE-P1
14	<b>Botany</b>	Plant Biodiversity [Microbes, Algae, Fungi ,Archegoniate (Bryophyta, Pteridophyta & Gymnosperm)]	SHBOT / 103/GE-1

<b>SEMESTER-II</b>			
SL. NO.	SUBJECT	COURSE TITLE	CODE NO.
1	<b>Education</b>	A. Educational Sociology	AH/EDN/ 203/GE-2
		B. Educational Organization	
2	<b>History</b>	History of Medieval India	AHHST 203GE-2
3	<b>Music</b>	music : Prabandha Gaan, Tappa, Thumri, Brhama Sangeet	AHMUS 203GE
4	<b>Philosophy</b>	Western Metaphysics	UGPHIL 203GE
5	<b>Political Science</b>	Major Aspects of the Indian Constitution	AHPLS 203/GE-2
6	<b>Sanskrit</b>	Poetry&Chanda	AHSNS 203GE-2
7	<b>Sociology</b>	Indian Societies: Images and Realities	AHSOC203/GE-2
8	<b>Commerce</b>	Principles of Micro Economics	BCOMH 203GE-2
9	<b>English</b>	Media and Communication Skills	AHENG 203/GE-2
10	<b>Santali</b>	Santali Folk Literature	AHSNT- 203GE
11	<b>Bengali</b>	বাংলা সাহিত্যের ইতিহাস (আধুনিক যুগ)	AHBNG/ 203/GE-2
12	<b>English</b>		
1	<b>Chemistry</b>	States of Matter & Chemical Kinetics; Chemical Bonding& Molecular Structure, p- Block Elements (T2&P2)	UG/CHEM/203/GE-2
2	<b>Electronics</b>	a) Electronic Circuits and PCB Designing	SH/ELC / 203/GE-2
		b) Digital System Design	
		c) Communication Systems	
		d) Instrumentation	
3	<b>Environmental Science</b>	Human- Wildlife Conflict &Management (T+P)	SH/ENV / 203/GE-2
4	<b>Geography</b>	Human Geography	SHGEO /203/GE-2
		Rural Development	
5	<b>Geology</b>	Rocks and minerals/ Fossils and their applications	UG/GEL/203/GE-T2
		Rocks and minerals Lab/Fossils and their applications Lab	UG/GEL/203/GE-P2
6	<b>Mathematics</b>	Real Analysis (GE T3)	UG/GEL/203/GE-P2
7	<b>Microbiology</b>	Bacteriology and Virology	SH/MCB/ 203/GE-2
8	<b>Nutrition</b>	A. GE2.T2A Food Groups and Cooking Methods GE2.P2A Food Groups and Cooking Methods (Practical)	SH/NUT/ 203/GE-2
		B. GE2B Food Toxicity Diseases	
9	<b>Physics</b>	A. Electromagnetism and Thermal Physics (GE T2)	SHPHS/ 203/GE-2
		B. Electromagnetism and Thermal Physics Lab (GE P2)	
10	<b>Physiology</b>	A. GET-2: Developmental Biology and Embryology	SH/PHY/ 203/GE-2
		B. GEP-2: Developmental Biology and Embryology Lab	
11	<b>Zoology</b>	GET : Aquatic Biology. GEP: Aquatic Biology Lab	UG/ZOO203/GE-2
12	<b>Computer Science</b>	A. Introduction to Database Systems	UG/CSC/ 203/GE-2
		B. Programming in Visual Basic	
13	<b>Geology</b>	Rocks and minerals/ Fossils and their applications	SH /GEL/203/GE-T2
		Rocks and minerals Lab/Fossils and their applications Lab	SH /GEL/203/GE-P2
14	<b>Botany</b>	A. Plant Ecology, Morphology & Taxonomy	SHBOT / 203/GE-2
		B. Plant Anatomy & Embryology	

SEMESTER-III			
SL. NO.	SUBJECT	COURSE TITLE	CODE NO.
1	Education	A. Educational Psychology	AH/EDN/ 304/GE-3
		B. Evaluation in Education	
2	History	Modern India	AHHST 304/GE-3
3	Music	Ability to sing six Rabindra Sangeet	AHMUS 304GE
		Ability to sing six Nazrul Giti	
4	Philosophy	Western Logic	UGPHIL 304GE
5	Political Science	An Introduction to Comparative Government and Politics	AHPLS- 304/GE-3
6	Sanskrit	History of sanskrit literature & translation	AHSNS 304GE-3
7	Sociology	Sociological Thought	AHSOC304/GE-3
8	Commerce	Business Regulatory Framework	BCOMH 304GE-3
9	English	Text and Performance	AHENG- 304/GE-3
10	Santali	Santali Magazine and Literary Essay	AHSNT-304GE
11	Bengali	ভাষার ইতিহাস	AHBNG / 304/GE-3
12	English		
1	Chemistry	Chemical Energetics , Conductance ; Organic Chemistry-II(T3&P3)	UG/CHEM/304/GE-3
2	Electronics	a) Electronic Circuits and PCB Designing	SH/ELC / 304/GE-3
		b) Digital System Design	
		c) Communication Systems	
		d) Instrumentation	
3	Environmental Science	Gender & environment (T+P)	SH/ENV / 304/GE-3
4	Geography	Maps and Diagrams	SHGEO /304/GE-3
		Regional Development	
5	Geology	Earth surface processes/Physics and chemistry of earth	UG/ GEL /304/GE-T3
		Earth surface processes Lab / Physics and chemistry of earth Lab	UG/ GEL /304/GE-P3
6	Mathematics	Algebra (GET2)	SH/MTH / 304/GE-3
7	Microbiology	Microbial Metabolism	SH/MCB/ 304/GE-3
8	Nutrition	GE3A.T3A Nutrition through Lifespan/GE3A.P3A Nutrition through Lifespan (Practical)	SH/NUT/ 304/GE-3
		GE3B.T3B Community Nutrition/GE3B.P3B Community Nutrition (Practical)	
9	Physics	A. Physical Optics and Modern Physics (GE T3)	SHPHS/ 304/GE-3
		B. Physical Optics and Modern Physics Lab (GE P3)	
10	Physiology	A. GET-3: Environmental Pollution and Human Health	SH/PHY/304/GE-3
		B. GEP-3: Environmental Pollution and Human Health Lab	
11	Zoology	GET : Environment and Public Health. GEP : Environment and Public Health Lab	UG/ZOO/304/GE-3
12	Computer Science	A. Computer Network and Internet Technologies	UG/CSC/ 304/GE-3
		B. Multimedia and Applications	
13	Geology	Earth surface processes/Physics and chemistry of earth	SH / GEL /304/GE-T3
		Earth surface processes Lab /Physics and chemistry of earth Lab	SH / GEL /304/GE-P3
14	Botany	A. Genetics and Plant Breeding	SHBOT / 304/GE-3
		B. Cell and Molecular Biology	

**SEMESTER-IV**

SL. NO.	SUBJECT	COURSE TITLE	CODE NO.
1	Education	A. Development of Education in India	AH/EDN/404/GE-4
		B. Guidance and Counselling	
2	History	Making of Contemporary India	AHHST 404GE-4
3	Music	A. Baya & Pakhowaj	AHMUS/404/GE
		B. Songs of West Bengal	
		C. Panchali Gaan, Akhrai, Jatra,	
4	Philosophy	Western Ethics	UGPHIL 404GE
5	Political Science	International Relations: Basic Concepts	AHPLS- 404/GE-4
6	Sanskrit	Dharmasastra& Upanisad	AHSNS 404GE-4
7	Sociology	Research Method in Sociology	AHSOC404/GE-4
8	Commerce	Indian Financial System	BCOMH 404 GE-4
9	English	A. Language and Linguistics	AHENG- 404/GE-4
		B. Contemporary India: Women and Empowerment	
10	Santali	Santali Poetry and Prose Literature	AHSNT-404GE
11	Bengali	রবীন্দ্র সাহিত্য	AHBNG /404/GE-4
12	English		
1	Chemistry	Transition Metal & Coordination Chemistry; Functional Group Organic Chemistry (T4&P4)	UG/CHEM/404/GE-4
2	Electronics	a) Electronic Circuits and PCB Designing	SH/ELC /404/GE-4
		b) Digital System Design	
		c) Communication Systems	
		d) Instrumentation	
3	Environmental Science	Green Technologies (T+P)	SH/ENV /404/GE-4
4	Geography	Economic Geography	SHGEO /404/GE-4
		Sustainable Development	
5	Geology	Earth resources/Natural hazards and disaster management	UG/GEL/404/GE-T4
		Earth resources Lab/Natural hazards and disaster management Lab	UG/GEL/404/GE-P4
6	Mathematics	Differential Equations and Vector Calculus (GET4)	SH/MTH /404/GE-4
7	Microbiology	Medical Microbiology and Immunology	SH/MCB/404/GE-4
8	Nutrition	GE4A.T4A Food Safety and Standards/GE4A.P4A Food Safety and Standards (Practical)	SH/NUT/404/GE-4
		GE4B.T4B Therapeutic nutrition/GE4B.P4B Therapeutic nutrition (Practical)	
9	Physics	A. Electronics and instrumentation (GE T4)	SHPHS /404/GE-4
		B. Electronics and instrumentation Lab (GE P4)	
10	Physiology	GET-4: Biotechnology. GEP-4: Biotechnology Lab	SH/PHY/ 404/GE-4
11	Zoology	GET : Insect Vectors and Diseases. GEP : Insect Vectors and Diseases Lab	UG/ZOO/404/GE-4
12	Computer Science	A. Programming in Python	UG/CSC/404/GE-4
		B. Web and E-Commerce Technologies	
13	Geology	Earth resources/Natural hazards and disaster management	SH /GEL/404/GE-T4
		Earth resources Lab/Natural hazards and disaster management Lab	SH /GEL/404/GE-P4
14	Botany	6. Plant Phiosiology & Metabolism	SHBOT /404/GE-4
		7. Economic Botany & Plant Biotechnology	