

S.No.	Department		Total GE given	Mandatory
1	Anthropology	Level - 100	<b>Sem 1: Biodiversity and Indigenous Knowledge</b>	<b>04 GE Mandatory given</b> <ul style="list-style-type: none"> <li>• Sem 1: Biodiversity and Indigenous Knowledge</li> <li>• Sem 3: Anthropology and Fieldwork</li> <li>• Sem 4: Tribes of India</li> <li>• Sem 8 : Public Policy and Governance</li> </ul>
	15.05.2024		Sem 2: Customary Law	
		Level -200	<b>Sem 3: Anthropology and Fieldwork</b>	
			<b>Sem 4: Tribes of India</b>	
			Sem 5: Anthropology of Sustainable Development	
			Sem 6: Environment and Health	
		Level - 300	Sem 7: Gender and Society	
			<b>Sem 8 : Public Policy and Governance</b>	
2	Statistics	Level - 100	<b>GE-1a: Basic Statistics*</b> GE-1b: Time Series Analysis and Index Numbers	* GE Courses that are mandatory to be studied if a student wishes to make it a minor discipline.  * ¶ This paper is not mandatory for Maths (Hons.) and Economics (Hons.)
			GE-2a: Introductory Probability*¶ GE-2b: Applications in Statistics	
		Level - 200	<b>GE-3: Elements of Sampling Distributions*</b>	
			<b>GE-4a: Basics of Statistical Inference*</b> GE-4b: Statistical Computation using R	
			<b>GE-5a: Introduction to Statistical Linear Models*</b> GE-5b: Statistical Techniques for Quality Control	
			<b>GE-6a: Survey Sampling and Design of</b>	

			<b>Experiments*</b> GE-6b: Statistics in Actuaries	
		<b>Level -300</b>	Choose at most two: GE-7a: Non-Parametric methods GE-7b: Introduction to Bayesian Inference GE-7c: Elements of Stochastic Processes	
			Choose at most two: GE-8a: Order Statistics GE-8b: Statistics in Finance GE-8c: Introduction to Reliability Theory	
3	Microbiology	<b>Level - 100</b>	<b>Sem 1: GE-1 (Introduction and Scope of Microbiology)</b>	<b>3 GE Mandatory given</b>
	13.03.2024		Sem 2: GE 6 (Microbes in Environmental Management)	
		<b>Level - 200</b>	Sem 3/5 : GE 2 (Microbes in Health and Hygiene)	
			GE : 3 (Food Fermentation and Preservation Techniques)	
			Sem 4 /6 GE 5 (Microbes in Animal Health)	
			<b>GE-7 (Microbes in Infectious Diseases)</b>	
		<b>Level -300</b>	Sem 7 GE-4 (Microbial Quality Control and Testing)	
			<b>GE 8 (Applications of Microbes in Biotechnology)</b>	
			GE-9 (Fundamentals of Agricultural Microbiology)	
			GE-10 (Microbial Products in Therapeutics)	

4	Zoology	<b>100 Level</b>	<b>Exploring Animal World*</b>	<b>Approved GE courses for the UG programme considered mandatory to be studied to make as a minor discipline in Zoology (in bold)</b>
	15.04.2024		Nature and Wildlife Studies	
			Economic Zoology	
			Lifestyle disorders	
			Food Nutrition and Health	
			Introduction to Biology	
		<b>200 Level</b>	<b>Human Physiology*</b>	
			Water Borne Diseases: Understanding and Management	
			Microbiota: Importance in Health and Disease	
			Insect Vector and Diseases	
			Animal Cell Biotechnology	
			Introduction to Public Health and Epidemiology	
			Concept of Animal Behaviour	
			Model Organisms in Research	
			Nanobiology	
			Forensic Biology	
		<b>300 Level</b>	Developmental Biology	
			<b>Classical &amp; Molecular Cytogenetics*</b>	
			Fundamental of Immunology	
			Concepts of Human Metabolism	
			Neurobiology	
			Cell Biology	

		Concepts of Evolutionary Ecology			
		<b>ODD Semester</b>		<b>Even Semester</b>	
5	Psychology 02.04.2024	<b>100 Level</b>	<b>*Foundations of Psychology (T)</b>	<b>*Basics of Social Psychology (T)</b>	<b>Mandatory courses for students to claim minor in Psychology/Applied psychology are indicated in bold</b>
			Understanding Psychology (P)	Intergroup Relations (P)	
			Psychology for Healthy Living (T)	Health and Well-being (T)	
			Understanding Human Mind (T)	Self in Contemporary Society (T)	
		<b>200 Level</b>	Industrial and Organizational Psychology (P)	Youth and Mental Health (T)	
			<b>*Foundations of Developmental Psychology (P)</b>	Psychology at the Workplace (T)	
			Media Psychology (T)	Disability and Rehabilitation (T)	
			Identifying and Dealing with Psychological Disorders (P)	<b>*Foundations of Inquiry in Psychology (P)</b>	

			Psychology of Adjustment (T)	Group Processes and Dynamics at Work (P)	
				Negotiating Intimate Relationships (T)	
		<b>300 Level</b>	Cognitive Psychology in the Contemporary World (T)	Basics of Counseling Psychology (T)	
			Understanding Diversity (T)	Conflict and Conflict Management at Work (T)	
			Understanding Human Resources (T)	Psychology of Sexuality (T)	
			Psychology and Communities (T)	Yoga and Psychology (T)	
			Sports Psychology (P)	Family Relations (T)	

6	Philosophy 29.01.2024 Feb., 2024	<b>100 Level</b>	Ethics in Public Domain (EDP)	<b>GE Mandatory not given</b>
			Technology and Ethics	
			Constitution Morality	
			Media Ethics	
			Philosophical Issues	
			Arts and Film Appreciation	
			Critical Thinking	
			Engaged Buddhism	
			Philosophy, Political, Economics	
		<b>200 Level</b>	Formal Logic	
			Readings in Western Philosophy	
			Philosophical Debates Western	
			Bio Ethics	
			Philosophy of Ambedkar	
			Approaches of Indian Philosophy	
			Feminism	
			Philosophical Debates (Indian)	
			Sikhism	
			Philosophy of Education	
			Fundamental of Philosophy	
			Legal Philosophy	

			Feminist Theory	
			Care Ethics	
			Philosophical Counselling	
		<b>300 Level</b>	Bio Politics	
			Symbolic Logic	
			Social & Political Philosophy	
			Global Philosophy	
			Philosophy of Literature	
			Philosophical Methodology	
7	Punjabi 25.01.2024	<b>100 Level</b>	<b>Punjabi Bhasha Da Mudhla Padhar</b>	<b>Mandatory GEs are indicated in Bold</b>
			Punjab Di Lokdhara	
			Punjabi Sabhiyachar	
			<b>Viharak Punjabi</b>	
		<b>200 Level</b>	Adhunik Punjabi Kahani	
			DeshVand Di Punjabi Kavita	
			DeshVand Di Punjabi Kahani	
			<b>Punjabi Jeevni Sahit</b>	
			<b>Punjabi Nibandh Sahit</b>	
			<b>Desh Wand di Filmkari</b>	
		<b>300 Level</b>	<b>Punjabi Lok Sahit</b>	
			Bharti Gyan Prabandh: PramukhChintak	
			<b>Punjab Dian Lok Kalavan</b>	

8	Finance and Business Economics		Level 100	Level 200	Level 300	Remarks
	02.02.2024	BMS	<input type="checkbox"/> GE 1: Management Wisdom from India	<input type="checkbox"/> <b>GE 3: Finance for Non Finance Executives</b>	<input type="checkbox"/> GE 9: Ethics and Governance in Business	<b>Following 4 GEs are mandatory papers for granting minor status:</b> <b>GE 2: Fundamentals of Organisation Behavior</b> <b>GE 3: Finance for Non Finance Executives</b> <b>GE 4: Fundamentals of Marketing</b>
			<input type="checkbox"/> <b>GE 2: Fundamentals of Organisation Behavior</b>	<input type="checkbox"/> <b>GE 4: Fundamentals of Marketing Management</b>	<input type="checkbox"/> GE 10: Introduction to International Business	
				<input type="checkbox"/> GE 5: Financial Planning for Individuals	<input type="checkbox"/> GE 11: Wealth Management	
				<input type="checkbox"/> GE 6: Personal Selling	<input type="checkbox"/> GE 12: Family Business and Management	
				<input type="checkbox"/> <b>GE 7: Basics of Human Resource Management</b>		



						<b>Management GE 7: Basics of Human Resource Management</b>
				<input type="checkbox"/> GE 8: Dynamics of Start Ups		
		BBA (BFIA)	<input type="checkbox"/> <b>GE 1: Fundamentals of Financial Management</b>	<input type="checkbox"/> <b>GE 5:Essentials of Financial Investments</b>	<input type="checkbox"/> <b>GE 4:Fundamentals of Econometrics</b>	<b>To make a minor discipline in finance students must read the following four courses: GE 1:Fundamentals of Financial</b>
				<input type="checkbox"/> GE 7:Emerging Banking and Financial Services	<input type="checkbox"/> GE 2:Financial Management of Family Business	
			<input type="checkbox"/> GE 3: Fundamentals of Stock Trading	<input type="checkbox"/> GE 9:Economic Legislation	<input type="checkbox"/> Introduction to Mutual Funds (to be approved)	
				<input type="checkbox"/> GE 6:Personal Finance	<input type="checkbox"/> Introduction to Digital Finance(to be approved)	

				<input type="checkbox"/> <b>GE 8: Working Capital Management</b>	<input type="checkbox"/> <b>Introduction to Foreign Exchange Market (to be approved)</b>	<b>Management GE 5: Essentials of Financial Investments GE 4: Fundamentals of Econometrics GE : Introduction to Foreign Exchange Market</b>
					<input type="checkbox"/> <b>Entrepreneurial Finance (to be approved)</b>	
		BMMMC	<input type="checkbox"/> <b>GE 1: Social Media</b>	<input type="checkbox"/> <b>GE 3: Advertisement and</b>	<input type="checkbox"/> <b>GE 8: Communication and</b>	<b>Following 4 GEs are</b>

				<b>Media</b>	Disaster Management	<b>mandatory</b>
			<input type="checkbox"/> GE 2: Public Service Broadcasting	<input type="checkbox"/> <b>GE 4 : Reporting and Anchoring</b>	<input type="checkbox"/> <b>GE 9 : Development Communication</b>	for minor in Multi Media and Mass
				<input type="checkbox"/> GE 5: Theatre and Communication	<input type="checkbox"/> GE 10: Media Psychology	Communication discipline:
				<input type="checkbox"/> GE 6: Exploring Hindi Cinema	<input type="checkbox"/> GE 11: Gender and Media	GE 3: Advertisement and Media
				<input type="checkbox"/> GE 7: Media Moments in History	<input type="checkbox"/> <b>GE 12: Media Laws and Ethics</b>	GE 4 : Reporting and Anchoring
						GE 9 : Development Communication
						GE 12: Media Laws and Ethics
		BBE	<input type="checkbox"/> <b>GE 1: Principles</b>	<input type="checkbox"/> GE 7:	<input type="checkbox"/> GE 9: International	<b>Following</b>

			<b>of Economics (Semester 1)</b>	Economics of Startups (Semester 3)	Economics /GE 10: Indian Financial System (Semester 7)	<b>GEs are mandatory papers for granting minor status: GE 1: Principles of Economics GE 4: Statistics for Business GE 6: Introduction to Finance (preferably in 3rd year)</b>
				<input type="checkbox"/> <b>GE 6: Introduction to Finance (Semester 4)</b>		
			<input type="checkbox"/> <b>GE 4: Statistics for Business (Semester 2)</b>	<input type="checkbox"/> GE 3: Legal Environment of Business (Semester 5)	<input type="checkbox"/> GE 11: Economic Policy Framework / GE 12: Basic Econometrics / GE 8: Environmental Economics and Climate Change (Semester 8)	
				<input type="checkbox"/> GE 5: Quantitative Techniques of Management /	<b>GE 6: Introduction to Finance (preferably in 3rd year)</b>	

				GE 2: Introduction to Digital Marketing (Semester 6)		
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9	Linguistics	Level 100	Language and Crime	<b>Only 3 mandatory GE given</b>
	29.01.2024		Language and Media	
		Level 200	<b>Language and Mind</b>	<b>Mandatory</b>
			<b>Language Teaching</b>	<b>Mandatory</b>
		Level 300	<b>Language and Translation</b>	<b>Mandatory</b>
			N.A.	
			N.A.	
10	Botany	100 Level	<b>Plant Diversity and Human Welfare</b>	<b>Mandatory 3 GE course are given</b>
	31.01.2024	100 Level	Biofertilizer	
		100 Level	Protected Agriculture: Hydroponics and Organic Cultivation	
		100 Level	Green Belt Development and Urban Management for Smart Cities	
		100 Level	Ethnobotany	
		100 Level	Viewing Diversity in Nature	
		200 Level	Basic Laboratory and Field Skills in Plant Biology	
		200 Level	Agricultural Botany and Weed Science	
		200 Level	Industrial and Environmental Microbiology	
		200 Level	Environmental Biotechnology and Management	

		200 Level	Plant Tissue Culture	
		200 Level	Inheritance in Biology	
		200 Level	<b>Plant Health and Disease Diagnostics</b>	
		200 Level	Environmental Monitoring and Ecosystem Restoration	
		200 Level	Fundamentals of Molecular Biology	
		300 Level	<b>Intelligent Systems in Plants</b>	
		300 Level	Informatics and Statistics for Biology and Allied Sciences	
		300 Level	Plant Biotechnology	
		300 Level	Genetic Engineering technologies and Applications	
		300 Level	Genomics, Proteomics and Metabolomics	

		Home Science: Food and Nutrition	Home Science RMDA	Home Science FADS	Home Science Development Communication	Home Science HDCS	Food Technology
11	Lady Irwin College (HOME SCIENCE)	<b>Fundamentals of Human Nutrition</b>	<b>Essentials of Resource Management</b>	<b>Fashion and Apparel Concepts</b>	<b>Communication and Extension: Concepts and Theories</b>	Self development and well - being	<b>Food Science and Nutrition</b>
	31.01.2024						
	<b>100 Level</b>						
		Food Science	<b>Consumer Studies and Personal Finance</b>	<b>Essentials of Textiles</b>	<b>Communication Systems and Media</b>	Challenges in contemporary childhood.	<b>Food Processing &amp; Preservation</b>
			<b>Sustainability and Space Design</b>	Fashion Accessories			
	<b>200 Level</b>	<b>Nutrition for the Family</b>	Essentials of Human Resource Management	Apparel Design and Selection	<b>Extension Programme Design for Sustainable Development</b>	Adolescents and Youth in the Indian family	<b>Chemistry of Food</b>



		<b>Applied Human Physiology</b>	Interior Design & Decoration	Fabric Study	<b>Gender, Society and Development</b>	<b>Children and Human Rights in the Indian context</b>	<b>Food Microbiology &amp; Food Safety</b>
		Entrepreneurship for Small Catering Units		<b>Traditional Textiles of India</b>	Corporate Social Responsibility and NGO Management	Parenting knowledge and practices in today's world	Food Engineering & Packaging
				<b>Dyeing, Printing and Finishing</b>	Social and Behaviour Change: Approaches & Strategies	<b>Care and well-being across the lifespan</b>	
	<b>300 Level</b>	Current Concerns in Public Health Nutrition	Fundamentals of Ergonomic Design	Fashion Merchandising Management	Advertising and Social Marketing	<b>Elder care: Approaches and methods for compassionate</b>	Processing of Plant Foods

		<b>Concepts in Nutritional Biochemistry</b>	Resource Management for Sustainable Development	Pattern Making and Apparel Construction	Policy & Advocacy for Sustainable Development	<b>Social entrepreneurship for establishing children's programmes</b>	Processing of Animal and Marine Foods
		Diet Therapy	Product Development	Technical Textiles	Training & Capacity building	Women and mental health	Sensory Evaluation of Food
		Nutrition and Fitness	Marketing Management	Textiles for Interiors			
			Corporate Social Responsibility				
			Visual Design & Display				

12	Computer Science 18.06.2024	<b>100 Level (Mandatory)</b>	<b>Programming using Python/GE1b Programming using C++</b>	Any two courses offered by the Department of computer science (DSE/DSC/GE) that may also be from list (b) above
		<b>200 Level (Mandatory)</b>	<b>Data Structure</b>	
		<b>200 level</b>	Computer System Architecture	
		<b>200 level</b>	Database Management Systems	
		<b>200 level</b>	Operating Systems	
		<b>300 Level</b>	Computer Networks	
		<b>300 level</b>	Design and Analysis of Algorithms	
13	Persian		<b>ODD Semester</b>	<b>Even Semester</b>
	14.05.2024	<b>100 Level</b>	<b>Introduction to Elementary Persian Language*</b>	<b>Introduction to Intermediary level Persian *</b>
			History of Persian Literature (India)	An outline of the history of Persian language (Ancient Times)
		<b>200 Level</b>	<b>Spoken Persian - Level 1*</b>	Persian Grammer& Text
			Persian Translation of Indian writings during mughal period	Spoken Persian - Level 2
				<b>An outline history of language &amp; literature of Iran (Pre- Islamic Period) *</b>

		<b>300 Level</b>	Spoken Persian Level 3	History of Persian Literature during Qajar Period (1757-1921)
			Persian Newspaper and Journal Reading	History of Persian Literature during Pahalavi Period & Post Islamic Revolution in Iran (1925 to till date)
14	Sociology	<b>100 Level</b>	<b>Sociology and Everyday Life</b>	<p><b>A student may be awarded a 'Minor' in Sociology if they have:</b></p> <ul style="list-style-type: none"> <li>• On completion of VIII semester, earned a minimum 28 credits from seven GE courses in Sociology</li> <li>• Completed at least one 100 level GE Course (anyone from GE1-GE6)</li> <li>• Competed at least one 200 level GE course from the following three courses:</li> </ul> <p><b>GE 07 Social Inequalities</b> <b>GE 08 Cities and Society</b></p>
	15.05.2024 21.06.2024 28.06.2024		<b>Family and Intimacy</b>	
			<b>Understanding Indian Society</b>	
			<b>Gender, Power and Violence</b>	
			<b>Sociology of Intimate Life</b>	
			<b>Invitation to Sociological Theory</b>	
		<b>200 Level</b>	<b>Social Inequalities</b>	
			<b>Cities and Society</b>	
			Sociology of Climate Change	
			Sociology of Public Health	
			Sociology of Organizations	
			Sociology of Fashion	
			<b>Understanding Development</b>	
			Sociology of Disability	

			Sociology of Tourism	<b>GE 13 Understanding Development</b>  <b>Has Completed at least one 300 level GE course out of the following</b>  <b>GE 17 Key Debates in Sociology</b>  <b>Note : Once all the GE courses are finalized, more courses may be added to the above course bundles. A set of GE courses is under preparation and will be placed for approval alongwith Semester VII and VIII DSC courses.</b>  <b>Exception: if a student who was admitted under UGCF 2022 in the academic year 2022-23 or 2023-24 does not meet criteria 2 or 3 above, they</b>
			Sociology of Aging	
		<b>300 Level</b>	<b>Key Debates in Sociology*</b>	
			Media, Culture and Society	

				may either be exempted from the mandatory GE Course at the 100 level or be allowed to meet the criteria during semester V-VIII or III – VIII respectively.
15	Geography		<b>ODD Semester</b>	<b>Even Semester</b>
	01.04.2024	<b>100 Level</b>	<b>Geography of India *</b>	Climate Change and Adaptation
	19.02.2024		<b>Contemporary Environmental Issues</b>	World Regional Geography
	27.06.2024			Education for Sustainable Development
		<b>200 Level</b>	<b>Geography of Tourism *</b>	<b>disaster Management</b>
			<b>Spatial Information Technology</b>	Geography of Trade and Commerce
			Sustainable Development : Science and Policy Interface	<b>Geography of Health and Well Being*</b>
			Regional Development	
		<b>300 Level</b>	<b>Spatial Dimensions of Development</b>	Media Geography and Virtual Space
			Globalization and Mobility	Traditional Ecological Knowledge and Practices
			Geo Heritage and Geo Tourism	Geography of Conflict and Peace

				Studies
16	Arabic		<b>ODD Semester</b>	<b>Even Semester</b>
	20.05.2024	<b>100 Level</b>	<b>Basic Arabic Reading and Writing*</b>	<b>Elementary Arabic Grammar and Translation*</b>
			Conversation and Communication in Arabic	Spoken Arabic - 1
		<b>200 Level</b>	<b>Basic Arabic Translation*</b>	<b>Simple Arabic Text - 2*</b>
			Simple Arabic Text-1	Functional Arabic for Daily Use
				Spoken Arabic -2
		<b>300 Level</b>	Simple Arabic Text-3	Arab Culture and Civilization
			Impact of Arab Scholars on European Renaissance	Simple Arabic Text-4
			Arab World : A Brief Introduction	

17	Electronics Science B.Sc. (H) Instrumentation		<b>Sem I GE 1 (Any One)</b>	<b>Sem II GE 2 (Any One)</b>	
	18.05.2024				
		<b>100 Level</b>	1. Fundamentals of Instrumentation (INGE1A)	1. MATLAB and its Applications (INGE2A)	
			2. Engineering Physics (INGE1B)	Sensors and its Applications (INGE2B)	
				Nuclear & Biomedical Instrumentation (INGE4B):	
				<b>2. Sensors and its Applications (INGE2B)</b>	
		<b>200 Level</b>	<b>Sem III DSE/GE 3 (Any One)</b>	<b>Sem IV DSE/GE 4 (Any One)</b>	
			1. Virtual Instrumentation (INGE3A)	1. Signal and Image Processing (INGE4A)	
			2. Industrial and environmental techniques (INGE3B)	<b>2. Nuclear &amp; Biomedical Instrumentation (INGE4B)</b>	



			<b>Sem V GE 5 (Any One)</b>	<b>Sem VI GE 6 (Any One)</b>	
			1. Industrial safety Instruments (INGE5A)	1. Standardization and Quality Control (INGE6A)	
			<b>2. Instruments for chemical analysis (INGE5B)</b>	2. Wireless networks (INGE6B)	
			<b>(Max Two)</b>	<b>(Max Two)</b>	
	<i>300 Level</i>		<b>Sem VII DSE/GE 7</b>	<b>Sem VIII DSE/GE 10</b>	
			<b>Sem VII DSE/GE 8</b>	<b>Sem VIII DSE/GE 11</b>	
			<b>Sem VII DSE/GE 9</b>	<b>Sem VIII DSE/GE 12</b>	
			<b>1. Instrumentation &amp; Control (INGE7A)</b>		
			2. Photovoltaic technology and Applications (INGE7B)	1. Robotics (INGE8A)	
			3. Machine Intelligence (INGE7C)	2. Augmented and virtual reality (INGE8B)	

				3. 3D printing and design (INGE8B)	

**Note : List of GE courses of Instrumentation which are considered mandatory to be studied if a student wishes to make it a minor discipline:**

- **Sensors and its Applications (INGE2B)**
- **Nuclear & Biomedical Instrumentation (INGE4B)**
- **Instruments for chemical analysis (INGE5B)**
- **Instrumentation & Control (INGE7A)**

Electronic Science  B.Sc. (H) Electronic	<ul style="list-style-type: none"> <li>• GE 1: .Fundamentals of Electronics (Semester 1/2)</li> <li>• GE 2: Data Engineering and Analytics(Semester 1/2)</li> <li>• GE 3:Digital System Design (Semester 1/2)</li> <li>• GE 4:Data Visualization Techniques (Semester 1/2)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>GE 5: Instrumentation (Semester 3/4/5/6)</b> 27</li> <li>• <b>GE 6: Electronic Circuits and Interfacing (Semester 3/4/5/6)</b></li> <li>• GE 7: Fundamentals of 8085 Microprocessor (Semester 3/4/5/6)</li> <li>• GE 8: Microcontroller Systems(Semester 3/4/5/6)</li> <li>• GE 9: Arduino/ Rpi App Development (2:2) (Semester 3/4/5/6)</li> <li>• GE 10: Modelling and Simulation(Semester 3/4/5/6)</li> <li>• GE 11: Mobile Application Development (1:3)(Semester 3/4/5/6)</li> <li>• GE 12:Signals and Systems (Semester 3/4/5/6)</li> <li>• GE 13: Artificial Intelligence and Machine Learning(Semester 3/4/5/6)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>GE 14:Communication Systems ( Semester 5/6/7/8)</b></li> <li>• GE 15: Semiconductor Devices and their applications( Semester 5/6/7/8)</li> <li>• GE 16: Embedded System( Semester 5/6/7/8)</li> <li>• GE 17: Digital System Design using VHDL/Verilog( Semester 5/6/7/8)</li> <li>• GE 18: VLSI: Technology and Design( Semester 5/6/7/8)</li> <li>• GE 19: Digital Signal Processing( Semester 5/6/7/8)</li> <li>• GE 20: Process Control Systems( Semester 5/6/7/8)</li> <li>• GE 21: Internet of Things( Semester 5/6/7/8)</li> <li>• GE 22: Neural Networks( Semester 5/6/7/8)</li> <li>• GE 23: Robotics( Semester 5/6/7/8)</li> <li>• GE 24: Nanoelectronics( Semester 5/6/7/8)</li> </ul>	Following GEs are <b>mandatory</b> papers for minor in Electronicsdiscipline: <b>GE 5: Instrumentation</b> <b>GE 6: Electronic Circuits and Interfacing</b> <b>GE 14: Communication Systems</b>
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Following GEs are **mandatory** papers for minor in Electronics discipline:

**GE 5: Instrumentation**

**GE 6: Electronic Circuits and Interfacing**

**GE 14: Communication Systems**

18	Political Science	<b>200 Level</b>	Ideas in Indian Political Thought	<b>Mandatory GE courses not provided</b>
	14.06.2024	<b>100 Level</b>	Introduction to the Indian Constitution	
		<b>100 Level</b>	Nationalism in India	
		<b>300 Level</b>	Understanding International Relations	
		<b>200 Level</b>	Governance: Issues and Challenges	
		<b>300 Level</b>	Western Political Philosophy	
		<b>200 Level</b>	Politics of Globalisation	
		<b>200 Level</b>	Introduction to Public Policy	
		<b>200 Level</b>	Women and Politics in India: Concepts and Debates	
		<b>300 Level</b>	Digital Social Sciences	
19	Sanskrit	<b>100 Level</b>	<b>Basic Sanskrit</b>	<b>4 GE Mandatory given</b>
	20.05.2024		Basic Principal of Ayurveda	
			Machine Translation: Tools and Techniques	
			Philosophy of Yoga	
		<b>200 Level</b>	<b>Indian Aesthetics</b>	
			Sanskrit Narratologies	
			Tools and Techniques for	

			Computing Sanskrit Language	
			<b>Fundamental of Indian Philosophy</b>	
			<b>Indian Epigraphy and Palaeography</b>	
			Ancient Indian Polity	
			Introduction of Smriti Literature	
			Fundamental of Indian Knowledge System	
			Ancient Indian Medical Science	
			Basics of Hindu Studies	
		<b>300 Level</b>	Indian Legal System	
			Fundamental of Buddhist Philosophy	
			Fundamental of Jain Philosophy	
			Contribution of the Indian Knowledge System	
20	Mathematics	<b>100 Level</b>	<b>GE-1(i): Fundamentals of Calculus*</b> (3L + 1T) or	<b>* Mandatory GE courses to make a discipline as minor in mathematics, select atleast 5 Mandatory GE courses from the first and second category with a total of 7 (5+2 or 6+1) courses from all three</b>

			<b>categories.</b>
	13.06.2024		<b>GE-1(ii):</b> Theory of Equations and Symmetries (3L + 1T)
			<b>GE-2(i):</b> Analytic Geometry (3L + 1T)
			or
			<b>GE-2(ii):</b> Introduction to Linear Algebra*(3L + 1T)
		<b>200 Level</b>	<b>GE-3(i):</b> Differential Equations* (3L + 1T)
			or
			<b>GE-3(ii):</b> Lattices and Number Theory (3L + 1T)
			<b>GE-4(i):</b> Elements of Real Analysis* (3L + 1T) or
			<b>GE-4(ii):</b> Linear Programming (3L + 1T)
			<b>GE-5(i):</b> Numerical Methods (3L + 1P)
			or
			<b>GE-5(ii):</b> Mathematical Python (3L + 1P)
			or

			<b>GE-5(iii): Elementary Mathematical Analysis* (3L + 1T)</b>	
			<b>GE-6(i):</b> Introduction to Mathematical Modeling (3L + 1P)	
			<b>GE-6(ii):</b> Discrete Dynamical Systems (3L + 1P) or	
			<b>GE-6(iii): Abstract Algebra* (3L + 1T)</b>	
			Choose maximum <i>two</i>	
		<b>300 Level</b>	<b>GE-7(i):</b> Applied Algebra (3L + 1T)	
			<b>GE-7(ii): Elements of Metric Spaces* (3L + 1T)</b>	
			<b>GE-7(iii):</b> Introduction to Graph Theory (3L + 1T)	
			<b>GE-7(iv): Topics in Multivariate Calculus* (3L + 1T)</b>	
			Choose maximum <i>two</i>	
			<b>GE-8(i):</b> Coding Theory (3L + 1T)	
			<b>GE-8(ii): Elements of Partial Differential Equations*(3L + 1T)</b>	
			<b>GE-8(iii): Elements of Complex</b>	

			<b>Analysis*</b> (3L + 1T)	
			<b>GE-8(iv):</b> Optimization Techniques (3L + 1T)	
21	Music	<b>Not Given (Level)</b>	An Introduction of Hindustani Music	<b>Neither progression nor mandatory GE provided</b>
	14.06.2024		Performance & Viva -Voce	<b>Not identified</b>
			Basic concepts of Hindustani Music	<b>Therefore, a student must study at least 7 papers of GE music to obtain 28 credits. Since courses and syllabi of only 6 semesters have been made till now.</b>
			Performance & Viva -Voce	
			Study of Hinudstani Music	
			Performance & Viva-Voce	
			Theory of Indian Music, Granthas & Ragas	
			Performance & Viva -Voce	
			Study of Ragas, Talas and Musicology	
			Performance & Viva -Voce	
22	Hindi	<b>Level not given</b>	<b>Semester III GE Bhasha – Vigyan aur Bharat ka Bhashik Pridrashy</b>	<b>5 Mandatory GE given</b>



	13.06.2024		<b>Semester IV Hindi Sahitya ka itihās (āadikal se madhyakal tak)</b>	
			<b>Semester V Hindi Sahitya ka itihās (Adhunik kal)</b>	
			<b>Semester VI Bhartiya Kavyasahstra</b>	
			<b>Semester VII Sahitya Chintan</b>	
23	Physics	<b>100 Level</b>	Mechanics	<b>GE Mandatory not given</b>
	18.06.2024		Mathematical Physics	
			Electricity and Magnetism	
			Thermal Physics	
		<b>200 Level</b>	Waves and Optics	
			Introduction to Electronics	
			Modern Physics	
			Quantum Mechanics	
			Solid State Physics	
			Introductory Astronomy	
			Biological Physics	
			Nuclear and Particle Physics	
			Physics of Detectors	
		<b>300 Level</b>	Numerical Analysis and Computational Physics	

			Applied Dynamics	
			Quantum Information	
			Introduction to Embedded System Design	
			Nano Physics	
			Atomic and Molecular Physics	

24	History	<b>Level not given</b>	<ul style="list-style-type: none"> <li>➤ Common Pool of GE courses are applicable for both B.A. (Hons.) and B.A Multidisciplinary</li> <li>➤ In B.A. Multidisciplinary Programme there is no provision for the GE courses till 4<sup>th</sup> Semester.</li> <li>➤ GE courses are allowed in 5<sup>th</sup> &amp; 6<sup>th</sup> Semester for B.A. Multidisciplinary Programme.</li> <li>➤ GE courses are allowed from 1<sup>st</sup> to 6<sup>th</sup> Semester for B.A. (Hons.)</li> </ul>	<ul style="list-style-type: none"> <li>➤ For Minor in History apart from <b>any 6 GE Courses</b> chosen from the pool of GE Courses offered by History Department one <b>DSE course</b> of History may be taken up to complete 28 credits necessary for award of Minor in History.</li> </ul>
25	Geology 18.06.2024		<p>Response: <b><u>100 level (1st and 2nd</u></b> semester) First Category</p> <ol style="list-style-type: none"> <li>1. <b>Essentials of Geology (1st Sem)</b></li> <li>2. <b>Physics &amp; Chemistry of Earth (2nd Sem)</b></li> </ol>	<p><b><i>Point 2: Identify those GE courses for the UG programmes which are considered mandatory to be studied if a student wishes to make it a minor discipline.</i></b></p>

			<p><b><u>200 level (3rd to 6th Semester)</u></b>  <b><u>2nd</u></b> Category  1. Fossils &amp; Applications (3rd Sem)  2. <b>Natural Hazards and Mitigation (4th Sem)</b>  3. <b>Concepts of sustainability (5th Sem)</b>  4. <b>Evolution of life through time</b>  <b><u>300 level ( 7th and 8th semester) 3rd Category</u></b>  1. <b>Geoheritage&amp;Geotourism (7th Sem)</b>  2. <b>Groundwater management and water quality (8th Sem)</b></p>	<p>Response: Courses for the UG programme as minor discipline (Geology)  1. Essentials of Geology  2. Physics &amp; Chemistry of Earth  3. Natural Hazards and Mitigation  4. Concepts of sustainability  5. Evolution of life through time  6. Geoheritage and Geotourism  7. Groundwater management and water quality</p>
26	Urdu 18.06.2024		<p>Urdu GE Courses for the UG programmes In <b><u>Progression 100 Level</u></b> (May be offered in I &amp; II semester) 1. Elementary Urdu 2. Study of Poet NazirAkbarabadi 3. <b>Study of Short Story Writer Premchand1</b> 4. Study of Urdu</p>	<p>GE Mandatory courses given</p> <ul style="list-style-type: none"> <li>• <b>Study of Short Story Writer Premchand1</b></li> <li>• <b>Study of Urdu Poetry II</b></li> <li>• <b>Study of Urdu Prose II</b></li> <li>• <b><u>Poet Iqbal</u></b></li> </ul>

			<p>Poetry I 5. Study of Urdu Prose I  <u><b>200 Level (May be offered from III to VI semester)</b></u> 1. <b>Study of Urdu Poetry II 2. Study of Urdu Prose II</b> 3. Study of Short Story Writer Manto 4. Film and Stage Drama 5. Poet Akbar Allahabadi 6. Short Story writer KrishanChandar 7. Print Media in Urdu 8. Electronic Media in Urdu  <u><b>300 Level (May be offered from V to VIII semester)</b></u> 1. Study of Development of Urdu 2. Poet Faiz Ahmed Faiz 3. Short Story writer Rajinder Singh Bedi 4. <b><u>Poet Iqbal</u></b> 5. Short Story Writer Qurratul Ain Hayder</p>	
27	Commerce	<b>Odd</b>	<b>100 Level</b>	<b>GE 1.1 Business Organisation</b>
	18.06.2024			GE 1.2 Finance for Everyone
				GE 1.3 Marketing for Beginners
				GE 1.4 Accounting for Everyone
				GE 1.5 Computer Applications in Business
				GE 1.6 Bhartiya Gyan Parampara

				GE 1.7 Basic Personal Taxation
			<b>200 Level</b>	GE 3.1 General Management
				GE 3.2 Basics of Advertising
				GE 3.3 Investing in Stock Markets
				<b>GE 3.4 Financial Statement Analysis</b>
				GE 5.1 Fundamentals of Human Resource Management
				GE 5.2 Project Management
				GE 5.3 Digital Marketing
				GE 5.4 Ethics and Governance
		<b>Even semester</b>	<b>100 Level</b>	GE 2.1 Communication in Management
				<b>GE 2.2 Financial Management for Beginners</b>
				GE 2.3 Sales Promotion
				GE 2.4 Computerised Accounting System
			<b>200 Level</b>	GE 4.1 Basics of Organisational Behaviour
				GE 4.2 Personal Financial Planning
				GE 4.3 Brand Management

				<b>GE 4.4 Accounting for Managerial Decision Making</b>
				GE 4.5 Fundamentals of International Business
				GE 6.1 Leadership Development
				GE 6.2 Data Visualisation
				GE 6.3 Logistics Management

**Note : The following GE courses would be mandatory for a student who wants to pursue a Minor Degree in Commerce Discipline that can enable her/him to take Master’s degree in the Discipline:**

- **Business Organisation**
- **Financial Management for Beginners**
- **Financial Statement Analysis**
- **Accounting for Managerial Decision Making**

28	Biomedical Science	<b>100 Level</b>	Landmark Discoveries in Science	GE Mandatory given <i>*To earn a minor degree in Biomedical Science, a student must study seven Generic Elective (GE) papers. These papers must be selected from the pool of mandatory GE papers (3-4) and DSE papers (3-4) as highlighted in red in the tables</i>
	25.06.2024		Pandemic: challenges and Preparedness	
			<b>Understanding the Human Body Systems</b>	
		<b>200 Level</b>	Biochemical Basis of Life	
			<b>Concepts in Medicinal Chemistry (Proposed)</b>	
			Environment Sustainability and Biomedical Waste Management (Added from DSE)	
			<b>Genetic Basis of Human Diseases (Title reframed)</b>	
			<b>Health and Body Defense System</b>	
			<b>Statistical Concepts in Biology</b>	
			Practices in Biosafety (Added from DSE)	
		<b>300 Level</b>	Bridging Ancient Practices and Modern Biomedical Research (Added from DSE)	
			Concepts in Biotechnology	



			<b>Pathological Basis of Disease</b>	
			<b>Pharmacological Science (Title reframed)</b>	
			<b>Toxic Substances and Human Health</b>	

**29 : Germanic & Romance Studies**

**Received on 27.06.2024**

**GE courses under the Department of Germanic & Romance Studies**

**GE Papers in Portuguese**

The GE courses proposed by the Department of Germanic and Romance Studies are not stand- alone. They must be done in progression according to the order specified in the following table. Since most of these courses are language courses, students have to attain a particular level to do the next level course. The courses are of 4 credits (Consisting of 4 Lectures and 1 Tutorial/week) each and a student completing 28 credits opting for 7 of the same language course can obtain a minor in the given language. The progression of courses is given below and the first four marked **with an asterisk may be**

considered mandatory:

<b><u>100 LEVEL</u></b>	GE1-BasicCommunicativePortuguese1*
<b><u>100 LEVEL</u></b>	GE2-BasicCommunicativePortuguese2*
<b><u>200 LEVEL</u></b>	GE3-IntermediateCommunicativePortuguese(1)*
200 LEVEL	GE4-IntermediateCommunicativePortuguese(2)*
300 LEVEL	GE5-AdvancedCommunicativePortuguese(1)
300 LEVEL	GE6-AdvancedCommunicativePortuguese(2)
300 LEVEL	GE7 - StudyingPortuguesethrough Texts (1)
300 LEVEL	GE8 - StudyingPortuguesethrough Texts (2)
400 LEVEL	GE9- BasicTranslationSkillsinPortuguese
400 LEVEL	GE10 - HistoryofPortugalandtheLusophoneWorld
400 LEVEL	GE11-IntroductiontoLifeinPortugalandPortuguese-speaking Countries
<b><u>400 LEVEL</u></b>	GE12-Reading LiteratureinPortuguese

### **GE Papers in German**

The GE courses proposed by the Department of Germanic and Romance Studies are not stand-alone. They must be done in progression according to the order specified in the following table. Since most of these courses are language courses, students have to attain a particular level to do the next level course. The courses are of 4 credits (Consisting of 4 Lectures and 1 Tutorial/week) each and a student completing 28 credits opting for 7 of the same language course can obtain a minor in the given language. The progression of courses is given below and the first four marked **with an asterisk may be considered mandatory**:

100 LEVEL GE 1: Basic Communicative German 1\*

100 LEVEL GE 2: Basic Communicative German 2\*

200 LEVEL GE 3: Intermediate Communicative German (1)\*

200 LEVEL GE 4: Intermediate Communicative German (2)\*

300 LEVEL GE 5: Advanced Communicative German (1)

300 LEVEL GE 6: Advanced Communicative German (2)

300 LEVEL GE 7: Studying German through Texts (1)

300 LEVEL GE 8: Studying German through Texts (2)

400 LEVEL GE 9: Basic Translation Skills in German

400 LEVEL GE 10: History of Germany and the German-speaking World

400 LEVEL GE 11: Introduction to Life in Germany and German-speaking

400 LEVEL GE 12: Reading Literature in German

### **GE Papers in French**

The GE courses proposed by the Department of Germanic and Romance Studies are not stand-alone. They must be done in progression according to the order specified in the following table. Since most of these courses are language courses, students have to attain a particular level to do the next level course. The courses are of 4 credits (Consisting of 4 Lectures and 1 Tutorial/week) each and a student completing 28 credits opting for 7 of the same language course can obtain a minor in the given language. The progression of courses is given below and the first four marked **with an asterisk may be considered mandatory**:

100 LEVEL	GE1-Basic Communicative French 1*
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100 LEVEL	GE2-BasicCommunicativeFrench 2*
200 LEVEL	GE3-IntermediateCommunicativeFrench(1)*
200 LEVEL	GE4-IntermediateCommunicativeFrench(2)*
300 LEVEL	GE5-AdvancedCommunicativeFrench(1)
300 LEVEL	GE6-AdvancedCommunicativeFrench(2)
300 LEVEL	GE7 -Studying Frenchthrough Texts (1)
300 LEVEL	GE8 -Studying Frenchthrough Texts (2)
400 LEVEL	GE9- BasicTranslationSkillsinFrench
400 LEVEL	GE10- HistoryofFranceandtheFrancophoneWorld
400 LEVEL	GE11-IntroductiontoLifeinFranceandFrench-speaking Countries
400 LEVEL	GE12- ReadingLiteratureinFrench

100 LEVEL	GE1:BasicCommunicativeSpanish1*
100 LEVEL	GE2:BasicCommunicativeSpanish2*
200 LEVEL	GE3:IntermediateCommunicativeSpanish(1)*
200 LEVEL	GE4:IntermediateCommunicativeSpanish(2)*
300 LEVEL	GE5:AdvancedCommunicativeSpanish(1)
300 LEVEL	GE6:AdvancedCommunicativeSpanish(2)
300 LEVEL	GE7: StudyingSpanishthrough Texts (1)

### **GEPapersinSpanish**

The GE courses proposed by the Department of Germanic and Romance Studies are not stand- alone. They must be done in progression according to the order specified in the following table. Since most of these courses are language courses, students have to attain a particular level to do thenextlevelcourse.Thecoursesareof4credits(Consistingof4Lecturesand1Tutorial/week) each and a student completing 28 credits opting for 7 of the same language course can obtain a minorinthegivenlanguage.Theprogressionofcoursesisgivenbelowandthefirstfourmarked **with an asterisk may be considered mandatory:**

300 LEVEL	GE8: StudyingSpanishthrough Texts (2)
400 LEVEL	GE9:BasicTranslationSkillsinSpanish
400 LEVEL	GE10:HistoryofSpainandtheSpanish-speakingWorld
400 LEVEL	GE11:IntroductiontoLifeinSpainandSpanish-speaking Countries
400 LEVEL	GE12:ReadingLiteratureinSpanish

### GE Papers in Italian

The GE courses proposed by the Department of Germanic and Romance Studies are not stand-alone. They must be done in progression according to the order specified in the following table. Since most of these courses are language courses, students have to attain a particular level to do the next level course. The courses are of 4 credits (Consisting of 4 Lectures and 1 Tutorial/week) each and a student completing 28 credits opting for 7 of the same language course can obtain a minor in the given language. The progression of courses is given below and the first four marked with an asterisk may be considered mandatory:

100 LEVEL	GE1: Basic Communicative Italian 1*
100 LEVEL	GE2: Basic Communicative Italian 2*
200 LEVEL	GE3: Intermediate Communicative Italian (1)*
200 LEVEL	GE4: Intermediate Communicative Italian (2)*
300 LEVEL	GE5: Advanced Communicative Italian (1)
300 LEVEL	GE6: Advanced Communicative Italian (2)
300 LEVEL	GE7: Studying Italian through Texts (1)
300 LEVEL	GE8: Studying Italian through Texts (2)



400 LEVEL	GE9:BasicTranslationSkillsinItalian
400 LEVEL	GE10:HistoryofItalyandtheItalian-speaking World
400 LEVEL	GE11:IntroductiontoLifeinItalyandItalian-speaking Countries
400 LEVEL	GE12:ReadingLiteratureinItalian

30. Social Work (received on 03.07.2024)	<b><i>Level not given</i></b>	<b>GE Mandatory not given</b>	
31. Operational Research (Received on 31.01.2024)	<b><i>Level not given</i></b>	<p><b>The Department is offering one GE paper in each semester</b>  <b>The GEs which are considered mandatory to make it a minor discipline in B.Sc. (Hons.) Operational Research are:</b></p> <ul style="list-style-type: none"> <li>i. Introduction to Operational Research and Linear Programming</li> <li>ii. Production and Inventory Management</li> <li>iii. Queueing and Reliability Theory</li> <li>iv. Convex and Discrete Optimization</li> <li>v. Scheduling Techniques</li> <li>vi. Quantitative Modelling in Marketing</li> <li>vii. GE offered in Semester VII or Semester VIII (Syllabi of Sem. VII and Sem. VIII yet to be approved)</li> </ul>	

32 English (received on 20.02.2024)		<p><b><u>ODD Semester GE Courses:</u></b></p> <ul style="list-style-type: none"> <li>• Indian English Literatures</li> <li>• Literature &amp; Human Rights</li> <li>• Genre Fiction</li> <li>• Language and Culture</li> <li>• Readings on Indian Diversities and Literary Movements</li> <li>• Dystopian Writings</li> <li>• Research Methodology (Semester 6<sup>th</sup>&amp; 7<sup>th</sup>)</li> </ul> <p><b><u>Even Semester GE Courses</u></b></p> <ul style="list-style-type: none"> <li>• Research Methodology (Semester 6<sup>th</sup>&amp; 7<sup>th</sup>)</li> <li>• Culture &amp; Theory</li> <li>• Contemporary India: Women and Empowerment</li> <li>• The Individual and Society</li> <li>• Cinematic Adaptations of Literary Texts</li> <li>• Marginalities in Indian Writing</li> </ul>	<p>As per UGCF, in order to opt for a subject as 'Minor', a student is required to complete 7 GE courses of the Subjects. In order to opt for English as Minor, student would be required to complete 7 GE courses, that is two grade courses, three 200 grade courses and two 300 grade courses, including the 4 mandatory GE courses given below.</p> <p><b>The 4 Mandatory GE course to be completed by a student wishing to undertake English</b></p>
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		<ul style="list-style-type: none"> <li>• Travel Writings</li> <li>• Twentieth Century Drama</li> <li>• Indian Classical Literature</li> <li>• Life and Literature</li> <li>• Indian English Literatures</li> <li>• Culture and Theory</li> </ul> <p><b><u>The 100 Grade GE courses are:</u></b></p> <ul style="list-style-type: none"> <li>• Indian English Literatures</li> <li>• Indian Classical Literature</li> <li>• Literature &amp; Human Rights</li> <li>• Life and Literature</li> </ul> <p><b><u>The 200 Grade GE courses are:</u></b></p> <ul style="list-style-type: none"> <li>• Genre Fiction</li> <li>• Cinematic Adaptations of Literary Texts</li> <li>• Marginalities in Indian Writing</li> <li>• Dystopian Writings</li> <li>• Travel Writings</li> <li>• Twentieth Century Drama</li> </ul> <p><b><u>The 300 Grade GE Courses are:</u></b></p>	<p><b>as Minor</b></p> <ul style="list-style-type: none"> <li>• <b>Genre Fiction</b></li> <li>• <b>Indian Classical Literature</b></li> <li>• <b>Indian English Literature</b></li> <li>• <b>Culture &amp; Theory</b></li> </ul>
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		<ul style="list-style-type: none"> <li>• Research Methodology &amp;</li> <li>• Language and Culture</li> <li>• Culture &amp; Theory</li> <li>• Readings on Indian Diversities and Literary Movements</li> <li>• Contemporary India: Women and Empowerment</li> <li>• The Individual and Society</li> </ul>	
33 Biochemistry (received on 20.02.2024)	<p><b>100 Level</b></p> <p><b>200/ 300 Level</b></p> <p><b>400 level</b></p>	<ul style="list-style-type: none"> <li>• Public Health Biology</li> <li>• Nutrition and Food Science</li> <li>• Physiology of Sports and Exercise</li> <li>• <b>Molecules of Life</b></li> <li>• Techniques in Biochemistry</li> <li>• <b>Basics of Cell Biology</b></li> <li>• Protein and Enzymes</li> <li>• <b>Intermediary Metabolism</b></li> <li>• <b>Gene Organization, Expression and Regulation</b></li> <li>• Tools of Genetics Engineering</li> <li>• <b>Basics of Immunology</b></li> <li>• Biochemical Correlation of Diseases</li> </ul>	<p><b>The 4 Mandatory GE course to be completed by a student wishing to undertake Bio-Chemistry as Minor</b></p> <ul style="list-style-type: none"> <li>• <b>Molecules of Life</b></li> <li>• <b>Basics of Cell Biology</b></li> <li>• <b>Gene Organization, Expression and Regulation</b></li> </ul>

			<ul style="list-style-type: none"><li>• <b>Basics of Immunology</b></li></ul>
34Chemistry (received on 06.05.2024)		<b>Mandatory GE courses which the student can opt during Undergraduate Programme as follows:</b>  <b>1. GE 1 : Atomic Structure (100)</b> <b>2. GE 4 : Basic concepts of Organic Chemistry (100)</b> <b>3. GE 7: States of Matter (200)</b>  <b>OR</b>  <b>4. GE 8 : Chemical Kinetics and Photochemistry (200)</b>	

