

S.No.	Department		Total GE given	Mandatory
1	Anthropology	Level - 100	Sem 1: Biodiversity and Indigenous Knowledge	04 GE Mandatory given <ul style="list-style-type: none"> • Sem 1: Biodiversity and Indigenous Knowledge • Sem 3: Anthropology and Fieldwork • Sem 4: Tribes of India • Sem 8 : Public Policy and Governance
			Sem 2: Customary Law	
		Level -200	Sem 3: Anthropology and Fieldwork	
			Sem 4: Tribes of India	
		Sem 5: Anthropology of Sustainable Development		
		Sem 6: Environment and Health		
		Level - 300	Sem 7: Gender and Society	
			Sem 8 : Public Policy and Governance	
2	Statistics	Level - 100	1a. Introduction to Statistics*	* 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.)
			1b. Time Series Analysis and Index Numbers	
			1c. Basic Statistics	
		Level - 200	2a. Introductory Probability **	
			2b. Applications in Statistics.	
		3a.Sampling Distributions*		
		3b Psychological and Educational Statistics		
		4a. Basics of Statistical Inference *		
		4b. Statistical Computation using R		
		5a. Introduction to Statistical Linear Models *		
		5b. Statistical Techniques for Quality Control		
		6a. Survey Sampling and Design of Experiments*		
		6b. Statistics in Actuaries		

		Level 300	7a. Non-Parametric Methods	
			7b. Introduction to Bayesian Inference	
			7c. Elements of Stochastic Processes	
			8a. Order Statistics	
			8b. Statistics in Finance	
			8c. Introduction to Reliability Theory	
3	Microbiology	Level - 100	Sem 1: GE-1 (Introduction and Scope of Microbiology)	3 GE Mandatory given
			Sem 2: GE 6 (Microbes in Environmental Management)	
		Level - 200	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)	
			GE-7 (Microbes in Infectious Diseases)	
		Level -300	Sem 7 GE-4 (Microbial Quality Control and Testing)	
			GE 8 (Applications of Microbes in Biotechnology)	
			GE-9 (Fundamentals of Agricultural Microbiology)	
			GE-10 (Microbial Products in Therapeutics)	
4	Zoology	100 Level	Exploring Animal World*	Approved GE courses for the UG programme considered mandatory to be studied to make as a minor discipline in Zoology
			Nature and Wildlife Studies	
			Economic Zoology	
			Lifestyle disorders	
			Food Nutrition and Health	
			Introduction to Biology	
		200 Level	Human Physiology*	

			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	
		<i>300 Level</i>	Developmental Biology	
			Classical & Molecular Cytogenetics*	
			Fundamental of Immunology	
			Concepts of Human Metabolism	
			Neurobiology	
			Cell Biology	
			Concepts of Evolutionary Ecology	

			ODD Semester	Even Semester	
5	Psychology	100 Level	*Foundations of Psychology (T)	*Basics of Social Psychology (T)	Mandatory courses for students to claim minor in Psychology/Applied psychology are indicated in bold
			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)	
		200 Level	Industrial and Organizational Psychology (P)	Youth and Mental Health (T)	
			*Foundations of Developmental Psychology (P)	Psychology at the Workplace (T)	
			Media Psychology (T)	Disability and Rehabilitation (T)	
			Identifying and Dealing with Psychological Disorders (P)	*Foundations of Inquiry in Psychology (P)	
			Psychology of Adjustment (T)	Group Processes and Dynamics at Work (P)	
				Negotiating Intimate Relationships (T)	

		300 Level	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	<i>100 Level</i>	Ethics in Public Domain	GE Mandatory not given
			Technology and Ethics	
			Constitution Morality	
			Media Ethics	
			Arts and Film Appreciation	
			Critical Thinking	
			Engaged Buddhism	
			Philosophy, Political, Economics	
		<i>200 Level</i>	Formal Logic	
			Readings in Western Philosophy	
			Philosophical Debates Western	
			Bio ethics	
			Symbolic Logic	
			Feminism	
			Philosophical Debates (Indian)	
			Sikhism	
			Legal Philosophy	
			Feminist Theory	
			Care Ethics	
		<i>300 Level</i>	Philosophy of Education	
			Philosophy of B.R. Ambedkar	
			Bio Politics	
			Global Philosophy	

			Philosophical Counselling	
			Philosophy of Literature	
7	Punjabi	100 Level	Punjabi Bhasha Da MudhlaPadhar	
			Punjab Di Lokdhara	
			Punjabi Sabhiyachar	
			Viharak Punjabi	
		200 Level	Adhunik Punjabi Kahani	
			DeshVand Di Punjabi Kavita	
			DeshVand Di Punjabi Kahani	
			Punjabi JeevniSahit	
			Punjabi NibandhSahit	
			Desh Wand di Filmkari	
		300 Level	Punjabi Lok Sahit	
			Bharti Gyan Prabandh: PramukhChintak	
			Punjab Dian Lok Kalavan	

		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)	Fundamentals of Human Nutrition	Essentials of Resource Management		Communication and Extension: Concepts and Theories		
	<i>100 Level</i>			Fashion and Apparel Concepts		Self development and well - being	Food Science and Nutrition
		Food Science	Consumer Studies and Personal Finance	Essentials of Textiles	Communication Systems and Media	Challenges in contemporary childhood.	Food Processing & Preservation
			Sustainability and Space Design	Fashion Accessories			
			Essentials of Human Resource Management		Extension Programme Design for Sustainable Development	Adolescents and Youth in the Indian family	
	<i>200 Level</i>	Nutrition for the Family		Apparel Design and Selection			Chemistry of Food

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

		Concepts in Nutritional Biochemistry	Resource Management for Sustainable Development	Pattern Making and Apparel Construction	Policy & Advocacy for Sustainable Development	Social entrepreneurship for establishing children's programmes	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	100 Level	Programming using Python/GE1b	Any other 4 credit courses offered by the Department of Computer Science (DSE/DSC/GE) to complete the requirement of 28 credits.
		200 Level	Programming using C++	
		100 level	Computer System Architecture	
		200 level	Database Management Systems	
		200 level	Operating Systems	
		300 Level	Computer Networks	
		300 level	Design and Analysis of Algorithms	
13	Persian		ODD Semester	Even Semester
		100 Level	Introduction to Elementary Persian Language*	Introduction to Intermediary level Persian *
			History of Persian Literature (India)	An outline of the history of Persian language (Ancient Times)
		200 Level	Spoken Persian - Level 1*	Persian Grammer& Text
			Persian Translation of Indian writings during mughal period	Spoken Persian - Level 2
				An outline history of language & literature of Iran (Pre- Islamic Period) *
		300 Level	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	<i>100 Level</i>	Sociology and Everyday Life	
			Family and Intimacy	
			Understanding Indian Society	
			Gender, Power and Violence	
			Sociology of Intimate Life	
			Invitation to Sociological Theory	
		<i>200 Level</i>	Social Inequalities	
			Cities and Society	
			Sociology of Climate Change	
			Sociology of Public Health	
			Sociology of Organizations	
			Sociology of Fashion	
			Understanding Development	
			Sociology of Disability	
			Sociology of Tourism	
			Sociology of Aging	
		<i>300 Level</i>	Key Debates in Sociology*	
			Media, Culture and Society	
15	Geography	<i>100 Level</i>	Geography of India *	
			Spatial Dimensions of Development	
			Geography of Health and Well Being	
			Globalization and Mobility	

			disaster Management	
			Traditional Ecological Knowledge and Practices	
		<i>200 Level</i>	Contemporary Environmental Issues	
			Geography of Tourism *	
			Spatial Information Technology	
			Sustainable Development : Science and Policy Interface	
			Geography of Conflict and Peace Studies	
			Regional Development	
			World Regional Geography	
			Geography of Trade and Commerce	
			Climate Change and Adaptation	
			Geo Heritage and Geo Tourism	
			Media Geography and Virtual Space	
			Education for Sustainable Development	
		<i>300 Level</i>	Geopolitics and International Relations	
			Geography of Settlement	

			Geography of Behavior and Emotions	
			Food Security	
			Environmental Ethics and Law	
			Community Health and Social Wellbeing	
16	Arabic		ODD Semester	Even Semester
		<i>100 Level</i>	Basic Arabic Reading and Writing*	Elementary Arabic Grammar and Translation*
			Conversation and Communication in Arabic	Spoken Arabic - 1
		<i>200 Level</i>	Basic Arabic Translation*	Simple Arabic Text - 2*
			Simple Arabic Text-1	Functional Arabic for Daily Use
				Spoken Arabic -2
		<i>300 Level</i>	Simple Arabic Text-3	Arab Culture and Civilization
			Impact of Arab Scholars on European Renaissance	Simple Arabic Text-4
			Arab World : A Brief Introduction	

			Sem I GE 1 (Any One)	Sem II GE 2 (Any One)	List of GE courses of Instrumentation which are considered mandatory to be studied if a student wishes to make it a minor discipline.
17	Electronics Science				
		100 Level	1. Fundamentals of Instrumentation (INGE1A)	1. MATLAB and its Applications (INGE2A)	1. Sensors and its Applications (INGE2B): Category I (Level 100)
			2. Engineering Physics (INGE1B)		2. Nuclear & Biomedical Instrumentation (INGE4B): Category II (Level 200)
				2. Sensors and its Applications (INGE2B)	3. Instruments for chemical analysis (INGE5B): Category II (Level 200)
			Sem III DSE/GE 3 (Any One)	Sem IV DSE/GE 4 (Any One)	
					4. Instrumentation & Control s(INGE7A):

					Category III (Level 300)
		200 Level	1. Virtual Instrumentation (INGE3A)	1. Signal and Image Processing (INGE4A)	
			2. Industrial and environmental techniques (INGE3B)	2. Nuclear & Biomedical Instrumentation (INGE4B)	
			Sem V GE 5 (Any One)	Sem VI GE 6 (Any One)	
			1. Industrial safety Instruments (INGE5A)	1. Standardization and Quality Control (INGE6A)	
			2. Instruments for chemical analysis (INGE5B)	2. Wireless networks (INGE6B)	
			(Max Two)	(Max Two)	
		300 Level	Sem VII DSE/GE 7	Sem VIII DSE/GE 10	
			Sem VII DSE/GE 8	Sem VIII DSE/GE 11	
			Sem VII DSE/GE 9	Sem VIII DSE/GE 12	

			1. Instrumentation & Control (INGE7A)		
			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)	

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

			Tools and Techniques for Computing Sanskrit Language	
			Fundamental of Indian Philosophy	
			Indian Epigraphy and Paleography	
			Ancient Indian Polity	
			Introduction of Smriti Literature	
			Fundamental of Indian Knowledge System	
			Ancient Indian Medical Science	
			Basics of Hindu Studies	
		300 Level	Indian Legal System	
			Fundamental of Buddhist Philosophy	
			Fundamental of Jain Philosophy	
			Contribution of the Indian Knowledge System	
20	Mathematics	100 Level	GE-1(i): Fundamentals of Calculus* (3L + 1T) or	Atleast 5 mandatory GE courses from the first and second category with a total of 7 from all three category
			GE-1(ii): Theory of Equations and Symmetries (3L + 1T)	
			GE-2(i): Analytic Geometry (3L + 1T)	

			or	
			GE-2(ii): Introduction to Linear Algebra*(3L + 1T)	
		<i>200 Level</i>	GE-3(i): Differential Equations* (3L + 1T)	
			or	
			GE-3(ii): Lattices and Number Theory (3L + 1T)	
			GE-4(i): Elements of Real Analysis* (3L + 1T) or	
			GE-4(ii): Linear Programming (3L + 1T)	
			GE-5(i): Numerical Methods (3L + 1P)	
			or	
			GE-5(ii): Mathematical Python (3L + 1P)	
			or	
			GE-5(iii): Elementary Mathematical Analysis* (3L + 1T)	
			GE-6(i): Introduction to Mathematical Modeling (3L + 1P)	

			GE-6(ii): Discrete Dynamical Systems (3L + 1P) or	
			GE-6(iii): Abstract Algebra* (3L + 1T)	
			<u>Choose maximum <i>two</i></u>	
		300 Level	GE-7(i): Applied Algebra (3L + 1T)	
			GE-7(ii): Elements of Metric Spaces* (3L + 1T)	
			GE-7(iii): Introduction to Graph Theory (3L + 1T)	
			GE-7(iv): Topics in Multivariate Calculus* (3L + 1T)	
			<u>Choose maximum <i>two</i></u>	
			GE-8(i): Coding Theory (3L + 1T)	
			GE-8(ii): Elements of Partial Differential Equations*(3L + 1T)	
			GE-8(iii): Elements of Complex Analysis* (3L + 1T)	
			GE-8(iv): Optimization Techniques (3L + 1T)	
21	Music	Not Given (Level)	An Introduction of Hindustani Music	Neither progression nor mandatory GE provided
			Performance & Viva -Voce	Not identified

			Basic concepts of Hindustani Music	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.
			Performance & Viva -Voce	
			Theory of Indian Music, Granthas & Ragas	
			Performance & Viva -Voce	
			Musicology & Study of Ragas and Talas	
			Performance & Viva -Voce	
			Theoretical & Practical aspects of Hindustani Music	
			Practical Component	
			Study of Ragas, Talas and Musicology	
			Performance & Viva -Voce	
22	Hindi	<i>Level not given</i>	Semester III GE Bhasha – Vigyan aur Bharat ka BhashikPridrashy	5 Mandatory GE given
			Semester IV Hindi Sahitya ka itihas	
			Semester V Hindi Sahitya ka itihas (Adhunikkal)	
			Semester VI Bhartiya Kavyasahstra	

		Semester VII Sahitya Chintan	
--	--	------------------------------	--

23	Physics	<i>100 Level</i>	Mechanics	GE Mandatory not given
			Mathematical Physics	
			Electricity and Magnetism	
			Thermal Physics	
		<i>200 Level</i>	Waves and Optics	
			Introduction to Electronics	
			Modern Physics	
			Quantum Mechanics	
			Solid State Physics	
			Introductory Astronomy	
			Biological Physics	
			Nuclear and Particle Physics	
			Physics of Detectors	
		<i>300 Level</i>	Numerical Analysis and Computational Physics	
			Applied Dynamics	
			Quantum Information	
			Introduction to Embedded System Design	
			Nano Physics	
			Atomic and Molecular Physics	
24	History	<i>Level not given</i>	(Correction is required as the course 'Thoughts in Indian History')	

			<p>included with Headings as Discipline Specific Course (DSE-2), this heading is to be deleted and making it in continuity a part of GE Courses-total 3 courses in V Semester)</p> <ul style="list-style-type: none"> ➤ Common Pool of GE courses are applicable for both B.A. (Hons.) and B.A Multidisciplinary ➤ In B.A. Multidisciplinary Programme there is no provision for the GE courses till 4th Semester. ➤ GE courses are allowed in 5th & 6th Semester for B.A. Multidisciplinary Programme. ➤ GE courses are allowed from 1st to 6th Semester for B.A. (Hons.) ➤ For Minor in History apart from any 6 GE Courses 	
--	--	--	--	--

			chosen from the pool of GE Courses offered by History Department one DSE course of History may be taken up to complete 28 credits necessary for award of Minor in History.	
25	Geology		<p>Response: <u>100 level (1st and 2nd semester) First Category</u></p> <ol style="list-style-type: none"> 1. Essentials of Geology (1st Sem) 2. Physics & Chemistry of Earth (2nd Sem) <p><u>200 level (3rd to 6th Semester) 2nd Category</u></p> <ol style="list-style-type: none"> 1. Fossils & Applications (3rd Sem) 2. Natural Hazards and Mitigation (4th Sem) 3. Concepts of sustainability (5th Sem) 4. Evolution of life through time <p><u>300 level (7th and 8th semester) 3rd Category</u></p>	

			<p>1. Geoheritage&Geotourism (7th Sem) 2. Groundwater management and water quality (8th Sem)</p> <p><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></p> <p>Response: Courses for the UG programme as minor discipline (Geology)</p> <p>1. Essentials of Geology 2. Physics & 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		Urdu GE Courses for the UG programmes In <i>Progression 100</i>	

			<p><u>Level</u> (May be offered in I & II semester) 1. Elementary Urdu 2. Study of Poet NazirAkbarabadi 3. Study of Short Story Writer Premhand 4. Study of Urdu Poetry I 5. Study of Urdu Prose I</p> <p><u>200 Level (May be offered from III to VI semester)</u> 1. Study of Urdu Poetry II 2. Study of Urdu Prose II 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</p> <p><u>300 Level (May be offered from V to VIII semester)</u> 1. Study of Development of Urdu 2. Poet Faiz Ahmed Faiz 3. Short Story writer Rajinder Singh Bedi 4. <u>Poet Iqbal</u> 5. Short Story Writer Qurratul Ain Hayder</p>	
27	Commerce	Odd	100 Level	GE 1.1 Business Organisation

				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
			200 Level	GE 3.1 General Management
				GE 3.2 Basics of Advertising
				GE 3.3 Investing in Stock Markets
				GE 3.4 Financial Statement Analysis
				GE 5.1 Fundamentals of Human Resource Management
				GE 5.2 Project Management
				GE 5.3 Digital Marketing
				GE 5.4 Ethics and Governance
		Even semester	100 Level	GE 2.1 Communication in Management
				GE 2.2 Financial Management for Beginners
				GE 2.3 Sales Promotion

				GE 2.4 Computerised Accounting System
			200 Level	GE 4.1 Basics of Organisational Behaviour
				GE 4.2 Personal Financial Planning
				GE 4.3 Brand Management
				GE 4.4 Accounting for Managerial Decision Making
				GE 4.5 Fundamentals of International Business
				GE 6.1 Leadership Development
				GE 6.2 Data Visualisation
				GE 6.3 Logistics Management
28	Biomedical Science	100 Level	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>
			Pandemic: challenges and Preparedness	
			Understanding the Human Body Systems	
		200 Level	Biochemical Basis of Life	
			Concepts in Medicinal Chemistry (Proposed)	
			Environment Sustainability and Biomedical Waste Management (Added from DSE)	

			Genetic Basis of Human Diseases (Title reframed)	
			Health and Body Defense System	
			Statistical Concepts in Biology	
			Practices in Biosafety (Added from DSE)	
		<i>300 Level</i>	Bridging Ancient Practices and Modern Biomedical Research (Added from DSE)	
			Concepts in Biotechnology	
			Pathological Basis of Disease	
			Pharmacological Science (Title reframed)	
			Toxic Substances and Human Health	

29 : Germanic & Romance Studies

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:

<u>100 LEVEL</u>	GE1-Basic Communicative Portuguese 1*
<u>100 LEVEL</u>	GE2-Basic Communicative Portuguese 2*
<u>200 LEVEL</u>	GE3-Intermediate Communicative Portuguese (1)*
200 LEVEL	GE4-Intermediate Communicative Portuguese (2)*
300 LEVEL	GE5-Advanced Communicative Portuguese (1)

300 LEVEL	GE6-AdvancedCommunicativePortuguese(2)
300 LEVEL	GE7 - StudyingPortuguesethrough Texts (1)
300 LEVEL	GE8 - StudyingPortuguesethrough Texts (2)
400 LEVEL	GE9- BasicTranslation Skillsin Portuguese
400 LEVEL	GE10 - Historyof PortugalandtheLusophoneWorld
400 LEVEL	GE11-IntroductiontoLifeinPortugalandPortuguese-speaking Countries
<u>400 LEVEL</u>	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 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:

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

400 LEVEL	GE9- Basic Translation Skills in French
400 LEVEL	GE10- History of France and the Francophone World
400 LEVEL	GE11- Introduction to Life in France and French-speaking Countries
400 LEVEL	GE12- Reading Literature in French

GE Papers in Spanish

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: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)
300 LEVEL	GE8: StudyingSpanishthrough Texts (2)
400 LEVEL	GE9:BasicTranslationSkillsin Spanish
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:BasicTranslationSkillsin Italian
400 LEVEL	GE10:HistoryofItalyandtheItalian-speaking World
400 LEVEL	GE11:IntroductiontoLifeinItalyandItalian-speaking Countries
400 LEVEL	GE12:ReadingLiteraturein Italian

30	Social Work	<i>Level not given</i>	GE Mandatory not given	
31	Operational Research	<i>Level not given</i>	<p>The Department is offering one GE paper in each semester The GEs which are considered mandatory to make it a minor discipline in B.Sc. (Hons.) Operational Research are:</p> <ul style="list-style-type: none"> i. Introduction to Operational Research and Linear Programming ii. Production and Inventory Management iii. Queueing and Reliability Theory iv. Convex and Discrete Optimization v. Scheduling Techniques vi. Quantitative Modelling in Marketing vii. GE offered in Semester VII or Semester VIII (Syllabi of Sem. VII and Sem. VIII yet to be approved) 	The 3 Mandatory GE course is not given

32 English		<p><u>ODD Semester GE Courses:</u></p> <ul style="list-style-type: none"> • Indian English Literatures • Literature & Human Rights • Genre Fiction • Language and Culture • Readings on Indian Diversities and Literary Movements • Dystopian Writings • Research Methodology (Semester 6th& 7th) <p><u>Even Semester GE Courses</u></p> <ul style="list-style-type: none"> • Research Methodology (Semester 6th& 7th) • Culture & Theory • Contemporary India: Women and Empowerment • The Individual and Society • Cinematic Adaptations of Literary Texts • Marginalities in Indian Writing 	<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>The 4 Mandatory GE course to be completed by a student wishing to undertake English as Minor</p> <ul style="list-style-type: none"> • Genre Fiction
------------	--	---	---

		<ul style="list-style-type: none"> • Travel Writings • Twentieth Century Drama • Indian Classical Literature • Life and Literature • Indian English Literatures • Culture and Theory <p><u>The 100 Grade GE courses are:</u></p> <ul style="list-style-type: none"> • Indian English Literatures • Indian Classical Literature • Literature & Human Rights • Life and Literature <p><u>The 200 Grade GE courses are:</u></p> <ul style="list-style-type: none"> • Genre Fiction • Cinematic Adaptations of Literary Texts • Marginalities in Indian Writing • Dystopian Writings • Travel Writings • Twentieth Century Drama <p><u>The 300 Grade GE Courses are:</u></p>	<ul style="list-style-type: none"> • Indian Classical Literature • Indian English Literature • Culture & Theory
--	--	---	---

		<ul style="list-style-type: none"> • Research Methodology & Language and Culture • Culture & Theory • Readings on Indian Diversities and Literary Movements • Contemporary India: Women and Empowerment • The Individual and Society 	
33	<p>Biochemistry <i>100 Level</i></p> <p><i>200/ 300 Level</i></p>	<ul style="list-style-type: none"> • Public Health Biology • Nutrition and Food Science • Physiology of Sports and Exercise • Molecules of Life • Techniques in Biochemistry • Basics of Cell Biology • Protein and Enzymes • Intermediary Metabolism • Gene Organization, Expression and Regulation • Tools of Genetics Engineering • Basics of Immunology • Biochemical Correlation of Diseases 	<p>The 4 Mandatory GE course to be completed by a student wishing to undertake Bio-Chemistry as Minor</p> <ul style="list-style-type: none"> • Molecules of Life • Basics of Cell Biology • Gene Organization, Expression and Regulation

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

