

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
1731	B.Sc. (Hons.) Agriculture	AGR 101	Fundamentals of Agronomy	2019
		AGR 102	Fundamentals of Horticulture	2019
		AGR 103	Fundamentals of Soil Science	2019
		AGR 104	Agricultural Microbiology	2019
		AGR 105	Fundamentals of Genetics	2019
		AGR 106	Rural Sociology and Educational Psychology	2019
		AGR 107	Introductory Biology	2019
		AGR 108	Elementary Mathematics	2019
		AGR 109	Agricultural Heritage	2019
		ENL 101	Communicative English – I	2019
		PBL 121	ਪੰਜਾਬੀ ਭਾਜ਼ਮੀ-I	2019
		PBL 122	ਮੁੱਢਲੀ ਪੰਜਾਬੀ (In lieu of Punjabi Compulsory)	2019
		HSL 101	Punjab History and Culture (1450-1716) (Special paper in lieu of Punjabi )	2019
		SOA 101	***Drug Abuse: Problem, Management and Prevention (Mandatory Paper)	2019
		AGR 151	Introductory Agro-Meteorology & Climate Change	2019
		AGR 152	Production Technology for Vegetables and Spices	2019
		AGR 153	Soil and Water Conservation Engineering	2019
		AGR 154	Fundamentals of Crop Physiology	2019
		AGR 155	Fundamentals of Agricultural Economics	2019
		AGR 156	Fundamentals of Agricultural Economics	2019
		AGR 157	Livestock and Poultry Management	2019
		AGR 158	Fundamentals of Plant Biochemistry And Biotechnology	2019
		ENL 151	Communicative English – II	2019
		PSL0059	Human Rights and Constitutional Duties	2019
		AGR 201	Crop Production Technology-I ( Kharif Crops	2019
		AGR 202	Fundamentals of Entomology	2019
		AGR 203	Agricultural finance and Co-operation	2019
		AGR 204	Agricultural Informatics	2019
		AGR 205	Farm Machinery and Power	2019
		AGR 206	Introduction to Forestry	2019
		AGR 207	Production Technology for Fruits and Plantation crops	2019
		AGR 208	Statistical Methods	2019
		AGR 209	Disaster Management	2019
		ESL 220	Environmental Studies (Mandatory Paper)	2019
		AGR 251	Crop Production Technology-II (Rabi Crops)	2019
		AGR 252	Production technology for Ornamental Crops, MAP and Landscaping	2019
		AGR 253	Renewable energy & Green Technology	2019
		AGR 254	Problematic Soils and their Management	2019
		AGR 255	Agricultural Marketing, Trade and Prices	2019
		AGR 256	Principles of Integrated Pest and Disease Management	2019
		AGR 257	Farming System and Sustainable Agriculture	2019
		AGR 258	Fundamentals of Plant Breeding	2019
		AGR 259	Fundamentals of Agricultural Extension Education	2019
		AGR 260	Human values and ethics	2019
		AGR 301	Crop Production-I(Kharif Crops)	2019
		AGR 302	Principles of Seed Technology	2019
		AGR 303	Manure, Fertilizer and Soil Fertility Management	2019
		AGR 304	Pests of crops and Stored Grain and Their Management	2019
		AGR 305	Diseases of Field and Horticulture Crops and their Management-I	2019
		AGR 306	Crop Improvement -I(Kharif)	2019
		AGR 307	Entrepreneurship Development and Business Communication	2019
		AGR 308	Rainfed Agriculture and Watershed Management	2019
		AGR 309	Intellectual Property Rights	2019
		(ELECTI VE-II) AGR 310/ AGR 311/ AGR 312/ AGR 313	(Any one option) Micro Propagation Technique Landscaping System Simulation and Agro- Advisory Agri-Business Management	2019
		AGR 351	Crop Production-II(Rabi)	2019
		AGR 352	Geoinformatics and Nano-Technology and Precision Farming	2019
		AGR 353	Protected Cultivation and Secondary Agriculture	2019
		AGR 354	Diseases of Field and Horticulture Crops and their Management-II	2019
		AGR 355	Post Harvest Management and Value Addition of Fruits and Vegetables	2019
		AGR 356	Management of Beneficial Insects	2019
		AGR 357	Crop Improvement-II (Rabi)	2019
		AGR 358	Principles of Organic Farming	2019
		AGR 359	Farm Management, Production and Resource Economics	2019
		AGR 360	Principles of Food Science and Nutrition	2019
		(ELECTIVE-III) AGR 361/362/363/364	(Any one option)Hi-Tech Horticulture/Commercial Plant Breeding/ Food Safety and Standards/Agricultural Journalism	2019
		RAWE 401	General orientation & on Campus training by different faculties	2019
		RAWE 402	Plant Clinic (ENTO+PPATH+HORT+AGRON+SSAC)	2019
		RAWE 403	Research Station/KVK/ including village attachment and In-situ interaction of farmers, students and research station scientists./ Unit attachment in KVK/Research station	2019
		RAWE 404	Research Station/KVK/ including village attachment and In-situ interaction of farmers, students and research station scientists./ Unit attachment in KVK/Research station	2019
		RAWE 405	Project Report Preparation and Evaluation	2019
		AGR 451	Production Technology Bio-agents and Bio fertilizer	2019

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Program code	Program name	Course code	Course name	Year of offering the course
		AGR 452	Mushroom Cultivation Technology	2019
		AGR 453	Soil, Plant, Water and Seed Testing	2019
		AGR 454	Commercial Beekeeping	2019
		AGR 455	Floriculture and Landscaping	2019
		AGR 456	Commercial Horticulture	2019
		AGR 457	Post harvest storage and Food Processing	2019
		AGR 458	Organic and Natural Production Technology 1	2019
1736	B.Sc. (Hons.) Dietetics and Nutrition	DNL1001	Basic Nutrition	2022
		DNL1002	Fundamentals of Microbiology	2022
		DNL1003	Nutritional Biochemistry	2022
		ENL1001	Communicative English-I	2022
		PBL1021 / PBL1022 HSL4060	gzikph bkiawh-I / w[ZYbh gzikph *(In lieu of Punjabi Compulsory)/ I OR **Punjab History and Culture-I(1450-1716)	2022
		SOL1006	***Drug Abuse: Problem, Management and Prevention (Value Added Course)	2022
		DNP1025	Lab in Basic Nutrition	2022
		DNP1026	Lab in Fundamentals of Microbiology	2022
		DNP1027	Lab in Nutritional Biochemistry	2022
		DNL1051	Advance Nutrition	2022
		DNL1052	Human Physiology	2022
		DNL1053	Food Microbiology	2022
		ENL1051	Communicative English –II	2022
		DNP1076	Lab in Advance Nutrition	2022
		DNP1077	Lab in in Food Microbiology	2022
		PSL 0059	***Human Rights & Constitutional Duties (Value Added Course)	2022
		DNL2001	Principles of Food Science and Food Commodities	2022
		DNL2002	Food Preservation	2022
		DNL2003	Public Health Nutrition	2022
		DNL2004	Computer Applications and Statistical Techniques	2022
		ESL2020	Environmental Studies (Value Added Course)	2022
		DNP2026	Lab in Food Preservation	2022
		DNP2027	Lab in Public Health	2022
		DNP2028	Lab in Computer Applications	2022
		DNL2051	Kitchen Sanitation and Hygiene	2022
		DNL2052	Family Meal Management	2022
		DNL2053	Quantity Food Production and Service	2022
		DNL2054	Food Standard and Quality Control	2022
		DNL2055	Plant Based Nutrition and Immunity	2022
		DNL2056	Entrepreneurial Development	2022
		DNP 2076	Lab in Family Meal Management	2022
		DNP 2077	Lab in Quantity Food Production and Service	2022
		DNL3001	Dietetics I	2022
		DNL3002	Community Nutrition	2022
		DNL3003	Health, Fitness and Sports Nutrition	2022
		DNL3004	Diet Counseling	2022
		DNP3026	Lab in Dietetics I	2022
		DNP3027	Lab in Community Nutrition	2022
		DNP3028	Lab in Health, Fitness and Sports Nutrition	2022
		DNP3029	Lab in Diet Counseling and Patient Care	2022
		DNL3051	Dietetics II	2022
		DNL3052	Food Toxicology and Drug Nutrient Interaction	2022
		DNL3053	Clinical Assessment and Patient Counselling	2022
		DNP3076	Lab in Dietetics II	2022
		DNP3077	Lab in Clinical Assessment and Patient Counselling	2022
		DNP3078	Clinical Training-I	2022
		DNS3079	Seminar	2022
		DNL4001	Advanced Nutritional Biochemistry	2022
		DNL4002	Dietetics and Therapeutic Nutrition	2022
		DNL4003	Public Nutrition and Health	2022
		DNP4026	Lab in Advanced Nutritional Biochemistry	2022
		DNP4027	Lab in Dietetics and Therapeutic Nutrition	2022
		DNP4028	Lab in Public Nutrition and Health	2022
		DNP4029	Clinical Training-II	2022
		DNS4030	Seminar	2022
		*DNL4051	Research Methodology	2022
		*DNL4052	Extension Education in Nutrition	2022
		DNL4053	Women Health and Hygiene	2022
		DNL4054	Institutional Food Administration	2022
		DNP4076	Clinical Training-III	2022
		*DND4077	Dissertation	2022
1737	BACHELOR OF MANAGEMENT STUDIES (AGRI STORAGE & SUPPLY CHAIN) Sem I	LAS 1001	Statistics for Data Analysis	2022
		LAS 1002	Agricultural Economics	2022
		LAS 1003	Introduction to Agri Logistics	2022
		LAS 1004	Word & Presentation (Practical)	2022
		LAS 1005	Warehousing for Agricultural Produces	2022
		LAS 1006	Post-Harvest Management	2022
		ENL 1001	Communicative English - I	2022
		SOA 1006	***Drug Abuse: Problem, Management and Prevention (Value Added Course)	2022
		LAS 1007	Organization Behaviour	2022
		LAS 1009	Quantitative Techniques	2022
		LAS 1010	Employability Domains Practical	2022

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		LAS 1011	Trading in Agri Commodities	2022
		LAS 1012	Data Analysis using Spreadsheet-Practical	2022
		LAS 1013	Quality Control, Assurance & Audit	2022
		ENL 1051	Communicative English - II	2022
		PSL 0059	***Human Rights and Constitutional Duties (Value Added Course)	2022
		LAS 1014	Derivatives with Commodity Futures	2022
		LAS 1015	Cost Accounting	2022
		LAS 1016	Cold Chain Technology	2022
		LAS 1017	Risk Assessment & Management	2022
		LAS 1018	Pest Management	2022
		LAS 1019	Handling of Fresh Produces-Value Chain	2022
		LAS 1020	Mechanization in Agri Logistics	2022
		ESL 2020	Environmental Studies (Value Added Course)	2022
		LAS 1021	Marketing Management	2022
		LAS 1022	Management Accounting	2022
		LAS 1023	Agri-preneurship	2022
		LAS 1024	Agricultural Exports & Imports	2022
		LAS 1025	Legal Aspects of Agriculture (Post-Harvest)	2022
		LAS 1026	Packaging Technology	2022
		LAS 1027	Dairy Value Chain & Marketing	2022
		LAS 1028	Agri by-products & Utilization	2022
		LAS 1029	Documentation for Exports & Imports	2022
		LAS 1030	Value Chain for Plantation Crops	2022
		LAS 1031	**Apprenticeship I	2022
		LAS 1032	Seafood & Aquaculture Value Chain	2022
		LAS 1033	Multimodal Transportation	2022
		LAS 1034	Egg & Poultry Products-Value Chain	2022
		LAS1035	**Apprenticeship II	2022
2756	M. SC. (SPORTS NUTRITION)	SNL4010	Fundamentals of Human Nutrition	2021
		SNL4011	Basic Physiology and Metabolism	2021
		SNL4012	Assessment of Health and Fitness of Athletes	2021
		SNL4013	Research & Educational Methodology in Nutrition	2021
		SNE4021	Clinical Training-I	2021
		SOL : 1006	Drug Abuse: Problem, Management and Prevention (Value Added Course)	2021
		SNL4061	Exercise Nutrition and Metabolism	2021
		SNL4062	Exercise Physiology and Metabolism	2021
		SNL4063	Nutritional Biochemistry and Exercise	2021
		SNE4071	Clinical Training-II	2021
		PSL:0059	Human Rights and Constitutional Duties (Value Added Course)	2021
		EDL0010	Universal Human Values-II: Understanding Harmony (Value Added Course)	2021
		SPL4090/ SPL4091	Evidence Based Practice in Allied Health Sciences/ Women Health and Exercise	2021
		SNL5010	Sports Specific Nutrition	2021
		SNL5011	Clinical Sports Nutrition	2021
		SNL5012	Dietary Supplements and Ergogenic Aids	2021
		SNL5013	Communication Skills for Sports Promotion	2021
		SNE5021	Clinical Training-III	2021
		ESL 2020	Environmental Studies (Value Added Course)	2021
		SNL5061	Sports Psychology and Nutrition Counseling	2021
		SNL5062	Food Service Management and Entrepreneurship	2021
		SND5071	Dissertation	2021
1723	B.Tech (Textile Processing Technology)	CYL1097	Engineering Chemistry	2023
		MTL1001	Mathematics-I	2023
		ECL1019	Basic Electrical & Electronics Engineering	2023
		CSL1026	Fundamentals of IT & Programming using Python	2023
		ENL1001	Communicative English-I	2023
		MEP1001	Workshop Practices	2023
		PBL1021	Punjabi Compulsory – I	2023
		PBL1022	Mudhli Punjabi/mu' FI pMjwbl-I	2023
		HSL4060	Punjab History & Culture (1450-1716)	2023
		CEL1020	Engineering Mechanics	2024
		MEL1020	Engineering Graphics & Drafting	2024
		MTL1002	Mathematics-II	2024
		PHL1083	Physics	2024
		MEL1010	Introduction to Engineering Materials	2024
		PBL1031	Punjabi Compulsory –II	2024
		PBL1032	Mudhli Punjabi/mu' FI pMjwbl-II	2024
		HSL5020	Punjab History & Culture	2024
		TCL-216	Pretreatment Technology-I	2023
		TCL-217	Color Science	2023
		TCL-218	Textile Fibres	2023
		TCL-219	Textile Testing-1	2023
		TCL-220	Dyeing Machines	2023
		ESL-220	Environmental Studies	2023
		TCP-201	Pretreatment Lab	2023
		TCP-202	Computer Color Matching Lab	2023
		TCP-203	Textile Chemical Testing Lab-I	2023
		TCL-225	Pretreatment Technology-II	2024
		TCL-226	Manufactured Fibre technology	2024
		TCL-227	Introduction to yarn manufacture	2024
		TCL-228	Natural fiber and fabric dyeing	2024
		SOA 101	Drug Abuse: Problem, Management and Prevention	2024
		TCL-229	Textile and Fashion Design	2024
		TCL-230	Sociological and Psychological Aspects of Clothing	2024
		TCP-204	Natural Fiber and Fabric Dyeing Lab	2024
		TCP-208	Textile Physical Testing Lab	2024

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		TCP-206	Textile Chemical Testing Lab-II	2024
		TCE-207	Summer Training	2024
		TCL-301	Synthetic Dyeing Technology	2023
		TCL-314	Textile Testing-II	2023
		TCL-315	Introduction to fabric manufacture	2023
		TCL-316	Printing Technology-I	2023
		TCL-305	Finishing Technology-I	2023
		PSL0057	Human Rights and Constitutional Duties	2023
		TCP-301	Synthetic Dyeing Lab	2023
		TCP-302	Printing Lab	2023
		TCL-306	Processing of blends	2024
		TCL-307	Printing Technology-II	2024
		TCL-308	Apparel production	2024
		TCL-309	Finishing Technology-II	2024
		TCL-310	Fashion Retailing, Marketing and Merchandising	2024
		TCL-311	Green processing of Textiles	2024
		TCL-312	Technical Textiles	2024
		TCL-303	Finishing Lab	2024
		TCL-304	Blend Processing Lab	2024
		TCL-305	Industrial Training	2024
		TCL-401	Human Resource Management	2023
		TCL-402	Waste Management and Pollution control in Textile Industry	2023
		TCL-403	Garment Processing Technology	2023
		TCL-405	Quality Control in Textiles	2023
		TCS-401	Seminar	2023
		TCD-402	Research Project	2023
		TCE-403	Industrial Training	2024
2808	M.Sc. Fashion Designing (FYIP)	FAL-1001	Textile Science	2023
		FAL-1002	Basic of Design and Illustration	2023
		FAL-1003	Basics of Computers	2023
		ENL-1001	Communicative English-I	2023
		PBL 1021	Punjabi (Compulsory)-I	2023
		PBL 1022	Punjabi Mudhli-I	2023
		HSL-4060	Punjab History & Culture (1450- 1716)	2023
		SOL-1006	Drug abuse Problem Management and Prevention	2023
		FAP-1001	Textile Science Lab	2023
		FAP-1002	Basic of Design and Illustration Lab	2023
		FAP-1003	Basics of Computers Lab-I	2023
		FAP-1004	Basics of Sewing Lab-I	2023
		FAL-1051	HSL5020	2024
		FAL-1052	Concept of Fashion	2024
		FAL-1053	Basics of Sewing	2024
		ENL-1051	Communicative English – II	2024
		PBL 1031	Punjabi (Compulsory)-II	2024
		PBL 1032	Punjabi Mudhli-II	2024
		HSL5020	Punjab History & Culture	2024
		PSL-0059	Human Rights and Constitutional Duties	2024
		FAP-1051	Introduction to Fabric Manufacturing Lab	2024
		FAP-1052	Basics of Computers Lab-II	2024
		FAP-1053	Basics of Sewing-II Lab	2024
		FAS-1051	Seminar	2024
		FAL-4001	Fabric and Apparel Finishes	2023
		FAL-4002	Garment and Fabric Testing	2023
		FAL-4003	Computer aided design (CAD)	2023
		FAP-4001	Fabric and Apparel Finishes Lab	2023
		FAP-4002	Garment and Fabric Testing Lab	2023
		FAP-4003	Product Development Lab	2023
		FAP-4004	Fashion Illustration & Appreciation Lab	2023
		FAP-4005	Computer Aided Design (CAD) Lab	2023
		EDL-0010	Universal Human Values-II : Understanding Harmony	2024
		FAL-4051	Garment Processing Technology	2024
		FAL-4052	Fashion Retailing and Merchandising	2024
		ENL-3051	Communication Skill for Engineers	2024
		FAP4051	Garment Processing Technology Lab	2024
		FAP-4052	Dress Designing and Construction- I	2024
		FAP-4053	Advanced Pattern Development and draping	2024
		FAP-4054	Visual Merchandising Lab	2024
		FAS-4051	Seminar	2024
		FAE-4051	Summer Internship	2024
2799	M.Sc. (Apparel & Textiles)	ATL-501	Surface Ormentation of Textiles	2023
		ATL-502	Textile Finishing and Evaluation	2023
		ATL-503	Research Methodology	2023
		ATD-501	Dissertation-I	2023
		ATP-502	Surface Ormentation of Textiles Lab	2023
		ATP-503	Textile Finishing and Evaluation Lab	2023
		ATP-504	Advanced Pattern Making and Garment Construction Lab	2023
		ATL-504	Human Resource Management	2023
		ATL-507	Technical Textiles	2023
		ATL-508	Garment Processing Technology	2023
		ATL-511	Supply Chain Management	2023
		ATL-551	Eco Textiles and Environment	2024
		ATL-552	Fashion Retailing, Marketing and Merchandising	2024
		ATL-553	Quality Control in Apparel & Textiles	2024
		ATL-554	Sustainability in Textiles and Fashion Industry	2024
		ATD-551	Dissertation-II	2024
		ATE-552	Industrial Training-II	2024
1707	Bachelor of Architecture	ARL-101	Theory of Structures – I	1986
		ARL-102	Building Science - I (Geology, Soils & Natural Calamities)	1986
		ARU-103	Arts & Graphics-I	1986

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		ARU-104	Architectural Drawing-I	1986
		ARU-105	Building Construction-I	1986
		ARU-106	Architectural Design-I	1986
		ARL-152	Building Science –II (Building Materials)	1986
		ARL-153	History of Architecture-I	1986
		ARU-154	Arts & Graphics–II	1986
		ARU-155	Workshop (Carpentry, Welding & Model Making)	1986
		ARU-156	Building Construction-II	1986
		ARU-157	Architectural Design-II	1986
		ARL-160	Computer Graphics & Applications	2023
		ARL-201	Building Science –III (Climatology)	1986
		ARL-202	Theory of Design-I	1986
		ARU-203	Architectural Drawing–II	1986
		ARU-204	Building Construction-III	1986
		ARU-205	Architectural Design-III	1986
		ARL-207	Theory of Structures – II	1986
		ARL-252	Building Science – IV (Lighting and Acoustics)	1986
		ARL-253	History of Architecture-II	1986
		ARU-256	Building Construction-IV	1986
		ARU-257	Architectural Design-IV	1986
		ARF-259	Project Oriented Study Tour	1986
		ARL-261	Theory of Structures – III	2020
		ARL-301	Structure Systems	1996
		ARL-302	Building Services – I	1986
		ARU-304	Building Construction–V	1986
		ARU-305	Architectural Design–V	1986
		ARL-308	Building specifications, Estimating & Costing	1986
		ARL-309	History of Architecture-III	1986
		ARL-351	Building Services II	1986
		ARU-354	Building Construction –VI	1986
		ARU-355	Architectural Design–VI	1986
		ARF-356	Project Oriented Study Tour	1986
		ARL-358	Surveying and Leveling	1986
		ARL-362	Theory of Design-II	2020
		ARL-359	Maintenance and Adaptation of Buildings	1992
		ARL-360	Advanced Construction Materials and Techniques	2004
		ARL-361	Architectural Journalism	2015
		ARE-401	Practical Training	1986
		ARL-451	Housing	1986
		ARL-452	Urban Design & Conservation	1988
		ARU-454	Building Construction-VII	1986
		ARU-455	Architectural Design-VII	1986
		ARL-459	Landscape Architecture	1988
		ARL-453	Vernacular Architecture	2015
		ARL-457	Hospital & Hospitality Architecture	2022
		ARL-458	Disaster Management	2015
		ARL-501	Town Planning	1988
		ARL-502	Construction Management	1988
		ARU-505	Building Construction-VIII	1986
		ARU-506	Architectural Design-VIII	1986
		ARL-507	Professional Practice & Building Bye Laws	1986
		ARL-503	Green Buildings	2015
		ARL-508	Sikh Architecture	2015
		ARL-509	Socio - Economic Aspects of Architecture and Planning	1992
		ARL-551	Architectural Conservation	2015
		ARL-552	Interior Design	2004
		ARL-553	Multistoried Buildings	2012
		ARL-555	Traffic Awareness	2022
		ARD-554	Architectural Thesis Project	1986
2719	M.Sc. (Biotechnology)	BTL4011	Cell & Molecular Biology	2021-2022
		BTL4012	Biochemistry	1991-92
		BTL4013	Analytical Techniques & Emerging Technologies	1991-92
		BTL4014	Immunolo	1991-92
		BTL4015	Microbiolo	1991-92
		BTL4017	Computer Applications	1991-92
		BTL4031	Lab in Biochemist & Analytical Techni ues	1991-92
		BTP4032	Lab in Microbiology	1991-92
		BTL4061	Plant Tissue Culture	1991-92
		BTL4062	Animal Tissue Culture	1991-92
		BTL4063	Bioinformatics	2021-2022
		BTL4064	Genetic Engineering- Tools and Techniques	1991-92
		BTL4065	Bioprocess Engineering & Technology	1991-92
		13TP408	Lab in Plant Tissue Culture	1991-92
		BTP4082	Lab in Immunology & Animal Tissue Culture	1991-92
		BTP4083	Lab in Computer Applications and Bioinformatics	2021-2022
		BTL501 1	Fermentation Technology	1991-92
		BTL5012	Genetic Engineering-Applications	1991-92
		BTL5013	Basics of Mathematics and Statistics	1991-92
		BTL5014	Bioentrepreneurship and Intellectual Propert Ri 'hts	2021-2022
		BTD503 1	Dissertation & Project Proposal	1991-92
		BTP5032	Lab in Bioprocess Engineering & Fermentation "echnology	1991-92
		BTP5033	Lab in Genetic Engineering	1991-92
		BTL5041	Advances in Plant Biotechnology	1991-92
		BTL5042	Medical Biotechnology	1991-92
		BTL5043	Microbial Biotechnology	1991-92
		13TL5061	Genomics and Proteomics	1991-92
		BTS5073	Critical Analysis of Research Papers	2021-2022
		BTD5073	Seminar	2023-2024
		BTD5074	Dissertation	1991-92

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2800	M.Sc. (FYIP) (Botany)	BSL1002	Biomolecules and Cell Biology	2018
		BSP1002	Biomolecules and Cell Biology Lab	2018
		BSL1005	Biology of Cryptogams	2018
		BSP1005	Biology of Cryptogams Lab	2018
		CHL1091	Organic Chemistry	2012
		CHP1091	Qualitative Organic Analysis	2012
		ENL1001	Communicative English-I	2012
		PBL1021/	pMjwbl Iwzml-I	2012/
			OR	
		PBL1022/	* m' uFlI pMjwbl	2018/
			OR	
		HSL-4060	*Punjab History & Culture (1450-1716)	2012
		SOL1006	Drug Abuse : Problem, Management and Prevention (Mandatory Course)	2018
		BSL1055	Biology of Inheritance	2012
		BSP1055	Biology of Inheritance Lab	2012
		BSL2051	Molecular Biology	2019
		BSP2051	Molecular Biology Lab	2019
		CHL1092	Inorganic Chemistry	2012
		CHP1092	Inorganic Chemistry Lab	2012
		ENL1051	Communicative English-II	2012
		PBL1031/	pMjwbl Iwzml -II	2012/
			OR	
		PBL1032/	m' uFlI pMjwbl	2018/
			OR	
		HSL-5020	Punjab History & Culture (1717-1947)	2012
		BSL3070	Basics of Computer	2020
		BSP 3070	Basics of Computer Lab	2020
		PSL0059	Human Rights and Constitutional Duties (Mandatory Course)	2018
		BSL2005	Diversity of Gymnosperms	2018
		BSP2005	Diversity of Gymnosperms Lab	2018
		BSL2006	Plant Ecology	2018
		BSP2006	Plant Ecology Lab	2018
		ZOL2004	Animal Physiology	2018
		ZOP2025	Zoology Lab III (Physiology and Biomolecules)	2018
		CHL2091	Physical Chemistry	2012
		CHP2091	Physical Chemistry(Practicals)	2012
		ESL2020	Environmental Studies (Mandatory Course)	2012
		BSL2054	Diversity of Angiosperms	2018
		BSP2054	Diversity of Angiosperms Lab	2018
		ZOL2061	Animal Embryology	2018
		ZOP2072	Zoology Lab IV (Embryology)	2018
		CHL2092	Introduction to Molecular Spectroscopy	2018
		CHP2092	Quantitative Estimation Methods	2018
		BSS2001	Summer Internship	2018
		BSS3004	Seminar	2022
		-	Multidisciplinary -I / MOOC	2022
		BSL3001	Reproductive Biology of Angiosperms	2020
		BSP3001	Reproductive Biology of Angiosperms Lab	2020
		BSL3002	Plant Physiology	2012
		BSP3002	Plant Physiology Lab	2012
		BSL3069	Biostatistics	2020
		BSP3069	Practical Based on BSL3069	2020
		BSL2065	Medicinal Botany	2020
		BSP2065	Medicinal Botany Lab	2020
		-	Multidisciplinary -II / MOOC	2022
		BSL3051	Plant Metabolism	2020
		BSP3051	Plant Metabolism Lab	2020
		BSL3052	Plant Biotechnology	2020
		BSP3052	Plant Biotechnology Lab	2020
		BSL3064	Plant Breeding	2020
		BSP3064	Practical Based on BSL3064	2020
		BSL2063	Nursery and Gardening	2020
		BSP2063	Nursery and Gardening Lab	2020
		-	Multidisciplinary -III / MOOC	2022
		BSL4003	Phycology	2012
		BSP4003	Phycology Lab	2012
		BSL4004	Fungi and Plant Pathology	2012
		BSP4004	Fungi and Plant Pathology Lab	2012
		BSL4007	Analytical Techniques in Botany	2023
		BSP4007	Analytical Techniques in Botany Lab	2023
		BSL4008	Advances in Cell Biology	2012
		BSP4008	Advances in Cell Biology Lab	2012
		BSL4055	Bryophytes and Pteridophytes	2012
		BSP4055	Bryophytes and Pteridophytes Lab	2012
		BSL4031	Research Techniques in Botany	2023
		BSP4031	Research Techniques in Botany Lab	2023
		BSL4057	Bioinformatics and PERL Programming	2016
		BSP4057	Practical Based on BSL4057	2016
		BSD4099	Research Assignment	2022
		BSS4099	Seminar	2012
		EDL0010	Universal Human Values-II: Understanding Harmony	2022
		BSL5001	Spermatophytes	2012
		BSP5001	Spermatophytes Lab	2012
		BSL5007	Plant Anatomy	2012
		BSP5007	Plant Anatomy Lab	2012
		BSL5010	Plant Metabolic Integration	2012

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		BSP5010	Plant Metabolic Integration Lab	2012
		BSL5057	Plant Tissue Culture	2012
		BSP5057	Plant Tissue Culture Lab	2012
		BSL5004	Genome Structure, Function and Dynamics	2012
		BSP5004	Genome Structure, Function and Dynamics Lab	2012
		BSL5051	Applied and Industrial Botany	2012
		BSP5051	Applied and Industrial Botany Lab	2012
		BSL5088	Perspectives in Conservation	2022
		BSP5088	Perspectives in Conservation Lab	2022
		BSF6000	Field Study/ Educational Tour	2012
2720	M.Sc. Botany	BSL4003	Phycology	2012
		BSP4003	Phycology Lab	2012
		BSL4004	Fungi and Plant Pathology	2012
		BSP4004	Fungi and Plant Pathology Lab	2012
		BSL4007	Analytical Techniques in Botany	2023
		BSP4007	Analytical Techniques in Botany Lab	2023
		BSL4008	Advances in Cell Biology	2012
		BSP4008	Advances in Cell Biology Lab	2012
		BSL4031	Research Techniques in Botany	2023
		BSP4031	Research Techniques in Botany Lab	2023
		BSL4055	Bryophytes and Pteridophytes	2012
		BSP4055	Bryophytes and Pteridophytes Lab	2012
		BSL4057	Bioinformatics and PERL Programming	2016
		BSP4057	Practical Based on BSL4057	2016
		BSS4099	Seminar	2012
		EDL0010	Universal Human Values-II: Understanding Harmony	2022
		BSL5001	Spermatophytes	2012
		BSP5001	Spermatophytes Lab	2012
		BSL5007	Plant Anatomy	2012
		BSP5007	Plant Anatomy Lab	2012
		BSL5010	Plant Metabolic Integration	2012
		BSP5010	Plant Metabolic Integration Lab	2012
		BSL5057	Plant Tissue Culture	2012
		BSP5057	Plant Tissue Culture Lab	2012
		BSL5004	Genome Structure, Function and Dynamics	2012
		BSP5004	Genome Structure, Function and Dynamics Lab	2012
		BSF6000	Field Study/ Educational Tour	2012
		BSD5099	Research Assignment	2022
2722	M.Sc. Environmental Sciences	ESL4003	Environmental Chemistry	2012
		ESP4003	Environmental Chemistry Lab	2012
		ESL4004	Air Pollution	2012
		ESP4004	Air Pollution Lab	2012
		ESL4005	Atmosphere and Hydrosphere	2012
		ESP4005	Atmosphere and Hydrosphere Lab	2012
		BSL4001	Mathematical Biology	2012
		BSP4001	Practical Based on BSL4001	2012
		ESL4051	Environmental Engineering	2012
		ESP4051	Environmental Engineering Lab	2012
		ESL4054	Environmental Microbiology & Pollution Remediation	2020
		ESP4054	Environmental Microbiology & Pollution Remediation Lab	2020
		ESL4060	Sanitary Engineering	2023
		ESP4060	Sanitary Engineering Lab	2023
		ESL4061	Analytical Techniques	2023
		ESP4061	Analytical Techniques Lab	2023
		ESS4099	Seminar	2012
		EDL0010	Universal Human Values-II: Understanding Harmony	2022
		ESL5001	Wastewater Treatment Plant Design	2012
		ESP5001	Wastewater Treatment Plant Design Lab	2012
		ESL5003	Environmental Biotechnology	2012
		ESP5003	Environmental Biotechnology Lab	2012
		ESL5006	Ecological Modelling	2012
		BSP5006	Practical Based on ESL5006	2012
		ESL5007	Environmental Toxicology & Management	2023
		ESP5007	Environmental Toxicology & Management lab	2023
		ESD5023	Case study/Industrial Training	2012
		ESL5051	Industrial Wastewater Management	2012
		ESL5056	Environmental Geology	2012
		ESL5090	Environmental Laws and Impact Assessment	2012
		ESD6000	Research Project	2023
2824	M. Sc. Chemistry (FYIP)(CBEGS)	CHL 1001	Inorganic Chemistry-I: Atomic Structure & Chemical Bonding	2019
		CHL 1002	Organic Chemistry-I: Chemistry of Hydrocarbons and Alkyl Halides	2019
		CHP 1001	Inorganic Chemistry-I Lab Volumetric Analysis-I	2019
		CHP 1002	Organic Chemistry-I Lab Simple Techniques in Synthesis Lab	2019
		PHL 1091	Optics	2019
		PHP 1091	Physics (Optics Lab)	2019
		MTL-1035	Mathematics - I	2019
		SOL-1006	Drug abuse Problem Management and Prevention (2) (Mandatory Course)	2019
		ENL 1001	Communicative English-I	2019
		PBL 1021	pMjwbl lwzml-I	2019
		PBL 1022	wZlYbh gzikh/I	2019
		HSL4060	Punjab History & Culture (1450-1716)	2019
		CHL 1010	Inorganic Chemistry-II: Chemistry of s, p, d and f Block Elements	2019
		CHL 1011	Physical Chemistry-I: States of Matter and Ionic Equilibria	2019
		CHP 1010	Inorganic Chemistry-II Lab Qualitative Analysis	2019

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		CHP 1011	Physical Chemistry-I Lab	2019
		PHL-1096	Modern Physics-I	2019
		PHP 1099	Modern Physics-I Lab	2019
		MTL-1036	Mathematics-II	2019
		PSL-0059	Human Rights and Constitutional Duties (Mandatory Course)	2019
		ENL 1051	Communicative English - II	2019
		PBL 1031	pMjwbl lwzml-II	2019
		PBL 1032	wZlYbh gzikph-II	2019
		HSL5020	Punjab History & Culture (1717-1947)	2019
		CHL 2001	Inorganic Chemistry-III Coordination Chemistry	2019
		CHL 2002	Physical Chemistry-II: Chemical Thermodynamics and Its Applications	2019
		CHL 2003	Organic Chemistry-II: Chemistry of Oxygen and Nitrogen Containing Functional Groups	2019
		CHP 2001	Inorganic Chemistry-III Lab: Volumetric analysis-II	2019
		CHP 2002	Physical Chemistry-II Lab Thermochemistry	2019
		CHP 2003	Organic Chemistry-II Lab Qualitative Analysis	2019
		PHL 2091	Modern Physics-II	2019
		PHP 2091	Modern Physics Lab-II	2019
		ESL-2020	Environmental Studies (Mandatory Course)	2019
		-	Multidisciplinary Course - I	2019
		CHL 2011	Inorganic Chemistry-IV: Organometallics and Reaction Mechanisms	2019
		CHL 2012	Physical Chemistry-III: Quantum Chemistry	2019
		CHL 2013	Organic Chemistry-III: Chemistry of Biomolecules	2019
		CHP 2011	Inorganic Chemistry-IV Lab Gravimetric Analysis	2019
		CHP 2013	Organic Chemistry-III: Lab Quantitative Analysis	2019
		PHL 2097	Electricity and Magnetism	2019
		PHP 2096	Electricity and Magnetism Lab	2019
		-	Multidisciplinary Course - II	2019
		CHL 3001	Physical Chemistry IV: Electrochemistry, Phase Equilibria and Properties of solutions	2019
		CHL 3002	Organic Chemistry IV: Chemistry of Heterocyclic Compounds and Natural Products	2019
		CHP 3001	Physical Chemistry-III: Lab	2019
		CHP 3002	Organic Chemistry-IV: Lab Preparation of Organic Compounds	2019
		CHL 3003	Inorganic Chemistry-V: Ligand Field Theory	2019
		CHP 3003	Inorganic Chemistry-V: Lab	2019
		-	Preparation of Inorganic Compounds	2019
		CSL-3099	Computer for Chemists	2019
		-	Multidisciplinary Course - III	2019
		CHL 3010	Physical Chemistry-V: Surface Chemistry, Chemical Kinetics and Macromolecules	2019
		CHL 3011	Organic Chemistry-V	2019
		-	Organic Spectroscopy and Structure Elucidation of Small Organic Molecules	2019
		CHP 3010	Physical Chemistry-IV: Lab	2019
		CHL 3014	Organic Chemistry-VIII Chemistry of Reactive Intermediates in Organic Synthesis	2019
		CSP-3099	COMPUTER LAB	2019
		CHL 3013	Organic Chemistry-VII Industrial Chemicals and Processes	2019
		CHP 3015	Organic Chemistry-VII: Lab Industrial Chemicals and Processes	2019
		CHE3001	Summer Internship (02 Weeks)	2019
		CHL 4018	Organic Chemistry-IX: Organic Synthesis	2019
		CHL 4002	Physical Chemistry-VI: Chemical Kinetics	2019
		CHL 4003	Inorganic Chemistry-VI: Organometallics	2019
		CHP 4061	Organic Chemistry Lab	2019
		CHL 4077	Inorganic Polymers	2019
		CHL 4078	Physical Chemistry - VI (Bio-Physical Chemistry)	2019
		PCL4022	Synthesis and Characterization of Materials	2019
		CHL 4019	Inorganic Chemistry-IX: Cluster and Cage Compounds	2019
		CHL 4020	Physical Chemistry-VIII: Statistical Thermodynamics and Advanced Quantum Chemistry	2019
		CHL 4021	Organic Chemistry-IX: Organic Synthesis	2019
		*CHL 4022	Inorganic Chemistry-X: Inorganic Materials and Nuclear Chemistry	2019
		*CHL4023	Physical Chemistry-IX: Modern Methods of Analysis	2019
		*CHL 4024	Physical Chemistry-X: Bio-thermodynamics	2019
		*CHP 4019	Inorganic Chemistry Lab - VII: Synthesis & spectral characterization of coordination compounds-I	2019
		PCL4012	Atomic and Molecular Spectroscopy	2019
		**CHD4001	Dissertation	2019
		EDL0010	Universal Human Value-II : Understanding Harmony	2019
		CHL5008	Inorganic Chemistry-XI: Bio-inorganic Chemistry	2019
		CHL5009	Organic Chemistry-X: Supramolecular Chemistry	2019
		CHL5010	Organic Chemistry-XI: Photochemistry and Pericyclic Reactions	2019
		CHL 5011	Physical Chemistry XI: Micellar and Nanochemistry	2019
		CHL 5012	Physical Chemistry XII: Ions in Solution	2019
		CHP 5009	Organic Chemistry Lab -VII: Organic Synthesis	2019
		CHP 5011	Physical Chemistry Lab-V: Solute-Solvent Interactions and Chemical Dynamics	2019
		CHS 5001	Seminar	2019
		CHL 5015	Organic Chemistry-XII: Bioorganic and Medicinal Chemistry	2019

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		CHL 5016	Physical Chemistry-XIII: Thermodynamics and Chemical Dynamics	2019
		CHL 5017	Inorganic Chemistry-XII: Spectral Techniques in Inorganic Chemistry	2019
		CHL 5018	Organic Chemistry-XIII: Biosynthesis of Natural Products	2019
		CHL 5019	Physical Chemistry-XIV: Chemistry of Materials	2019
		CHP 5017	Inorganic Chemistry Lab - VIII: Synthesis & spectral characterization of coordination compounds-II	2019
2834	M. Sc. Chemistry TWO YEARS	CHL 5020	Organic Chemistry-XIV: Green Chemistry	2019
		CHL 4018	Organic Chemistry-IX: Organic Synthesis	2022
		CHL 4002	Physical Chemistry-VI: Chemical Kinetics	2022
		CHL 4003	Inorganic Chemistry-VI: Organometallics	2022
		CHP 4061	Organic Chemistry Lab	2022
		CHL 4077	Inorganic Polymers	2022
		CHL 4078	Physical Chemistry – VI (Bio-Physical Chemistry)	2022
		PCL4022	Synthesis and Characterization of Materials	2022
		*SOL1006	Drug abuse Problem Management and Prevention (Mandatory Course)	2022
		CHL 4019	Inorganic Chemistry-IX: Cluster and Cage Compounds	2022
		CHL 4020	Physical Chemistry-VIII: Statistical Thermodynamics and Advanced Quantum Chemistry	2022
		CHL 4021	Organic Chemistry-IX: Organic Synthesis	2022
		CHL 4022	Inorganic Chemistry-X: Inorganic Materials and Nuclear Chemistry	2022
		CHL4023	Physical Chemistry-IX: Modern Methods of Analysis	2022
		CHL 4024	Physical Chemistry-X: Bio-thermodynamics	2022
		CHP 4019	Inorganic Chemistry Lab - VII: Synthesis & spectral characterization of coordination compounds-I	2022
		PCL4012	Atomic and Molecular Spectroscopy	2022
		EDL0010	Universal Human Value-II : Understanding Harmony	2022
		*PSL 0059	Human Rights and Constitutional Duties (Mandatory Course)	2022
		CHL5008	Inorganic Chemistry-XI: Bio-inorganic Chemistry	2022
		CHL5009	Organic Chemistry-X: Supramolecular Chemistry	2022
		CHL5010	Organic Chemistry-XI: Photochemistry and Pericyclic Reactions	2022
		CHL 5011	Physical Chemistry XI: Micellar and Nanochemistry	2022
		CHL 5012	Physical Chemistry XII: Ions in Solution	2022
		CHP 5009	Organic Chemistry Lab -VII: Organic Synthesis	2022
		CHP 5011	Physical Chemistry Lab-V: Solute-Solvent Interactions and Chemical Dynamics	2022
		CHS 5001	Seminar	2022
		*ESL-2020	*Environmental Studies (Mandatory Course)	2022
		CHL 5015	Organic Chemistry-XII: Bioorganic and Medicinal Chemistry	2022
		CHL 5016	Physical Chemistry-XIII: Thermodynamics and Chemical Dynamics	2022
		CHL 5017	Inorganic Chemistry-XII: Spectral Techniques in Inorganic Chemistry	2022
		CHL 5018	Organic Chemistry-XIII: Biosynthesis of Natural Products	2022
		CHL 5019	Physical Chemistry-XIV: Chemistry of Materials	2022
		CHL 5020	Organic Chemistry-XIV: Green Chemistry	2022
		CHD - 5001	Dissertation	2022
2712	M. Sc. Applied Chemistry	CHL 4018	Organic Chemistry-IX: Organic Synthesis	2022
		CHL 4002	Physical Chemistry-VI: Chemical Kinetics	2022
		CHL 4003	Inorganic Chemistry-VI: Organometallics	2022
		CHP 4061	Organic Chemistry Lab	2022
		CHL 4074	Organic Spectroscopy	2022
		CHL 4076	Pharmaceutical Processing and Technology	2022
		CHL 4075	Biological Chemistry	2022
		CHL 4019	Inorganic Chemistry-VII: Spectral Techniques in Inorganic Chemistry	2022
		CHL 4081	Chemical Engineering-I	2022
		CHL 4021	Organic Chemistry-X: Organic Synthesis	2022
		CHL 4085	Medicinal Chemistry-I	2022
		CHL 4084	Modern Instrumental and Spectroscopic Techniques	2022
		CHP 4071	Instrumental Technique Lab-I	2022
		CHL 4083	Physical Chemistry-II	2022
		EDL-0010	Universal Human Values-II : Understanding Harmony	2022
		CHL 5008	Inorganic Chemistry-VIII Bio-inorganic Chemistry	2022
		CHL 5081	Chemical Engineering-II	2022
		CHL 5082	Medicinal Chemistry-II	2022
		CHL 5011	Organic Chemistry-XII: Photochemistry and Pericyclic Reactions	2022
		CHL 5083	Drug Design and Development	2022
		CHL 5085	Process Control and Plant Economics	2022
		CHP 5001	Organic Chemistry-V: Lab Organic Synthesis	2022
		CHP 5083	Instrumental Technique Lab-II	2022
		CHS5009	Seminar	2022
		*ESL-2020	*Environmental Studies (Mandatory Course)	2022
		CHE 5090	Industrial Training	2022
2821	MCA-TYP	CSL4050	Design And Analysis Of Algorithms	2023
		CSL4052	System Software	2023
		CSL4053	System Simulation	2023
		CSL4055	Design of Programming Languages	2023
		CSP4054	Programming Lab-I	2023
		CSL4035	Secure software development	2023
		CSL4036	Machine Learning	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		CSL4037	Computer Graphics	2023
		CSL4094	Open Source Software	2023
		CSL4065	Distributed Systems	2023
		CSL4099	Theory of Computation	2023
		CSL4032	Web Technologies	2023
		CSL4033	Microprocessor & its Applications	2023
		CSP4064	Programming Lab-II	2023
		CSL4096	Information Systems and Security	2023
		CSL4097	Deep Learning	2023
		CSL4098	Digital Image Processing	2023
		EDL0010	Universal Human Values-II Understanding Harmony (Value Added Course)	2023
2751	MCA-TYC	CSL511	Theory of Computation	1988
		CSL512	Microprocessor & its Applications	1988
		CSL520	Computer Networks	1988
		CSP510	Programming Laboratory – III	1988
		CSL521	Secure software development	2020
		CSL522	Machine Learning	2020
		CSL523	Computer Graphics	1988
		CSL530	Web Technologies	1988
		CSL531	Computer Based Optimization Techniques	1988
		CSL532	Data Base Management Systems	1988
		CSL533	Open Source Software	2010
		CSP520	Programming Laboratory – IV	1988
		CSL534	Information Systems and Security	2010
		CSL535	Deep Learning	2020
		CSL536	Digital Image Processing	1988
		CSL611	System Software	1988
		CSL612	Software Engineering	1988
		CSL636	Distributed Systems	1988
		CSL641	Cloud Native Application development	2020
		CSP610	Programming Laboratory – V	1988
		CSL642	Digital Forensics	2020
		CSL639	Natural Language Processing	2020
		CSL640	Computer Vision	2020
		CSE620	Major Project	1988
2820	MCA-FYIP	CSL1010	Programming Language-I	2023
		CSL1014	Fundamentals of IT	2023
		ECL1091	Mathematics-I	2023
		CSP1012	Programming Lab-I	2023
		ENL1001	Communicative English-I	2023
		SOL1006	Drug Abuse: Problem, Management and Prevention (Value Added Coures)	2023
		PBL1021	Punjabi Compulsory-I	2023
		PBL1022	mu' FII pMjwbl/Mudhli Punjabi-I	2023
		HSL4060	Punjab History & Culture (1450-1716)	2023
		CSL1021	Numerical Methods	2023
		CSL1022	Data Base Management System	2023
		CSL1023	Data Structure & File Processing	2023
		CSL1024	Object Oriented Programming C++	2023
		CSP1020	Programming Lab-II	2023
		ENL1051	Communicative English-II	2023
		PSL0059	Human Rights & Constitutional Duties (Value Added Coures)	2023
		PBL1031	Punjabi Compulsory-II	2023
		PBL1032	mu' FII pMjwbl/Mudhli Punjabi-II	2023
		HSL5020	Punjab History & Culture (1717-1947)	2023
2750	MCA-FYIC	CSL210	Operating System	2001
		CSL212	Information Systems	2001
		CSL213	Object Oriented Programming In Java	2001
		CSL215	Computer Organization and Architecture	2001
		CSP214	Programming Lab-III	2001
		ESL220	Environmental Studies (Mandatory Coures)	2001
		MTL211	Computer Based Optimization Techniques	2001
		CSL220	Data Communications	2001
		CSL222	Theory of Computer Science	2001
		CSL223	RDBMS Using ORACLE (SQL, PL/SQL)	2001
		CSL225	Microprocessor And Its Applications	2001
		CSL226	Software Engineering	2001
		CSP224	Programming Lab-IV	2001
		CSL310	Computer Graphics	2001
		CSL316	Introduction to Python Programming	2010
		CSL312	Compiler Design	2001
		CSL313	Advanced Java Technologies	2001
		CSP315	Programming Lab-V	2001
		CSE320	Major Project-I	2001
		CSL450	Design And Analysis Of Algorithms	2001
		CSL452	System Software	2001
		CSL453	System Simulation	2001
		CSL455	Design of Programming Languages	2001
		CSP454	Programming Lab-VII	2001
		CSL482	Introduction to Machine Learning	2020
		CSL465	Distributed Systems	2001
		CSL469	Web Technologies	2001
		CSL479	Data Communication-II	2001
		CSL480	Big Data & Business Analytics	2010
		CSP464	Programming Lab-VIII	2001
		CSL538	Advanced Software Engineering	2001
		CSL539	Soft Computing	2001
		CSL540	Data Warehousing and Data Mining	2010

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		CSL537	Digital Image Processing	2001
		CSL542	Advanced Computer Architecture	2001
		CSP536	Programming Lab-IX	2001
		CSD690	Major Project	2001
1703	B.TECH. (COMPUTER SCIENCE & ENGINEERING)	CEL120	Engineering Mechanics	2019
		MEL121	Engineering Graphics & Drafting using AutoCAD	2020
		MTL101	Mathematics-I	1994
		PHL183	Physics	2016
		MEL110	Introduction to Engg. Materials	2019
		SOA- 101	Elective-I Drug Abuse: Problem, Management and Prevention - Interdisciplinary Course Compulsory	2017
		PBL121	Punjabi (Compulsory)	2009
		PBL122	Basic Punjabi	2009
		HSL101	Punjab History & Culture (1450-1716)	2009
		CYL197	Engineering Chemistry	2016
		MTL102	Mathematics-II	1994
		ECL119	Basic Electrical & Electronics Engineering	2019
		CSL126	Fundamentals of IT & Programming using Python	2015
		ENL101	Communicative English	1998
		MEP 102	Manufacturing Practices	2020
		PBL131	Elective-II Punjabi (Compulsory)	2009
		PBL132	Elective-II Basic Punjabi	2009
		HSL102	Elective-II Punjab History & Culture (1717-1947)	2009
		CSL231	Data Structures & Programming Methodology	1994
		CSL233	Programming in C++	1998
		ECL291	Digital Circuits & Logic Design	1994
		ENL201	Written & Oral Technical Communication	2001
		ESL220	Environmental Studies -Interdisciplinary Course (Compulsory)	2010
		CSL240	Operating System	1994
		CSL241	Data Communication	1994
		CSL243	System Programming	1994
		CSL244	Discrete Structures	1994
		CSL245	Computer Architecture	1994
		PSL-057	Human Rights and Constitutional Duties (Compulsory)	2013
		CSL330	System Analysis And Design	1994
		CSL332	Relational Database Management Systems	1994
		CSL333	Design & Analysis of Algorithm	1994
		CSL351	Formal Languages & Automata Theory	1994
		CSL336	Programming in ASP.Net	2012
		CSL342	Object Oriented Analysis & Design	1994
		CSL344	Object Oriented Programming using JAVA	2005
		CSL350	Software Engineering and Testing	2010
		CSL345	Elective-I Natural Language Processing	1994
		CSL346	Elective-I System Hardware Design	1994
		CSL347	Real Time Systems	1994
		CSL348	Elective-I Operation Research	1994
		CSL349	Elective-I Language Processor	1994
		CSL481	Computer Graphics	1994
		CSL474	Cloud Computing	2012
		CSL477	Artificial Intelligence	2017
		CSL478	Machine Learning	2017
		CSL472	Departmental Elective-II Internet Protocol	1994
		CSL473	Departmental Elective-II Advanced Microprocessors	1994
		CSL476	Departmental Elective-II Robotics	2014
		CSD480	Industrial Training Cum Projects	1994
1702	B.TECH. (COMPUTER ENGINEERING)	CEL120	Engineering Mechanics	2019
		MEL121	Engineering Graphics & Drafting Using AutoCAD	2020
		MTL101	Mathematics-I	2011
		PHL183	Physics	2016
		MEL110	Introduction to Engg. Materials	2019
		SOA- 101	Drug Abuse: Problem, Management and Prevention -Interdisciplinary Course (Compulsory)	2017
		PBL121	Punjabi (Compulsory)	2011
		PBL122	Basic Punjabi	2011
		HSL101	Punjab History & Culture (1450-1716)	2011
		CYL197	Engineering Chemistry	2016
		MTL102	Mathematics-II	2011
		ECL119	Basic Electrical & Electronics Engineering	2019
		CSL126	Fundamentals of IT & Programming using Python	2015
		ENL 101	Communicative English-I	2011
		MEP 102	Manufacturing Practices	2020
		PBL131	Punjabi (Compulsory)	2011
		PBL132	Basic Punjabi	2011
		HSL102	Punjab History & Culture (1717-1947)	2011
		CSL231	Data Structures & Programming Methodology	2011
		CSL233	Programming in C++	2011
		ECL291	Digital Circuits & Logic Design	2011
		ENL201	Written & Oral Technical Communication	2011
		ESL220	Environmental Studies -Interdisciplinary Course (Compulsory)	2011
		CSL240	Operating System	2011
		CSL241	Data Communication	2011
		CSL243	System Programming	2011

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		CSL244	Discrete Structures	2011
		CSL245	Computer Architecture	2011
		PSL-057	Human Rights and Constitutional Duties (Compulsory ID)	2013
		CSL330	System Analysis And Design	2011
		CSL332	Relational Database Management Systems	2011
		CSL333	Design & Analysis of Algorithm	2011
		CSL351	Formal Languages & Automata Theory	2011
		CSL336	Programming in ASP.Net	2012
		CSL342	Object Oriented Analysis & Design	2011
		CSL344	Object Oriented Programming using JAVA	2011
		CSL350	Software Engineering and Testing	2011
		CSL347	Real Time Systems	2011
		CSL345	Natural Language Processing	2011
		CSL346	System Hardware Design	2011
		CSL348	Operation Research	2011
		CSL349	Language Processor	2011
		CSL334	Computer Graphics	2011
		CSL474	Cloud Computing	2011
		CSL477	Artificial Intelligence	2017
		CSL478	Machine Learning	2017
		CSL472	Internet Protocol	2011
		CSL473	Advanced Microprocessors	2011
		CSL476	Robotics	2014
		CSD480	Industrial Training Cum Projects	2011
2729	M.Tech (CSE)	CSL553	Programming Concepts	2008
		CSL554	Distributed Operating System	2008
		CSL555	Network Security	2008
		CSL548	Data Mining	2008
		CSL560	Computer System Architecture & Organization	2008
		CSL569	Software Engineering and Testing	2008
		CSL567	Wireless Networks	2008
		CSL564	Advanced Software Engineering	2008
		CSL565	Network Programming	2008
		CSL566	Advanced Cloud Computing	2008
		CSL656	Introduction to Data Science	2008
		CSL651	Dissertation (Part-I)	2008
		CSL650	Parallel Computing	2008
		CAL652	Artificial Neural Networks	2008
		CSL653	Digital Image Processing	2008
		CSL655	Software Project Management	2008
		CSD660	Dissertation (Part-II)	2008
1733	B.Sc. (Computational Statistics & Data Analytics)	DAL 110	Discrete Mathematics	2020-21
		DAL 111	Statistical Methods	2020-21
		DAL 112	Fundamentals of Computer programming	2020-21
		SOA 101	Drug Abuse: Problem, Management and Prevention.	2020-21
		ENL101	Communicative English-I	2020-21
		PBL121	Punjabi Compulsory	2020-21
		PBL122	Basic Punjabi	2020-21
		HSL101	Punjab History & Culture (1450-1716)	2020-21
		DAL 121	Calculus	2020-21
		DAL 122	Theory of Probability	2020-21
		PSL 057	Human Rights and Constitutional Duties	2020-21
		DAL 123	Data Sciences	2020-21
		DAL 124	Data Based Management System	2020-21
		PBL131	Punjabi Compulsory (Compulsory Paper)	2020-21
		PBL132	Basic Punjabi	2020-21
		HSL102	Punjab History & Culture (1717-1947)	2020-21
		DAL 210	Forecasting and Risk Analysis	2020-21
		DAL 211	Optimization Techniques	2020-21
		DAL 212	Data Visualization and Data Preparation	2020-21
		DAL 213	Hypothesis Testing with SPSS	2020-21
		DAL 214	Linear Algebra	2020-21
		ESL 220	Environment Studies (Mandatory Courses)	2020-21
		DAL 221	Statistical Inference with R	2020-21
		DAL 222	Data Ware Housing and Data Mining	2020-21
		DAL 223	Regression Analysis	2020-21
		DAL 224	Machine Learning	2020-21
		DAL 225	Numerical Analysis	2020-21
		DAL 260	Advanced Python Programming	2020-21
		DAL 261	Data Structures	2020-21
		DAL 311	Research Methodology	2020-21
		DAL 312	Artificial Intelligence	2020-21
		DAL 313	Linear Models and Analysis of Variance with spreadsheets	2020-21
		DAL 314	Big Data Analytics	2020-21
		DAL 315	Deep Learning	2020-21
		DAL 331	Project Management	2020-21
		DAL 332	Internet of Things	2020-21
		DAL 321	Digital Marketing	2020-21
		DAL 324	Major project	2020-21
		DAL 361	Tensorflow For Deep Learning Research	2020-21
		DAL 362	Software Testing	2020-21
2816	M.Sc. (Computational Statistics & Data Analytics) [FYIP]	DAL1001	Quantitative Statistics	2020-21
		DAL1002	Fundamentals of Computers and Excel	2023-24
		DAL1003	Programming using Python	2023-24
		UBL 0001	Principles and Practices of Management	2023-24
		SOL1006	Drug Abuse: Problem, Management and Prevention (Value Added Course)	2023-24

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		PBL1021	Punjabi Compulsory	2023-24
		PBL1022	Mudhli Punjabi	2023-24
		DAL1050	Fundamentals of Mathematics	2023-24
		DAM0002	Computer Applications in Business	2023-24
		PSL0059	Human Rights and Constitutional Duties (Value Added Course)	2023-24
		DAL1051	Advance Python Programming	2023-24
		DAL1052	Hypothesis Testing using SPSS	2023-24
		DAL2001	Statistics for Data Analytics	2023-24
		DAL2002	Data Visualization and Data Preparation using Tableau	2023-24
		CSL2031	Data Structures & Programming Methodology	2023-24
		CSL2033	Programming in C++	2023-24
		ESL2020	Environment Studies (Value Added Course)	2023-24
		ENL1001	Communicative English-I	2023-24
		DAL2050	Data Science	2023-24
		DAL2051	Calculus and Theory of Probability	2023-24
		DAL2052	Digital and Social Media Marketing	2023-24
		ENL2001	Written & Oral Technical Communication	2023-24
		CSL2044	Discrete Structures	2023-24
		DAL3012	Artificial Intelligence	2023-24
		DAL3014	Big Data Analytics	2023-24
		DAL3032	Internet of Things	2023-24
		CSL3032	Relational Database Management Systems	2023-24
		DAL3090	Internship	2023-24
		DAL3050	Data Wrangling	2023-24
		DAL3051	Business Intelligence and Analytics	2023-24
		CSL3033	Design & Analysis of Algorithm	2023-24
		CSL3044	Object Oriented Programming using JAVA	2023-24
		CSL3050	Software Engineering and Testing	2023-24
		DAL4001	Data Collection & Methodology Approaches	2023-24
		DAL4002	Marketing Management & Human Resource Management	2023-24
		DAL4003	R Programming	2023-24
		DAL4004	Soft Computing Techniques	2023-24
		DAL4050	Total Quality Management	2023-24
		DAL4051	Data Analysis using Deep Learning	2023-24
		DAL4052	Introduction to Blockchain Technology	2023-24
		DAL4053	Fundamentals of Computer Networks	2023-24
		USL 4061	Business Research Methods	2023-24
		EDL0010	Universal Human Values-II Understanding Harmony (Value Added Course)	2023-24
		DAL4090	Research Project Dissertation	2023-24
		DAL5001	Healthcare Analytics	2023-24
		DAL5002	Statistical Quality Control	2023-24
		DAL5003	Optimization Techniques	2023-24
		DAL5004	Next Generation Databases	2023-24
		DAL5050	Forensic Science Analysis	2023-24
		DAL5051	Information Retrieval using Text Analytics	2023-24
		DAL5052	Social Network Analysis	2023-24
		DAL5053	Data Analytics using Cloud	2023-24
		DAL5090	Research Dissertation	2023-24
2827	M.Sc. (Computational Statistics & Data Analytics) [TYP]	DAL4001	Data Collection & Methodology Approaches	2023-24
		DAL4002	Marketing Management & Human Resource Management	2023-24
		DAL4003	R Programming	2023-24
		DAL4004	Soft Computing Techniques	2023-24
		DAL4050	Total Quality Management	2023-24
		DAL4051	Data Analysis using Deep Learning	2023-24
		DAL4052	Introduction to Blockchain Technology	2023-24
		DAL4053	Fundamentals of Computer Networks	2023-24
		USL 4061	Business Research Methods	2023-24
		EDL0010	Universal Human Values-II Understanding Harmony (Value Added Course)	2023-24
		DAL4090	Research Project Dissertation	2023-24
		DAL5001	Healthcare Analytics	2023-24
		DAL5002	Statistical Quality Control	2023-24
		DAL5003	Optimization Techniques	2023-24
		DAL5004	Next Generation Databases	2023-24
		DAL5050	Forensic Science Analysis	2023-24
		DAL5051	Information Retrieval using Text Analytics	2023-24
		DAL5052	Social Network Analysis	2023-24
		DAL5053	Data Analytics using Cloud	2023-24
		DAL5090	Research Dissertation	2023-24
2811	M.Sc. ECONOMICS(Five Year Integrated Program)	ENL 101	Communicative English-I	2023
		PBL 121/	Punjabi (Compulsory) -I	2023
		PBL 122/	Basic Punjabi	2023
		HSL 101	Punjab History & Culture (Culture(1450-1716) SpecialPaperinlieuofPunjabiCompulsory) (Forthosestudentswhoarentot	2023
		EOL 102	Microeconomics-I	2023
		EOL 103	Macroeconomics-I	2023
		EOL 104	Mathematics for Economists -I	2023
		EOL 105	Statistics-I	2023
		EOL 106	Computer Fundamentals	2023
		ENL 151	Communicative English-II	2023
		PBL 131/	Punjabi (Compulsory) -II	2023
		PBL 132/	w ZYbhgzikph	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		HSL 102	PunjabHistory&Culture(1717-1749)Special PaperIn lieu ofPunjabiCompulsory)	2023
		EOL 108	Microeconomics–II	2023
		EOL 109	Macroeconomics–II	2023
		EOL 110	Mathematics for Economists –II	2023
		EOL 111	Statistics–II	2023
		EOL 112	Operating Systems	2023
		SOA 101	Drug Abuse: Problem Management and Prevention (Compulsory ID Paper)	2023
1716	B.Sc. (HONS. SCHOOL) ECONOMICS	EOL201	Microeconomics–III	2010
		EOL202	Macroeconomics–III	2010
		EOL203	Mathematics for Economists –III	2010
		EOL204	Agricultural Economics	2010
		EOL205	Introduction to GUI Packages	2010
		ESL220	Environmental Studies (Compulsory ID Paper)	2010
		EOL209	Statistics–III	2010
		EOL210	Money and Banking	2010
		EOL211	Industrial Economics	2010
		EOL212	Labour Economics	2010
		EOL213	Relational Data Base and Management System	2010
		PSL055	HumanRights&ConstitutionalDuties (Compulsory IDPaper)	2010
		EOL301	Public Finance	2010
		EOL302	Indian Economy	2010
		EOL303	Economic History of India	2010
		EOL304	International Economics	2010
		EOL305	Econometrics	2010
		EOL306	SAD and Structure Programme	2010
		EOL307	Regional Economics with Special Reference to Punjab Economy	2010
		EOL308	Entrepreneurial Development	2010
		EOL309	Development Economics	2010
		EOL310	Comparative Economic Systems	2010
		EOL311	AccountingandFinancialManagement	2010
		EOL312	Computer Networks and Internet Applications	2010
2784	M.SC. (USHS) IN ECONOMICS (FOUR YEAR INTEGRATE COURSE) Sem-VII	EOL421	Advanced Microeconomics	2010
		EOL422	Advanced Macroeconomics	2010
		EOL423	Advanced Mathematics for Economists	2010
		EOL424	Advanced Development Economics &Planning	2010
		EOL425	Advanced Theory of Statistics	2010
		EOL426	Advanced Econometrics	2010
		EOP427	Comprehensive Viva Voce	2010
		EOL428	Current Issues in Indian Economy (Compulsory)	2010
		EOL429	Operations Research (Compulsory)	2010
		EOL430	Data Science for Economists (Compulsory)	2010
		EOP431	Comprehensive Viva Voce	2010
		EOT432	Term Paper	2010
		EOL433	International Trade & Investment	2010
		EOL435	Economics of Innovation	2010
		EOL436	Environmental Economics	2010
2789	M.Sc. ECONOMICS(USHS)	EOL501	Economics of Development	2010
		EOL504/EOL508	Theory of Statistics/Environmental Economics	2010
		EOL409	Agricultural Economics	2010
		EOL502	Econometrics	2010
		EOL408	Labour Economics and Industrial Relations	2010
		EOL510	Economics of Planning	2010
		EOL511	IndianEconomicDevelopment	2010
		EOT513	Term Paper	2010
		EOL412	Demography	2010
		EOL505	Operations Research	2010
		EOL506	International Trade and Investment	2010
2830	M.SC. ECONOMICS (Two Year Programme)	EOL401	Microeconomic Theory–I	2023
		EOL402	Macroeconomic Theory-I	2023
		EOL418	Public Economics	2023
		EOL417	Statistical Techniques	2023
		EOL427	Economics of Industrialisation	2023
		EOL403	Mathematical Techniques	2023
		EOL428	Research Methodology	2023
		EOT431	Term Paper	2023
		EOL419	Economics of Gender and Development	2023
		EOL421	Financial Institutions and Markets	2023
2702	M.A. (Business Economics)	EOL 451	EconomicAnalysis for Business Decisions–I	2010
		EOL 452	Quantitative Techniques for Business	2010
		EOL 453	Computer Applications for Business	2010
		EOL 454	Business Finance & Accounting	2010
		EOL 455	Organizational Principles and Behaviour	2010
		EOL 461	Economic Analysis for Business Decisions – II	2010
		EOL 462	Operations Research	2010
		EOL 463	Banking and Foreign Exchange Management	2010
		EOL 464	Indian and Global Economic Environment	2010
		EOL 465	Consumer Behaviour and Marketing Management	2010
		EOL487	Summer Internship 30-45 days followed by viva-voce on training (During Summer Vacations)	2010
1746	B.A. B.Ed. (Integrated Teacher Education Programme) (ITEP) - Secondary Stage (4 Years)	EDL1100	Evolution of Indian Education***	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		EDL1101	English (Major): Literary Terms –I And Modern Play	2023
		EDL1102	English (Major): Literary Terms –II And Modern Novel	2023
		EDL1103	Hindi (Major): हिंदी गद्य-I	2023
		EDL1104	Hindi (Major): हिंदी कविता-I	2023
		EDL1105	Punjabi (Major): ਪੰਜਾਬੀ ਵਾਰਤਕ-I	2023
		EDL1106	Punjabi (Major): ਪੰਜਾਬੀ ਕਵਿਤਾ-I	2023
		EDL1107	History (Major): History Of India Upto C. 1000-I	2023
		EDL1108	History (Major): History Of India (C. 1000– A.D.1707)-I	2023
		EDL1109	Geography (Major): PHYSICAL GEOGRAPHY–I: GEOMORPHOLOGY	2023
		EDP1110	Geography (Major): Cartography–I Practical	2023
		EDL1111	Political Science (Major): Principles Of Political Science	2023
		EDL1112	Political Science (Major): Modern Political Theory	2023
		EDL1113	Mathematics (Major): Algebra	2023
		EDL1114	Mathematics (Major): Calculus And Trigonometry	2023
		EDL1115	Economics (Major): Micro Economics-I	2023
		EDL1116	Economics (Major): Macro Economics-I	2023
		EDL1551	Chemistry (Minor): Inorganic Chemistry-I (Atomic Structure And Chemical Bonding)	2023
		EDP1552	Chemistry (Minor): Inorganic Chemistry -I (Volumetric Analysis-I (Lab))	2023
		EDL1553	Physics (Minor): Mechanics (Theory)	2023
		EDP1554	Physics (Minor): Physics Practical-I	2023
		EDL1501	Mathematics (Minor): Algebra	2023
		EDL1555	Botany (Minor): Biomolecules And Cell Biology	2023
		EDP1556	Botany (Minor): Biomolecules And Cell Biology Lab	2023
		EDL1557	Zoology (Minor): Biology of Non Chordates (Protozoa- Annelida)	2023
		EDP1558	Zoology (Minor): Biology of Non Chordates (Protozoa- Annelida) Practical	2023
		EDL1502	English (Minor): Literary Terms –I And Modern Play	2023
		EDL1503	Hindi (Minor): हिंदी गद्य-I	2023
		EDL1504	Punjabi (Minor): ਪੰਜਾਬੀ ਵਾਰਤਕ-I	2023
		EDL1505	History (Minor): History Of India Upto C. 1000-I	2023
		EDL1506	Geography (Minor): Physical Geography–I: (Geomorphology)	2023
		EDL1507	Political Science (Minor): Principles Of Political Science	2023
		EDL1508	Economics (Minor): Micro Economics-I	2023
		EDL1132	Communicative English ***	2023
		EDP1133	Arts (Performing and Visual) and Creative Expressions- Theatre ***	2023
		EDL1134	Understanding India (Indian Ethos and Knowledge Systems) ***	2023
		EDL1135	English (Major): Modern Prose-I	2023
		EDL1136	English (Major): Modern Prose-II	2023
		EDL1137	Hindi (Major): हिंदी गद्य-II	2023
		EDL1138	Hindi (Major): हिंदी कविता-II	2023
		EDL1139	Punjabi (Major): ਪੰਜਾਬੀ ਵਾਰਤਕ-II	2023
		EDL1140	Punjabi (Major): ਪੰਜਾਬੀ ਕਵਿਤਾ-II	2023
		EDL1141	History (Major): History Of India Upto C. 1000-II	2023
		EDL1142	History (Major): History Of India (C. 1000–A.D.1707)-II	2023
		EDL1143	Geography (Major): Physical geography-II: Climatology & Oceanography	2023
		EDP1144	Geography (Major): Cartography–II Practical	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		EDL1145	Political Science (Major): Indian Constitution	2023
		EDL1146	Political Science (Major): Punjab Politics	2023
		EDL1147	Mathematics (Major): Calculus And Differential Equations	2023
		EDL1148	Mathematics (Major): Calculus	2023
		EDL1149	Economics (Major): Micro Economics-II	2023
		EDL1150	Economics (Major): Macroeconomics-II	2023
		EDP1151	Workshop On Drug Abuse	2023
		EDL1559	Chemistry (Minor): Inorganic Chemistry-II Chemistry Of S, P, D & F Block Elements	2023
		EDP1560	Chemistry (Minor): Inorganic Chemistry-II Lab (Qualitative Analysis)	2023
		EDL1561	Physics (Minor): Relativity And Electromagnetism (Theory)	2023
		EDP1562	Physics (Minor): Physics Practical -I	2023
		EDL1509	Mathematics (Minor): Calculus And Differential Equations	2023
		EDL1563	Botany (Minor): Biology of Inheritance	2023
		EDP1564	Botany (Minor): Biology of Inheritance Lab	2023
		EDL1565	Zoology (Minor): Biology of Chordates-I	2023
		EDP1566	Zoology (Minor): Biology of Chordates Lab-I	2023
		EDL1510	English (Minor): Modern Prose-I	2023
		EDL1511	Hindi (Minor): हिन्दी गद्य-II	2023
		EDL1512	Punjabi (Minor): ਪੰਜਾਬੀ ਵਾਰਤਕ-II	2023
		EDL1513	History (Minor): History Of India Upto C. 1000-II	2023
		EDL1514	Geography (Minor): Physical Geography – II: Climatology & Oceanography	2023
		EDL1515	Political Science (Minor): Indian Constitution	2023
		EDL1516	Economics (Minor): Micro Economics-II	2023
		EDL1491	Punjabi Compulsory*** OR	2023
		EDL1490	Mudhli Punjabi (In lieu of Punjabi Compulsory) OR	2023
		EDL1461	*Punjab History & Culture (From Earliest Times to C320) (In lieu of Punjabi Compulsory)	2023
		EDL1152	Understanding India (Indian Ethos And Knowledge Systems)***	2023
		EDL1153	Teacher And Society***	2023
		EDL1492	Child Development & Educational Psychology***	2023
		EDL1154	English (Major): Modern English Drama	2023
		EDL1155	English (Major): Phonetics and Spoken English	2023
		EDL1156	Hindi (Major):हिंदी साहित्य का इतिहास	2023
		EDL1157	Hindi (Major): हिंदी नाटक	2023
		EDL1158	Punjabi (Major): ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ	2023
		EDL1159	Punjabi (Major): ਪੰਜਾਬੀ ਨਾਟਕ	2023
		EDL1160	History (Major): History of India (Ad 1707-1947)-I	2023
		EDL1161	History (Major): History of The World (C 1500-1956 Ad)-I	2023
		EDL1162	Geography (Major): Resources And Environment: World Patterns	2023
		EDP1163	Geography (Major): Cartographic Representation of Geographic Data	2023
		EDL1164	Political Science (Major): Foreign Policy of India	2023
		EDL1165	Political Science (Major): Issues in Indian Politics	2023
		EDL1166	Mathematics (Major): Analysis	2023
		EDL1167	Mathematics (Major): Analytical Geometry	2023
		EDL1168	Economics (Major): Indian Economy	2023
		EDL1169	Economics (Major): International Economics And Public Finance	2023
		EDP1170	Workshop On Environmental Awareness***	2023
		EDL1567	Chemistry (Minor): Organic Chemistry-II (Chemistry Of Oxygen And Nitrogen Containing Functional Groups)	2023
		EDP1568	Chemistry (Minor): Organic Chemistry-II Lab (Qualitative Analysis)	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		EDL1569	Physics (Minor): Statistical Mechanics & Thermodynamics (Theory)	2023
		EDP1570	Physics (Minor): Physics Practical-I	2023
		EDL1517	Mathematics (Minor): Analysis	2023
		EDL1571	Botany (Minor): Diversity of Gymnosperms	2023
		EDP1572	Botany (Minor): Diversity of Gymnosperms Lab	2023
		EDL1573	Zoology (Minor): Animal Physiology	2023
		EDP1574	Zoology (Minor): Zoology Lab-III (Physiology)	2023
		EDL1518	English (Minor): Modern English Drama	2023
		EDL1519	Hindi (Minor): हिंदी साहित्य का इतिहास	2023
		EDL1520	Punjabi (Minor): ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ	2023
		EDL1521	History (Minor): History Of India (Ad 1707-1947)-I	2023
		EDL1522	Geography (Minor): Resources And Environment: World Patterns	2023
		EDL1523	Political Science (Minor): Foreign Policy Of India	2023
		EDL1524	Economics (Minor): Indian Economy	2023
		EDL1167	PEDAGOGY OF ENGLISH -I	2023
		EDL1170	PEDAGOGY OF HISTORY -I	2023
		EDL1171	PEDAGOGY OF GEOGRAPHY-I	2023
		EDL1172	PEDAGOGY OF POLITICAL SCIENCE-I	2023
		EDL1173	PEDAGOGY OF ECONOMICS-I	2023
		EDL1174	PEDAGOGY OF PHYSICS-I	2023
		EDL1175	PEDAGOGY OF CHEMISTRY-I	2023
		EDL1176	PEDAGOGY OF MATHEMATICS-I	2023
		EDL1177	PEDAGOGY OF ZOOLOGY-I	2023
		EDL1178	PEDAGOGY OF BOTANY-I	2023
		EDL1179	Philosophical & Sociological Perspectives of Education-I***	2023
		EDL1180	English (Major): Communication Studies	2023
		EDL1181	English (Major): Modern English Novel	2023
		EDL1182	Hindi (Major): आधुनिक हिंदी व्याकरण	2023
		EDL1183	Hindi (Major):हिंदी आलोचना	2023
		EDL1184	Punjabi (Major): ਵਿਹਾਰਿਕ ਅਲੋਚਨਾ	2023
		EDL1185	Punjabi (Major): ਪੰਜਾਬੀ ਸਤਿਆਚਾਰ	2023
		EDL1186	History (Major): History of India (Ad 1707-1947)-II	2023
		EDL1187	History (Major): History of The World (C 1500-1956 Ad)-II	2023
		EDL1188	Geography (Major): Geography of Punjab	2023
		EDP1189	Geography (Major): Map Work and Practical Geography	2023
		EDL1190	Political Science (Major): Indian Political System- I	2023
		EDL1191	Political Science (Major): Indian Political System- II	2023
		EDL1192	Mathematics (Major): Statics and Vector calculus	2023
		EDL1193	Mathematics (Major): Solid Geometry	2023
		EDL1194	Economics (Major): Economics of Development	2023
		EDL1195	Economics (Major): Quantitative Methods for Economists	2023
		EDL1575	Chemistry (Minor): Inorganic Chemistry-III Coordination Chemistry	2023
		EDP1576	Chemistry (Minor): Inorganic Chemistry-III (Volumetric Analysis-II (Lab))	2023
		EDL1577	Physics (Minor): Quantum Mechanics	2023
		EDP1578	Physics (Minor): Physics Practical-I	2023
		EDL1525	Mathematics (Minor): Statics and Vector Calculus	2023
		EDL1579	Botany (Minor): Diversity of Angiosperms -I	2023
		EDP1580	Botany (Minor): Diversity of Angiosperms Lab	2023
		EDL1581	Zoology (Minor): Animal Embryology	2023
		EDP1582	Zoology (Minor): Zoology Lab-V(Embryology)	2023
		EDL1526	English (Minor): Communication Studies	2023
		EDL1527	Hindi (Minor): आधुनिक हिंदी व्याकरण	2023
		EDL1528	Punjabi (Minor): ਵਿਹਾਰਿਕ ਅਲੋਚਨਾ	2023
		EDL1529	History (Minor): History of India (Ad 1707-1947)-II	2023
		EDL1530	Geography (Minor): Geography of Punjab	2023
		EDL1531	Political Science (Minor): Indian Political System- I	2023
		EDL1532	Economics (Minor): Economics of Development	2023
		EDL1196	Pedagogy Of English –II	2023
		EDL1197	Pedagogy Of Punjabi-II	2023
		EDL1198	Pedagogy Of Hindi-II	2023
		EDL1199	Pedagogy Of History -II	2023
		EDL1200	Pedagogy Of Geography-II	2023
		EDL1201	Pedagogy Of Political Science-II	2023
		EDL1202	Pedagogy Of Economics-II	2023
		EDL1203	Pedagogy Of Physics-II	2023
		EDL1204	Pedagogy Of Chemistry-II	2023
		EDL1205	Pedagogy Of Mathematics-II	2023
		EDL1206	Pedagogy Of Zoology-II	2023
		EDL1207	Pedagogy Of Botany-II	2023
		EDL1208	English (Major): Modern English Grammar	2023
		EDL1209	English (Major): Advanced Writing	2023
		EDL1210	Hindi (Major): हिंदी पत्रकारिता	2023
		EDL1211	Hindi (Major): हिंदी अनुवाद	2023
		EDL1212	Punjabi (Major): ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਗੁਰਮੁਖੀ ਲਿਪੀ	2023
		EDL1213	Punjabi (Major): ਅਰਥ ਵਿਗਿਆਨ	2023
		EDL1214	History (Major): History of The Punjab (Ad 1469-1799)	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		EDL1215	History (Major): Emergence of Indian Nationalism (A.D. 1857-1919)	2023
		EDL1216	Geography (Major): World Regional Geography-I	2023
		EDP1217	Geography (Major): Map Projections Practical	2023
		EDL1218	Political Science (Major): International Politics: Theory and Practice	2023
		EDL1219	Political Science (Major): Comparative Political Systems (UK & USA)	2023
		EDL1220	Mathematics (Major): Dynamics	2023
		EDL1221	Mathematics (Major): Number Theory	2023
		EDL1222	Economics (Major): Indian and Global Economic Environment	2023
		EDL1223	Economics (Major): Banking and Foreign Exchange Management	2023
		EDL1583	Chemistry (Minor): Inorganic Chemistry-IV: Organometallic and Reaction Mechanisms	2023
		EDP1584	Chemistry (Minor): Inorganic Chemistry-IV Lab Gravimetric Analysis	2023
		EDL1585	Physics (Minor): Solid State Physics (Theory)	2023
		EDP1586	Physics (Minor): Physics Practical-I	2023
		EDL1533	Mathematics (Minor): Dynamics	2023
		EDL1587	Botany (Minor): Plant Physiology	2023
		EDP1588	Botany (Minor): Plant Physiology Lab	2023
		EDL1589	Zoology (Minor): Concepts of Evolution & Systematics	2023
		EDP1590	Zoology (Minor): Zoology Lab-VIII (Evolution and Systematics)	2023
		EDL1534	English (Minor): Modern English Grammar	2023
		EDL1535	Hindi (Minor): हिंदी पत्रकारिता	2023
		EDL1536	Punjabi (Minor): ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਗੁਰਮੁਖੀ ਲਿਪੀ	2023
		EDL1537	History (Minor): History of the Punjab (Ad 1469-1799)	2023
		EDL1538	Geography (Minor): World Regional Geography-I	2023
		EDL1539	Political Science (Minor): International Politics: Theory and Practice	2023
		EDL1540	Economics (Minor): Indian and Global Economic Environment	2023
		EDL1224	PEDAGOGY OF ENGLISH -III	2023
		EDL1225	PEDAGOGY OF PUNJABI-III	2023
		EDL1226	PEDAGOGY OF HINDI-III	2023
		EDL1227	PEDAGOGY OF HISTORY -III	2023
		EDL1228	PEDAGOGY OF GEOGRAPHY-III	2023
		EDL1229	PEDAGOGY OF POLITICAL SCIENCE-III	2023
		EDL1230	PEDAGOGY OF ECONOMICS-III	2023
		EDL1231	PEDAGOGY OF PHYSICS-III	2023
		EDL1232	PEDAGOGY OF CHEMISTRY-III	2023
		EDL1233	PEDAGOGY OF MATHEMATICS-III	2023
		EDL1234	PEDAGOGY OF ZOOLOGY-III	2023
		EDL1235	PEDAGOGY OF BOTANY-III	2023
		EDL1236	ICT in Education***	2023
		EDE1237	Pre Internship Practice (Demonstration Lessons and Peer Teaching)***	2023
		EDL1238	Assessment and Evaluation***	2023
		EDL1239	Inclusive Education***	2023
		EDL1240	English (Major): Diaspora Literature	2023
		EDL1241	English (Major): Classics From Indian Literature	2023
		EDL1242	Hindi (Major): हिन्दी उपन्यास	2023
		EDL1243	Hindi (Major): पाश्चात्य काव्यशास्त्र और समीक्षा	2023
		EDL1244	Punjabi (Major): ਪੰਜਾਬੀ ਵਿਾਣੀ	2023
		EDL1245	Punjabi (Major): ਪੰਜਾਬੀ ਕੇਠਕਾਰੀ	2023
		EDL1246	History (Major): HISTORY OF THE PUNJAB (1799-1966)	2023
		EDL1247	History (Major): THE NATIONAL MOVEMENT (A.D.1920-1947)	2023
		EDL1248	Geography (Major): GEOGRAPHY OF INDIA	2023
		EDP1249	Geography (Major): MAP PROJECTIONS-II AND FIELD WORK	2023
		EDL1250	Political Science (Major): Indian Political Thought: Thinkers and Themes	2023
		EDL1251	Political Science (Major): Human Rights and Constitutional Duties	2023
		EDL1252	Mathematics (Major): Mathematics-I (Linear Algebra)	2023
		EDL1253	Mathematics (Major): Mathematics-IV (Numerical Analysis)	2023
		EDL1254	Economics (Major): History of Economic Thought	2023
		EDL1255	Economics (Major): Economics of Agriculture	2023
		EDL1256	PEDAGOGY OF ENGLISH -IV	2023
		EDL1257	PEDAGOGY OF PUNJABI-IV	2023
		EDL1258	PEDAGOGY OF HINDI-IV	2023
		EDL1259	PEDAGOGY OF HISTORY -IV	2023
		EDL1260	PEDAGOGY OF GEOGRAPHY-IV	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		EDL1261	PEDAGOGY OF POLITICAL SCIENCE-IV	2023
		EDL1262	PEDAGOGY OF ECONOMICS-IV	2023
		EDL1263	PEDAGOGY OF PHYSICS-IV	2023
		EDL1264	PEDAGOGY OF CHEMISTRY-IV	2023
		EDL1265	PEDAGOGY OF MATHEMATICS-IV	2023
		EDL1266	PEDAGOGY OF ZOOLOGY-IV	2023
		EDL1267	PEDAGOGY OF BOTANY-IV	2023
		EDL1268	Mathematical & Quantitative Reasoning***	2023
		EDF1269	School Observation (Field Practice)***	2023
		EDL1270	Perspective on School Leadership and Management***	2023
		EDL1271	Curriculum Planning and Development (Text books, material development, etc) Stage specific***	2023
		EDP1272	Arts (Performing and Visual) and Creative Expression- Collage-Making	2023
		EDL1273	Sports Nutrition and Fitness***	2023
		EDF1274	School Based Research Project***	2023
		EDE1275	Internship in Teaching***	2023
		EDL1276	Philosophical and Sociological Perspectives of Education-II ***	2023
		EDL1277	Education Policy Analysis ***	2023
		EDL1305	Emerging Technologies in Education***	2023
		EDL1306	Education for Sustainable Development***	2023
		EDL1278	Guidance and Counselling***	2023
		EDL1279	Peace Education***	2023
		EDL1280	Adolescence Education***	2023
		EDL1281	Yoga and Understanding Self***	2023
		EDL1282	Citizenship Education, Sustainability and Environment Education***	2023
		EDE1283	Post Internship (Review & Analysis)***	2023
		EDF1284	Creating Teaching Learning Material/ Work Experience***	2023
		EDF1285	Community Engagement and Services (Participation in NSS-related Activities, New India Literacy Programme Etc.)***	2023
1745	B. Sc. (Early Childhood Care and Education) (CBEGS)	EDL3008	Child Development	2022
		EDL3009	Understanding Psychological and Emotional Needs of the Child	2022
		EDL3010	Understanding Health Care and Nutritional Needs of the Child	2022
		EDL3011	Learning Challenges in Early Childhood	2022
		ENL1001	Communicative English-I	2022
		PBL1021	Punjabi Compulsory-I	2022
		PBL1022	Mudhli Punjabi (In lieu of Punjabi Compulsory)	2022
		HSL4060	Punjab History & Culture (1450-1716) (In lieu of Punjabi	2022
		SOL1006	#Drug Abuse: Problems, Management and Prevention (Value Added Course)	2022
		EDP3012	Practicum-I (Developing a creative environment in the classroom with ICT integration)	2022
		EDL3021	Pedagogy in Early Childhood Education	2022
		EDL3022	Planning and Organizing Pre School Education	2022
		EDL3023	Understanding Children with Special Needs	2022
		ENL1051	Communicative English-II	2022
		PSL0059	#Human Rights & Constitutional Duties (Value Added Course)	2022
		EDP3024	Practicum-II	2022
		EDE3025	Internship-I	2022
		EDL3033	Organization and Management of Early Childhood Care and Education Centres.	2022
		EDL3034	Early Childhood Care and Education-I	2022
		EDL3035	Children with Special Needs	2022
		EDL3036	Developing ECCE Professionals	2022
		ESL2020	#Environmental Studies (Value Added Course)	2022
		EDP3036	Organization and Management of Early Childhood Care and Education Centres (Practical)	2022
		EDP3037	Early Childhood Education (Practical)	2022
		EDL3045	Development and Guidance during School Years	2022
		EDL3046	Basis of Emerging Adolescence	2022
		EDL3047	Curriculum for the Early Years-I (Ages 0-8)	2022
		EDP3048	Curriculum for the Early Years-I (Ages 0-8)	2022
		EDP3049	Practicum-III- Methods and Materials for teaching Children	2022
		EDE3050	Internship – II	2022
		EDL3057	Marriage and Family Relations	2022
		EDL3058	Curriculum for the Early Years-II (Ages 0-8)	2022
		EDL3059	Inclusive Practices	2022
		EDP3060	Curriculum for the Early Years-II (Ages 0-8) (Practical)	2022
		EDP3061	Creche Management and Infant Stimulation (Practical)	2022
		EDL3072	Early Childhood care and Education-II	2022
		EDL3073	Psychology of Teaching and Learning	2022

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		EDL3074	Theories of Human Development	2022
		EDP3075	Computer Applications for Learning Aids (Practical)	2022
		EDP3076	Working with Infants and Toddlers (Practical)	2022
		EDE3077	Internship-III (Working with Children with Special Needs)	2022
		EDL3085	Children Well Being and Child Rights	2022
		EDL3086	Women and Child Care	2022
		EDL3087	Play as Pedagogy	2022
		EDL3091	Guiding Young Children	2022
		EDP3089	Practicum-IV (Action Research)	2022
		EDF3092	Field Engagement with Community	2023
		EDL3088	Research Methods in Human Development	2022
		EDD3090	Dissertation (Synopsis)	2022
		EDL3098	Developing Literacy skills in Early Childhood	2022
		EDL3099	Advancing outdoor learning for Early years	2022
		EDL4000	Diversity and Inclusion in ECCE	2022
		EDD4001	Internship Program-IV (Early childhood Practice)	2022
		EDE3093	Practicum V- Child Case Study and Report Writing	2022
		EDE4002	Internship Program-IV (Early childhood Practice)	2022
1735	B.Ed. Special Education (Multiple Disabilities) (Credit Based Evaluation & Grading System)	BDL401	Human Growth & Development	2021
		BDL402	Contemporary India and Education	2021
		BDL403	Introduction to Sensory Disabilities (VI, HI, Deaf-blind)	2021
		BDL404	Introduction to Neuro Developmental Disabilities (LD, ID/ MR, ASD)	2021
		BDL405	Introduction to Locomotor & Multiple Disabilities (Deaf-Blind, CP, MD)	2021
		BDL406	Assessment and Identification of Needs	2021
		BDL407	Practical: Cross Disability and Inclusion	2021
		BDL408	Learning, Teaching and Assessment	2021
		BDL411	Inclusive Education	2021
		BDL412	Curriculum Designing, Adaptation and Evaluation	2021
		BDL413	Practical: Disability specialization	2021
		BDL409	Pedagogy of Teaching Science	2021
		BDL427	Pedagogy of Teaching Mathematics	2021
		BDL428	Pedagogy of Teaching Social Studies	2021
		BDL429	Pedagogy of Teaching Economics	2021
		BDL430	Pedagogy of Teaching Computer Science	2021
		BDL431	Pedagogy of Teaching Commerce	2021
		BDL410	Pedagogy of School Subject Hindi	2021
		BDL432	Pedagogy of School Subject Punjabi	2021
		BDL433	Pedagogy of School Subject English	2021
		BDL414	Educational Intervention and Teaching Strategies	2021
		BDL415	Technology and Disabilities	2021
		BDL416	Psycho Social and Family Issues	2021
		BDL417	Practical: Disability Specialization	2021
		BDL418	Main disability special school (Related to Area C)	2021
		BDL419	Reading and Reflecting on Texts (EPC)	2021
		BDL420	Drama and Art in Education (EPC)	2021
		BDL423	Basic Research & Basic Statistics (EPC)	2021
		BDL424	Practical: Cross Disability and Inclusion	2021
		BDL425	Other disability special school	2021
		BDL426	Inclusive school	2021
		BDL421	Guidance & Counseling	2021
		BDL434	Early Childhood Care and Education	2021
		BDL435	Applied Behaviour Analysis	2021
		BDL436	Community Based Rehabilitation	2021
		BDL437	Application of ICT in Classroom	2021
		BDL438	Gender and Disability	2021
		BDL422	Orientation and Mobility	2021
		BDL439	Communication Options: Oralism	2021
		BDL440	Communication Options: Manual (Indian Sign Language)	2021
		BDL441	Augmentative and Alternative Communication	2021
		BDL442	Vocational Rehabilitation & Transition to Job Placement	2021
1747	B.Sc. B.Ed. (Integrated Teacher Education Programme) (ITEP) - Secondary Stage (4 Years)	EDL1363	Chemistry (Major): Inorganic Chemistry-I (Atomic Structure and Chemical Bonding)	2023
		EDL1364	Chemistry (Major): Organic Chemistry-I (Chemistry of Hydrocarbons and Alkyl halides)	2023
		EDP1365	Chemistry (Major): Inorganic Chemistry -I (lab) (Volumetric Analysis-I)	2023
		EDP1366	Chemistry (Major): Organic Chemistry-I (Lab) (Simple Techniques in Synthesis Lab)	2023
		EDL1367	Physics (Major): Mechanics (Theory)	2023
		EDL1368	Physics (Major): Introduction to Electrodynamics (Theory)	2023
		EDP1369	Physics (Major): Physics Practical-I	2023
		EDP1370	Physics (Major): Physics Practical-II	2023
		EDL1373	Botany (Major): Biomolecules and Cell Biology	2023
		EDP1375	Botany (Major): Biomolecules and Cell Biology Lab	2023
		EDL1374	Botany (Major): Biology of Cryptogams	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		EDP1376	Botany (Major): Biology of Cryptogams Lab	2023
		EDL1377	Zoology (Major): Biology of Non-Chordates (Protozoa- Annelida)	2023
		EDL1378	Zoology (Major): Biology of Non Chordates (Arthropoda- Protochordates)	2023
		EDP1379	Zoology (Major): Biology of Non Chordates (Protozoa- Annelida) Practical	2023
		EDP1380	Zoology (Major): Biology of Non Chordates (Arthropoda- Protochordates) Practical	2023
		EDL1132	Communicative English ***	2023
		EDL1381	Chemistry (Major): Inorganic Chemistry-II (Chemistry of S, P, D & F Block Elements)	2023
		EDL1382	Chemistry (Major): Physical Chemistry-I (States of Matter and Ionic Equilibria)	2023
		EDP1383	Chemistry (Major): Inorganic Chemistry-II Lab (Qualitative Analysis)	2023
		EDP1384	Chemistry (Major): Physical Chemistry-I Lab	2023
		EDL1385	Physics (Major): Relativity and Electromagnetism (Theory)	2023
		EDL1386	Physics (Major): Oscillations and Waves (Theory)	2023
		EDP1387	Physics (Major): Physics Practical -I	2023
		EDP1388	Physics (Major): Physics Practical –II	2023
		EDL1389	Botany (Major): Biology of Inheritance	2023
		EDL1390	Botany (Major): Molecular Biology	2023
		EDP1391	Botany (Major): Biology of Inheritance Lab	2023
		EDP1392	Botany (Major): Molecular Biology Lab	2023
		EDL1393	Zoology (Major): Biology of Chordates-I	2023
		EDL1394	Zoology (Major): Biology of Chordates -II	2023
		EDP1395	Zoology (Major): Biology of Chordates Lab-I	2023
		EDP1396	Zoology (Major): Zoology Lab-II (Chordates)	2023
		EDL1397	Chemistry (Major): Organic Chemistry-II: (Chemistry of Oxygen and Nitrogen Containing Functional Groups)	2023
		EDL1398	Chemistry (Major): Physical Chemistry -II (Chemical Thermodynamics and its Applications)	2023
		EDP1399	Chemistry (Major): Organic Chemistry-II Lab (Qualitative Analysis)	2023
		EDP1400	Chemistry (Major): Physical Chemistry -II Lab (Thermochemistry)	2023
		EDL1401	Physics (Major): Statistical Mechanics & Thermodynamics (Theory)	2023
		EDL1402	Physics (Major): Fundamentals Of Optics and Laser (Theory)	2023
		EDP1403	Physics (Major): Physics Practical-I	2023
		EDP1404	Physics (Major): Physics Practical-II	2023
		EDL1405	Botany (Major): Diversity of Gymnosperms	2023
		EDL1406	Botany (Major): Plant Ecology	2023
		EDP1407	Botany (Major): Diversity of Gymnosperms Lab	2023
		EDP1408	Botany (Major): Plant Ecology Lab	2023
		EDL1409	Zoology (Major): Animal Physiology	2023
		EDL1410	Zoology (Major): Biomolecules	2023
		EDP1411	Zoology (Major): Zoology Lab-III(Physiology)	2023
		EDP1412	Zoology (Major): Zoology Lab-IV (Biomolecules)	2023
		EDL1413	Chemistry (Major): Inorganic Chemistry-III (Coordination Chemistry)	2023
		EDL1414	Chemistry (Major): Organic Chemistry–III Chemistry of Biomolecules	2023
		EDP1415	Chemistry (Major): Inorganic Chemistry-III Lab (Volumetric Analysis-II)	2023
		EDP1416	Chemistry (Major): Organic Chemistry III Lab (Quantitative Analysis)	2023
		EDL1417	Physics (Major): Quantum Mechanics	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		EDL1418	Physics (Major): Brief Introduction to Spectroscopy (Theory)	2023
		EDP1419	Physics (Major): Physics Practical-I	2023
		EDP1420	Physics (Major): Physics Practical-II	2023
		EDL1421	Botany (Major): Diversity of Angiosperms	2023
		EDP1424	Botany (Major): Diversity of Angiosperms Lab	2023
		EDL1422	Botany (Major): Reproductive Biology of Angiosperms	2023
		EDP1423	Botany (Major): Reproductive Biology of Angiosperms Lab	2023
		EDL1425	Zoology (Major): Animal Embryology	2023
		EDL1426	Zoology (Major): Genetics	2023
		EDP1427	Zoology (Major): Zoology Lab-V(Embryology)	2023
		EDP1428	Zoology (Major): Zoology Lab-VI (Genetics)	2023
		EDL1429	Chemistry (Major): Inorganic Chemistry-IV (Organometallic and Reaction Mechanisms)	2023
		EDL1430	Chemistry (Major): Physical Chemistry-II (Quantum Chemistry)	2023
		EDP1431	Chemistry (Major): Inorganic Chemistry-IV Lab (Gravimetric Analysis)	2023
		EDP1432	Chemistry (Major): Physical Chemistry III: Lab	2023
		EDL1433	Physics (Major): Solid State Physics (Theory)	2023
		EDL1434	Physics (Major): Electronics (Theory)	2023
		EDP1435	Physics (Major): Physics Practical-I	2023
		EDP1436	Physics (Major): Physics Practical-II	2023
		EDL1437	Botany (Major): Plant Physiology	2023
		EDP1439	Botany (Major): Plant Physiology - Lab	2023
		EDL1438	Botany (Major): Plant Metabolism	2023
		EDP1440	Botany (Major): Plant Metabolism - Lab	2023
		EDL1441	Zoology (Major): Concepts of Evolution and Systematics	2023
		EDL1442	Zoology (Major): Bioenergetics & Metabolism	2023
		EDP1443	Zoology (Major): Zoology Lab-VIII (Evolution and Systematics)	2023
		EDP1444	Zoology (Major): Zoology Lab-IX (Biochemistry)	2023
		EDL1445	Chemistry (Major) Organic Chemistry- IV (Chemistry of Heterocyclic Compounds and Natural Products)	2023
		EDL1446	Chemistry (Major) Physical Chemistry-IV (Electrochemistry, Phase equilibria & Properties of Solutions)	2023
		EDP1447	Chemistry (Major) Organic Chemistry-IV: Lab (Preparation of Organic Compounds)	2023
		EDP1448	Chemistry (Major) Physical Chemistry IV Lab	2023
		EDL1449	Physics (Major) Radiation and Particle Physics (Theory)	2023
		EDL1450	Physics (Major) Nuclear Physics (Theory)	2023
		EDP1451	Physics (Major) Physics-I Lab	2023
		EDP1452	Physics (Major) Physics- II Lab	2023
		EDL1453	Botany (Major) Plant Biotechnology	2023
		EDP1455	Botany (Major) Plant Biotechnology Lab	2023
		EDL1454	Botany (Major) Plant Breeding	2023
		EDP1456	Botany (Major) Plant Breeding Lab	2023
		EDL1457	Zoology (Major) Applied Zoology (Non chordates)	2023
		EDL1458	Zoology (Major) Principles of Ecology & Wild Life Management -I	2023
		EDP1459	Zoology (Major) Zoology Lab X (Ecology, Wildlife)	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		EDP1460	Zoology (Major) Zoology Lab XI (Applied Zoology)	2023
1748	B.Com. B.Ed. (Integrated Teacher Education Programme) (ITEP) - Secondary Stage (4 Years) (Credit Based Grading System)	EDL1287	COMMERCE (MAJOR): INTRODUCTORY ACCOUNTING	2023
		EDL1288	COMMERCE (MAJOR): PRINCIPLES AND PRACTICES OF MANAGEMENT	2023
		EDL1132	Communicative English	2023
		EDL1289	COMMERCE (MAJOR): Advanced Financial Accounting	2023
		EDL1290	COMMERCE (MAJOR): Business Law	2023
		EDP1291	COMMERCE (MAJOR): Workshop on Tally	2023
		EDL1292	COMMERCE (MAJOR): Corporate Accounting	2023
		EDL1293	COMMERCE (MAJOR): Company Law	2023
		EDP1294	COMMERCE (MAJOR): Workshop On data Analysis Through R	2023
		EDP 1568	CHEMISTRY (MINOR): Organic Chemistry-II Lab (Qualitative Analysis)	2023
		EDL1295	Pedagogy of Commerce-I	2023
		EDL1296	COMMERCE (MAJOR): Cost Accounting	2023
		EDL1297	COMMERCE (MAJOR): Banking Principles and Practices	2023
		EDL1298	Pedagogy of Commerce-II	2023
		EDL1299	COMMERCE (MAJOR): Management Accounting	2023
		EDL1300	COMMERCE (MAJOR): Financial Management	2023
		EDL1301	PEDAGOGY OF COMMERCE-III	2023
		EDL1302	Commerce (Major): Financial Modelling Using Excel	2023
		EDL1303	Commerce (Major): Income Tax Law And Practices	2023
		EDL1304	Pedagogy of Commerce-IV	2023
2752	M.Ed.	EDL5001	Philosophy of Education	2015
		EDL5002	Psychology of Learning and Development	2015
		EDL5003	Introduction to Research Methodology	2015
		EDL5065	Introduction to Secondary Education in India	2023
		EDL5066	Pedagogy of Science Education/	2022
		EDL5068	Pedagogy of Social Science Education	2022
		EDL5079	Pedagogy of Language Education	2022
		EDL5080	Pedagogy of Mathematics Education	2022
		EDL5081	Pedagogy of Economics Education	2022
		EDL5082	Pedagogy of Commerce Education	2022
		EDL5067	Introduction to Elementary Education	2023
		EDL5083	Pedagogy of Science Education	2022
		EDL5084	Pedagogy of Social Science Education	2022
		EDL5085	Pedagogy of Language Education	2022
		EDL5086	Pedagogy of Mathematic Education	2022
		EDP5013	Practicals	2018
		EDD5019	*Dissertation (Synopsis)	2013
		EDF5069	Field Engagement with Community	2018
		EDL5014	Sociology of Education	2015
		EDL5015	Historical- Political Perspective of Education	2015
		EDL5016	Education Studies	2015
		EDL5070	Gender, School and Society	2016
		EDE5018	Internship in Teacher Education Institution (TEI)	2015
		EDD5031	* Dissertation (Data Collection)	2013
		EDF5071	Field Engagement with Community	2018
		EDL5021	Advanced Research Methodology	2018
		EDL5072	Teacher Education	2013
		EDL5073	Inclusive Education and its policies	2013
		EDL5074	ICT-I	2018
		EDF5030	Internship in a school with stage specific specialization	2016
		EDD5054	*Dissertation (Submission)	2013
		EDP5062	Self Development and Ethics	2018
		EDF5075	Field Engagement with Community	2018
		EDL5076	Inclusive Education and Its Practices-Practicum	2018
		EDL5077	ICT in Education -Practicum	2018
		EDF5078	Field Engagement with Community	2018
		EDD5064	*Dissertation	2013
		EDL5087	Pedagogy of Science Education	2022
		EDL5088	Pedagogy of Social Science Education	2022
		EDL5089	Pedagogy of Language Education	2022
		EDL5090	Pedagogy of Mathematics Education	2022
		EDL5091	Pedagogy of Economics Education	2022
		EDL5092	Pedagogy of Commerce Education	2022
		EDL5093	Pedagogy of Science Education	2022
		EDL5094	Pedagogy of Social Science Education	2022
		EDL5095	Pedagogy of Language Education	2022
		EDL5096	Pedagogy of Mathematics Education	2022
2787	M.A. Education (Educational Management & Leadership) (CBEGS)	EML4035	Philosophy of Education	2022
		EML4036	Psychology of learning and development	2022
		EML4003	Educational Management and Administration	2019
		EML4004	Foundation of Educational Leadership	2021
		EMF4005	Field work	2020
		EMP4006	Practicum (Integration of ICT in administration)	2019
		EML4038	Sociology of Education	2022
		EML4039	History, Politics and Economics of education	2022
		EML4014	Educational Planning and Finance	2019

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		EML4037	Introduction to Research Methodology	2022
		EMP4015	Practicum	2021
		EMP4040	Action Research	2021
		EMF4017	Internship	2020
		EDL0010	Universal Human Values-II: Understanding Harmony (Value Added Course)	2023
		EML4021	Issues and Concerns in Secondary Education	2020
		EML4043	Human Resource Management	2020
		EML4023	Educational Leadership	2020
		EMD4016	Dissertation proposal	2019
		EMD4025	Data collection*	2020
		EML4026 (Opt. any one)	Opt. (i) Managing an inclusive school	2020
			Opt. (ii) Educational Leadership in Indian and international Level	2021
			Opt. (iii) Managing learning Environment in Schools	2021
			Opt. (iv) Leading educational organizations	2021
		EML4041	Educational Leadership for competitive advantage	2022
		EML4042	The extra edge for creating world class institutions	2022
		EML4033	Organizational Behaviour and Management in Education	2020
		EMD4034	Dissertation	2020
1704	B.TECH. (ELECTRONICS & COMMUNICATION ENGINEERING)	CYL197	Engineering Chemistry	2018
		MTL101	Mathematics-I	2010
		ECL119	Basic Electrical & Electronics Engineering	2018
		CSL126	Fundamentals of IT & Programming using Python	2019
		ENL101	Communicative English-I	2013
		MEP101	Workshop Practices	2019
		PBL121	Elective-I Punjabi (Compulsory)	2013
		PBL122	Elective-I ਮੁੱਢਲੀ ਪੰਜਾਬੀ	2013
		HSL101	Elective-I Punjab History & Culture (1450-1716)	2018
		CEL120	Engineering Mechanics	2018
		MEL120	Engineering Graphics & Drafting	2018
		MTL102	Mathematics-II	2010
		PHL183	Physics	2010
		MEL110	Introduction to Engg. Materials	2018
		PBL131	Electives-II Punjabi (Compulsory)	2013
		PBL132	Electives-II ਮੁੱਢਲੀ ਪੰਜਾਬੀ	2013
		HSL102	Electives-II Punjab History & Culture (1717-1947)	2018
		MTL-201	Mathematics - III	2010
		ECL-211	Digital Electronics	2010
		ECL-212	Analysis & Synthesis of Networks	2010
		ECL-217	Analog Devices & Circuits	2020
		ECL-232	Programming in C and Data Structures	2020
		CSL-333	Design and Analysis of Algorithms	2020
		ECL-214	Analog Integrated Circuits	2018
		ECL-221	Electromagnetic Field Theory	2010
		ECL-222	Communication Signals and Systems	2010
		ECL-224	Fiber Optics	2010
		ECL-261	Linear Control System	2012
		ECL327	Machine Learning	2020
		ECL314	Analog Communication	2020
		ECL312	Microprocessor and Its Applications	2010
		ECL313	Antenna & Wave Propagation	2010
		ECL318	Computer Network	2019
		ECL-352	Industrial Electronics	2010
		CSL-344	Object Oriented Programming using JAVA	2018
		UBS-052	Entrepreneurship & Business Strategy	2020
		ECL-321	Microwave Engineering	2010
		ECL322	Digital Communication	2020
		ECL-363	VLSI Technologies and Design	2010
		ECL-367	Software Engineering	2010
		ECL-368	Operating System	2010
		ECL-365	Micro Controllers	2010
		ECL-370	Digital System Design	2020
		ENL351	Communication Skill for Engineers	2013
		ECL-453	Computer Architecture and Organization	2013
		ECL412	Digital Signal Processing	2013
		ECL-451	Optical Communication	2013
		ECL-411	Neural Network and Fuzzy Logic	2013
		ECL-454	Image Processing	2013
		ECL-455	Cellular and Mobile Communication	2013
1730	B.TECH. (ELECTRONICS & COMPUTER ENGINEERING)	CYL197	Engineering Chemistry	2019
		MTL101	Mathematics-I	2019
		ECL119	Basic Electrical & Electronics Engineering	2019
		CSL126	Fundamentals of IT & Programming using Python	2020
		ENL101	Communicative English-I	2019
		PBL121	Punjabi (Compulsory)	2019
		PBL122	ਮੁੱਢਲੀ ਪੰਜਾਬੀ	2019
		HSL101	Punjab History & Culture (1450-1716)	2019
		CEL120	Engineering Mechanics	2019
		MEL120	Engineering Graphics & Drafting	2019
		MTL102	Mathematics-II	2019
		PHL183	Physics	2019
		MEL110	Introduction to Engg. Materials	2019
		PBL131	Punjabi (Compulsory)	2019
		PBL132	ਮੁੱਢਲੀ ਪੰਜਾਬੀ	2019
		HSL102	Punjab History & Culture(1717-1947)	2019

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		MTL-201	Mathematics – III	2019
		ECL-231	Digital Logic Design	2019
		ECL-232	Programming in C and Data Structures	2020
		ECL-217	Analog Device & Circuits	2019
		ECL-212	Analysis and Synthesis of Networks	2019
		ECP-236	Matlab using Simulink	2019
		ECL-222	Communication Signals and Systems	2019
		ECL-214	Analog Integrated Circuits	2019
		CSL-333	Design and Analysis of Algorithms	2020
		ECL-243	Computer Architecture	2020
		CSL-233	Programming in C++	2019
		ECL-261	Linear Control System	2019
		ECL-221	Electromagnetic Field Theory	2019
		CSL-344	Object Oriented Programming using Java	2019
		ECL-314	Analog Communication	2019
		ECL-312	Microprocessor and its Applications	2019
		ECL-327	Machine Learning	2020
		ECL-318	Computer Network	2019
		CSL-332	Relational Database Management System	2019
		UBS - 052	Entrepreneurship & Business Strategy	2019
		ECL-322	Digital Communication	2019
		ENL-351	Communication Skill for Engineers	2019
		ECL-365	Micro controllers	2019
		ECL-368	Operating System	2019
		ECL367	Software Engineering	2019
		CSL342	Object Oriented Analysis and Design	2019
		CSL-346	System Hardware Design	2019
		CSL-471	Formal Languages & Automata Theory	2019
		ECL-412	Digital Signal Processing	2019
		ECL-451	Optical Communication	2019
		ECL463	Operation Research	2019
		ECL461	Mobile application Development	2019
		ECL454	Image Processing	2019
		CSL474	Cloud Computing	2020
2730	M.TECH. (ELECTRONICS & COMMUNICATION ENGINEERING) SPECIALIZATION (COMMUNICATION SYSTEMS)	ECL 511	Fiber Optic Communications	2013
		ECL 512	Analysis of Digital Communication Systems	2013
		ECL 514	Microwave Circuits	2013
		ECL 517	Data Communication and Networking	2013
		ECL 522	Information Theory and Coding	2013
		ECL 523	Wireless & Mobile Communication System	2013
		ECL 524	Photonic Network and Switching	2013
		ECL-608	Neural Networks	2013
		ECL-614	Digital Signal Processing	2013
		ECL-615	Microwave Communication Systems	2013
2736	MA ENGLISH	ENL401	Poetry-I (Renaissance to Romantic)	2011
		ENL402	Indian Writing in English	2011
		ENL403	Novel-I (British Novel up to 19th Century)	2011
		ENL404	Phonetics and Spoken English	2011
		ENL405	Literary Criticism	2011
		ENL406	Greek Drama	2011
		ENL407	Punjabi Literature in Translation	2011
		ENL408	Communication Studies	2011
		ENL451	Drama-I (Marlowe to Shaw)	2011
		ENL452	Western Literature: An Overview	2011
		ENL453	Modern English Grammar and Advanced Writing	2011
		ENL454	American Prose and Drama	2011
		ENL455	Spectrum of Poetry: Recurring Themes and Motifs	2011
		ENL456	Indian Literature in Translation	2011
		ENL457	European Literature in Translation	2011
		ENL458	Non-Fictional Prose	2022
		ENL501	Drama-II (Modern Drama)	2011
		ENL502	Expanding Canon: An Overview	2011
		ENL503	Modern Linguistic Theory and Application	2011
		ENL504	American Novel	2011
		ENL505	American Poetry	2011
		ENL506	Irish Literature	2011
		ENL507	Post-Colonial Literature	2011
		ENL508	Diaspora Literature	2011
		ENL551	Short Dissertation	2011
		ENL552	Poetry-II (Victorian and Modern)	2011
		ENL553	Modern Critical Theory	2011
		ENL554	Novel-II (Modern Novel)	2011
		ENL555	Semiotics: Theory and Practice	2011
		ENL556	Psychology and Literature	2011
		ENL557	Stylistics and Text Analysis	2011
		ENL558	World Literature	2020
		ENL559	Classics from Indian Literature	2020
1705	B.Tech (Food Technology)	FTL-1002	Manufacturing Processes	1995
		FTL-1003	Grain Handling and Storage Technology	1995
		FTL-1004	Principles of Food Preservation	1995
		CYL-1097	Engineering Chemistry	1995
		ENL-1001	Communicative English-I	1995
		PBL-1021	pMjwb1 lwzml-I	1995
		PBL-1022	*mu-FII pMjwb-I	1995
		HSL-4060	*Punjab History & Culture (1450-1716)	1995
		FTL-1073	Engineering Graphics & Drafting	1995
		FTP-1021	Experiments in Manufacturing Processes	1995

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		FTP-1022	Experiments in Principles of Food Preservation	1995
		CYP-1096	Experiments in Chemistry (Practical)	1995
		SOL-1006	Drug Abuse: Problem, Management and Prevention (Mandatory Course)	1995
		FTL-1052	Thermal Science	2000
		FTL-1053	Food Chemistry	1995
		FTL-1055	Applied Mathematics	1995
		ENL-1051	Communicative English-II	1995
		PBL-1031	pMjwbI lwzml-II	1995
		PBL-1032	*mu~FlI pMjwbI-II	1995
		HSL-5020	*Punjab History & Culture (1717-1947)	1995
		FTL-1056	Industrial Microbiology	1995
		FTP-1074	Experiments in Food Chemistry	1995
		FTP-1076	Experiments in Industrial Microbiology	1995
		PSL-0059	Human Rights & Constitutional Duties (Mandatory Course)	1995
		FTL-201	Basic Food Engineering	2011
		FTL-202	Basic Microbiology	1995
		FTL-203	Food Hygiene and Sanitation	1995
		FTL-206	Sugar Processing and Refining	2016
		ECL-210	Basic Electrical and Electronics Engineering	2016
		FTP-221	Experiments in Basic Microbiology	1995
		FTP-224	Experiments in Sugar Processing and Refining	2016
		*ESL-220	Environmental Studies (Mandatory Course)	2016
		FTL-253	Fruit and Vegetables Technology	1995
		FTL-255	Fluid Flow and Heat Transfer	1995
		FTL-256	Mechanical Operations	1995
		FTL-258	Sugar Industry Co-Products	2016
		FTL-259	Cereals and Pulses Technology	1995
		FTP-279	Experiments in Cereals and Pulses Technology	1995
		FTP-277	Experiments in Fruit and Vegetables Technology	1995
		FTP-278	Experiments in Sugar Industry Co-Products (Lab)	2016
		FTP-280	Experiments in Mechanical Operations	2007
		FTL-301	Dairy Technology	1995
		FTL-302	Fish, Meat and Poultry Technology	1995
		FTL-303	Fats and Oil Technology	1995
		FTL-306	Mass Transfer	1995
		FTL-307	Computer Applications in Food Industry	2016
		FTP-324	Experiments in Dairy Technology	1995
		FTP-327	Experiments in Fish, Meat and Poultry Technology	1995
		FTP-328	Experiments in Fats and Oil Technology	1995
		FTP-329	Experiments in Computer Applications in Food Industry	1995
		FTL-351	Food Regulations and Quality Control	1995
		FTL-352	Application of Enzymes in Food Industry	2000
		FTL-353	Biochemical Engineering	1995
		FTL-354	Packaging Technology	1995
		FTL-357	Human Resource and Management in Food Industry	1995
		FTL-358	Sugar Industry (Technical Control and Design)	2018
		FTP-375	Experiments in Food Regulations and Quality Control	1995
		FTP-376	Experiments in Biochemical Engineering	1995
		FTP-377	Experiments in Packaging Technology	1995
		FTP-378	Experiments in Sugar Industry Design Lab	2018
		FTL-401	Food Process Engineering	1995
		FTL-402	Confectionary Technology	1995
		FTL-403	Spices and Flavour Technology	1995
		FTL-404	Food Processing Plant Layout and Design	1995
		FTP-425	Experiments in Food Process Engineering	1995
		FTP-426	Experiments in Confectionary Technology	1995
		FTP-427	Experiments in Spices and Flavour Technology	1995
		FTP-424	Seminar and Group Discussion	1995
		FTP-451	Industrial Training (4 months i.e. Jan-April)	1995
		FTP-452	Research Project	1995
2833	M.Sc. Food Technology (Two Year P.G. Programme)	FDL-4001	Principles of Food Processing and Preservation	1994
		FDL-4002	Technology of Fruits and Vegetables Processing –I	1994
		FDP-4021	Experiments in Fruits and Vegetables Processing–I	1994
		FDL-4003	Food Rheology and Texture	2023
		FDL-4004	Technology of Milk Processing–I	2023
		FDP-4022	Experiments in Milk Processing–I	2023
		FDL-4005	Technology of Cereals Processing	2023
		FDP-4023	Experiments in Cereals Processing	2023
		FDL-4006	Applications of Enzymes in Food Industry	2000
		FDL-4051	Technology of Fruits and Vegetables Processing-II	1994
		FDL-4071	Experiments in Fruits and Vegetables Processing-II	1994
		FDL-4052	Technology of Milk Processing-II	2023
		FDL-4072	Experiments in Milk Processing-II	2023
		FDL-4053	Food Extrusion Technology	2023
		FDL-4054	Food Retail Management	2023
		FDL-4055	Food Chemistry	1994
		FDL-4056	Human Resource Management in Food Industry	2004
		EDL-0010	Universal Human Values-II Understanding Harmony	2004
		FTL-601	Technology of Malting and Brewing	1994
		FTL-602	Packaging Technology	1994
		FTL-603	Food Plant Layout and Management	1994
		FTL-604	Technology of Fish and Meat Products Processing	1994
		FTL-605	Food Process Engineering–I	1994
		FTP-621	Experiments in Malting Technology	1994
		FTP-622	Experiments in Food Packaging	1994
		FTP-623	Experiments in Fish and Meat Products Processing	1994

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		FTP-624	Food Engineering Lab-I	1999
		FTP-625	Synopsis	2004
		FTL-651	Quality Assurance in Food Industry and Sensory Evaluation	1994
		FTL-653	Human Resources and Marketing Management	2004
		FTL-654	Food Process Engineering- II	1999
		FTL-655	Applications of Enzymes in Food Industry	1994
		FTP-671	Experiments in Quality Assurance in Food Industry and Sensory Evaluation	1994
		FTP-672	Food Engineering Lab-II	1999
		FTP-673	Seminar	1994
		FTP-674	Project Work	1994
2814	M.Sc. Food Technology (FYIP)	ENL-1001	Communicative English-I	1994
		PBL-1021	pMjwbl lwzml-I	1994
		PBL-1022	*mu-Fil pMjwbl-I	1994
		HSL-4060	*Punjab History & Culture (1450-1716)	1994
		SOL-1006	Drug Abuse: Problem, Management and Prevention (Mandatory Course)	1994
		FDP-1021 OR FDP-1022 OR FDP-1023	Manufacturing of Fruits and Vegetables Products OR Manufacture of Confectionary Products OR Manufacture of Bakery Products	2023
		-	Multidisciplinary-I	2023
		FDL-1001	Basic Food Chemistry	2023
		FDP-1024	Experiments in Basic Food Chemistry	2023
		FDL-1002	Basic Microbiology	1995
		FDP-1025	Experiments in Basic Microbiology	1995
		FDL-1003	Engineering Principles in Food Processing	2023
		FDL-1004	Food Hygiene and Sanitation	1995
		ENL-1051	Communicative English-II	1995
		PBL-1031	pMjwbl lwzml-II	1995
		PBL-1032	*mu-Fil pMjwbl-II	1995
		HSL-5020	*Punjab History & Culture (1717-1947)	1995
		PSL-0059	Human Rights & Constitutional Duties (Mandatory Course)	1995
		FDP-1071 OR FDP-1072	Testing of Fats and Oils OR Analytical Testing of Milk Quality	2023
		-	Multidisciplinary-II	2023
		FDL-1051	Introduction to Food Technology	2023
		FDP-1073	Experiments in Introduction to Food Technology	2023
		FDL-1052	Microbial and Food Fermentation Technology	2023
		FDP-1074	Experiments in Microbial and Food Fermentation Technology	2023
2743	MA Religious Studies	GNL4051	Origin and Development of Religion	2011
		GNL4052	Vedic Religion	2011
		GNL4053	Origin and Development of Sikh Religion	2011
		GNL4054	Bhakti Tradition of Medieval India	2011
		GNL4055	Exegetical Traditions of Guru Granth Sahib	2011
		GNL4056	Philosophy of Religion	2011
		GNL4057	Structure and Patterns of Religion	2011
		GNL4058	Philosophy of Sikhism	2011
		GNL4059	Sociology of Sikh Religion	2011
		GNL4060	Varan Bhai Gurdas and Janam Sakhi Literature	2011
		GNL4061	History of the Sikhs (1709-1849)	2011
		GNL4062	Islamic Philosophy	2011
		GNL-413	Religious Movements of Punjab (19 <sup>th</sup> and early 20 <sup>th</sup> Century)	2011
		GNL-414	Buddhism	2011
		GNL-415	Study of Singh Sabha Literature	2011
		GNL-416	Sufism	2011
		GNL-417	Study of Dasam Granth	2011
		GNL-418	World Civilizations	2021
		GNL-419	Six Schools of Indian Philosophy	2021
		GNL-420	Special Study of Major Banis	2021
		GNL-421	Jainism	2021
		GNL-423	Judaism and Christianity	2021
		GNL-424	Analysis of Sikh Literature	2021
		GNL-425	Central & East Asian Religious	2021
2737	M.A. Hindi	HIL-4051	Aadhunik Hindi Kavita	1971
		HIL-4052	Hindi Sahitya ka Itihas (Aadikaal evam Poorav MadhyaKaal)	1971
		HIL-4053	Pashchatya Kavyashastra evam Sameeksha	1971
		HIL-4054	Kaamkaji Hindi Evam Hindi Computing	2004
		HIL-4055	Patrakarita Prashikshan	2004
		HIL-4056	Premchandottar Hindi Upanyas	2011
		HIL-4057	Natak Aur Rangmanch (Purav khand)	1981
		HIL-4071	Aadhunik Hindi Kavita : Chhayavadottar Yug	1971
		HIL-4072	Bhartiya Kavyashastra	1971
		HIL-4073	Media Lekhan	2011
		HIL-4074	Hindi Sahitya Ka Itihas (Uttarmadhyakaal Evam Aadhunikaal)	1971
		HIL-4075	Rajbhasha Prashikshan	2013
		HIL-4076	Hindi Sahitya : Vividh Vidhaye	2020
		HIL-4077	Swatantryottar Hindi Upanyas	2006
		HIL-4078	Natak Aur Rangmanch (Uttar Khand)	1981
		HIL-5051	Aadhikaleen Evam Madhyakaleen Hindi Kavya	2020
		HIL-5052	Aadhunik Hindi Gadya	1971

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		HIL-5053	Bhashavigyan	1976
		HIL-5054	Hindi Bhasha Aur Devnagri Lipi	2004
		HIL-5055	Hindi mein Anudit Vishv Sahitya	2012
		HIL-5056	Shellyvigyan	2009
		HIL-5057	Bhartiya Sahitya	2004
		HIL-5071	Madhyakaleen Hindi Kavya	1971
		HIL-5072	Aadhunik Hindi Gadya	1971
		HIL-5073	Aadhunik Bhashavigyan	1983
		HID-5074	Dissertation	2023
2738	M.A. History	HSL 4051	Political Processes and Structures in India from the Harappans to A.D.1200	2011
		HSL 4052	Polity and Society of India (A.D. 1200-1526)	2011
		HSL 4053	Emergence of Indian Nationalism (A.D.1857-1919)	2011
		HSL 4054	Society and Culture of the Punjab (A.D.1450-1708)	2011
		HSL 4055	Agrarian and Urban Economy in India from the Harappans to A.D.1200	2011
		HSL 4056	Society and Culture in India from the Harappans to A.D. 1200	2011
		HSL 4071	Socio-Cultural History of India (A.D.1858-1947)	2011
		HSL 4072	Economic History of India (A.D.1757-1947)	2011
		HSL 4073	The Natinal Movement (A.D. 1920-1947)	2011
		HSL 4074	Polity and Society in the Punjab (A.D.1708-1849)	2011
		HSL 4075	Society and Culture of India (A.D.1526-1750)	2011
		HSL 4076	Poitiy and Economy of India (A.D. 1526-1750)	2011
		HSL 5051	Colonial Punjab (A.D.1849-1947)	2011
		HSL 5052	Historical thought	2011
		HSL 5053	Twentieth Century World (A.D 1901-2000)	2011
		HSL 5054	Administrative History of India (A.D.1773-1947)	2011
		HSL 5055	Women in Modern India (A.D 1858-1947)	2011
		HSL 5056	Science and Techlogy: Colonial India	2011
		HSL 5075	Indian Historiography	2011
		HSL 5076	Dissertation	2011
		HSL 5077	Contemporary India(A.D. 1947-2011)	2011
		HSL 5078	Contemporary Punjab (A.D. 1947-2011)	2011
		HSL 5079	Dalit Movements in Modern India (A.D 1858-1947)	2011
2817	M.Sc. FYIP (Human Genetics)	HGL-1001	FUNDAMENTALS OF GENETICS	2023
		HGL-1006	CELL BIOLOGY	2023
		CHL - 1091	ORGANIC CHEMISTRY	2023
		PHL-1091	OPTICS	2023
		ENL-1001	COMMUNICATIVE ENGLISH-I	2023
		PBL-1021/PBL-1022/HSL-1001	PUNJABI COMPULSORY-I/Mudli Punjabi-I/PUNJAB HISTORY & CULTURE	2023
		CHP-1091	QUALITATIVE ORGANIC ANALYSIS	2023
		HGP-1001	LAB EXERCISES IN GENETICS	2023
		SOA-101	Drug Abuse: Problem, Mangement and Prevention (Compulsory ID Course)	2023
		PHP-1091	OPTICS LAB	2023
		HGL-1059	INTRODUCTOR BIOCHEMISTRY	2023
		CHL-1092	INORGANIC CHEMISTRY	2023
		PHL-1096	MODERN PHYSICS-I	2023
		MTL-1063	DIFFERENTIAL AND INTEGRAL CALCULUS	2023
		ENL-1051	COMMUNICATIVE ENGLISH-II	2023
		PBL-1031/PBL-1032/HSL-1002	Punjabi Compulsory-I/Mudli Punjabi-I/PUNJAB HISTORY & CULTURE	2023
		PSL-0059	Human Rights & Constitutional Duties (Compulsory ID)	2023
		CHP-1092	INORGANIC CHEMISTRY LAB	2023
		PHP-1097	Modern Physics Lab-I	2023
		HGP-1055	Cytology and Biochemistry Practical	2023
		HGL-201	Fundamentals of Human Anatomy	2005
		HGL-204	Principles of Molecular Genetics	2005
		HGL-257	Human Evolution and Primatology	2005
		MTL-261	Biostatistics	2008
		CHL-291	Physical Chemistry	2008
		CHP-291	Physical Chemistry (Practicals)	2008
		ESL-220	Environmental Studies	2007
		HGP-201	Fundamentals of Human Anatomy	2005
		HGP-204	Lab Techniques in Molecular Genetics	2005
		HGL-251	Fundamentals of Human Physiology	2005
		HGL-253	Concepts of DNA Technology	2010
		HGP-251	Lab Exercises in Human Physiology	2005
		HGL-260	Metabolism of Biomoles	2011
		HGP-262	Human Genetics and Molecular Genetics Practical	2010
		HGL-282	Intoduction to Microscopy	2012
		HGL-293	Fundamentals of Genetics Engineering	2012
2778	M.Sc. FYIC (Human Genetics)	HGL-301	Human Genetics and Cytogenetics-I	2017
		HGL-315	Human Populaion Genetics	2017
		HGL-317	Immunology and Immunogenetics	2017
		HGL-354	Applied DNA Technology	2017
		HGP-394	Lab Exercises in tissue Culture and Microscopy	2017
		HGP-395	Lab Exercises in Biochemical Genetics and Immunogenetics	2017
		HGL-351	Human Genetics and Cytogenetics-II	2017
		HGL-357	Human Growth, Physique and body Composition	2013
		CSL-298	Computer Programme	2014
		HGP-301	Human Genetics and Cytogenetics Practical	2015
		HGP-356	Human Growth, Physics and body Composition Practical	2017
		CSP-299	Computer Lab	2016
		HGL-396	Quantitative Genetics	2018
		HGL-398	Human Embrology	2018
		HGL-422	Medical Genetics	2016

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		HGL-423	Methods of Research Design	2016
		HGL-425	Perspectives of Human Genome	2010
		HGL-426	Human Developmental Genetics	2008
		HGL-468	Birth defects, Dysmorphology and Syndromes	2023
		HGL-471	Human Molecular Genetics and Functional Genomics	2012
		HGP- 422	Medical Genetics Practical	2016
		HGL-432	Lab design and biosafety guidelines	2023
		HGP-432	Lab Rotations in Molecular Genetics and Biochemistry	2016
		HGP-433	Lab Rotations in quantitative Genetics and Bioinformatics	2016
		HGS-475	Seminar	2005
		HGL-521	Current trends in medical genetics	2019
		HGL-523	Genetics in post-genomic era	2019
		HGP-582	Advanced Practicals	2019
		HGL-532	Human genetics research and regulation	2019
		HGP-533	Advanced course in genetic engineering	2019
		HGL-524	Advanced cytogenetics	2019
		HGL-552	Applied human molecular genetics	2019
		HGL-555	Birth defects and dysmorphology	2019
		HGL-556	Structural bioinformatics and pharmacogenomics	2019
		HGP-552	Applied human molecular genetics and Functional Genomics ractical	2019
		HGD-595	Dissertation	2019
2779	M.Sc. USHS (Human Genetics)	HGL-521	Current trends in medical genetics	2019
		HGL-523	Genetics in post-genomic era	2019
		HGP-582	Advanced Practicals	2019
		HGL-532	Human genetics research and regulation	2019
		HGP-533	Advanced course in genetic engineering	2019
		HGL-524	Advanced cytogenetics	2019
		HGL-552	Applied human molecular genetics	2019
		HGL-555	Birth defects and dysmorphology	2019
		HGL-556	Structural bioinformatics and pharmacogenomics	2019
		HGP-552	Applied human molecular genetics and Functional Genomics ractical	2019
		HGD-595	Dissertation	2019
2723	M.Sc. Human Genetics (TYP)	HGL-4022	Medical Genetics	2023
		HGL-4023	Methods of Research Design	2023
		HGL-4025	Perspectives of Human Genome	2023
		HGL-4026	Human Developmental Genetics	2023
		HGL-4068	Birth defects, Dysmorphology and Syndromes	2023
		HGL-4071	Human Molecular Genetics and Functional Genomics	2023
		HGP- 4022	Medical Genetics Practical	2023
		HGL-4032	Lab design and biosafety guidelines	2023
		HGP-4032	Lab Rotations in Molecular Genetics and Biochemistry	2023
		HGP-4033	Lab Rotations in quantitative Genetics and Bioinformatics	2023
		HGS-4075	Seminar	2023
		HGL-502	Functional Genomics	2015
		HGL-505	Human Embrology and Developmental Genetics	2012
		HGL-508	Essentials of Medical Genetics	2007
		HGL-510	Human Population Genetics and Variation	2012
		HGP-508	Exercises in Medical Genetics	2012
		HGP-502	Functional Genomics Practical	2012
		HGS-506	Seminar	2007
		HGL-511	Immunogenetics in Heaalth and Disease	2015
		HGL-514	Genetics of Human Pathogens and Infectious Diseases	2017
		HGL-551	Perspectives of Human Genome and Bioethics	2015
		HGI-554	Structural Biology and Pharmacogenomics	2015
		HGL-557	Clinical Genetics	2016
		HGP-557	Exercises in Clinical Genetics	2015
		HGL-561	Regulation in Human Genetics Research	2009
		HGL-562	Concepts of Biological Demography	2010
		HGP-563	Research Training Report	2019
1725	BHMCT	HML-101	Foundation Course in Food Production-I	2018
		HML-102	Foundation Course in Food & Beverage Service-I	2018
		HML-103	Foundation Course in Front Office Operation-I	2018
		HML-104	Foundation Course in Accommodation Operation-I	2018
		HML-105	Food Safety and Quality	2018
		ENL-101	Communicative English-I	2018
		PBL-121/PBL-122/HSL 101	pMjwbl-121/muFII pMjwbl-122	2018
		*SOA :101	Drug Abuse: Problem, Management and Prevention	2018
		HML-201	Foundation Course In Food Production –II	2018
		HML-202	Foundation Course In Food & Beverage Service –II	2018
		HML-203	Foundation Course In Front Office Operation –II	2018
		HML-204	Foundation Course In Accommodation Operation –II	2018
		HML-205	Applications Of Computer	2018
		ENL: 151	Communicative English-II	2018
		PBL-131/PBL-132/HSL 102	pMjwbl-131/muFII pMjwbl-132	2018
		SOA :101	Drug Abuse: Problem, Management and Prevention	2018
		HML-301	Food Production Operations	2018
		HML-302	Food & Beverage Operations	2018
		HML-303	Front Office Operations	2018
		HML-304	Accommodation Operations	2018
		HML-305	Financial Management	2018
		HML-306	Food Science And Nutrition	2018
		ESL 220	Environmental Studies	2018
		HML-401	Advanced Food Production Operations I	2018
		HML-402	Advanced Food & Beverage Operations I	2018
		HML-403	Accommodation Management I	2018
		HML-404	Front Office Management I	2018
		HML-405	Hotel Accountancy	2018
		HML-406	Components of Tourism	2018

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		HML-407	Food & Beverage Controls	2018
		PSL-053	Human Rights and constitutional duties	2018
		HML - 501	Industrial Training	2018
		HML-601	Advanced Food Production Operations-II	2018
		HML-602	Advanced Food & Beverage Operations-II	2018
		HML-603	Front Office Management-II	2018
		HML-604	Accommodation Management-II	2018
		HML-605	Principles of Management and Practices	2018
		HML-606	Personality Development and Soft Skills	2018
		HML-607	Human Resource management	2018
		HML-701	Advanced Food Production Operations Management	2018
		HML-702	Advanced Food & Beverage Operation Management	2018
		HML-703	Advanced Front Office Management	2018
		HML-704	Advanced Accommodation Management	2018
		HML-705	Facility Planning	2018
		HML-706	Project on Hotels/Restaurants	2018
		HML-707	Principles and Practices of Marketing	2018
		HML-708	Hotel Laws	2018
		HML-801	Specialized Hospitality Training and Project Report on Emerging Trends in Hospitality Industry	2018
1710	BTTM	TTL-101	Fundamentals of Tourism	2019
		TTL-102	Principles of Management	2019
		TTL-103	Geography of Tourism in Indian Context	2019
		TTL-104	Basic Statistics for Decision Making	2019
		TTL-105	Seminar	2019
		ENL-101	Communicative English -I	2019
		PBL-121/PBL-122/HSL-101	pMjwbl-121/muFII pMjwbl-122	2019
		TTL-111	Tourism Management	2019
		TTL-112	Geography of Tourism in Global Context	2019
		TTL-113	Destinations of Indian Tourism	2019
		TTL-114	Human Resource Management	2019
		TTL-115	Computer Applications in Tourism	2019
		ENL-151	Communicative English -II	2019
		PBL-131/PBL-132/HSL-102	pMjwbl-131/muFII pMjwbl-132	2019
		SOA 102	Drug Abuse: Problem, Management and Prevention	2019
		TTL-301	Hospitality Industry	2019
		TTL-302	Executive Communication	2019
		TTL-303	Tourism Organizations	2019
		TTL-304	Components of Tourism	2019
		TTL-305	Tourism Products ( Part -1)	2019
		*ESL-220	*Environmental Studies	2019
		TTL-401	Conference and Event Management	2019
		TTL-402	Travel Agency And Tour Operation	2019
		TTL-403	Tourism Products ( Part-2)	2019
		TTL-404	Basic Economics	2019
		TTL-405	Business Environment	2019
		TTL-406	Tour Package Designing	2019
		PSL 053	Human Right & Constitutional Duties	2019
		TTL-501	Itinerary Preparation	2019
		TTL-502	Ticketing and Transportation	2019
		TTL-503	Research Methodology	2019
		TTL-504	Principles of Marketing	2019
		TTL-505	Tourism Impacts	2019
		TTL-506	Tour Guiding	2019
		TTL-601	Foreign Language (BASIC FRENCH)	2019
		TTL-602	Financial Accounting	2019
		TTL-603	Tourism Promotion	2019
		TTL-604	Adventure Tourism	2019
		TTL-605	Eco Tourism	2019
		TTL-606	Field Trip (Activity Based)	2019
		TTL-701	Emerging Trends in Tourism	2019
		TTL-702	Air Transport and Cargo Management	2019
		TTL-703	Organizational Behaviour	2019
		TTL-704	Entrepreneurship	2019
		TTL-705	Customer Relationship Management	2019
		TTL-706	Global Tourism	2019
		TTL -801	On The Job Training report	2019
		TTL- 802	Viva Voice	2019
1711	LL.B. (TYC)	LAL 401	Constitutional Law of India – I	1972
		LAL 402	Family Law – I	1972
		LAL 403	Jurisprudence – I	1972
		LAL 404	Law of Contract – I	1972
		LAL 405	Law of Torts including Motor Vehicle Accidents and Consumer Protection Laws	1972
		LAL 406	Constitutional Law of India – II	1972
		LAL 407	Family Law –II	1972
		LAL 411	Jurisprudence – II	1972
		LAL 409	Law of Contract – II (Special Contracts)	1972
		LAL 410	Public International Law	1972
		LAL 510	Labour Law- I	1972
		LAL 502	Law of Crimes –I ( Indian Penal Code)	1972
		LAL 503	Principles of Taxation Law	1972
		LAL 504	Property Law	1972
		LAL 506	Administrative Law	1972
		LAL 629	Labour Law- II	1972
		LAL 630	Criminal Procedure Code	1972
		LAL 509	Company Law	1972
		LAL 512	Principles of Legislation and Interpretation of Statutes	1972
		LAL 513	Law and Medicine	1972

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		LAL 516	Disability Laws & Human Rights	1972
		LAL 517	Law Relating to Insurance	1972
		LAL 518	Law Relating to Banking	1972
		LAL 635	Election Law	1972
		LAL 632	Health Law	1972
		LAL 633	Service Law	1972
		LAL 601	Civil Procedure Code and Limitation Act	1972
		LAL 505	Professional Ethics and Professional accounting System	1972
		LAL 603	Environment Law	1972
		LAL 604	Consumer Protection And Competition Law	1972
		LAL 605	Law Relating To Bio Technology and Breeders Right	1972
		LAL 606	Indirect Taxation Laws	1972
		LAL 607	Law Relating to Geographical Indication and Bio Diversity	1972
		LAL 608	Law Relating to Trade Secrets and Technology Transfer	1972
		LAL 609	International Humanitarian Law and Refugee Law	1972
		LAL 610	Criminology Penology and Victimology	1972
		LAL 611	Cyber Laws	1972
		LAL 612	Women and Law	1972
		LAL 613	Offences against Child and Juvenile Delinquency	1972
		LAL 614	Moot Court Exercise and Internship	1972
		LAL 602	Drafting, Pleading and Conveyancing	1972
		LAL 616	Law of Evidence	1972
		LAL 617	Alternative Dispute Resolution	1972
		LAL 618	International Organizations	1972
		LAL 619	International Human Rights Law	1972
		LAL 620	Land Laws including Tenure and Tenancy system	1972
		LAL 621	Rent Law	1972
		LAL 631	Regulatory Laws	1972
		LAL 623	Public Interest Litigation, Legal Aid and Para Legal Services	1972
		LAL 624	Forensic Science and Law	1972
		LAL 625	Socio-Economic Offences	1972
		LAL 626	Small Acts (Registration, Court fee Act, Suits Valuation Act and Punjab Courts Act)	1972
		LAL 627	Police and Prison Administration	1972
		LAL 628	Moot Court Exercise and Internship	1972
1714	B.A.LL.B (FYC)	LAL 201	Law of Contract-I	1986
		LAL 202	Law of Torts including Motor Vehicle Accidents and Consumer Protection Laws	1986
		LAL 208	Elective English-I	1986
		LAL 204	Political Science-I	1986
		LAL 205	Economics-I	1986
		LAL 206	Compulsory Punjabi- I	1986
		LAL 207	Basic Punjabi- I	1986
		LAL 221	Law of Contract-II	1986
		LAL 222	Jurisprudence	1986
		LAL 228	Elective English- II	1986
		LAL 224	Political Science-II	1986
		LAL 225	Economics-II (Economic Development in India)	1986
		LAL 226	Compulsory Punjabi- II	1986
		LAL 227	Basic Punjabi- II	1986
		SOL 106	Drug Abuse: Problem, Management and Prevention (Value Added Course)	1986
		LAL 241	Constitutional Law of India-I	1986
		LAL 242	Family Law-I	1986
		LAL 244	Political Science-III	1986
		LAL 245	Economics-III (International Trade & Finance)	1986
		LAL 187	Public Interest Litigation, Legal Aid and Para Legal Services	1986
		LAL 248	Elective English-III	1986
		ESL 220	Environmental Studies (Value Added Course)	1986
		LAL 261	Constitutional Law of India-II	1986
		LAL 262	Family Law-II	1986
		LAL 303	Environment Laws	1986
		LAL 264	Political Science-IV (Political Thought-II)	1986
		LAL 285	English-IV	1986
		LAL 266	Compulsory Punjabi- III	1986
		HSL 104	Basic Punjabi	1986
		PSL 059	Human Rights Constitutional Duties (Value Added Course)	1986
		LAL 281	Administrative law	1986
		LAL 282	Public International Law	1986
		LAL 243	Law of Crimes-I	1986
		LAL 284	Law of Property	1986
		LAL 286	Political Science V (Indian Political System)	1986
		LAL 301	Law of Evidence	1986
		LAL 293	Law of Crime-II (Indian penal code)	1986
		LAL 283	Law of Crimes-III (Criminal Procedure Code)	1986
		LAL 141	Alternative Dispute Resolution	1986
		LAL 306	Political Science	1986
		LAL 166	Professional Ethics & Professional Accounting System	1986
		LAL 140	Labour Law-I	1986
		LAL 151	Civil Procedure Code & Limitation Act 1963	1986
		LAL 147	Criminology, Penology and victimology	1986
		LAL 162	Comparative constitution	1986
		LAL 160	Insurance Law	1986
		LAL 161	Law Relating to Banking	1986
		LAL 180	Information Technology Laws	1986
		LAL 148	Labour Law-II	1986
		LAL 154	Rent Law	1986

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		LAL 157	Principles of Taxation	1986
		LAL 144	International Humanitarian Law and Refugee Law	1986
		LAL 146	Women and Law	1986
		LAL 181	Consumer Protection and Competition Law	1986
		LAL 175	Offences against Child and Juvenile delinquency	1986
		LAL 156	Principles of Legislation and Interpretation of Statute	1986
		LAL 168	Drafting, pleadings and Conveyancing	1986
		LAL 159	Small Acts	1986
		LAL 155	Regulatory Law	1986
		LAL 168	Elections Law	1986
		LAL 169	Right to Information	1986
		LAL 152	Health Law	1986
		LAL 164	Private International Law	1986
		LAL 172	Service Law	1986
		LAL 165	Moot court Exercise and Internship	1986
		LAL 153	LandLaw Including Tenure And Tenancy System	1986
		LAL 167	Fundamentals of IPR (Patent, Trade Mark, Design and Copyright)	1986
		LAL 304	Company Law	1986
		LAL 145	International Organization	1986
		LAL 184	International Human Rights	1986
		LAL 185	Forensic Science & Laws	1986
		LAL 186	International Criminal Laws	1986
		LAL 170	Law and Medicine	1986
		LAL 174	Disability Law and Human Rights	1986
		LAL 176	Moot court Exercise and Internship	1986
2701	LL.M (OYC)	LAL 701	Research Methods and Legal Writing	2015
		LAL 702	Law and Social Transformation (Jurisprudence)	2015
		LAL 723	Constitutional Law: New Challenges	2015
		LAL 742	Law of Crime in India: Indian Penal Provisions	2015
		LAL 704	Administration of Criminal Justice	2015
		LAL 743	Criminal Investigation And Techniques	2015
		LAL 706	Law of Marriage	2015
		LAL 707	Law of Matrimonial Reliefs	2015
		LAL 708	Law of Guardianship and Adoption	2015
		LAL 709	General Principles of Public International Law	2015
		LAL 710	Emerging Trends in International Law	2015
		LAL 711	International Environment Law	2015
		LAL 712	Fundamental Rights and Directive Principles	2015
		LAL 713	Administrative Law	2015
		LAL 714	Service Law	2015
		LAL 715	Consumer Protection Law : International Perspective	2015
		LAL 716	Consumer Protection Law : National Perspective	2015
		LAL 717	The Consumer Protection Act,2019(I)	2015
		LAL 718	Law of Industrial and Business Management	2015
		LAL 719	Commercial Arbitration	2015
		LAL 720	Competition Law	2015
		LAD 721	Dissertation	2015
		LAL 744	Jurisprudential Aspect Of Criminal Law	2015
		LAL 745	International Law and Environment Law	2015
		LAL 746	Commercial Law and Technology Law	2015
		LAL 747	Drug Trafficking and Counterfeiting	2015
		LAL 748	Crime against women and Children and Victim Compensation	2015
		LAL 726	Crime and Special Laws	2015
		LAL 727	Law of Inheritance and Succession	2015
		LAL 728	Comparative Personal Law	2015
		LAL 729	Law of Maintenance and Mitakshara Hindu Joint Family	2015
		LAL 730	International Organizations	2015
		LAL 731	Air and Space Law (Including Aircraft Hijacking)	2015
		LAL 732	International Human Rights Law	2015
		LAL 733	Comparative Public Law	2015
		LAL 734	Election Law	2015
		LAL 735	Media Law	2015
		LAL 736	Consumer Protection Act :2019 (II)	2015
		LAL 737	Consumer Protection Law and Medical Negligence	2015
		LAL 738	Emerging Trends in Consumer Protection Law and Policy	2015
		LAL 739	Corporate Law	2015
		LAL 740	Intellectual Property Law	2015
		LAL 741	Trade Law and International Investment Dispute Settlement	2015
		LAD 721	Dissertation	2015
1721	Bachelor of Library and Information Science (Hons.)	LSL4001	Foundations of Librarianship	1984
		LSL4002	L4002 Knowledge Organisation: Classification (Theory)	1984
		LSP4003	Knowledge Organisation: Classification (Practice)	1984
		LSL4004	Information Technology: Basics (Theory)	1984
		LSP4005	Information Technology: Basics (Practice)	1984
		LSP4013	Seminar	1984
		LSL4006	Management of Libraries and Information Centres	1984
		LSL4007	Library Cataloguing (Theory)	1984
		LSP4008	Library Cataloguing (Practice)	1984
		LSL4009	Information Sources and Services (Theory)	1984
		LSP4010	Information Sources and Services (Practice)	1984
		LSE4011	Internship	1984
2753	Master of Library and Information Science	LSL5001	Information and Communication	1984
		LSL5002	Research Methods and Statistical Techniques	1984
		LSP5003	Knowledge Organisation Advanced Library Classification (Practice)	1984

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		LSP5004	Knowledge Organisation Advanced Library Cataloguing (Practice)	1984
		LSL5006	Information and Literature Survey in Social Sciences	1984
		LSP5018	Seminar	1984
		LSL5009	Information Retrieval	1984
		LSL5010	Information Technology: Application (Theory)	1984
		LSP5011	Information Technology: Application (Practice)	1984
		LSL5012	Information Analysis, Consolidation & Repackaging (Theory)	1984
		LSP5013	Information Analysis, Consolidation & Repackaging (Practice)	1984
		LSL5015	Academic Library System	1984
2810	M.A. in Journalism & Mass Communication Five Year Programme	JML-1001	Introduction to Communication and Media	2023
		JML-1002	Introduction to Journalism (Reporting & Editing)	2023
		JML-1003	Introduction to Photo Journalism	2023
		JML-1004	Media & Political Discourse	2023
		JML-1005	Indian Social System	2023
		JMP-1002	Introduction to Journalism (Reporting & Editing) Practical	2023
		JMP-1003	Introduction to Photo Journalism Practical	2023
		ENL-1001	Communicative English - I	2023
		PBL 1021	Punjabi Compulsory	2023
		PBL-1022	Basic Punjabi	2023
		HSL-4060	Punjab History and Culture	2023
		JML-1021	Concept and Processes in Mass Communication	2023
		JML-1022	Print Journalism History in India	2023
		JML-1023	Historical Concepts of Electronic Media	2023
		JML-1024	Laws and Ethics in Media	2023
		JML-1025	Applications of Computers for Media	2023
		JMP-1025	Practicals in Computer Applications for Media	2023
		ENL-1051	Communicative English - II	2023
		PBL-1031	Punjabi Compulsory	2023
		PBL-1032	Basic Punjabi	2023
		HSL - 5020	Punjab History & Culture(1717-1947)	2023
1728	B.A. (Hons.) Journalism & Mass Communication	JML-221	Basics of Radio Production	2020
		JML-222	Introduction to Advertising	2020
		JML-223	Business Communication	2020
		JML-224	Human Rights & Media	2020
		JML-225	Social Media	2020
		JMP-221	Basics of Radio Production (Practical)	2020
		JML-251	Basics of TV Production	2020
		JML-252	Introduction to Public Relations	2020
		JML-253	Global Media	2020
		JML-254	Writing For Media	2020
		JML-255	Media & Society	2020
		JMP_251	Basics of TC Production (Practical)	2020
	B.A. (Hons.) Journalism & Mass Communication	JML-301	General Awareness and Current Affairs I	2021
		JML-302	Magazine Journalism	2021
		JML-303	Cyber Journalism: Convergence and New Media	2021
		JML-304	Folk Media	2021
		JML-305	Introduction to Videography and Film Production	2021
		JML-306	Theater Studies	2021
		JMP-305	Introduction to Videography and Film Production (Practical)	2021
		JML-351	General Awareness and Current Affairs II	2021
		JML-352	Health and Science Communication	2021
		JML-353	Introduction to Media Research	2021
		JML-354	Creative Writing & Translation	2021
		JML-355	Brand Management	2021
		JMP-356	Projects	2021
2828	M.A. Journalism & Mass Communication (Two Year Programme)	JML-4011	Introduction to Communication and Media	2023
		JML-4012	Advertising, Public Relations and Corporate Communication	2023
		JML-4015	Development of Print Media	2023
		JML-4016	Electronic Media	2023
		JML-4017	Photography and Photo Journalism	2023
		JMP-4017	Practical in Print Media and Photography	2023
		JMP-4018	Practicals in Radio and Television	2023
		JML-4021	Development Communication	2023
		JML-4022	Media Management	2023
		JML-4023	New Media Technology	2023
		JML-4024	Communication Research I	2023
		JMD-4030	Assignments	2023
		JMS 4031	Seminars	2023
		EDL 0010	Universal Human Values II: Understanding Harmony	2023
2768	M.A. Journalism & Mass Communication	JML-501	Mass Communication Research II	2023
		JML-502	Current Affairs	2023
		JML-503	Film Studies	2023
		JML-504	Intercultural Communication	2023
		JML-505	International Communication	2023
		JML-506	Practicals	2023
		JML-507	Event Management	2023
		JML-508	Documentary Film Making	2023
		JML-514	Political Communication	2023
		JML-510	Current Affairs II	2023
		JML-515	Specialized Reporting	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		JMP-512	Dissertation	2023
2759	MPT (Sports Physiotherapy)	SPL5001	Applied Basic Medical Sciences	2003
		SPL5002	Kinesiology & Biomechanics	2018
		SPL5003	Assessment & Evaluation in Sports Physiotherapy	2004
		SPL5004	Research & Educational Methodology	2004
		SPE5011	Clinical Training-I	2010
		SPD5012	Dissertation-I	2010
		SPL5051	Applied Para Clinical Sciences	2004
		SPL5052	Sports Biomechanics & Kinanthropometry	2018
		SPL5053	Physiotherapy Methods	2004
		SPL5054	Sports Traumatology	2004
		SPE5061	Clinical Training-II	2010
		SPD5063	Dissertation-II	2010
		SPL5090/SPL5091	Evidence Based Practice in Allied Health Sciences/Women Health and Exercise	2010
		SPL6001	Sports Physiotherapy Methods	2004
		SPL6002	Medical Aspects of Sports Medicine	2019
		SPL6003	Exercise Physiology & Nutrition	1997
		SPL6004	Non-Traumatic Medical Conditions of Athletes	2004
		SPE6011	Clinical Training-III	2010
		SPD6012	Dissertation-III	2010
		SPL6051	Sports Psychology	1997
		SPL6052	Applied Exercise Physiology	2004
		SPL6053	Life Style Medicine	2019
		SPL6054	Current Concepts in Sports Medicine	2004
		SPE6061	Clinical Training-IV	2010
		SPD6062	Dissertation-IV	2010
		EDL0010	Universal Human Values-II: Understanding Harmony	2023
	M.A. (Sports Psychology)	SYL4001	Physiological Psychology	2018
		SYL4002	Developmental Psychology	2018
		SYL4003	Fundamental Psychology – I	2018
		SYL4004	Research and Educational Methodology in Psychology	2021
		SYE4011	Psychological Training-I	2018
		SYD4012	Dissertation-I	2018
		SYL4051	Positive Psychology	2018
		SYL4052	Applied Social Psychology in Sports	2018
		SYL4053	Fundamental Psychology-II	2018
		SYE4061	Psychological Training-II	2018
		SYD4052	Dissertation-II	2018
		SPL5090/SPL5091	Evidence Based Practice in Allied Health Sciences/Women Health and Exercise	2010
		SYL5001	Exercise Testing for Health and Skill Related Components of Fitness	2018
		SYL5002	Practicum in Dietary Analysis	2018
		SYL5003	Clinical Sports Psychology	2018
		SYE5011	Psychological Training-III	2018
		SYD5012	Dissertation-III	2018
		SYL5052	Current Concepts in Sports and Fitness	2018
		SYL5053	Counselling Skills for Sports Psychologists	2018
		SYL5054	Sports Psychology and Performance Enhancement	2021
		SYE5061	Psychological Training-IV	2018
		SYD5062	Dissertation-IV	2018
		EDL0010	Universal Human Values-II: Understanding Harmony	2023
	M.Sc. (Exercise & Sports Physiology)	SHL4001	Fundamentals of Exercise Physiology	2018
		SHL4003	Research and Educational Methodology in Physiology	2021
		SHL4004	Kinesiology and Biomechanics in Sports Physiology	2018
		SHE4011	Clinical Training-I	2018
		SHD4012	Dissertation-I	2018
		SHL4055	Exercise and Environmental Physiology	2020
		SHL4053	Kinanthropometry and Exercise Physiology	2020
		SHE4061	Clinical Training-II	2018
		SHD4063	Dissertation-II	2018
		SPL5090/SPL5091	Evidence Based Practice in Allied Health Sciences/Women Health and Exercise	2010
		SHL5011	Exercise and Fitness-Health and skill related components	2020
		SHL5013	Neuro Musculoskeletal system in Exercise and training	2020
		SHE5021	Clinical Training-III	2018
		SHD5022	Dissertation-III	2018
		SHL5061	Sports Psychology and Physiological Aspect	2020
		SHL5063	Methods of Exercise Prescription	2020
		SHE5071	Clinical Training-IV	2018
		SHD5072	Dissertation-IV	2018
		EDL0010	Universal Human Values-II: Understanding Harmony	2023
	M.H.A.	HAL4002	Principles of Hospital Management	2018
		HAL4003	Disease Control	2018
		HAL4004	Hospital: An Introduction	2020
		HAE4012	Clinical Training-I	2018
		HAD4013	Dissertation-I	2018
		HAL4051	Health Economics and Financial Planning	2018
		HAL4052	Demography, Family Planning, Nutrition and Hospital Utility Services	2018
		HAE4061	Clinical Training-II	2018
		HAD4063	Dissertation-II	2018
		SPL5090/SPL5091	Evidence Based Practice in Allied Health Sciences/Women Health and Exercise	2010
		HAL5002	Principles of Management and Organizational Behaviour	2018
		HAL5003	Financial Management and Industrial Relations	2018
		HAL5004	Hospital Management Information System, Marketing & Accounting management	2018
		HAL5005	Health Care Delivery System	2020

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		HAE5012	Clinical Training-III	2018
		HAD5013	Dissertation-III	2018
		HAL5051	Health Statistics and Legal Aspect of Health	2018
		HAL5052	Operational Research and Quality Management	2018
		HAL5053	Medical Transcription and Bio-Medical Engineering	2018
		HAL5054	Health Insurance and Hospitality Management	2018
		HAE5061	Clinical Training-IV	2018
		HAD5062	Dissertation-IV	2018
		EDL0010	Universal Human Values-II: Understanding Harmony	2023
	M.Sc. (Sports Biomechanics)	SBL5001	Fundamentals of Biomechanics	2020
		SBL5002	Functional Anatomy & Physiology	2020
		SBL5003	Human Motor Control	2020
		SBL5004	Research & Educational Methodology in Biomechanics	2021
		SBE5011	Practical Training-I	2020
		SBD5012	Dissertation-I	2020
		SBL5051	Biomechanical Analysis-I: Instrumentation	2020
		SBL5052	Biomechanical Analysis-II: Data Acquisition	2020
		SBL5053	Mechanical Analysis of Human Motion	2020
		SBL5054	Motor Learning & Performance	2020
		SBE5061	Practical Training-II	2020
		SBD5062	Dissertation-II	2020
		SPL5090/SPL5091	Evidence Based Practice in Allied Health Sciences/Women Health and Exercise	2010
		SBL6001	Technical Skill Analysis	2020
		SBL6002	Advanced Biomechanics	2020
		SBL6003	Ergonomics in Sports & Exercise	2020
		SBL6004	Factor Influencing Training for Sports	2020
		SBE6011	Practical Training-III	2020
		SBD6012	Dissertation-III	2020
		SBL6051	Psychological Aspects in Biomechanics	2021
		SBL6052	Advanced Sports Performance Analysis	2020
		SBL6053	High Performance Management in Sports	2020
		SBE6061	Practical Training-IV	2020
		SBD6062	Dissertation-IV	2020
		EDL0010	Universal Human Values-II: Understanding Harmony	2023
2813	M.Sc. Mathematics (FYIP)	MTL1025	Calculus	2019
		MTL1026	Algebra	2019
		MTP1025	Calculus Laboratory	2019
		PHL1048	Mechanics I	2019
		PHP1048	Mechanics Laboratory I	2019
		ENL1001	Communicative English I	2019
		PBL 1021	Punjabi Compulsory-I	2019
		PBL 1022	Mudhli Punjabi	2019
		CSL1013	Programming Language I	2019
		CSP1013	Programming Laboratory I	2019
		PSL0059	Human Rights & Constitutional Duties	2019
		MTL1055	Sequences & Series	2019
		MTL1056	Differential Equations	2019
		MTP1056	Differential Equations Laboratory	2019
		CSL1022	Object Oriented Programming C++	2019
		CHP1022	Programming Laboratory II	2019
		PHL1068	Mechanics II	2019
		PHP1068	Mechanics Laboratory II	2019
		ENL1051	Communicative English II	2019
		PBL1031	Punjabi Compulsory-II	2019
		PBL1032	Mudhli Punjabi	2019
		MTL1076	Numerics using Scilab	2019
		SOL1006	Drug abuse; Problem, Management and Prevention	2019
		MTL-228	Theory of Real Functions	2019
		MTL-226	PDE and Systems of ODE	2019
		MTL-230	PDE & Systems of ODE Lab	2019
		MTL-227	Group Theory-I	2019
		PHL-245	Modern Physics-I	2019
		PHP-245	Modern Physics Laboratory-II	2019
		CSL-217	Python Programming	2019
		CSP-217	Python Programming Laboratory	2019
		ESL-220	Environmental Studies	2019
		MTL-255	Riemann Integration and Series of Functions	2019
		MTL-256	Ring Theory and Linear Algebra-I	2019
		MTL-257	Numerical Methods	2019
		MTP-257	Numerical Methods Lab	2019
		PHL-295	Modern Physics-II	2019
		PHP-295	Modern Physics Laboratory-II	2019
		CSL-227	R Programming	2019
		CSP-227	R Programming Laboratory	2019
2781	M.Sc. Mathematics (FYIC)(USHS)	MTL-329	Multivariate Calculus	2019
		MTL-326	Group Theory-II	2019
		MTL-327	Probability and Statistics	2019
		MTL-328	Number Theory	2019
		MTL-359	Metric Spaces and Complex Analysis	2019
		MTL-356	Ring Theory and Linear Algebra-II	2019
		MTL-357	Theory of Equations	2019
		MTL-360	Differential Geometry	2019
		MTL-424	Topics in Number Theory	2019
		MTL-425	Topics in Linear Algebra	2019
		MTL-426	Discrete Mathematics	2019
		MTL-427	Topics in Real Analysis	2019
		MTL-442	Stochastic Processes	2019
		MTL-443	Analytic Number Theory	2019
		MTL-481	Operations Research	2019

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		MTL-483	Classical Mechanics and Calculus of Variations	2019
		MTL-485	Mathematical Methods	2019
		MTL-515	Topology	2019
		MTL-516	Functional Analysis	2019
		MTL-521	Operations Research-I	2019
		MTL-522	Discrete Mathematics	2019
		MTL-565	Algebraic Topology	2019
		MTL-566	Banach Algebra and Operator Theory	2019
		MTL-568	Topological Vector Spaces	2019
		MTL-569	Operations Research-II	2019
2840	M.Sc. Mathematics (TYP)	MTL-4021	Algebra	1970
		MTL-4022	Linear Algebra	1970
		MTL-4023	Differential Equations	1970
		MTL-4027	Topics in Real Analysis	1970
		MTL-4041	Probability Theory	1970
		MTL-4043	Analytic Number Theory	1970
		MTL-4081	Operation Research	1970
		MTL-4085	Mathematical Methods	1970
		MTL-4088	Complex Analysis	1970
		EDL-0010	Universal Human Values-II: Understanding Harmony	1970
2724	M.Sc. Mathematics	MTL-501	Measure Theory	1970
		MTL-502	Functional Analysis-I	1970
		MTL-503	Statistical Inference	1970
		MTL-531	Operations Research-I	1970
		MTL-532	Discrete Mathematics-I	1970
		MTL-534	Advanced Numerical Analysis	1970
		MTL-551	Topology	1970
		MTL-552	Functional Analysis-II	1970
		MTL-553	Field Extension and Galois Theory	1970
		MTL-581	Topological Vector Spaces	1970
		MTL-583	Operations Research-II	1970
		MTL-584	Discrete Mathematics-II	1970
1732	B.Sc. Microbiology	MCL301	Environmental Microbiology	2022
		MCL302	Introduction to Microbial Genetics	2022
		MCL303	Agricultural Microbiology	2022
		MCL 304	Microbial Ecology	2022
		MTL261	Biostatistics	2022
		MCP326	Environment and Agricultural Microbiology Lab	2022
		MCP327	Microbial Genetics Lab	2022
		MCL351	Microbiological Quality Control	2022
		MCL352	Analytical Techniques in Microbiology	2022
		MCL353	Fundamentals of Medical Microbiology and Immunology	2022
		CSL321	Computer Applications	2022
		UBL351	Entrepreneurship Development	2022
		MCL354	Industrial Visit	2022
		MCP376	Microbiological Quality Control Lab	2022
		MCP377	Medical Microbiology and Diagnostic Lab	2022
2725	M.Sc. Microbiology	MCL501	Clinical & Medical Microbiology	2018
		MCL502	Environmental Biotechnology	2010
		MCL503	Industrial Microbiology	2010
		CSL591	Computer Applications	2010
		MCP521	Food Microbiology Lab	2016
		MCP522	Environmental & Industrial Microbiology Lab	2010
		MCL551	Recent advances in Microbiology	2010
		MCL552	Advances in Industrial Microbiology	2010
		MCP573	Advanced Practicals in Microbiology	2015
		MCP571	Research Assignment	2010
		MCP572	Field Study	2010
		MCL561	Microbial fertilizers and Microbial Pesticides	2010
		MCL562	Biochemical & Biophysical Techniques	2010
		MCL563	Waste Recycling	2018
2809	M.Sc. Microbiology (FYIP)	MCL210	Basic Bacteriology	2022
		MCL211	Basic Virology	2022
		MCL212	Basic Mycology	2022
		MCL209	Introduction to Algae and Protozoa	2022
		ESL220	Environmental Studies	2022
		MCP226	Bacteriology/Virology Lab	2022
		MCP227	Microbial Diversity Lab	2022
		MCL252	Industrial Microbiology	2022
		MCL254	Introduction to Biochemistry	2022
		MCL255	Food and Dairy Microbiology	2022
		CHL291	Physical Chemistry	2022
		PSL057	Human Rights & Constitutional Duties	2022
		MCP276	Industrial Microbiology Lab	2022
		MCP277	Food Microbiology Lab	2022
		CHP291	Physical Chemistry (Practicals)	2022
		MCE278	Summer Internship/Minor Project	2022
		MCL1001	Cell structure and function	2023
		CHL1091	Organic Chemistry	2023
		PHL1091	Optics	2023
		ENL1001	Communicative English I	2023
		PBL1021	Punjabi Compulsory	2023
		PBL1022	Mudhli Punjabi	2023
		HSL4060	Punjab History & Culture (1450-1716)	2023
		MCP1026	Basic Lab in Cell Biology	2023
		CHP1091	Qualitative Organic Analysis	2023
		PHP1091	Physics (Optics Lab)	2023
		MCP1027	Basic Orientation Lab in Microbiology	2023
		MCL1051	Introduction to Microbiology	2023
		MCL1051	Inorganic Chemistry	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		PHL1096	Modern Physics I	2023
		ENL1051	Communicative English II	2023
		PBL1031	Punjabi Compulsory	2023
		PBL 1032	Mudhli Punjabi	2023
		HSL5020	Punjab History & Culture (1717-1947)	2023
		SOL1006	Drug Abuse: Problem, Management and Prevention (Mandatory Course)	2023
		MCP1076	Microbiological Techniques	2023
		CHP1092	Inorganic Chemistry Lab	2023
		PHP1096	Modern Physics Lab-I	2023
2839	M.Sc. Microbiology TYP	MCL4001	General Microbiology	2023
		MCL4014	Microbial Ecology	2023
		MCL4015	Basics of Molecular Genetics	2023
		MCL4016	Medical Microbiology and Diagnostics	2023
		MCP4015	Lab Techniques in Molecular Genetics	2023
		MCP4016	Lab in Medical Microbiology and Diagnostics	2023
		MCS4017	Seminar	2023
		MCL4061	Microbiological Quality Control	2023
		MCL4062	Enzymes: Concepts and Applications	2023
		MCL4063	Analytical Techniques in Microbiology	2023
		MCL4064	Recent Concepts in Microbiology	2023
		MCP4097	Lab Techniques in Enzymes	2023
		MCP4098	Lab in Analytical Techniques	2023
1743	B.Sc. Medical LabTechnology	MLL-1002	Hematology-I	2018
		MLL-1004	Anatomy & Physiology-I	2018
		MLL-1005	Principles of Biochemistry	2018
		ENL-1001	Communicative English-I	2018
		PBL-1021/	Punjabi (Compulsory) /	2018
		PBL-1022/	*Punjabi Mudli	2018
		HSL-4060	**Punjab History & Culture	2018
		MLP-1026	Practicals in Hematology-I	2018
		MLP-1028	Practicals in Anatomy & Physiology-I	2018
		MLP-1029	Practicals in Biochemistry	2018
		MLL-1051	Basic Microbiology	2018
		MLL-1052	Hematology-II	2018
		MLL-1054	Anatomy & Physiology-II	2018
		ENL-1051	Communicative English-II	2018
		PBL-1031/	Punjabi (Compulsory) /	2018
		PBL-1032/	*Punjabi Mudli	2018
		HSL-5020	**Punjab History & Culture	2018
		SOL-1006	***Drug Abuse: Problem, Management and Prevention (Compulsory ID Course)	2018
		MLP-1076	Practicals in Microbiology	2018
		MLP-1077	Practicals in Hematology-II	2018
		MLP-1079	Practicals in Anatomy & Physiology-II	2018
		MLL-2001	Basics of Pathology-I	2018
		MLL-2002	Introduction to Bacteriology and Virology	2018
		MLL-2003	Clinical Biochemistry-I	2018
		MLP-2026	Practicals in Pathology-I	2018
		MLP-2027	Practicals in Bacteriology and Virology	2018
		MLP-2028	Practicals in Clinical Biochemistry-I	2018
		ESL-2020	Environment Studies (Compulsory ID Course)	2018
		MLL-2051	Basics of Pathology-II	2018
		MLL-2053	Clinical Biochemistry-II	2018
		MLL-2056	Fundamentals of Data Analysis	2018
		MLP-2076	Practicals in Pathology-II	2018
		MLP-2078	Practicals in Clinical Biochemistry-II	2018
		MLP-2080	Practicals in Fundamentals of Data Analysis	2018
		PSL-0059	Human Rights & Constitutional Duties (Mandatory Course)	2018
		MLL-3001	Parasitology	2018
		MLL-3004	Medical Laboratory Management	2018
		MLL-3005	Ethical Conduct and Basic Bioethics	2018
		MLL-3006	Immunology	2018
		MLP-3026	Practicals in Parasitology	2018
		MLP-3029	Case studies in Ethical Conduct and Basic Bioethics	2018
		MLP-3030	Practicals in Basic Immunology	2018
		MLE-3031	Summer Internship/Minor Project	2018
		MLE-3077	Internship (six months) *Project Report	2018
		MLL-4001	Cell Structure and Functions	2018
		MLL-4002	Techniques in Medical Lab Technology	2018
		MLL-4003	Recent Advances in Pathology	2018
		MLP-4025	Practicals in Cell Structure and Functions	2018
		MLP-4026	Practicals in Techniques in Medical Lab Technology	2018
		MLP-4027	Practicals in Recent Advances in Pathology	2018
		-	MOOC from Swayam portal	2018
		MLL-4053	Blood Banking and Transfusion Medicine	2018
		MLL-4054	Molecular Biology	2018
		MLP-4078	Practicals in Basic Molecular Biology	2018
		MLD-4079	Research Project	2018
		MLL-4051	Mycology	2018
		MLL-4052	Biochemical Reactions	2018
		MLL-4053	Blood Banking and Transfusion Medicine	2018
		MLL-4054	Molecular Biology	2018
		MLP-4076	Practicals in Basic Mycology	2018
		MLP-4077	Practicals in Biochemical Reactions	2018
		MLP-4078	Practicals in Basic Molecular Biology	2018
2726	M.Sc. Molecular Biology & Biochemistry	MBL-4002	Enzymology	2018
		MBL-4003	Fundamentals of Molecular Biology	2018

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		MTL-2061	Biostatistics	2018
		CSL- 5091	Computer Applications	2018
		MBP-4022	Practicals in Basic and clinical Biochemistry	2018
		MBL-4051	Concepts in Immunology	2018
		MBL-4052	Metabolism of Carbohydrates and Lipids	2018
		MBL-4054	Recombinant DNA Technology	2018
		-	Elective-I*	2018
		MBP-4071	Practicals in Molecular Biology	2018
		MBL-5002	Metabolism of Proteins and Nucleic Acids	2018
		MBL-5003	Biophysical and Biochemical Techniques	2018
		-	Elective-II*	2018
		-	Elective-III*	2018
		MBP-5022	Practicals in Immunology & Microbiology	2018
		MBP-5024	Research proposal	2018
		MBL-5052	Seminars on Current Topics	2018
		MBP-5056	Research Project	2018
		MBL-5055	Genomics and Proteomics	2018
		-	Elective-IV*	2018
		EDL-0010	Universal Human Values-II : Understanding Harmony	2018
2775	M.Sc. BIOCHEMISTRY (SPECIALIZATION IN SPORTS BIOCHEMISTRY)	MBL-4002	Enzymology	2019
		MBL-4003	Fundamentals of Molecular Biology	2019
		MTL-2061	Biostatistics	2019
		CSL- 5091	Computer Applications	2019
		MBP-4022	Practicals in Basic and clinical Biochemistry	2019
		MBL-4051	Concepts in Immunology	2019
		MBL-4052	Metabolism of Carbohydrates and Lipids	2019
		MBL-4054	Recombinant DNA Technology	2019
		-	Elective-I*	2019
		MBP-4071	Practicals in Molecular Biology	2019
		MBL-5002	Metabolism of Proteins and Nucleic Acids	2019
		MBL-5003	Biophysical and Biochemical Techniques	2019
		-	Elective-II*	2019
		-	Elective-III*	2019
		MBP-5022	Practicals in Immunology & Microbiology	2019
		MBL-511	Applied Exercise Physiology	2019
		MBL-512	Human Physiology	2019
		MBL-513	Supplementation and Doping in Sports	2019
		MBP-523	Dissertation	2019
		EDL-0010	Universal Human Values-II : Understanding Harmony	2019
2706	M.P.A. Music (Vocal)	MVL 4001	THEORETICAL SURVEY OF INDIAN MUSIC	1997
		MVL 4022	APPLIED THEORY OF PERFORMING ARTS	2016
		MVL 4003	STAGE AND SOUND ARRANGEMENT	2016
		MVP 4021	PRACTICAL APPROACH TO PERFORMING ARTS-I (MUSIC,DANCE, THEATRE & TABLA)	2016
		MVP 4022	STAGE PERFORMANCE	1997
		MVP 4023	COMPARATIVE STUDY OF RAGAS	1997
		MVP 4025	ENHANCING MUSIC APPRECIATION SKILLS-1	2023
		MVL 4051	HISTORICAL DEVELOPMENT OF INDIAN MUSIC	1997
		MVL 4052	TECHNICAL THEORY OF PERFORMING ARTS	2016
		MVL 4053	AESTHETICAL STUDY OF INDIAN MUSIC	1997
		MVP 4071	PRACTICAL APPROACH TO PERFORMING ARTS-II	2016
		MVP 4072	STAGE PERFORMANCE	1997
		MVP 4073	CRITICAL STUDY OF RAGAS	1997
		MVP 4075	ENHANCING MUSIC APPRECIATION SKILLS-II	2023
		MVL5001	SCIENTIFIC STUDY OF INDIAN MUSIC	1997
		MVL5002	BASIC RESEARCH TECHNIQUES IN MUSIC EDUCATION	2016
		MVL 5003	THERAPEUTIC USE AND UNDERSTANDING OF INDIANMUSIC (MUSIC THERAPY)	2016
		MVP5021	PRACTICAL APPROACH TO PERFORMING ARTS	2016
		MVP5022	STAGE PERFORMANCE	1997
		MVP5023	ANALYTICAL STUDY OF RAGAS	1997
		MVP 5025	ENHANCING MUSIC APPRECIATION SKILLS-III	2023
		MVL 5054	EXPERIMENTAL DESIGN AND INNOVATIONS IN MUSIC	2016
		MVL 5055	MULTIMEDIA AND PERFORMING ARTS	2016
		MVP 5082	STAGE PERFORMANCE	1997
		MVP 5083	INTENSIVE STUDY OF RAGAS	1997
		MVD 5056	DISSERTATION	2023
2705	M.P.A. Music (Instrumental)	MUL 1011	THEORETICAL SURVEY OF INDIAN MUSIC	1997
		MUL 1017	THEORETICAL SURVEY OF INDIAN MUSIC (TABLA)	2019
		MUL 1012	APPLIED THEORY OF PERFORMING ARTS	2016
		MUL 1013	STAGE AND SOUND ARRANGEMENT	2016
		MUP 1014	PRACTICAL APPROACH TO PERFORMING ARTS-I (MUSIC, VOCAL, INSTRUMENT, DANCE,THEATRE)	2016
		MUP 1051	STAGE PERFORMANCE OF RAGAS	1997
		MUP 1020	INTENSIVE STUDY OF RAGAS	1997
		MUP 1052	STAGE PERFORMANCE (TABLA)	2019
		MUP 1019	COMPARATIVE STUDY OF TALAS	2019
		MUP 1053	ENHANCING MUSIC APPRECIATION SKILLS-I	2023
		MUL 1021	HISTORICAL DEVELOPMENT OF INDIAN MUSIC	1997
		MUL 1027	HISTORICAL DEVELOPMENT OF INDIAN MUSIC (TABLA)	2019
		MUL 1022	TECHNICAL THEORY OF PERFORMING ARTS	2016
		MUL 1023	AESTHETICAL STUDY OF INDIAN MUSIC	1997

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		MUP 1024	PRACTICAL APPROACH TO PERFORMING ARTS-II	2016
		MUP 1061	STAGE PERFORMANCE OF RAGAS	1997
		MUP 1030	CRITICAL STUDY OF RAGAS	1997
		MUP 1062	STAGE PERFORMANCE (TABLA)	2019
		MUP 1029	CRITICAL STUDY OF TALAS (TABLA)	2019
		MUP 1063	ENHANCING MUSIC APPRECIATION SKILLS-II	2023
		MUL 1031	SCIENTIFIC APPROACH TO INDIAN MUSIC	1997
		MUL 1037	SCIENTIFIC APPROACH TO INDIAN MUSIC (TABLA)	2019
		MUL 1032	BASIC RESEARCH TECHNIQUES IN MUSIC EDUCATION	2016
		MUL 1033	THERAPEUTIC USE AND UNDERSTANDING OF INDIAN MUSIC (MUSIC THERAPY)	2016
		MUP 1034	PRACTICAL APPROACH TO PERFORMING ARTS	2016
		MUP 1071	STAGE PERFORMANCE OF RAGAS	1997
		MUP 1040	ANALYTICAL STUDY OF RAGAS	1997
		MUP 1072	STAGE PERFORMANCE OF TALAS (TABLA)	2019
		MUP 1039	INTENSIVE STUDY OF TALAS (TABLA)	2019
		MUP 1073	ENHANCING MUSIC APPRECIATION SKILLS-III	2023
		MUL 1041	EXPERIMENTAL DESIGN AND INNOVATIONS IN MUSIC	2016
		MUL 1042	MULTIMEDIA AND PERFORMING ARTS	2016
		MUL 1045	MATHEMATICAL ASPECTS IN TAAL SHASTRA (TABLA)	2023
		MUL 1046	NEW INNOVATIONS IN TABLA	2023
		MUP 1081	STAGE PERFORMANCE OF RAGAS	1997
		MUP 1049	CRITICAL STUDY OF RAGAS	1997
		MUP 1082	STAGE PERFORMANCE OF TALAS (TABLA)	2019
		MUP 1048	CRITICAL STUDY OF TALAS (TABLA)	2019
		MUD 1043	DISSERTATION	2023
1726	B.Pharmacy	BP101T	Human Anatomy and Physiology I– Theory	2017-18
		BP107P	Human Anatomy and Physiology – Practical	2017-18
		BP102T	Pharmaceutical Analysis I –Theory	2017-18
		BP108P	Pharmaceutical Analysis I – Practical	2017-18
		BP103T	Pharmaceutics I – Theory	2017-18
		BP109P	Pharmaceutics I – Practical	2017-18
		BP104T	Pharmaceutical Inorganic Chemistry -Theory	2017-18
		BP110P	Pharmaceutical Inorganic Chemistry Practical	2017-18
		BP105T	Communication skills – Theory	2017-18
		BP111P	Communication skills – Practical	2017-18
		BP106RBT	Remedial Biology/	2017-18
		BP112RBP	Remedial Biology – Practical	2017-18
		BP106RMT	Remedial Mathematics – Theory	2017-18
		PBL-1021	Compulsory Punjabi-I	2017-18
		PBL-1022	Mudhli Punjabi-I	2017-18
		HSL-4060	Punjab History & Culture 1450-1716	2017-18
		BP201T	Human Anatomy and Physiology II – Theory	2017-18
		BP207P	Human Anatomy and Physiology II –Practical	2017-18
		BP202T	Pharmaceutical Organic Chemistry I – Theory	2017-18
		BP208P	Pharmaceutical Organic Chemistry I– Practical	2017-18
		BP203T	Biochemistry – Theory	2017-18
		BP209P	Biochemistry – Practical	2017-18
		BP204T	Pathophysiology – Theory	2017-18
		BP205T	Computer Applications in Pharmacy – Theory	2017-18
		BP210P	Computer Applications in Pharmacy – Practical	2017-18
		PBL-1031	Compulsory Punjabi-II	2017-18
		PBL-1032	Mudhli Punjabi-II	2017-18
		HSL-5020	Punjab History & Culture (1717-1947)	2017-18
		SOL1060	Drug Abuse: Problem, Management and Prevention (Mandatory Course)	2017-18
		BP301T	Pharmaceutical Organic Chemistry-II (Theory)	2017-18
		BP302T	Physical Pharmaceutics-I (Theory)	2017-18
		BP303T	Pharmaceutical Microbiology (Theory)	2017-18
		BP304T	Pharmaceutical Engineering (Theory)	2017-18
		BP305P	Pharmaceutical Organic Chemistry-II	2017-18
		BP306P	Physical Pharmaceutics-I (Practical)	2017-18
		BP307P	Pharmaceutical Microbiology (Practical)	2017-18
		BP308P	Pharmaceutical Engineering (Practical )	2017-18
		ESL-2020	Environmental Studies (Compulsory)	2017-18
		BP401T	Pharmaceutical Organic Chemistry III– Theory	2017-18
		BP402T	Medicinal Chemistry I –Theory	2017-18
		BP403T	Physical Pharmaceutics II –Theory	2017-18
		BP404T	Pharmacology I – Theory	2017-18
		BP405T	Pharmacognosy and Phytochemistry I– Theory	2017-18
		BP406P	Medicinal Chemistry I – Practical	2017-18
		BP407P	Physical Pharmaceutics II –Practical	2017-18
		BP408P	Pharmacology I – Practical	2017-18
		BP409P	Pharmacognosy and Phytochemistry I – Practical	2017-18
		*PSL0059	Human Rights & Constitutional Duties (Mandatory Course)	2017-18
		BP501T	Medicinal Chemistry II – Theory	2017-18
		BP502T	Industrial Pharmacy I– Theory	2017-18
		BP503T	Pharmacology II – Theory	2017-18
		BP504T	Pharmacognosy and Phytochemistry II– Theory	2017-18
		BP505T	Pharmaceutical Jurisprudence – Theory	2017-18
		BP506P	Industrial Pharmacy I – Practical	2017-18
		BP507P	Pharmacology II – Practical	2017-18
		BP508P	Pharmacognosy and Phytochemistry II – Practical	2017-18
		BP601T	Medicinal Chemistry III – Theory	2017-18

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		BP602T	Pharmacology III – Theory	2017-18
		BP603T	Herbal Drug Technology – Theory	2017-18
		BP604T	Biopharmaceutics and Pharmacokinetics –Theory	2017-18
		BP605T	Pharmaceutical Biotechnology – Theory	2017-18
		BP606T	Quality Assurance –Theory	2017-18
		BP607P	Medicinal chemistry III – Practical	2017-18
		BP608P	Pharmacology III – Practical	2017-18
		BP609P	Herbal Drug Technology – Practical	2017-18
		BP701T	Instrumental Methods of Analysis – Theory	2017-18
		BP702T	Industrial PharmacyII – Theory	2017-18
		BP703T	Pharmacy Practice – Theory	2017-18
		BP704T	Novel Drug Delivery System – Theory	2017-18
		BP705P	Instrumental Methods of Analysis – Practical	2017-18
		BP706PS	Practice School*	2017-18
		BP801T	Biostatistics and Research Methodology	2017-18
		BP802T	Social and Preventive Pharmacy	2017-18
		BP803ET	Pharma Marketing Management	2017-18
		BP804ET	Pharmaceutical Regulatory Science	2017-18
		BP805ET	Pharmacovigilance	2017-18
		BP806ET	Quality Control and Standardization of Herbals	2017-18
		BP807ET	Computer Aided Drug Design	2017-18
		BP808ET	Cell and Molecular Biology	2017-18
		BP809ET	Cosmetic Science	2017-18
		BP810ET	Experimental Pharmacology	2017-18
		BP811ET	Advanced Instrumentation Techniques	2017-18
		BP812ET	Dietary Supplements and Nutraceuticals	2017-18
		BP813ET	Pharmaceutical Product Development	2017-18
		BP813PW	Project Work	2017-18
2766	M.Pharmacy	MPH101T	Modern Pharmaceutical Analytical Techniques	2017-18
		MPH102T	Drug Delivery System	2017-18
		MPH103T	Modern Pharmaceutics	2017-18
		MPH104T	Pharmaceutical Regulatory Affair	2017-18
		MPH105P	Pharmaceutics Practical-I	2017-18
		MPH301S	Seminar/Assignment	2017-18
		MPC101T	Modern Pharmaceutical Analytical Techniques	2017-18
		MPC102T	Advanced Organic Chemistry -I	2017-18
		MPC103T	Advanced Medicinal chemistry	2017-18
		MPC104T	Chemistry of Natural Products	2017-18
		MPC105P	Pharmaceutical Chemistry Practical-I	2017-18
		MPC301S	Seminar/Assignment	2017-18
		MPL101T	Modern Pharmaceutical Analytical Techniques	2017-18
		MPL102T	Advanced Pharmacology-I	2017-18
		MPL103T	Pharmacological and Toxicological Screening Methods-I	2017-18
		MPL104T	Cellular and Molecular Pharmacology	2017-18
		MPL105P	Pharmacology Practical-I	2017-18
		MPL301S	Seminar/Assignment	2017-18
		MPG101T	Modern Pharmaceutical Analytical Techniques	2017-18
		MPG102T	Advanced Pharmacognosy-I	2017-18
		MPG103T	Phytochemistry	2017-18
		MPG104T	Industrial Pharmacognostical Technology	2017-18
		MPG105P	Pharmacognosy Practical-I	2017-18
		MPG301S	Seminar/Assignment	2017-18
		MPH201T	Molecular Pharmaceutics (Nano Technology and Targeted DDS)	2017-18
		MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	2017-18
		MPH203T	Computer Aided Drug Delivery System	2017-18
		MPH204T	Cosmetic and Cosmeceuticals	2017-18
		MPH205P	Pharmaceutics Practical-II	2017-18
		MPH302S	Seminar/Assignment	2017-18
		MPC201T	Advanced Spectral Analysis	2017-18
		MPC202T	Advanced Organic Chemistry -II	2017-18
		MPC203T	Computer Aided Drug Design	2017-18
		MPC204T	Pharmaceutical Process Chemistry	2017-18
		MPC205P	Pharmaceutical Chemistry Practical-II	2017-18
		MPC302S	Seminar/Assignment	2017-18
		MPL201T	Advanced Pharmacology-II	2017-18
		MPL202T	Pharmacological and Toxicological Screening Methods- II	2017-18
		MPL203T	Principles of Drug Discovery	2017-18
		MPL204T	Clinical Research And Pharmacovigilance	2017-18
		MPL205P	Pharmacology Practical-II	2017-18
		MPL302S	Seminar/Assignment	2017-18
		MPG201T	Medicinal Plant biotechnology	2017-18
		MPG202T	Advanced Pharmacognosy-II	2017-18
		MPG203T	Indian system of medicine	2017-18
		MPG204T	Herbal cosmetics	2017-18
		MPG205P	Pharmacognosy Practical-II	2017-18
		MPG302S	Seminar/Assignment	2017-18
		MPH 201T	Molecular Pharmaceutics (Nano Technology and Targeted DDS)	2017-18
		MPH 202T	Advanced Biopharmaceutics & Pharmacokinetics	2017-18
		MPH 203T	Computer Aided Drug Delivery System	2017-18
		MPH 204T	Cosmetic and Cosmeceuticals	2017-18
		MPH 205P	Pharmaceutics Practical-I	2017-18
		MPH302S	Seminar /Assignment	2017-18
		MPC 201T	Advanced Spectral Analysis	2017-18
		MPC 202T	Advanced Organic Chemistry -II	2017-18
		MPC 203T	Computer Aided Drug Design	2017-18
		MPC 204T	Pharmaceutical Process Chemistry	2017-18
		MPC 205P	Pharmaceutical Chemistry Practical-II	2017-18
		MPC302S	Seminar /Assignment	2017-18

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		MPL 201T	Advanced Spectral Analysis	2017-18
		MPL 202T	Pharmacological and Toxicological Screening Methods-II	2017-18
		MPL 203T	Principles of Drug Discovery	2017-18
		MPL 204T	Clinical Research and Pharmacovigilance	2017-18
		MPL 205P	Experimental Pharmacology - II	2017-18
		MPL302S	Seminar /Assignment	2017-18
		MPG 201T	Medicinal Plant biotechnology	2017-18
		MPG 202T	Advanced Pharmacognosy-II	2017-18
		MPG 203T	Indian system of medicine	2017-18
		MPG 204T	Herbal cosmetics	2017-18
		MPG 205P	Pharmacognosy Practical-II	2017-18
		MPG302S	Seminar /Assignment	2017-18
		MRM301T	Research Methodology and Biostatistics*	2017-18
		MPH303S	Journal club	2017-18
		MPH304S	Discussion / Presentation (Proposal Presentation)	2017-18
		MPH305S	Research Work	2017-18
		MRM 301T	Research Methodology and Biostatistics*	2017-18
		MPC303S	Journal club	2017-18
		MPC304S	Discussion / Presentation (Proposal Presentation)	2017-18
		MPC305S	Research Work	2017-18
		MRM301T	Research Methodology and Biostatistics*	2017-18
		MPL303S	Journal club	2017-18
		MPL304S	Discussion / Presentation (Proposal Presentation)	2017-18
		MPL305S	Research Work	2017-18
		MRM301T	Research Methodology and Biostatistics*	2017-18
		MPG303S	Journal club	2017-18
		MPG304S	Discussion / Presentation (Proposal Presentation)	2017-18
		MPG305S	Research Work	2017-18
		MPH401S	Journal Club	2017-18
		MPH402S	Research Work	2017-18
		MPH403S	Discussion/Final Presentation	2017-18
		MPH404S	Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	2017-18
		MPC401S	Journal Club	2017-18
		MPC402S	Research Work	2017-18
		MPC403S	Discussion/Final Presentation	2017-18
		MPC404S	Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	2017-18
		MPL401S	Journal Club	2017-18
		MPL402S	Research Work	2017-18
		MPL403S	Discussion/Final Presentation	2017-18
		MPL404S	Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	2017-18
		MPG401S	Journal Club	2017-18
		MPG402S	Research Work	2017-18
		MPG403S	Discussion/Final Presentation	2017-18
		MPG404S	Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	2017-18
1350	B.P.Ed.		Part-I :Theory	2017
			Paper-III: Teaching Ability	2017
			Part-IV: Class Room Teaching	2017
			Paper-I :History, Principles and Foundation of Physical Education	2017
			Paper-II :Anatomy, Physiology and Health Education	2017
			Paper-III :Organization and Administration	2017
			Paper -IV :Officiating & Coaching	2017
			Paper-IV : Sports Training	2017
			Paper-VI : Yoga and Environmental Sciences	2017
			Paper-VII :Educational Technology and Computer Applications	2017
1352	B.P.E.S.		Part-I : Theory	2017
			Paper-III: Teaching Ability	2017
			Part-IV: School Intership	2017
			Paper-VIII : Contemporary Issues in Physical Education	2017
			Paper-IX : Sports Psychology and Sociology	2017
			Paper -X : Kinesiology and Biomechanics	2017
			Paper -XI : Sports Medicine, Rehabilitation & Physiotherapy	2017
			Ppaer-XII :Measurement and Evaluation in Physical Education	2017
			Paper -XIII :Sports Management and Curriculum Design	2017
			Paper -XIV :Research Methodology and Sport Statistics	2017
		B.P.E.S Part-I	Part-A : Theory	2017
			Part-B : Skill and Prowess	2017
			Paper-I : Intoducation to Physical Education	2017
			Paper-II : General Science	2017
			Paper -III : Anatomy and Physiology	2017
			Paper- IV : Health Education	2017
			Paper- V : Social Sciences	2017
			Part-A : Theory	2017
			Part-C : Skill and Prowess	2017
			Paper-I : Kinesiology and Physiology of Exercise	2017
			Paper-II : Psychology with Special Reference to Physical Education	2017
			Paper-III : Methods of Physical Education	2017
			Paper-IV: Yoga and Recreation	2017
			Part-A : Theory	2017
			Part-C : Skill and Prowess	2017
			Paper-I : Principles and Foundation of Physical Education	2017
			Paper-II : Organisation and Administration	2017

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
			Paper-III : Remedial and Massage	2017
			PaperIV : Officiating and Coaching	2017
2908	M.P.Ed.	M.P.E.D First Year	Section -I : THEORY	2005
			PAPER-I. Research Methodology	2005
			PAPER-II. Kinesiology and Biomechanics	2005
			PAPER-III. Sports Psychology	2005
			PAPER-IV. Sports Medicine and Exercise Physiology	2005
			PAPER-V. Sports Sociology	2005
			1. Lesson on Training and Coaching in Athletics ( Long Jump, High Jump,Javelin Throw, Shot-Put, Start,Relay)	2005
			2. Lesson on Training and Coaching in Games ( Badminton,Handball, Football, Swimming,Boxing,Kho-Kho)	2005
			3. Proficiency in Athletics and Games based on Performance recognized by AIU. Athletics Events : One Jump, One Throw, One Sprint, One Middle Distance Race and One Hurdle. Games : (As per the Choice of each Student)	2005
		M.P.Ed. 2nd Year	Section -I : THEORY	2005
			PAPER 1: Science of Coaching & Training	2005
			PAPER 2: Sports Journalism	2005
			PAPER 3: Measurement & Evaluation in Physical Education	2005
			PAPER 4: Athletes Care and Rehabilitation	2005
			1. Lesson on Training and Coaching in Athletics a) Triple Jump b) Pole Vault c) Discus Throw d) Hammer Throw e) Hurdles f) Steeple Cheese	2005
			2. Lesson on Training and Coaching in Athletics a) Hockey b) Basketball c) Volleyball d) Kabbadi e) Wrestling f) Cricket	2005
			3. Proficiency in Athletics and Games based on Performance recognized by AIU. Athletics Events : One Jump, One Throw, One Sprint, One Middle Distance Race and One Hurdle. Games : (As per the Choice of each Student)	2005
			15 supervised lessons in nearby schools/ in the department itself.	2005
			Note Book (Teaching Practice)	2005
2812	M.Sc. (FYIP) (CBEGS) Physics	PCL-1011	Mechanics	1979
		PCL-1012	Thermal Physics	1979
		MTL-1035	Mathematics-I	1979
		CHL-1091	Organic Chemistry	1979
		ENL-1001	Comm. English-I	1979
		PBL-1021	Punjabi Compulsory-I	1979
		PBL-1022	Mudhli Punjabi-I	1979
		HSL-4060	Punjab History & Culture	1979
		PCP-1013	Physics Lab-I	1979
		CHP-1091	Qualitative Organic Analysis	1979
		PCL -1021	Electricity & Magnetism	1979
		PCL -1022	Waves & Oscillations	1979
		PCP-1023	Physics Lab-II	1979
		MTL-1036	Mathematics-II	1979
		CHL-1092	Inorganic Chemistry	1979
		CHP-1092	Inorganic Chemistry Lab	1979
		ENL-1051	Communicative English-II	1979
		PBL1031	Punjabi-II (Compulsory)-II	1979
		PBL1032	Mudhli Punjabi-II	1979
		HSL5020	Punjab History & Culture (1717-1947)	1979
		PCL-2011	Optics	1979
		PCL-2012	Electromagnetic Theory	1979
		PCL-2013	Mathematics-III	1979
		PCP-2014	Physics Lab-III	1979
		CHL-2091	Physical Chemistry	1979
		CHP-2091	Physical Chemistry (Practicals)	1979
		PCL-2021	Analog Systems & Applications	1979
		PCL-2022	Elements of Modern Physics	1979
		PCP-2024	Physics Lab-IV	1979
		PCL-2023	Special Theory of Relativity	1979
		CHL-2092	Introduction to Molecular Spectroscopy	1979
		CHP-2092	Quantitative Estimation Methods	1979
		PCL-3011	Digital Systems & Applications	1979
		PCL-3012	Fabrication of Electronic devices	1979
		PCL-3013	Spectroscopy	1979
		PCP-3014	Physics Lab-V	1979
		PCP-3015	Physics Lab-VI	1979
		PCL-3016	Classical &Statistical Mechanics	1979

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		PCL-3021	Solid State Physics	1979
		PCL-3022	Basic Quantum Mechanics	1979
		PCP-3025	Physics Lab-VII	1979
		PCP-3026	Physics Lab-VIII	1979
		PCL-3023	Nuclear & Particle Physics	1979
		PCL-3024	Numerical Analysis & Computer Programming	1979
		PCL-4015	Analog and Digital Electronics	1979
		PCL-4016	Mathematical Physics	1979
		PCL-4017	Classical Mechanics	1979
		PCL-4018	Quantum Mechanics-I	1979
		PCP-4019	Physics Lab-IX	1979
		PCP-4020	Physics Lab-X	1979
		PCL-4019	Quantum Mechanics-II	1979
		PCL-4020	Condensed Matter Physics-I	1979
		PCD-4021	Project	1979
		PCL-4021	Materials Synthesis & Characterization	1979
		PCL-4026	Computational Techniques	1979
		PCP-4017	Physics Lab- XI	1979
		PCL-5006	Statistical Mechanics	1979
		PCL-5007	Electrodynamics-I	1979
		PCL-5008	Condensed Matter Physics-II	1979
		PCL-5009	Atomic and Molecular Spectroscopy	1979
		PCP-5008	Physics Lab-XII	1979
		PCP-5009	Physics Lab-XIII	1979
		PCL-5071	Electrodynamics-II	1979
		PCL-5072	Nuclear Physics	1979
		PCP-5071	Physics Lab-XIV	1979
		PCP-5072	Physics Lab-XV	1979
2832	M.Sc. Physics (Two Year Programme)	PCL-4011	Condensed Matter Physics-I	1979
		PCL-4012	Atomic and Molecular Spectroscopy	1979
		PCL-4013	Electrodynamics-I	1979
		PCL-4014	Quantum Mechanics-I	1979
		PCP-4015	Physics Lab-XV	1979
		PCP-4016	Physics Lab-XVI	1979
		PCL-4021	Condensed Matter Physics-II	1979
		PCL-4024	Electronic Devices & Circuits	1979
		PCL-4023	Computational Methods	1979
		PCL-4022	Synthesis & Characterization of Materials	1979
		PCP-4021	Physics Lab- XVII	1979
		PCP-4022	Physics Lab-XVIII	1979
		PCL-5001	Nuclear Physics	1979
		PCL-5002	Mathematical Physics	1979
		PCL-5003	Classical Mechanics	1979
		PCL-5004	Statistical Mechanics	1979
		PCP-5012	Physics Lab-XIX	1979
		PCP-5013	Physics Lab-XX	1979
		PCL-5041	Electrodynamics-II	1979
		PCL-5042	Quantum Mechanics-II	1979
		PCL-5043	Particle Physics	1979
		PCD-5044	Project	1979
2807	Master of Technology (Transport Planning)	STL 5001	Fundamentals of Transport Planning	2023-24
		STL 5002	Transportation Planning	2023-24
		STL 5003	Road Geometry and Intersection Design	2023-24
		STL 5004	Land Use and Transportation Planning	2023-24
		STL 5005	Transport Project Management	2023-24
		STU 5030	CAD and GIS	2023-24
		STU 5031	Transport Management Plan	2023-24
		STL 5051	Research Methodology for Transportation Projects	2023-24
		STL 5052	Transport Policy, Legislation and Institutional Framework	2023-24
		STL 5053	Professional Practice	2023-24
		STL5056	Fundamentals of Information Technology and Programming using PYTHON	2023-24
		STL 5054	Transport and Environment (Elective)	2023-24
		STL 5055	Intelligent Transport System (Elective)	2023-24
		STU 5080	Study of Town	2023-24
		STU 5081	Master Plan	2023-24
		SOL 1006	Drug Abuse: Problem, Management and Prevention	2023-24
		STE 6015	Internship (8 weeks)	2023-24
		STL 6001	Transport Economics	2023-24
		STL 6002	Transport Infrastructure Financing	2023-24
		STL 6003	Transport Modelling	2023-24
		STL 6004	Non-Motorized Transport (Elective)	2023-24
		STL 6005	Road Safety (Elective)	2023-24
		STE 6015	Internship	2023-24
		STU 6030	Comprehensive Mobility Plan	2023-24
		STU 6031	Feasibility of Transport Project/s	2023-24
		STD 6040	Thesis Synopsis	2023-24
		PSL0059	Human Rights and Constitutional Duties	2023-24
		ESL2020	Environmental Studies	2023-24
		STL 6051	Public Transport Systems	2023-24
		STL 6052	Regional Transport Planning	2023-24
		STL 6053	Logistics and Freight Distribution (Elective 1)	2023-24
		STL 6054	Rail Transportation Systems Planning and Design (Elective 1)	2023-24
		STL 6055	Airport System Planning and Design (Elective 2)	2023-24
		STL 6056	Inland Navigation and Water Transport (Elective 2)	2023-24
		STD 6090	Thesis	2023-24
		EDL0010	Universal Human Values-II: Understanding Harmony	2023-24

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course		
2806	Master of Technology (Infrastructure Planning)	SIL 5001	Infrastructure Planning History and Theory	2023-24		
		SIL 5002	Transport Infrastructure	2023-24		
		SIL 5003	Planning for Utilities and Infrastructure	2023-24		
		SIL 5004	Principles & Techniques of Infrastructure Planning	2023-24		
		SIL 5005	Infrastructure Project Management	2023-24		
		SIU 5030	CAD and GIS	2023-24		
		SIU 5031	Infrastructure Appraisal & Plan	2023-24		
		SIL 5051	Research Methodology for Infrastructure Projects	2023-24		
		SIL 5052	Legislation for Infrastructure	2023-24		
		SIL 5053	Housing Infrastructure (Elective)	2023-24		
		SIL 5054	Transport System and Policies (Elective)	2023-24		
		SIL5056	Fundamentals of Information Technology and Programming using PYTHON	2023-24		
		SIL 5055	Professional Practice	2023-24		
		SIU 5080	Town Study	2023-24		
		SIU 5081	Master Plan	2023-24		
		SOL1006	Drug Abuse: Problem, Management and Prevention	2023-24		
		SIE 6015	Internship (8 weeks)	2023-24		
		SIL 6001	Infrastructure for Regional Development	2023-24		
		SIL 6002	Infrastructure Pricing and Finance	2023-24		
		SIL 6003	Infrastructure Development and Governance	2023-24		
		SIL 6004	Environment Planning and Management (Elective)	2023-24		
		SIL 6005	Metropolitan Planning (Elective)	2023-24		
		SIE 6015	Internship	2023-24		
		SID 6040	Thesis Synopsis	2023-24		
		SIU 6030	Regional Infrastructure Plan	2023-24		
		SIU 6031	Feasibility Analysis of Infrastructure Project/s	2023-24		
		PSL0059	Human Rights and Constitutional Duties	2023-24		
		ESL2020	Environmental Studies	2023-24		
		SIL 6051	Infrastructure Policies	2023-24		
		SIL 6052	Infrastructure Development Models	2023-24		
		SIL 6053	Community Participation in Planning (Elective 1)	2023-24		
		SIL 6054	International Policies & Development (Elective 1)	2023-24		
		SIL6055	Planning for Tourism Infrastructure (Elective 2)	2023-24		
		SIL 6056	Disaster Management and Infrastructure Planning (Elective 2)	2023-24		
		SID 6090	Thesis	2023-24		
		EDL0010	Universal Human Values-II: Understanding Harmony	2023-24		
		2804	M. Tech. (FYIP) (Urban & Regional Planning)	SBL 1001	History of Planning	2023-24
				SBL 1002	Fundamentals of Architecture and Building Construction	2023-24
				ENL 1001	Communicative English – I	2023-24
				PBL-1021/ PBL-1022/ HSL 4060	Punjabi Compulsory/ !w[ZYbh gzikph/ **Punjab History & Culture	2023-24
				SOL 1006	Drug Abuse: Problem, Management and Prevention	2023-24
				SBU 1030	Computer Fundamentals in Planning	2023-24
				SBU 1031	Map Graphics & Presentation Techniques	2023-24
SBL 1051	Fundamentals of Planning			2023-24		
SBL 1052	Techniques of Planning			2023-24		
ENL 1051	Communicative English – II			2023-24		
PBL-1031/ PBL-1032/ HSL 5020	Punjabi Compulsory-II/ *mu-FII pMjwbl-II/ **Punjab History & Culture			2023-24		
PSL 0059	Human Rights and Constitutional Duties			2023-24		
SBU 1080	Area Appreciation (Urban)			2023-24		
SBU 1081	Area Appreciation (Rural)			2023-24		
SBL 2001	Planning Theory			2023-24		
SBL 2002	Transportation Engineering			2023-24		
SBL 2003	Planning for Utilities			2023-24		
ESL 2020	Environmental Studies			2023-24		
SBU 2030	Local Area Plan (Urban)			2023-24		
SBU 2031	Geo-informatics and Data Analytics			2023-24		
SBL 2051	Transportation Planning			2023-24		
SBL 2052	Elements of Statistics			2023-24		
SBL 2053	Surveying			2023-24		
SBL 2054	Economics and Geography in Planning			2023-24		
SBL 2056	Fundamentals of Information Technology and Programming using PYTHON			2023-24		
SBU 2080	Local Area Plan (Rural)			2023-24		
SBU 2081	Traffic Management Plan			2023-24		
SBL 3001	Planning Legislation			2023-24		
SBL 3002	Heritage and Conservation			2023-24		
SBL 3003	Housing			2023-24		
SBL 3004	Urban Design and City Aesthetics			2023-24		
SBU 3030	Study of a Town			2023-24		
SBU 3031	Preparation of Master Plan			2023-24		
SBL 3051	Regional Planning			2023-24		
SBL 3052	Estimation, Specification and Valuation			2023-24		
SBL 3053	Landscape Planning and Design			2023-24		
SBL 3054	Planning for Informal Sector (Elective)			2023-24		
SBL 3055	Planning for Special Areas (Elective)			2023-24		
SBU 3080	Study of a Region			2023-24		
SBU 3081	Preparation of Regional Plan			2023-24		
SBE 4015	Internship (8 weeks)			2023-24		
SBL 4001	Project Management			2023-24		
SBL 4002	Rural Habitat Planning			2023-24		
SBL 4003	Governance and Finance	2023-24				
SBD 4004	Dissertation Preliminaries*	2023-24				
SBD 4005	Case Study Report*	2023-24				
SBE 4015	Internship* ( 8 Weeks)	2023-24				

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		SBU 4030	Appraisal of Implemented Projects	2023-24
		SBU 4031	Detailed Project Report	2023-24
		SBL 4051	Research Methodology	2023-24
		SBL 4052	Professional Practice	2023-24
		SBL 4053	Metropolitan Planning	2023-24
		SBL 4054	Climate Change and Sustainable Development (Elective)	2023-24
		SBL 4055	Disaster Management (Elective)	2023-24
		EDL0010	Universal Human Values II: Understanding Harmony	2023-24
		SBD 4090	Planning Dissertation	2023-24
		SBU 4080	Environmental Impact Assessment Study*	2023-24
		SBU 4081	Environmental Management Plan*	2023-24
		SBE 4056	Internship (8 weeks) to be conducted during summer vacations	2023-24
		SBL 5001	Environment Planning and Management	2023-24
		SBL 5002	Infrastructure for Regional Development (Elective -I)	2023-24
		SBL 5003	Road Safety (Elective -I)	2023-24
		SBL 5004	Mega Projects (Elective -II)	2023-24
		SBL 5005	Public Policy (Elective -II)	2023-24
		SBD 5006	Thesis Synopsis	2023-24
		SBU 5030	Special Plans for Urban & Regional Areas	2023-24
		SBU 5031	Feasibility of Urban & Regional Project/s	2023-24
		SBL 5051	Land Economics	2023-24
		SBL 5052	International Policies & Development	2023-24
		SBL 5053	Community Participation in Planning (Elective)	2023-24
		SBL 5054	Planning for Tourism (Elective)	2023-24
		SBD 5090	Thesis	2023-24
2805	Master of Technology (Urban Planning)	SUL 5001	Planning History and Theory	2023-24
		SUL 5002	Transportation Planning	2023-24
		SUL 5003	Planning for Utilities	2023-24
		SUL 5004	Principles & Techniques of Planning	2023-24
		SUL 5005	Urban Project Management	2023-24
		SUU 5030	CAD and GIS	2023-24
		SUU 5031	Local Area Planning	2023-24
		SUL 5051	Research Methodology for Urban Projects	2023-24
		SUL 5052	Urban Planning Legislation	2023-24
		SUL 5053	Housing	2023-24
		SUL 5054	Professional Practice	2023-24
		SUL 5056	Fundamentals of IT & Programming using Python	2023-24
		SUU 5080	Study of Town	2023-24
		SUU 5081	Master Plan	2023-24
		SOL1006	Drug Abuse: Problem, Management and Prevention	2023-24
		SUE 6015	Internship (8 weeks)	2023-24
		SUL 6001	Metropolitan Planning	2023-24
		SUL 6002	Urban Governance	2023-24
		SUL 6003	Environment Planning and Management (Elective 1)	2023-24
		SUL 6004	Mega Projects (Elective 1)	2023-24
		SUL 6005	Heritage & Conservation (Elective 2)	2023-24
		SUL 6006	Development Finance (Elective 2)	2023-24
		SUE 6015	Internship	2023-24
		SUD 6040	Thesis Synopsis	2023-24
		SUU 6030	Special Plans for Urban Areas	2023-24
		SUU 6031	Feasibility of Urban Project/s	2023-24
		PSL0059	Human Rights and Constitutional Duties	2023-24
		ESL2020	Environmental Studies	2023-24
		SUL 6051	Urban Land Economics	2023-24
		SUL 6052	Urban Design Policy (Elective 1)	2023-24
		SUL 6053	Landscape Planning and Design (Elective 1)	2023-24
		SUL 6054	Community Participation in Planning (Elective 2)	2023-24
		SUL 6055	International Policies & Development (Elective 2)	2023-24
		SUL 6056	Planning for Tourism (Elective 3)	2023-24
		SUL 6057	Disaster Management (Elective 3)	2023-24
		SUD 6090	Thesis	2023-24
		EDL0010	Universal Human Values-II: Understanding Harmony	2023-24
2740	M.A Political Science	PSL4031	WesternPoliticalThought	2023
		PSL4032	InternationalRelations:Conceptsand Theories	2023
		PSL4033	ModernPoliticalAnalysisandComparative Politics	2023
		PSL4034	Political Sociology	2023
		PSL4035	IndianPoliticalSystem	2023
		PSL4041	WesternPoliticalThought	2023
		PSL4042	Issuesin IndianPolitics	2023
		PSL4043	InternationalPolitics:IssuesandTrends	2023
		PSL4044	IndianPoliticalThought:Thinkersand Themes	2023
		PSL4045	PublicAdministration:TheoryandPractice	2023
		PSL-502	Global Political Economy: Major Perspectives and Structures	2021
		PSL-505	Government and Politics of South Asian Countries	2021
		PSL-514	Punjab Politics	2021
		PSL-515	Social Sciences Research: Methods and Techniques	2021
		PSL-516	International Law: Concepts and Practice	2021
		PST-522	Presentation	2021
		PSL-523	Contemporary Issues in Politics	2021
		PSL-507	Recent Political Theory	2021
		PSL-509	Foreign Policy of India	2021
		PSL-513	Theory and Practice of Human Rights	2021
		PSL-519	Indian Political Thought: Thinkers and Themes	2021
		PSL-520	Major Political Systems: UK, USA, China and Switzerland	2021
		PST-524	Presentation	2021
2792	M.A Public Policy and Governance	PPL4031	IntroductiontoPublicPolicy	2023
		PPL4032	IntroductiontoGovernance	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		PPL4033	PublicPolicyTheory	2023
		PPL4034	PublicAdministration	2023
		PPL4035	ConstitutionofIndia:PublicPolicy Perspective	2023
		PPL4041	PublicPolicy Process	2023
		PPL4042	ComparativePublicPolicy	2023
		PPL4043	PublicPolicy Systemin India	2023
		PPL4044	PublicPolicy:Internationaland Regional organization	2023
		PPL4045	ResearchMethodsInSocialSciences	2023
		PPL501	PUBLIC POLICY: CASE STUDIES I	2021
		PPL502	ETHICS AND PUBLIC POLICY	2021
		PPL503	ADMINISTRATIVE THINKERS-I	2021
		PPL504	HUMAN RESOURCE ADMINISTRATION	2021
		PPL505	CIVIL SERVICES IN INDIA	2021
		PPD 506	Dissertation	2021
		PPL-507	ADMINISTRATIVE THINKERS – II	2021
		PPL-508	E- GOVERNANCE	2021
		PPL-509	PUBLIC POLICY: CASE STUDIES II	2021
		PPL-510	PUBLIC FINANCIAL GOVERNANCE IN INDIA	2021
		PPL-511	PUBLIC POLICY ANALYSIS	2021
		PPL514	Public Policy and Human Rights	2021
7241	Master of Arts (Psychology) (Semester System) (CBEGS)	PYL 4010	Statistical Techniques in Psychology	1970
		PYL 4011	Group Dynamics	1970
		PYL 4012	Experimental Psychology	1970
		PYL 4013	Theories and Systems of Psychology	1970
		PYL 4014	Research Methodology	1970
		PYL 4015	Approaches to Personality	1970
		PYP 4019	Practicals	1970
		PYL 4031	Physiological Psychology	1970
		PYL 4032	Motivation and Emotions	1970
		PYL 4033	Perceptual Processes	1970
		PYL 4034	Psychological Assessment	1970
		PYL 4035	Abnormal Psychology	1970
		PYP 4038	Field Work	1970
		PYP 4039	Practicals	1970
		PYL 444	Counselling Psychology	1970
		PYL 445	Clinical Psychology	1970
		PYL 446	Applied Social Psychology	1970
		PYL 447	Cognitive Psychology	1970
		PYL 448	Psychology of Exceptional Children	1970
		PYL 451	Psychological Assessment	1970
		PYL 452	Experimental Designs	1970
		PYL 453	Life Span Developmental Psychology	1970
		PYP 459	Field Work	1970
		PYL 460	Practicals	1970
		PYL 464	Health Psychology	1970
		PYL 465	Positive Psychology	1970
		PYL 466	Intelligence and Creativity	1970
		PYL 468	Environmental Psychology	1970
		PYL 469	Educational Psychology	1970
		PYL 471	Applied Psychology	1970
		PYL 472	Psychometrics	1970
		PYL 472	Industrial and Organizational Psychology	1970
		PYP 480	Practicals	1970
1712	B.A. (Hons.School) Punjabi	PBL 101	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ- * (ਭ)	1979
		PBL 104	ਪੰਜਾਬੀ ਨਾਟਕ ਤੇ ਰੰਗਮੰਚ (ਭ)	1979
		PBL 109	ਪੰਜਾਬੀ ਨਾਵਲ (ਭ)	1979
		PBL 110	ਫੰਡਾਮੈਂਟਲਜ਼ ਆਫ ਕੰਪਿਊਟਰ ਐਪਲੀਕੇਸ਼ਨਜ਼ (ਭ)	1979
		ENL 102	ਅੰਗਰੇਜ਼ੀ (ਭ)	1979
		HSL 111	ਇਤਿਹਾਸ : ਮੱਧਕਾਲੀਨ ਪੰਜਾਬ ਦਾ ਇਤਿਹਾਸ (1469-1708) (ਭ)	1979
		PBL 105	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ- * (ਭ)	1979
		PBL 106	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਹਾਣੀ (ਭ)	1979
		PBL 107	ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ (ਭ)	1979
		PBL 108	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ- * (ਭ)	1979
		HSL 112	ਇਤਿਹਾਸ : ਮੱਧਕਾਲੀਨ ਪੰਜਾਬ ਦਾ ਇਤਿਹਾਸ (1708-1849) (ਭ)	1979
		ENL 152	ਅੰਗਰੇਜ਼ੀ (ਭ)	1979
		PBL 202	ਪੰਜਾਬੀ ਲੋਕਧਾਰਾ (ਭ)	1979
		PBL 203	ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤ ਤੇ ਗੁਰਮੁਖੀ ਔਰਥੋਗਰਾਫੀ (ਭ)	1979
		PBL 204	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ- * (ਭ)	1979
		ENL 202	ਅੰਗਰੇਜ਼ੀ (ਭ)	1979
		ESL 220	ਬਾਇਓਲੋਜੀਅਲ ਡਿਜ਼ਾਈਨ (ਭ)	1979
		PBL 211	ਸੋਸ਼ਿਆਲੋਜੀ (ਭ)	1979
		PBL 205	ਪੰਜਾਬੀ ਵਿਆਕਰਨ (ਭ)	1979
		PBL 206	ਪਾਕਿਸਤਾਨੀ ਪੰਜਾਬੀ ਸਾਹਿਤ (ਭ)	1979
		PBL 208	ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ* (ਭ)	1979
		ENL 252	ਅੰਗਰੇਜ਼ੀ (ਭ)	1979
		PBL 212	ਸੋਸ਼ਿਆਲੋਜੀ (ਭ)	1979
		PBL 301	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਇਤਿਹਾਸ (ਭ)	1979
		PBL 302	ਪਰਵਾਸੀ ਪੰਜਾਬੀ ਸਾਹਿਤ (ਭ)	1979
		PBL 303	ਗੁਰਮਤਿ ਕਾਵਿ (ਭ)	1979
		PBL 304	ਪੰਜਾਬੀ ਸੂਫੀ ਕਾਵਿ (ਭ)	1979
		HSL 311	ਇਤਿਹਾਸ : ਆਧੁਨਿਕ ਪੰਜਾਬ ਦਾ ਇਤਿਹਾਸ (1849-1919) (ਭ)	1979
		PBL 311	ਸੋਸ਼ਿਆਲੋਜੀ (ਭ)	1979
		PBL 307	ਪੰਜਾਬੀ ਆਲੋਚਨਾ (ਭ)	1979
		PBL 308	ਤਿੱਸਾ ਤੇ ਬੀਰ ਕਾਵਿ (ਭ)	1979
		PBL 309	ਪੰਜਾਬੀ ਵਾਰਤਕ (ਭ)	1979
		HSL 312	ਇਤਿਹਾਸ : ਆਧੁਨਿਕ ਪੰਜਾਬ ਦਾ ਇਤਿਹਾਸ (1919-1966) (ਭ)	1979
		PBL 312	ਸੋਸ਼ਿਆਲੋਜੀ (ਭ)	1979

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
2742	M.A. Punjabi	PBL 313	ਸਾਹਿਤ ਸਿਧਾਂਤ ਅਤੇ ਆਲੋਚਨਾ (ਭ)	1979
		PBL 451	ਸਾਹਿਤ ਸਿਧਾਂਤ ਅਤੇ ਕਾਵਿ ਸ਼ਾਸਤਰ (ਭ)	1972
		PBL 452	ਗੁਰਮਤਿ ਸਾਹਿਤ (ਭ)	1972
		PBL 453	ਲੋਕਧਾਰਾ ਅਤੇ ਪੰਜਾਬੀ ਲੋਕਧਾਰਾ (ਭ)	1972
		PBL 454	ਮੋਹਕਾਲੀਨ ਪੰਜਾਬੀ ਬਿਰਤਾਂਤ ਕਾਵਿ (ਭ)	1972
		PBL 455	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਵਿਤਾ (ਭ)	1972
		PBL 456*	ਸਭਿਆਚਾਰ ਸ਼ਾਸਤਰ (ਥ)	1972
		PBL 457*	ਕੋਸ਼ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ (ਥ)	1972
		PBL 458*	ਤੁਲਨਾਤਮਕ ਭਾਰਤੀ ਸਾਹਿਤ (ਥ)	1972
		PBL 461	ਖੋਜ ਅਤੇ ਪੰਜਾਬੀ ਆਲੋਚਨਾ (ਭ)	1972
		PBL 462	ਸਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ (ਭ)	1972
		PBL 463	ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ- (ਭ)	1972
		PBL 464	ਪੰਜਾਬੀ ਸੂਫੀ ਸਾਹਿਤ (ਭ)	1972
		PBL 465*	ਗੁਰੂ ਨਾਨਕ ਬਾਣੀ (ਥ)	1972
		PBL 466*	ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਕਾਵਿ : ਵਿਸ਼ੇਸ਼ ਅਧਿਐਨ (ਥ)	2017
		PBL 467*	ਟੁਰਿਜ਼ਮ ਅਤੇ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ (ਥ)	2017
		PBL 551	ਭਗਤ-ਬਾਣੀ (ਭ)	1972
		PBL 552	ਪੰਜਾਬੀ ਵਾਰਤਕ- (ਭ)	1972
		PBL 553	ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ- (ਭ)	1972
		PBL 554	ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਨਿੱਕੀ ਕਹਾਣੀ (ਭ)	1972
		PBL 555	ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਕੰਪਿਊਟਰ ਐਪਲੀਕੇਸ਼ਨ (ਭ)	2017
		PBL 556	ਵਿਸ਼ਵ ਕਲਾਸਿਕੀ ਸਾਹਿਤ (ਭ)	1972
		PBL 557*	ਪੰਜਾਬੀ ਪੱਤਰਕਾਰੀ (ਥ)	2017
		PBL 558*	ਪ੍ਰੋ. ਪੂਰਨ ਸਿੰਘ : ਵਿਸ਼ੇਸ਼ ਅਧਿਐਨ (ਥ)	2017
		PBL 561	ਪੰਜਾਬੀ ਨਾਵਲ (ਭ)	1972
		PBL 562	ਪੰਜਾਬੀ ਨਾਟਕ ਅਤੇ ਇਕਾਗਰੀ (ਭ)	1972
		PBL 563	ਪੰਜਾਬੀ ਵਾਰਤਕ- (ਭ)	2017
PBL 564	ਪਰਵਾਸੀ ਅਤੇ ਪਾਕਿਸਤਾਨੀ ਪੰਜਾਬੀ ਸਾਹਿਤ (ਭ)	1972		
PBL 565*	ਭਾਸ਼ਾ ਵਿਗਿਆਨ : ਵਿਹਾਰਕ ਅਧਿਐਨ (ਥ)	1972		
PBL 566*	ਨਾਨਕ ਸਿੰਘ : ਵਿਸ਼ੇਸ਼ ਅਧਿਐਨ (ਥ)	2017		
PBL 567	ਲੋਕਧਾਰਾ ਵਿਗਿਆਨ (ਭ)	1972		
1067	BACHELOR OF PHYSIOTHERAPY	Annual Programme	Anatomy	1998
		---	Physiology	1998
		---	Biochemistry	1998
		---	Electrotherapy – I	1998
		---	Exercise Therapy – I	1998
		---	Sociology & Community Health	1998
		---	Punjabi Compulsory OR *Basic Punjabi (mu' FII pMjwbl) OR *Punjab History and Culture (Earliest Times to 1000 A.D.)	2007
		---	** Drug Abuse: Problem, Management and Prevention (Compulsory Paper)	2007/2020
		---	Pathology & Microbiology	2018
		---	Pharmacology	1998
		---	Electrotherapy – II	1998
		---	Exercise therapy – II	1998
		---	Biomechanics	1998
		---	Psychology	1998
		---	**ESL-221:Environmental Studies (Compulsory Paper)	1998
		---	Orthopaedics	2008
		---	General Medicine	1998
		---	PT in Orthopedic Condition	1998
		---	PT in Medical Condition – I	1998
		---	Research Methodology and Biostatistics	1998
		---	Neurology	1998
		---	General Surgery	1998
		---	Community Physiotherapy & Rehabilitation	1998
		---	Pediatrics & Geriatrics	1998
		---	PT in Medical Conditions – II	1998
		---	PT in Surgical Conditions	1998
		---	Rehabilitation, Organization and Administration	1998
---	Computer Applications	1998		
---	Clinical Training	1998		
2760	Masters in Physiotherapy (Orthopedics)	OPL5001	Basic Medical Science & Conditions	2018
		OPL5002	Human Kinesiology	2018
		OPL5003	Assessment & Diagnosis of Orthopedic Conditions	2018
		OPL5004	Research Methodology & Biostatistics	2018
		OPP5011	Clinical Training-I	2018
		OPL5051	Applied Clinical Sciences	2018
		OPL5052	Human Biomechanics	2018
		OPL5054	Physiotherapy in Traumatic Orthopedic Conditions	2018
		OPL5055	Physiotherapy Methods-I	2018
		OPP5061	Clinical Training-II	2018
		OPD5062	Dissertation-I	2018
		PSL0059	Human Rights and Constitutional Duties	2023
		OPL6002	Anthropometry	2018
		OPL6003	Work Physiology	2018
		OPL6004	Physiotherapy in Non-Traumatic Orthopedic Conditions	2018
		OPL6005	Physiotherapy Methods-II	2018
		OPP6011	Clinical Training-III	2018
		OPD6012	Dissertation-II	2018
		SOL1006	Drug Abuse: Problem, Prevention and Management	2023
		ESL2020	Environmental Studies	2023
		OPL6051	Spinal & Peripheral Orthopedic Physiotherapy	2018
		OPL6052	Physiotherapy approach to Gait & Posture	2018
		OPL6053	Orthopedic Rehabilitation & Ethical Principles	2018
		OPL6055	Recent Trends in Orthopedic And Geriatric Physiotherapy	2018
		OPP6061	Clinical Training-IV	2018

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		OPD6062	Dissertation-III	2018
		EDL0010	Universal Human Values-II: Understanding Harmony	2023
2744	M.A. Sanskrit	SKL4051	Grammar	2018-19
		SKL4052	Vedic Sukt and Devata	2018-19
		SKL4053	History of Sanskrit Literature	2011-12
		SKL4054	Drama	2011-12
		SKL4055	Sanskrit Poetics	2018-19
		SKL4056	Linguistics	2018-19
		SKL4057	Grammar	2018-19
		SKL4058	Grammar	2018-19
		SKL4059	Sanskrit Poetics	2018-19
		SKL4060	Upanishad	2018-19
		SKL4061	Prose	2018-19
		SKL4062	Nirukt	2018-19
		SKL4063	History of Sanskrit Literature	2018-19
		SKL501	Karak Prakaran	2019-20
		SKL502	Epics	2019-20
		SKL503	Arth Shastra	2019-20
		SKL504	Sanskrit Poetics	2019-20
		SKL505	Indian Philosophy	2019-20
		SKL506	Modern Sanskrit Literature	2019-20
		SKL516	Kalidas Ke Mahakavya	2021-22
		SKL507	Laghusiddhant Kaumudi	2019-20
		SKL508	Epics	2019-20
		SKL509	Vedant tatha Vedang	2019-20
		SKL510	History of Sanskrit Poetics	2019-20
		SKL511	Mahabhashya evam Rachananuvad	2019-20
		SKL512	Natak	2019-20
		SKL513	Astik Darshan	2021-22
1744	BA Social Sciences (4 Years Programme)	SSL 1051	Political Concept	2023
		SSL 1052	History of India Up to A.D.1000	2023
		SSL 1053	Fundamentals of Sociology-I	2023
		SSL 1054	Micro Economics	2023
		SSL 1055	Physical Geography Of India and World -I (Geomorphology)	2023
		SSL 1056	History and Schools of Psychology	2023
		ENL 1001	Communicative English-I	2023
		PBL 1021	ਪੰਜਾਬੀ ਭਾਸ਼ਾ	2023
		PBL 1022	Basic Punjabi	2023
		HSL 4060	Punjab History and Culture	2023
		SSL 1070	Cultural Heritage of India	2023
		SOL 1006	Drug Abuse: Problem Management and Prevention	2023
		SSP 1090	Term Paper	2023
		SSL 1061	Political Theory	2023
		SSL 1062	History of India(AD1000-1750)	2023
		SSL 1063	Fundamental of Sociology-II	2023
		SSL 1064	Macro Economics	2023
		SSL 1065	Physical Geography of India and World-II (Climatology and Oceanography)	2023
		SSL 1066	Basic Psychological Processes	2023
		MD	Multi- disciplinary	2023
		ENL 1051	Communicative English-II	2023
		PBL 1031	ਪੰਜਾਬੀ ਭਾਸ਼ਾ	2023
		PBL 1032	Basic Punjabi	2023
		HSL 5020	Punjab History and Culture	2023
		SSL 1071	Economic Issues	2023
		PSL 0059	Human Rights and Constitutional Duties	2023
		SSP 1091	Term Paper	2023
		SSL 201	Western Political Thought Political Science (Major)	2003
		SSL 202	Indian Political System Political Science (Minor)	2003
		SSL 205	Society and Culture of India Upto A.D.1206 History (Major)	2003
		SSL 206	History of India (AD 1750-1885) History (Minor)	2003
		SSL 207	Sociology of Media and Cultural Studies Sociology (Major)	2003
		SSL 219	Society in India Sociology (Minor)	2003
		SSL 121	Statistical Methods in Economics Economics (Major)	2003
		SSL 223	Money and Banking Economics (Minor)	2003
		SSL 337	General Studies-III: Indian Economy and Mental Ability	2003
		ESL220	Environmental Studies (Compulsory ID Course)	2003
		SSP 363	Term Paper T 3	2003
		SSL 212	Indian Political Thought Political Science (Major)	2003
		SSL 213	Foreign Policy of India Political Science (Minor)	2003
		SSL 216	Economy, Society & Culture of India (A.D. 1206-1707) History (Major)	2003
		SSL 217	History of India (A.D. 1885-1947) History (Minor)	2003

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		SSL 218	Contemporary Punjab Sociology (Major)	2003
		SSL 208	Social Institutions Sociology (Minor)	2003
		SSL 224	Mathematics for Economists Economics (Major)	2003
		SSL225	Economics of Development & Planning Economics (Minor)	2003
		SSL338	General Studies-IV : Ethics and Governance	2003
		PSL-057	Compulsory ID Course (Human Rights and Constitutional Duties )	2003
		SSP 364	Term Paper T 4	2003
		SSL 301	Contemporary Political Theory Political Science (Major)	2003
		SSL 302	Theory of International Politics Political Science (Minor)	2003
		SSL 305	Economy, Society & Culture of India (AD1707-1857) History (Major)	2003
		SSL 306	History of Punjab (AD 1469-1849) History (Minor)	2003
		SSL 307	Social Thought Sociology (Major)	2003
		SSL 308	Social Change and Development Sociology (Minor)	2003
		SSL 303	International Economics Economics (Major)	2003
		SSL 304	Indian Economy Economics (Minor)	2003
		SSL339	General Studies-V: Biology & Environment and Everyday Science	2003
		SSP 365	Term Paper T5	2003
		SSL 314	Comparative Politics Political Science (Major)	2003
		SSL 315	International Relations Since World War-II Political Science (Minor)	2003
		SSL 318	Economy And Society of India (AD 1858-1950) History (Major)	2003
		SSL 319	The World History (AD 1500-1991) History (Minor)	2003
		SSL 320	Contemporary Sociological Theories Sociology (Major)	2003
		SSL 321	Sociology of Disorganization Sociology (Minor)	2003
		SSL 316	Econometrics Economics (Major)	2003
		SSL 317	Fiscal Economics Economics (Minor)	2003
		SSL 340	General Studies-VI : Current Affairs and Social Issues	2003
		SSP 366	Term Paper T6	2003
2772	MA International Relations	SSL-4026	Theories of International Relations	2023
		SSL-4027	Foreign Policy Analysis	2023
		SSL-4028	International Economic Relations	2023
		SSL-4029	Theories of Comparative Politics and Political Systems	2023
		SSL-4030	International Relations Thinkers	2023
		VAC	Drug Abuse: Problem Management and Prevention	2023
		VAC	Environmental Studies	2023
		SSP 4021	Term Paper - I	2023
		SSL 4031	Diplomacy	2023
		SSL-4032	India's Foreign Policy	2023
		SSL-4033	South East Asia Foreign Relations	2023
		SSL-4034	Politics of South Asia	2023
		SSL-4035	Politics of Post Soviet Central Asia	2023
		VAC	Human Rights and Constitutional Duties	2023
		SSP-4022	Term Paper - II	2023
		SSL-641	Conflict and Conflict Resolution	2019
		SSL-662	West Asia in International Relations	2019
		SSL-643	International Law	2019
		SSL-644	Contemporary Issues in World Politics	2019
		SSL-645	Politics of Post-Soviet Central Asia	2019
		SSL-656	War in International Relations	2019
		SSP-653	Term Paper-III	2019
		SSL-646	Security Studies	2019
		SSL-665	Human Rights and International Debates	2019
		SSL-648	Globalization and Its Critiques	2019

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		SSL-649	Research Methodology	2019
		SSL-660	South East Asia Foreign Relations	2019
		SSL-652	Dissertation & Viva	2019
		SSP-654	Term Paper-IV	2019
2745	M.A. (Sociology)	SOL 4051	Classical Sociological Tradition	2011
		SOL 4052	Methodology of Social Research	2011
		SOL 4053	Formulation of the Problem and Designing of	2011
		SOP 4054	Marriage and Family in Contemporary Society	2011
		SOL 4055	Gender and Society	2011
		SOL 4056	Rural Studies	2011
		SOL 4061	Theoretical Perspectives in Sociology	2011
		SOL 4062	Techniques of Social Research	2011
		SOP 4063	Developing Research Tools	2011
		SOL 4064	Sociology of Development	2011
		SOL 4065	Political Sociology	2011
		SOL 4066	Social Demography	2011
		SOL 4067	Sociology of Disorganization	2011
		SOL 4068	Social Psychology	2011
		SOL 5001	Interpretative Sociological Theory	2011
		SOL 5005	Social Stratification & Social Mobility	2011
		SOP 5003	Techniques of Data Analysis	2011
		SOL 5004	Rural Development and Agrarian Change	2011
		SOL 5002	Social Statistics	2011
		SOL 5006	Sociology of Work	2011
		SOL 5007	Urban Studies	2011
		SOL 5008	Sociology of Health	2011
		SOL 5011	Perspectives on Indian Society	2011
		SOP 5012	Report Writing-Submission	2011
		SOD 5013	Dissertation	2023
		SOL 5014	Population Dynamics And Society In India	2011
		SOL 5015	Environment and Society	2011
		SOL 5016	Indian Diaspora	2011
		SOL 5017	Sociology of Entrepreneurship	2011
		SOL 5018	Media And Society	2011
		SOL 5019	Sociology of Crime	2011
		SOL 5020	Sociology of Religion	2011
2783	Master of Social Work	SWL 4041	Understanding Social Work	2020
		SWL 4042	Social Research Methods	2020
		SWL 4043	Sociology for Social Work	2020
		SWL 4044	Understanding Human Behaviour	2020
		SWF 4045	Field Work Practicum [I]	2020
		SWL 4051	Social Case Work	2020
		SWL 4052	Social Group Work	2020
		SWL 4053	Community Organization and Development	2020
		SWL 4054	Social Policy and Social Welfare Administration	2020
		SWF 4055	Field Work Practicum [II]	2020
		SWL 5001	Social Work in Psychiatric Settings	2020
		SWL 5002	Human Resource Management and Development	2020
		SWF 5003	Field Work Practicum [III]	2020
		SWL 5004	Social Entrepreneurship	2020
		SWL 5005	Social Work and Ageing	2020
		SWL 5006	Social Work and Environment	2020
		SWL 5007	Women and Child Development	2020
		SWL 5008	Industrial Relations	2020
		SWL 5009	Social Statistics	2020
		SWD 5011	Dissertation	2023
		SWF 5012	Field Work Practicum [IV]	2020
		SWL 432	Social Work in Medical Health Settings	2020
		SWL 5013	Labour Laws	2020
		SWL 5014	NGO Management	2020
		SWL 5015	Social Work and Disaster Management	2020
		SWL 5016	Social Work and Corporate Social Responsibility	2020
		SWL 5017	Social Work and Persons with Disability	2020
		SWL 5018	Social Justice and Human Rights	2020
		SWL 5019	Understanding Community	2020
		SWL 5020	Medical Social Work	2020
2747	MASTER IN BUSINESS ADMINISTRATION (Five Years Integrated Course)	MIL 111	Fundamentals of Mgt	2015
		MIL 112	Computer Applications for Business-I	2003
		MIL 113	Statistics for Business Decisions	2003
		MIL 114	Ethics and Corporate Social Responsibility	2021
		PBL 121	Punjabi Com -I	2003
		PBL 122	Basic Punjabi	2003
		HSL 101	Punjab History and Culture	2003
		ENL 101	Communicative English I	2003
		MIL 161	Business Communication	2003
		MIL 162	Managerial Economics	2003
		MIL 163	Computer Applications for Business-II	2012
		MIL 164	Business Accounting	2021
		SOA 101	Drug abuse: problem,management and prevention	2017
		ENL 151	communicative english -II	2012
		PBL 131	Punjabi (compulsory)-II	2003
		PBL 132	Basic punjabi -II	2003
		HSL 102	Punjab history and culture	2003
		MIL 211	Macroeconomics	2021
		MIL 212	Principles of Marketing	2021
		MIL 213	Management Accounting	2021
		MIL 214	Money and Banking	2012

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		MIL 215	Financial Software Package	2021
		EVS 220	Environment Studies	2012
		MIL 261	Business Research	2021
		MIL 263	Financial Management	2021
		MIL 264	Organizational behavior	2021
		MIL 265	Entrepreneurship development	2021
		MIL 266	Human resource management	2021
		MIL 270	Statistical software package	2021
		PSL 053	Human rights and constitutional duties (mandatory course)	2020
		MIL 301	Management Accounting and Business Finance	2012
		MIL 302	Company Law	2012
		MIL 305	Organizational Behavior	2012
		MIL 307	MIS & ERP	2015
		MIL 308	Digital Marketing	2017
		MIS 306	Seminar	2012
		MIL 309	Human Resource Development	2020
		MIL 352	Income tax law and practice	2012
		MIL 357	Supply chain management and total quality management	2015
		MIL 358	Management of Insurance services	2015
		MIL 359	Entrepreneurship and MSME's	2012
		MIL 360	Fundamentals of International trade	2012
		MIL 361	Case studies in Business	2015
		MIL 401	Business environment	2012
		MIL 403	Corporate governance and business ethics	2013
		MIL 404	Quantitative methods for management	2012
		MIL 407	Management principles and practices	2015
		MIL 408	Seminar	2015
		MIL 406	Knowledge management and creativity and innovation	2015
		MIL 451	Business Research methodology	2012
		MIL 452	financial management	2012
		MIL 453	marketing management	2012
		MIL 454	human resource management	2013
		MIL 455	International business	2013
		MIL 457	case studies in management	2015
		MIL 458	customer relationship management	2020
		MIL 513	Project management	2012
		MIL 514	seminar	2015
		MIS 512	managing retailing	2020
		MIL 533	Management control systems	2012
		MIL 534	Capital market and Investment Management	2012
		MIL 531	Consumer behavior	2012
		MIL 532	marketing research	2012
		MIL 536	Organisational Change & Development	2012
		MIL 537	Labour Legislation and social security	2012
		MIL 539	International Financial and Economic Organizations	2012
		-	Management of International Business Operations	2012
		MIL 551	Strategic Management	2012
		MIL 552	Business Analytics	2018
		MIL 581	International Financial Management	2012
		MIL 582	Financial markets and financial services	2012
		MIL 583	Corporate tax law and planning	2014
		MIL 593	case studies in finance	2015
		MIL 584	Advertising and sales management	2012
		MIL 585	Brand and retailmanagement	2012
		MIL 586	services marketing	2012
		MIL 594	case studies in marketing	2015
		MIL 588	Managerial competencies and career development	2014
		MIL 589	International human resource management	2014
		MIL 595	case studies in human resource management	2015
		MIL 597	Industrial relations	2012
		MIL 590	International financial markets and foreign exchange	2012
		MIL 591	International Financial management	2012
		MIL 592	International marketing	2012
		MIL 596	case studies in international business	2015
2746	MASTER OF BUSINESS ADMINISTRATION (Credit Based Evaluation and Grading System)	MGL 401	Managerial economics	1984
		MGL 402	quantitative methods for management	1984
		MGL 403	Accounting for management	1984
		MGL 404	Business environment	1984
		MGL 406	Management principles and organizational behavior	1984
		MGL 407	Corporate law and administration	1984
		MGL 451	Business research methodology	1984
		MGL 452	Financial Management	1984
		MGL 453	Marketing management	1984
		MGL 454	Human resource management	1984
		MGL 455	Production and operations management	1984
		MGL 457	Seminar	1984
		MGL 458	case studies in management	2015
		MGL 504	Entrepreneurship Development and MSMEs	1984
		MGL 505	Business Communication and Personality development	2020
		MGS 503	Seminar	1984
		MGL 531	Management control systems	1984
		MGL 532	Capital Markets and Investment Management	1984
		MGL 533	Consumer behavior	1984
		MGL 534	Marketing research	1984
		MGL 536	Organizational change and development	1984
		MGL 543	Labour Legislations & Social Security	1984

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		MGL 538	Management of International business operations	1984
		MGL 544	International Financial and Economic organisations	1984
		MGL 539	Management control systems	1984
		MGL 540	Production Planning & Control	1984
		MGL 541	Management information systems	1984
		MGL 542	decision support systems	1984
		MGL 551	Strategic Management	1984
		MGL 552	International Business	1984
		MGL 553	Business Analytics	2020
		MGL 581	International financial management	1984
		MGL 582	Financial Markets and Financial Service	1984
		MGL 583	Corporate tax law and planning	1984
		MGL 599	Case studies in finance	2015
		MGL 584	Advertising and Sales Management	1984
		MGL 585	Brand and retail management	1984
		MGL 586	services marketing	1984
		MGL 600	Case studies in marketing	2015
		MGL 587	Industrial relations	1984
		MGL 588	Managerial Competencies and Career development	1984
		MGL 589	International Human resource management	1984
		MGL 601	Case Studies in Human Resource Management	2015
		MGL 590	International Financial Markets and Foreign exchange	1984
		MGL 591	International Financial Management	1984
		MGL 592	International Marketing	1984
		MGL 602	Case Studies in International Businesses	2015
		MGL 593	Inventory management	1984
		MGL 594	Logistics management	1984
		MGL 595	Total Quality Management and Quality Control	1984
		MGL 596	Data Management Techniques	1984
		MGL 597	e-Commerce and Internet	1984
		MGL 598	Web Designing & HTML	1984
		MGL 603	Case studies in Information Technology	2015
2773	MBA (FINANCIALMANAGEMENT)	MFL 401	Managerial economics	2007
		MFL 402	quantitative methods for management	2007
		MFL 403	Accounting for management	2007
		MFL 404	Business environment	2007
		MFL 406	Management principles and organizational behavior	2007
		MFL 407	Corporate law and administration	2015
		MFL 451	Business research methodology	2007
		MFL 452	Financial Management	2007
		MFL 453	Marketing management	2007
		MFL 454	Human resource management	2007
		MFL 455	Production and operations management	2007
		MFL 457	Seminar	2007
		MFL 458	case studies in management	2015
2704	MBA (Marketing Management)	MML 401	Managerial economics	2007
		MML 402	quantitative methods for management	2007
		MML 403	Accounting for management	2007
		MML 404	Business environment	2007
		MML 406	Management principles and organizational behavior	2007
		MML 407	Corporate law and administration	2007
		MML 451	Business research methodology	2007
		MML 452	Financial Management	2007
		MML 453	Marketing management	2007
		MML 454	Human resource management	2007
		MML 455	Production and operations management	2007
		MML 457	Seminar	2007
		MML 458	case studies in management	2015
2774	MBA (HUMAN RESOURCE MANAGEMENT)	MDL 401	Managerial economics	2018
		MDL 402	quantitative methods for management	2018
		MDL 403	Accounting for management	2018
		MDL 404	Business environment	2018
		MDL 406	Management principles and organizational behavior	2018
		MDL 407	Corporate law and administration	2018
		MDL 451	Business research methodology	2018
		MDL 452	Financial Management	2018
		MDL 453	Marketing management	2018
		MDL 454	Human resource management	2018
		MDL 455	Production and operations management	2018
		MDL 457	Seminar	2018
		MDL 458	case studies in management	2018
2825	M.Com(FYIP)	USL-1001	Introductory Accounting	2023
		USL-1002	Principles and Practices of Management	2023
		USL-1003	Business Law	2023
		USL-1004	Digital Fluency	2023
		ENL-1001	Communicative English-I	2023
		PBL-1021	Punjabi Compulsory-I	2023
		PBL-1022	w ZYbh gzikph (MUDHLI PUNJABI)	2023
		HSL-4060	Punjab History & Culture (1450-1716)	2023
		PSL-0059	Human Rights & Constitutional Duties	2023
		USL-1098	Basics of Data Analytics	2023
		DOC-053	Basics of Stock Market	2023
		USL-1011	Advanced Financial Accounting	2024
		USL-1012	Banking Principles and Practices	2024
		USL-1013	Principles of Marketing	2024
		SOL-1006	Drug Abuse: Problem, Management and Prevention (Value Added Course)	2024
		ENL-1051	Communicative English-II	2024
		PBL-1031	Punjabi Compulsory-II	2024

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		PBL-1032	w ZYbh gzikph (MUDHLI PUNJABI)	2024
		HSL-5020	**Punjab History & Culture (1717-1947)	2024
		USL-1088	E-Filling of Tax Returns	2024
		USL-1089	Basics of Banking Operations	2024
2731	M.Com(FYIC)	FSL-201	Company Law	2023
		FSL-202	Income Tax Law and Practice	2023
		FSL-203	Corporate Accounting	2023
		FSL-204	Indian Economy	2023
		FSW-205	Workshop on E-Filling	2023
		ESL-220	Environmental Studies(Mandatory Paper)	2023
		FSL-211	Cost Accounting	2024
		FSL-212	Goods & Services Tax with Tally	2024
		FSL-213	Principles of Marketing	2024
		FSL-214	Entrepreneurship Development	2024
		FSW-215	New Venture Planning	2024
		PSL-057	Human Rights & Constitutional Duties (Mandatory Paper)	2024
		FSL-301	Management Accounting	2023
		FSL-302	Auditing Principles and Practices	2023
		FSL-303	Fundamentals of Micro Finance	2023
		FSL-304	Operations Research	2023
		FSL-321	Fundamentals of Insurance	2023
		FSL-322	Foreign Market Operations	2023
		FSL-323	Basics of Information Technology	2023
		FSL-324	Stress Management	2023
		FSL-326	Indian Stock Market	2023
		FSL-327	Business Ethics	2023
		FSL-328	E-Commerce	2023
		FSL-329	Portfolio Management	2023
		FSL-311	Fundamentals of Financial Management	2024
		FSL-312	Human Resource Management	2024
		FSL-313	Business Research Methods	2024
		FSS-314	Seminar	2024
		FSL-331	Fundamentals of Investment	2024
		FSL-332	Compensation Management	2024
		FSL-333	Total Quality Management	2024
		FSL-334	International Marketing	2024
		FSL-341	Risk Management	2024
		FSL-342	Corporate Restructuring	2024
		FSL-343	International Business	2024
		FSL-344	Training and Development	2024
		FSL-401	Organizational Behaviour	2023
		FSL-402	Statistical Analysis for Business	2023
		FSL-403	Business Environment	2023
		FSL-404	Management Control Systems	2023
		FSL-405	Financial Modelling Using Excel	2023
		FSL-411	Management Science	2024
		FSL-412	Advanced Financial Management	2024
		FSL-413	Operations Management	2024
		FSL-414	Behavioral Finance	2024
		FSL-415	Project Management	2024
		DCL-581	Management Science	2023
		DCL-582	Analytical Techniques for Business Research	2023
		DCL-583	Strategic Management	2023
		DCS-584	Seminar	2023
		DCL-601	Security Analysis and Portfolio Management	2023
		DCL-602	International Financial Management	2023
		DCL-603	Corporate Laws	2023
		DCL-604	Intellectual Property Law in India	2023
		DCL-605	Consumer Behavior	2023
		DCL-606	Services Marketing	2023
		DCL-607	Strategic Human Resource Management	2023
		DCL-608	Labour Legislation	2023
		DCL-591	Contemporary Accounting	2024
		DCL-592	E-Commerce	2024
		DCL-593	Financial Institutions and Financial Services	2024
		DCD-594	Dissertation	2024
		DCL-611	Security Market Operations	2024
		DCL-612	International Accounting	2024
		DCL-613	Project Management	2024
		DCL-614	Goods and Services Tax (GST)-II	2024
		DCL-615	Advertising Management	2024
		DCL-616	Retail Management	2024
		DCL-617	Managing Organizational Change	2024
		DCL-618	Industrial Relations	2024
2749	M.Com(Two Year Programm)	USL-4001	Organizational Behaviour	2023
		USL-4002	Research Methodology	2023
		USL-4003	Accounting for Decision Making	2023
		USL-4004	Business Environment	2023
		USL-4005	Security Market Operations	2023
		USS-4006	Survey Based Seminar	2023
		USL-4011	Advanced Financial Management	2024
		USL-4012	Analytical Techniques for Business Research	2024
		USL-4021	Operation Management	2024
		USL-4022	International Accounting	2024
		USL-4023	Corporate Tax Planning	2024
		SOL 1006	**Drug Abuse: Problem, Management and Prevention (Value Added Course)	2024
		FSL-551	Corporate Financial Accounting and Auditing	2023
		FSL-552	Analytical Techniques for Business Research	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		FSL-553	Strategic Management	2023
		FSS-554	Seminar(Based on summer training undergone at the end of semester II)	2023
		FSL-581	Security Analysis and Portfolio Management	2023
		FSL-582	Indian Financial System	2023
		FSL-583	Consumer Behaviour	2023
		FSL-584	Services Marketing	2023
		FSL-585	Strategic Human Resource Management	2023
		FSL-586	Labour Legislation	2023
		FSL-561	Contemporary Accounting	2024
		FSL-562	Corporate Governance	2024
		FSL-563	Banking and Insurance Services	2024
		FSD-564	Dissertation	2024
		FSL-591	Security Market Operations	2024
		FSL-592	International Accounting	2024
		FSL-593	Advertising Management	2024
		FSL-594	Retail Management	2024
		FSL-595	Managing Organizational Change	2024
		FSL-596	Industrial Relations	2024
2826	MBA(FINANCE) (FYIP)	USL-1051	Fundamentals of Accounting	2023
		USL-1052	Management Perspectives	2023
		USL-1053	Mercantile Law	2023
		USL-1054	IT Tools for Business	2023
		PSL-0059	Human Rights and Constitutional Duties	2023
		ENL-1001	Communicative English-I	2023
		PBL-1021	Punjabi Compulsory-I	2023
		PBL-1022	w(ZYbh gzikph (MUDHLI PUNJABI)	2023
		HSL-4060	Punjab History & Culture (1450-1716)	2023
		USL-1061	Business Economics	2024
		USL-1062	Principles and Practices of Banking	2024
		USL-1063	Fundamentals of Marketing	2024
		USL-1064	Business Correspondence and Reporting	2024
		ENL-1051	Communicative English-II	2024
		SOL-1006	Drug Abuse: Problem, Management and Prevention (Value Added Course)	2024
		PBL-1031	Punjabi Compulsory-II	2024
		PBL-1032	w(ZYbh gzikph (MUDHLI PUNJABI)	2024
		HSL-5020	**Punjab History & Culture (1717-1947)	2024
2764	MBA(FINANCE)(Two Year Programm)	USL-4051	Management Principles and Organizational Behaviour	2023
		USL-4052	Financial Management	2023
		USL-4053	Accounting for Financial Analysis	2023
		USL-4054	Business Analytics	2023
		USL-4055	Marketing and Human Resource Management	2023
		USL-4056	Operations Management	2023
		USS-4057	Seminar Based on Personality Development and Communication	2023
		USL-4061	Business Research Methods	2024
		USL-4062	Financial Econometrics	2024
		USL-4063	Regulatory Framework for Business	2024
		USL-4071	Marketing of Financial Services	2024
		USL-4072	Strategic Management	2024
		USL-4073	Management Control Systems	2024
		SOL-1006	**Drug Abuse: Problem, Management and Prevention (Value Added Course)	2024
		FSL-571	Financial Econometrics	2023
		FSL-572	Indian Tax System	2023
		FSL-573	Risk Management	2023
		FSL-574	Behavioral Finance	2023
		FSL-575	Management Control Systems	2023
		FSL-576	Project Management Appraisal and Control	2023
		FSS-577	Seminar	2023
		FSE-580	Training and Project Report	2024
1734	B.Com(Hons)(USHS)	FSL-251	Income Tax Law & Practice	2023
		FSL-252	Human Resource Management	2023
		FSL-253	Entrepreneurship Development	2023
		FSL-254	Financial Mathematics	2023
		FSW-255	Workshop on E-filing	2023
		ESL-220	Environmental Studies(Mandatory Course)	2023
		FSL-261	Cost Accounting	2024
		FSL-262	Goods & Services Tax (GST)	2024
		FSL-263	Principles of Marketing	2024
		FSW-264	Workshop on Stock Market	2024
		PSL-057	Human Rights and Constitutional Duties	2024
		FSL-271	Organizational Behaviour	2024
		FSL-272	Foreign Market Operations	2024
		FSL-273	Banking Theory and Practices	2024
		FSL-274	Consumer Affairs and Customer Care	2024
		FSL-276	Corporate Tax Planning	2024
		FSL-277	International Business	2024
		FSL-278	Advertising and Personal Selling	2024
		FSL-279	Operations Research	2024
		FSL-351	Management Accounting	2023
		FSL-352	Auditing & Corporate Governance	2023
		FSL-353	Financial Management	2023
		FSL-354	Business Research Methods	2023
		FSW-355	Workshop on Data Analytics Through R	2023
		FSL-371	Fundamental of Investment	2023
		FSL-372	Insurance and Risk Management	2023
		FSL-373	Business Tax Procedures and Management	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		FSL-374	Compensation Management	2023
		FSL-376	Financial Reporting and Analysis	2023
		FSL-377	Project Management and Techniques	2023
		FSL-378	Financial Markets, Institutions and Services	2023
		FSL-379	Industrial Relations and Labour Laws	2023
		FSE-361	Internship and Project Report	2024
2818	M.Sc FYIP (Zoology)	ZOL 1003	Biology of Nonchordates (Protozoa-Annelida)	2023
		ZOL 1004	Biology of Nonchordates (Arthropoda- Protochordates)	2023
		CHL 1091	Organic Chemistry	2023
		PHL 1091	Optics	2023
		ENL 1001	Communicative English- I	2023
		PBL 1031	Punjabi Compulsory –II	2023
		PBL 1032	Mudhli Punjabi-II	2023
		HSL 5020	History & Culture of the Punjab (1717-1947)	2023
		ZOP1002	Zoology Lab- I (Nonchordates)	2023
		CHP1091	Qualitative Organic Analysis	2023
		PHP1091	Physics (Optics Lab)	2023
		ZOL-204	Animal Physiology	2023
		ZOL-206	Bio Molecules	2023
		CHL-291	Physical Chemistry	2023
		BSL-205	Diversity of Gymnosperms Environmental Studies	2023
		ESL-220	Environmental Studies (Compulsory ID)	2023
		ZOP225	Zoology Lab-III (Physiology & Biomolecules)	2023
		CHP291	Physical Chemistry (Practicals)	2023
		BSP205	Diversity of Gymnosperms Lab	2023
		ZOL-312	Concepts of Evolution and Systematics	2018
		ZOL-313	Bioenergetics &Metabolism	2018
		MTL-261	Biostatistics	2018
		ZOS314	Seminar	2018
		ZOP334	Zoology Lab VII (Evolution and Systematics)	2018
		ZOP335	Zoology Lab VII (Biochemistry)	2018
		ZOL406	Structure and Function of Chromosomes	2018
		ZOL419	Advanced Genetics	2018
		ZOL436	Integrated Pest Management	2018
		MEV-002	Environmental Occupational Hazards MOOC (from Swayam Portal)	2018
		ZOP-406	Chromosome Biology Lab	2018
		ZOS421	Seminar	2018
		ZOL-544	Medical Genetics	2018
		ZOL-515	Agricultural Entomology	2018
		ZOL-533	Introduction to Fish Physiology	2018
		ZOL-524	Integrated Nematode management	2018
		ZOP502	Advanced Practical	2018
		ZOD 500	Research Project	2018
2835	M.Sc. Zoology	ZOL4006	Structure and Function of Chromosomes	2023
		ZOL4019	Advanced Genetics	2023
		ZOL4036	Integrated Pest Management	2023
		MEV-002	Environmental Occupational Hazards MOOC (from Swayam Portal)	2023
		ZOP-4006	Chromosome Biology Lab	2023
		ZOS4021	Seminar	2023
		ZOL-501	Applied Zoology-II	1990
		ZOL-502	Molecular Cell Biology	1990
		ZOL-504	Molecular Genetics	1990
		ZOL-505	Animal Behaviour	1990
		ZOS 505	Seminar	1990
		ZOP524	Advanced Cytology & Molecular Genetics (Practical)	1990
		ZOP525	Behavioural Zoology & Applied Zoology Lab	1990
2818	M.Sc Zoology FYIP	ZOL-1052	Biology of Chordates	2023
		CHL-1092	Inorganic Chemistry	2023
		PHL-1096	Modern Physics-I	2023
		ENL-1051	Communicative English –II	2023
		PBL 1031	Punjabi Compulsory –II	2023
		PBL 1032	Mudhli Punjabi-II	2023
		HSL 5020	History & Culture of the Punjab (1717-1947)	2023
		SOL-1006	Drug Abuse Problem, Management and Prevention (Compulsory ID)	2023
		ZOP-1052	Zoology Lab II (Chordates)	2023
		CHP-1092	Inorganic Chemistry Lab	2023
		PHP-1099	Modern Physics Lab-I	2023
		ZOL-261	Animal Embryology	2023
		ZOL-258	Genetics	2023
		BSL-254	Diversity of Angiosperms	2023
		ZOP-272	Zoology Lab IV(Embryology)	2023
		ZOP-273	Zoology Lab V (Genetics)	2023
		BSP-254	Diversity of Angiosperms Lab	2023
		PSL-057	Human Rights & Constitutional Duties (Compulsory ID) Multidisciplinary Course	2023
2782	M.Sc. Zoology (FYIC)	ZOL-362	Applied Zoology (Non-Chordates)	2018
		ZOL-364	Principles of Ecology and Wildlife Management	2018
		ZOL-365	Medical Zoology	2018
		CSL-298	Computer Programme	2018
		CSP-299	Computer Lab	2018
		ZOP-373	Zoology Lab IX (Ecology, Wildlife & Applied Zoology)	2018
		ZOS-364	Seminar	2018
		ZOL-461	Wetland Ecology	2018
		ZOL-462	Vectors and Diseases	2018
		ZOL-411	Insect Morphology	2018
		ZOL-412	Introductory Aquatic Biology	2018
		ZOL-413	Introductory to Nematology	2018

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		ZOP-462	Vectors and Diseases Lab	2018
		ZOL- 543	Elective-III	2018
		ZOL-516/ ZOL- 522/ ZOL- 534	Elective-IV	2018
		ZOS-521	Seminar	2018
		ZOP-552	Advanced Practicals-II	2018
		ZOD-500	Research Project *	2018
2835	M.Sc. Zoology	ZOL-4061	Wetland Ecology	2023
		ZOL-4062	Vectors and Diseases	2023
		ZOP-4062	Vectors and Diseases Lab	2023
		ZOL-4011	Insect Morphology	2023
		ZOL-4012	Introductory Aquatic Biology	2023
		ZOL-4013	Introduction to Nematology	2023
		SOL-1006	Drug Abuse: Problems, Management and Prevention (Compulsory ID)	2023
2728	M.Sc. Zoology	ZOL-551	Tools and Techniques	1990
		ZOL-553	Developmental Biology	1990
		ZOL-554	Introduction to Immunology	1990
		ZOL581/ZOL582/ ZOL583/ZOL584	Elective *	1990
		ZOP-572	Techniques in Zoology	1990
		ZOP-573	Practicals in Specialized field	1990
		ZOP-574	Experimental Developmental Biology	1990
		ZOP-575	Field Report	1990
1706	B.Tech Mechanical Engineering	CYL 1097	Engineering Chemistry	2014
		MTL 1001	Mathematics-I	2014
		ECL 1019	Basic Electrical & Electronics Engineering	2014
		ENL 1001	Communicative English-I	2014
		MEL 1003	Manufacturing Processes-I	2014
		PBL 1021	Punjabi Compulsory-I	2014
		HSL 4060	Punjab History & Culture (1450 & 1716)	2014
		CEL 1020	Engineering Mechanics	2015
		MEL 1020	Engineering Graphics & Drafting	2015
		MTL 1002	Mathematics-II	2015
		PHL 1083	Physics	2015
		MEL 1010	Introduction to Engg. Materials	2015
		PBL 1031	Punjabi Compulsory-II	2015
		HSL 5020	Punjab History & Culture (1717 & 1947)	2015
		MTL 201	Mathematics-III	2023
		MEL 203	Thermodynamics-I	2023
		MEL 211	Solid Mechanics	2023
		MEL 214	Engineering Materials	2023
		MEL 215	Machine Drawing	2023
		ESL 220	Environmental Studies (Mandatory Course)	2023
		MEP 211	Solid Mechanics Lab	2023
		MEP 214	Engineering Materials Lab	2023
		MEP 216	Summer Training	2023
		MEP 218	Basic Simulation Lab	2023
		MEP 219	Computer Graphics Lab	2023
		MEP 101	Workshop Practices	2023
		PBL 121	Punjabi Compulsory	2023
		MEL 221	Mechanisms & Machines	2024
		MEL 224	Design of Machine Elements	2024
		MEL 226	Mechanical Measurement & Metrology	2024
		MEL 227	Primary Manufacturing	2024
		MEL 228	Fluid Mechanics	2024
		PSL 057	Human Rights & Constitutional Duties	2024
		MEP 221	Mechanism & Machines Lab	2024
		MEP 224	Design of Machine Elements Lab	2024
		MEP 225	Fluid Mechanics Lab	2024
		MEP 226	Mechanical Measurement & Metrology Lab	2024
		MEP 227	Primary Manufacturing Lab	2024
		MEL 110	Introduction to Engg. Materials	2024
		PBL 131	Punjabi Compulsory-II	2024
		SOA 101	Drug Abuse: Problem Management & Prevention	2024
		MEL 310	Computer Aided Design	2023
		MEL 312	Vibration & Noise Control	2023
		MEL 313	Heat Transfer	2023
		MEL 356	Advanced Fluid Mechanics	2023
		MEL 354	Automobile Engineering	2023
		MEP 310	Computer Aided Design Lab	2023
		MEP 312	Vibration & Noise Control Lab	2023
		MEP 313	Heat Transfer Lab	2023
		MEP 314	Industrial Training	2023
		MEP 354	Automobile Engineering Lab	2023
		MEL 323	Refrigeration & Air Conditioning	2024
		MEL 324	Mechatronics	2024
		MEL 326	Machinery Fault Diagnostics	2024
		MEL 327	Thermodynamics-II	2024
		MEL 328	Fluid Machinery	2024
		MEL 361	Finite Elements Method in Engineering	2024
		MEP 320	Thermodynamics-II Lab	2024
		MEP 323	Refrigeration & Air Conditioning Lab	2024
		MEP 325	Fluid Machinery Lab	2024
		MEP 326	Machinery Fault Diagnostics Lab	2024
		MEP 361	Finite Elements Method in Engineering Lab	2024
		MEL 411	Non Traditional & Computer Aided Manufacturing	2023
		MEL 412	Optimization Techniques	2023
		MEL 413	Surface Engineering	2023
		MEL 455	Machine Tools & Machining	2023
		MEL 458	Simulation of Mechanical Systems	2023

## 3.1 List of courses offered across all programs during the year 2023-24

Program code	Program name	Course code	Course name	Year of offering the course
		MEP 411	Non Traditional & Computer Aided Manufacturing LAB	2023
		MEP 413	Surface Engineering LAB	2023
		MEP 416	Major Project	2023
		MEP 421	Industrial Training/In Campus Training	2024
1701	B.Tech / Civil Engineering	PHL193	Physics-I	2014-2015
		MTL101	Mathematics-I	2014-2015
		ECL115	Electrical Engineering	2014-2015
		PHL195	Material Science &Engineering	2014-2015
		ENL101	Communicative English - I	2014-2015
		ARL196	Engineering Graphics& Drafting	2014-2015
		PBL121	Punjabi-I	2014-2015
		PBL122	Basic Punjabi	2014-2015
		PHP194	Physics Lab	2014-2015
		MEP101	Workshop Practices	2014-2015
		PHL198	Physics-II	2014-2015
		MTL102	Mathematics-II	2014-2015
		ENL151	Communicative English-II	2014-2015
		ECL196	Electronics & Instruments	2014-2015
		CYL195	Engineering Chemistry	2014-2015
		CEL120	Engineering Mechanics	2014-2015
		CSL194	Fundamentals of IT & Computer Programming	2014-2015
		PBL131	Punjabi-II	2014-2015
		PBL132	Basic Punjabi (Mudhli Punjabi) – II	2014-2015
		ECP196	Electronics & Instruments Lab	2014-2015
		CSP194	Fundamentals of IT & Computer Programming Lab	2014-2015
		CYP196	Chemistry Lab	2014-2015
		CEL211	Building Material and Construction	2015-2016
		CEL212	Construction Machinery and Works Management	2015-2016
		CEL213	Surveying	2015-2016
		CEL214	Hydraulics and Hydraulic Machinery	2015-2016
		ENL201	Written and Oral Technical Communication	2015-2016
		MTL201	Maths-III	2015-2016
		ESL 220	*Environmental Studies	2015-2016
		ENP 201	Written and Oral Technical Communication	2015-2016
		CEP213	Surveying Lab	2015-2016
		CEP214	Hydraulics and Hydraulic Machinery Lab	2015-2016
		CEL221	Strength of Materials	2015-2016
		CEL222	Water Supply Engineering	2015-2016
		CEL223	Concrete Technology	2015-2016
		CEL224	Soil Mechanics	2015-2016
		CEL225	Numerical Methods for Civil Engineering	2015-2016
		CEP221	Strength of Materials Laboratory	2015-2016
		CEP223	Concrete Technology Laboratory	2015-2016
		CEP224	Soil Mechanics Laboratory	2015-2016
		CEL226	Elements of Remote Sensing GIS	2015-2016
		CEL227	Engineering Geology Rock Mechanics	2015-2016
		CEL228	Town Planning	2015-2016
		CEL229	Building Construction	2015-2016
		CEL230	Disaster Management	2015-2016
		CEL231	Mass Transportation System	2015-2016
		CEL311	Theory of Structure-I	2016-2017
		CEL312	Design of Steel Structure-I	2016-2017
		CEL313	Waste Water Engineering	2016-2017
		CEL314	Highways Engineering	2016-2017
		CEP318	Survey camp of 04 weeks duration after 4th Semester	2016-2017
		CEP311	Theory of Structure-I Laboratory	2016-2017
		CEP312	Departmental CAD Laboratory-I (Steel-I)	2016-2017
		CEP313	Environmental Engineering Laboratory	2016-2017
		CEP314	Highways Engineering Laboratory	2016-2017
		CEL315	Traffic Engineering	2016-2017
		CEL316	Construction Laws	2016-2017
		CEL317	Advanced Environmental Engineering	2016-2017
		CEL321	Theory of Structure-II	2016-2017
		CEL322	Foundation Engineering	2016-2017
		CEL323	Design of Concrete Structure-I	2016-2017
		CEL324	Water Resources Engineering-I	2016-2017
		CEL325	Railways Airport Engineering	2016-2017
		CEP323	Departmental CAD Laboratory-II (RCC-I)	2016-2017
		CEL326	Ground Improvement Ground Engineering	2016-2017
		CEL327	Pavement Design	2016-2017
		CEL328	Finite Elements Method	2016-2017
		CEL411	Design of Concrete Structure-II	2017-2018
		CEL412	Design of Steel Structure-II	2017-2018
		CEL413	Water Resources Engineering-II	2017-2018
		CEL414	Estimation And Costing	2017-2018
		CEP411	Departmental CAD Laboratory-III (RCC-II)	2017-2018
		CEP412	Departmental CAD Laboratory-III (Steel-II)	2017-2018
		CEL415	Bridge Engineering	2017-2018
		CEL416	Earthquake Engineering	2017-2018
		CEL417	Pre- Stressed Concrete	2017-2018
		CEP421	Software Training	2017-2018
		CEP422	Industrial Training	2017-2018