

B.A. Music (Gurmat Sangeet)

Semester I					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-101	Basic Communication Skills	3	0	0	3
COMP-101	Computer Fundamentals	2	0	2	4
MGS-101	Gurmat Sangeet (Major) (Theory) – 1	4	0	0	4
MGS-102	Gurmat Sangeet (Major) (Practical) - 1	0	0	5	5
MTB-103	Tabla (Minor) – 1	2	0	2	4
MMI-104	Music Instrumental (Supporting)-1	2	0	2	4
	Total				24
Semester II					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-121	Advance Communication Skills	3	0	0	3
PBI-121	BhashaVigyan ate Veeakaran	3	0	0	3
MGS-121	Gurmat Sangeet (Major) (Theory) -2	5	0	0	5
MGS-122	Gurmat Sangeet (Major) (Practical) - 2	0	0	5	5
MTB-123	Tabla (Minor) - 2	2	0	2	4
MMI-124	Music Instrumental (Supporting) - 2	2	0	2	4
	Total				24
Semester III					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-201	Fundamental Communication Skills	3	0	0	3
PBI-201	Punjabi Sahit ate Sahit Itihas	3	0	0	3
MGS-201	Gurmat Sangeet (Major) (Theory) – 3	6	0	0	6
MGS-202	Gurmat Sangeet(Major) (Practical) -3	0	0	6	6
MTB-203	Tabla (Minor) - 3	0	0	3	3
MMI-204	Music Instrumental(Supporting) -3	0	0	3	3
	Total				24

Semester IV					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-221	Management Communication Skills	3	0	0	3
PBI-221	Punjabi Bhasha Ate Karji Punjabi	3	0	0	3
MGS-221	Gurmat Sangeet(Major) (Theory) - 4	6	0	0	6
MGS-222	Gurmat Sangeet (Major) (Practical)- 4	0	0	6	6
MTB-223	Tabla (Minor) - 4	0	0	3	3
MMI-224	Music Instrumental(Supporting) -4	0	0	3	3
	Total				24
Semester V					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-301	Business Communication Skills	3	0	0	3
GSES-301	Value Education, Ethics & Human Rights	3	0	0	3
MGS-301	Gurmat Sangeet (Major) (Theory) - 5	6	0	0	6
MGS-302	Gurmat Sangeet (Major) (Practical) – 5	0	0	6	6
MTB-303	Tabla (Minor) - 5	0	0	3	3
MMI-304	Music Instrumental(Supporting) -5	0	0	3	3
	Total				24
Semester VI					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-321	Employment Communication Skills	3	0	0	3
GSES-321	Environmental Studies	3	0	0	3
MGS-321	Gurmat Sangeet (Major) (Theory) - 6	6	0	0	6
MGS-322	Gurmat Sangeet (Major) (Practical) - 6	0	0	6	6
MTB-323	Tabla (Minor) - 6	0	0	3	3
MMI-324	Music Instrumental(Supporting) -6	0	0	3	3
	Total				24

B.A. Music (Instrumental)

Semester I					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-101	Basic Communication Skills	3	0	0	3
COMP-101	Computer Fundamentals	2	0	2	4
MMI-101	Music Ins. (Major) (Theory) - 1	4	0	0	4
MMI-102	Music Ins. (Major)(Practical)-1	0	0	5	5
MTB- 103	Tabla (Minor) – 1	2	0	2	4
MGS-104	Gurmat Sangeet (Supporting) (with String Ins.)-1	2	0	2	4
	Total				24
Semester II					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-121	Advance Communication Skills	3	0	0	3
PBI-121	Bhasha Vigyan ate Veeakaran	3	0	0	3
MMI-121	Music Ins. (Major) (Theory) – 2	5	0	0	5
MMI-122	Music Ins.(Major)(Practical)-2	0	0	5	5
MTB-123	Tabla (Minor) – 2	2	0	2	4
MGS-124	Gurmat Sangeet (Supporting) (with String Ins.)-2	2	0	2	4
	Total				24
Semester III					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-201	Fundamental Communication Skills	3	0	0	3
PBI-201	Punjabi Sahit ate Sahit Itihas	3	0	0	3
MMI-201	Music Ins. (Major) (Theory) – 3	6	0	0	6
MMI-202	Music Ins. (Major) (Practical) – 3	0	0	6	6
MTB-203	Tabla (Minor) -3	0	0	3	3
MGS-204	Gurmat Sangeet (Supporting) (with String Ins.)-3	0	0	3	3
	Total				24

Semester IV					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-221	Management Communication Skills	3	0	0	3
PBI-221	Punjabi Bhasha Ate Karji Punjabi	3	0	0	3
MMI-221	Music Ins. (Major)(Theory)– 4	6	0	0	6
MMI-222	Music Ins. (Major) (Practical) – 4	0	0	6	6
MTB-223	Tabla (Minor) -4	0	0	3	3
MGS-224	Gurmat Sangeet (Supporting) (with String Ins.)-4	0	0	3	3
	Total				24
Semester V					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-301	Business Communication Skills	3	0	0	3
GSES-301	Value Education, Ethics & Human Rights	3	0	0	3
MMI-301	Music Ins.(Major) (Theory) – 5	6	0	0	6
MMI-302	Music Ins. (Major) (Practical) – 5	0	0	6	6
MTB-303	Tabla (Minor) -5	0	0	3	3
MGS-304	Gurmat Sangeet (Supporting) (with String Ins.)-5	0	0	3	3
	Total				24
Semester VI					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-321	Employment Communication Skills	3	0	0	3
GSES-321	Environmental Studies	3	0	0	3
MMI-321	Music Ins.(Major) (Theory)– 6	6	0	0	6
MMI-322	Music Ins. (Major) (Practical) – 6	0	0	6	6
MTB-323	Tabla (Minor) -6	0	0	3	3
MGS-324	Gurmat Sangeet (Supporting) (with String Ins.)-6	0	0	3	3
	Total				24

B.A. Music (Tabla)

Semester I					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-101	Basic Communication Skills	3	0	0	3
COMP-101	Computer Fundamentals	2	0	2	4
MTB-101	Tabla (Major) (Theory) -1	4	0	0	4
MTB-102	Tabla (Major) (Practical) - 1	0	0	5	5
MGS-103	Gurmat Sangeet (Minor) - 1	2	0	2	4
MMI-104	Music Instrumental (Supporting) - 1	2	0	2	4
	Total				24
Semester II					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-121	Advance Communication Skills	3	0	0	3
PBI-121	BhashaVigyan ate Veeakaran	3	0	0	3
MTB-121	Tabla (Major) (Theory) - 2	5	0	0	5
MTB-122	Tabla (Major) (Practical) - 2	0	0	5	5
MGS-123	Gurmat Sangeet (Minor) –2	2	0	2	4
MMI-124	Music Instrumental (Supporting) -2	2	0	2	4
	Total				24
Semester III					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-201	Fundamental Communication Skills	3	0	0	3
PBI-201	Punjabi Sahit ate Sahit Itihas	3	0	0	3
MTB-201	Tabla (Theory) (Major) -3	6	0	0	6
MTB-202	Tabla (Practical) (Major) -3	0	0	6	6
MGS-203	Gurmat Sangeet (Minor) -3	0	0	3	3
MMI-204	Music Instrumental(Supporting) -3	0	0	3	3
	Total				24

Semester IV					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-221	Management Communication Skills	3	0	0	3
PBI-221	Punjabi Bhasha Ate Karji Punjabi	3	0	0	3
MTB-221	Tabla (Theory) (Major) -4	6	0	0	6
MTB-222	Tabla (Practical) (Major) -4	0	0	6	6
MGS-223	Gurmat Sangeet(Minor) –4	0	0	3	3
MMI-224	Music Instrumental(Supporting)-4	0	0	3	3
	Total				24
Semester V					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-301	Business Communication Skills	3	0	0	3
GSES-301	Value Education, Ethics & Human Rights	3	0	0	3
MTB-301	Tabla (Theory) (Major) -5	6	0	0	6
MTB-302	Tabla (Practical) (Major) -5	0	0	6	6
MGS-303	Gurmat Sangeet (Minor) – 5	0	0	3	3
MMI-304	Music Instrumental(Supporting) -5	0	0	3	3
	Total				24
Semester VI					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
ENG-321	Employment Communication Skills	3	0	0	3
GSES-321	Environmental Studies	3	0	0	3
MTB-321	Tabla (Theory) (Major) –6	6	0	0	6
MTB-322	Tabla (Practical) (Major) -6	0	0	6	6
MGS-323	Gurmat Sangeet (Minor) –6	0	0	3	3
MMI-324	Music Instrumental(Supporting)-6	0	0	3	3
	Total				24

B.Tech. in Electronics & Communication Engineering

Semester I					
Course code	Course Title	L	T	P	Credits
CHEM105	Applied Chemistry	3	0	1	4
CSE101	Introduction to Computers& IT Tools	2	0	1	3
ECE101	Basic Electronics	3	1	1	5
ENG111	Professional Communication Skills	3	0	0	3
MATH111	Calculus, Matrices & Differential Equations	3	1	0	4
MET101	Engineering Mechanics	3	1	1	5
PHY105	Mechanics & Optical Physics	3	0	1	4
	Total				28
Semester II					
Course code	Course Title	L	T	P	Credits
CSE102	Problem Solving & Programming in C	2	0	2	4
EE101	Basic Electrical Engineering	3	1	1	5
ENG112	Effective writing Skills	3	0	0	3
EVS301	Environmental Studies	3	0	0	3
MATH112	Special Functions & Integral Transformations	3	1	0	4
MET102	Engineering Graphics	2	1	1	4
MET103	Workshop Practices	0	0	2	2
PHY115	Quantum Mechanics& Solid State Physics	3	0	1	4
	Total				29
Semester III					
Course code	Course Title	L	T	P	Credits
CSE201	Object Oriented Programming using C++	3	1	1	5
ECE201	Analog Electronics	3	1	1	5
ECE204	Non conventional electrical power generation	3	1	0	4
ECE202	Circuits & Systems	3	1	1	5
ECE203	Electronic Measurements & Measuring Instruments	3	1	1	5
MATH211	Probability Theory & Numerical Techniques	3	1	0	4
ECE490	Industrial Training	0	0	0	0

	Total				28
Semester IV					
Course code	Course Title	L	T	P	Credits
CSE202	Data Structures	3	1	1	5
CSE207	Operating Systems	3	1	1	5
ECE205	Digital Circuits & Systems	3	1	1	5
ECE206	Principles of Analog Communication	3	1	1	5
EE201	Electrical machines & drives	3	1	0	4
PHY112	Electromagnetic Fields & Transmission Lines	3	1	0	4
ECE490	Industrial Training Viva Voce	0	0	0	1
	Total				29
Semester V					
Course code	Course Title	L	T	P	Credits
CSE311	Computer Architecture	3	1	0	4
ECE301	Digital circuits design using VHDL	3	1	1	5
ECE302	Microprocessor Systems & Applications	3	1	1	5
ECE303	Digital Communication	3	1	1	5
ECE304	Control Engineering	3	1	1	5
ENG403	Communication skills and personality development	0	0	1	1
MGT301	Principle of Management & Organizational Behaviour	3	1	0	4
ECE490	Industrial Training	0	0	0	0
	Total				29
Semester VI					
Course code	Course Title	L	T	P	Credits
CSE204	Software Engineering	3	1	0	4
CSE317	Computer Networks	3	1	0	4
ECE305	<u>Microwave Engineering</u>	3	1	1	5
ECE306	VLSI Design	3	1	1	5
ECE307	Telecommunication Networks	3	1	1	5
ECE308	Digital Signal Processing & its Applications**	3	1	1	5
ENG404	Business Communication and Presentation Skills	0	0	1	1

ECE490	Industrial Training Viva Voce	0	0	0	1
	Total				30
Semester VII					
Course code	Course Title	L	T	P	Credits
ECE401	Antenna & Wave Propagation	3	1	0	4
ECE402	Television Engineering*	3	1	0	4
ECE403	Optical Fiber Communication	3	1	1	5
ECE404	RADAR & Navigational aids	3	1	0	4
ECE405	Microcontroller & Embedded systems	3	1	1	5
ECE406	Cellular & Satellite Communication	3	1	0	4
ECE407	Biomedical Electronics*	3	1	0	4
ECE408	Consumer Electronics Lab	0	0	1	1
	Total				27
Semester VIII					
Course code	Course Title	L	T	P	Credits
ECE500	Major Project	0	0	0	14
	Total				14

*Elective Any one of the two courses

B.Tech. in Computer Science & Engineering

Semester I					
Course code	Course Title	L	T	P	Credits
CHEM105	Applied Chemistry	3	0	1	4
CSE101	Introduction to Computers& IT Tools	2	0	1	3
ECE101	Basic Electronics	3	1	1	5
ENG111	Professional Communication Skills	3	0	0	3
MATH111	Calculus, Matrices & Differential Equations	3	1	0	4
MET101	Engineering Mechanics	3	1	1	5
PHY105	Mechanics & Optical Physics	3	0	1	4
	Total				28
Semester II					
Course code	Course Title	L	T	P	Credits
CSE102	Problem Solving & Programming in C	2	0	2	4
EE101	Basic Electrical Engineering	3	1	1	5
ENG112	Effective writing Skills	3	0	0	3
EVS301	Environmental Studies	3	0	0	3
MATH112	Special Functions & Integral Transformations	3	1	0	4
MET102	Engineering Graphics	2	1	1	4
MET103	Workshop Practices	0	0	2	2
PHY115	Quantum Mechanics& Solid State Physics	3	0	1	4
	Total				29
Semester III					
Course code	Course Title	L	T	P	Credits
CSE201	Object Oriented Programming using C++	3	0	1	4
CSE202	Data Structures	3	0	1	4
CSE203	Emerging Technologies & Current IT Trends	3	1	0	4
CSE490	Industrial Training	0	0	0	0
ECE201	Analog Electronics	3	0	1	4
ECE202	Circuits and Systems	3	0	1	4
MATH211	Probability Theory & Numerical Techniques	3	1	0	4

	Total				28
Semester IV					
Course code	Course Title	L	T	P	Credits
CSE204	Software Engineering	3	0	1	4
CSE205	Algorithm Analysis & Design	3	0	1	4
CSE206	Computer Graphics	3	0	1	4
CSE207	Operating Systems	3	0	1	4
CSE490	Industrial Training Viva Voce	0	0	0	2
ECE205	Digital Circuits & Systems	3	0	1	4
ECE207	Communication Systems	3	1	0	4
	Total		5		29
Semester V					
Course code	Course Title	L	T	P	Credits
CSE310	System software**	3	1	0	4
CSE311	Java Programming	3	0	1	4
CSE312	Computer Architecture	3	1	0	4
CSE313	Linux & X-Windows Programming	3	0	1	4
CSE314	Database Management Systems	3	0	1	4
CSE315	Artificial Intellegence	3	1	0	4
CSE490	Industrial Training	0	0	0	0
ENG403	Communication Skills & Personality Development	0	0	1	1
MGT 301	Principle of Management & Organizational Behaviour	3	1	0	4
	Total				29
Semester VI					
Course code	Course Title	L	T	P	Credits
CSE316	Object Oriented Software Engineering	3	0	1	4
CSE317	Computer Networks	3	0	1	4
CSE318	Data Warehousing & Data Mining	3	0	1	4
CSE319	Multimedia Technologies	3	0	1	4
CSE320	Advanced computer Architecture**	3	1	0	4
CSE490	Industrial Training Viva Voce	0	0	0	2

ECE302	Microprocessor Systems & Applications	3	0	1	4
	Total		5		26
Semester VII					
Course code	Course Title	L	T	P	Credits
CSE401	Software Testing & Quality Assurance	3	0	1	4
CSE402	Mobile Computing	3	1	0	4
CSE403	Theory of Computations	3	1	0	4
CSE404	Cryptography & Internet Security	3	1	0	4
CSE405	Network Programming	3	0	1	4
CSE406	Web Services *	3	0	1	4
CSE410	Parallel Computing	3	1	0	4
	Total		3		28
Semester VIII					
Course code	Course Title	L	T	P	Credits
CSE500	Major Project	0	0	0	14
	Total				14

B.A (Hons.) Economics

Semester I					
Course code	Course Title	L	T	P	Credits
ECON101	Microeconomic Theory – I	5	1	0	6
ECON102	Economics of Agriculture	4	1	0	5
ENG 111	English & Communication Skills	4	1	0	5
MATH113	Mathematical Methods for Economics-I	5	1	0	6
ECON390	Seminar	1	0	0	1
	Total				23
Semester II					
Course code	Course Title	L	T	P	Credits
ECON103	Microeconomic Theory – II	5	1	0	6
ECON104	Economics of Industry	4	1	0	5
ECON105	Regional Economics	4	1	0	5
MATH114	Mathematical Methods for Economics-II	5	1	0	6
ECON391	Seminar	1	0	0	1
	Total				23
Semester III					
Course code	Course Title	L	T	P	Credits
ECON201	Macroeconomic Theory –I	5	1	0	6
ECON202	Indian Economy since Independence	5	1	0	6
ECON203	Labour Economics	4	1	0	5
MATH213	Statistical Methods for Economics	4	1	0	5
ECON392	Seminar	1	0	0	1
	Total				23
Semester IV					
Course code	Course Title	L	T	P	Credits
ECON204	Macroeconomic Theory –I	5	1	0	6
ECON205	International Economics	4	1	0	5
ECON206	Money and Finance Markets	5	1	0	6
ECON207	Public Economics	4	1	0	5

ECON393	Seminar	1	0	0	1
	Total				23
Semester V					
Course code	Course Title	L	T	P	Credits
ECON301	Development Economics-I	4	1	0	5
ECON302	History of Economic Thought	4	1	0	5
ECON303	Econometrics	4	1	0	5
ECON304	Resources and Environmental Economics	4	1	0	5
ECON394	Seminar	1	0	0	1
	Total				21
Semester VI					
Course code	Course Title	L	T	P	Credits
ECON305	Development Economics-II	4	1	0	5
ECON306	Comparative Economic Development	4	1	0	5
ECON307	Institutional Economics	4	1	0	5
ECON308	Health Economics	4	1	0	5
ECON395	Seminar	1	0	0	1
	Total				21

B.Ed.

Semester I					
Course code	Course Title	L	T	P	Credits
EDU- 401	Sociological Perspectives of Education	4	0	0	4
EDU- 402	Psychological Perspectives of Education	4	0	0	4
EDU- 403	Curriculum Transaction and Evaluation Process	4	0	0	4
EDU- 404	Pedagogical I	2	0	1	3
EDU- 405	Pedagogical II	2	0	1	3
EDU- 406	Classroom Communication	1	0	1	2
EDU- 407	Technology Mediated Communication	1	0	1	2
EDU- 408	Communicative English I	1	0	1	2
EDU- 409	Work Education	1	0	1	2
EDU- 410	Teaching Skill Development I	0	0	4	4
EDU- 411	Teaching Skill Development II	0	0	4	4
	Total				34
Semester II					
Course code	Course Title	L	T	P	Credits
EDU- 412	Philosophical Perspectives of Education	4	0	0	4
EDU- 413	Educational Policies and Issues	4	0	0	4
EDU- 414	Elective Course	4	0	0	4
EDU- 415	Pedagogical I	2	0	1	3
EDU- 416	Pedagogical II	2	0	1	3
EDU- 417	Teaching Strategies for Effective Classroom Communication	1	0	1	2
EDU- 418	Computers for Effective Education	1	0	1	2
EDU- 419	Communicative English II	1	0	1	2
EDU- 420	Sports, Yoga and Life Skills	1	0	1	2
EDU- 421	Teaching Skill Development I	0	0	4	4
EDU- 422	Teaching Skill Development II	0	0	4	4
	Total				34

B.Sc. Medical

Semester I					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
English					
ENG-101	Basic Communication Skills	3	0	0	3
Computer Application					
COMP-101	Computer Fundamentals	2	0	2	4
Core Elective Subjects:					
Biology					
BIO-101	Origin of Life and Evolution	2	0	1	3
BIO-102	Cell Biology	2	0	1	3
Chemistry					
CHEM-101	Basic Organic Chemistry	2	0	0	2
CHEM-102	Basic In-organic Chemistry	2	0	0	2
CHEM-103	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					
Applied Microbiology					
MIC-101	General Microbiology	2	0	1	3
MIC-102	Microbial Physiology and Genetics	2	0	1	3
Agriculture					
AGR-101	Agriculture & Farming System	2	0	1	3
AGR-102	Fundamentals of Soil Science	2	0	1	3
Food Nutrition & Technology					
FNT-101	Principles of Food Processing & Preservation	2	0	1	3
FNT-102	Food Standards & Quality Assurance	2	0	1	3
Public Health					
PH-101	Introduction to Public Health	2	0	1	3
PH-102	Public Health Biology	2	1	0	3
Teaching Methodology					
EDU-401	Sociological Perspective of Education	2	0	1	3
EDU-402	Psychological Perspectives of Education	2	0	1	3
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-101	Principle of Physical Education	3	0	0	3
PES-102	Indoor Games	1	0	2	3
Library and Information Science					
LIS-101	Library and Society	3	0	0	3
LIS-102	Library and Users	2	0	1	3
Arts and Crafts					
ARC-101	History and Appreciation of Art-1	3	0	0	3
ARC-102	Still Life	0	0	3	3
Music					
MUS-101	Gurmat Sangeet (Theory)-1	2	1	0	3
MUS-102	Gurmat Sangeet (Practical)-1	0	0	3	3
	Total				
Semester II					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
English					

ENG-121	Advance Communication Skills	3	0	0	3
Computer Application					
COMP-121	Problem Solving & Programming in C Language	2	0	2	4
Core Elective Subjects:					
Biology					
BIO-121	Animal Biodiversity and Bio-prospecting	2	0	1	3
BIO-122	Plant Biodiversity and Bio-prospecting	2	0	1	3
Chemistry					
CHEM-121	Basic Physical Chemistry	2	0	0	2
CHEM-122	Chemistry of D & F Block Elements	2	0	0	2
CHEM-123	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					
Applied Microbiology					
MIC-121	Molecular Biology and Biotechnology	2	0	1	3
MIC-122	Microbiological Techniques	2	0	1	3
Agriculture					
AGR-121	Agronomy	2	0	1	3
AGR-122	Plant Breeding	2	0	1	3
Food Nutrition & Technology					
FNT-121	Food Additives	2	0	1	3
FNT-122	Dairy Technology	2	0	1	3
Public Health					
PH-121	Occupational Health	2	0	1	3
PH-122	Global Health Foundation & Human Rights	2	0	1	3
Teaching Methodology					
EDU-403	Curriculum Transaction and Evaluation Process	2	0	1	3
EDU-415	Pedagogical-I (Teaching of English)	2	0	1	3
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-121	Education & Sports Psychology	3	0	0	3
PES-122	Gym	1	0	2	3
Library and Information Science					
LIS-121	Knowledge Organization, Information Processing and Retrieval (Classification)	3	0	0	3
LIS-122	Knowledge Organization, Information Processing and Retrieval (Cataloguing)	3	0	0	3
Arts and Crafts					
ARC-121	Crafts	1	0	2	3
ARC-122	Design	0	0	3	3
Music					
MUS-121	Gurmat Sangeet (Theory)-2	2	1	0	3
MUS-122	Gurmat Sangeet (Practical)-2	0	0	3	3
Total					
Semester III					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
Punjabi					
PBI-201	Punjabi Sahit Ate Sahit Itihas	3	0	0	3
Core Elective Subjects:					
Biology					

BIO-201	Animal Anatomy and Physiology	2	0	1	3
BIO-202	Plant Anatomy and Physiology	2	0	1	3
Chemistry					
CHEM-201	Thermodynamics & Solution Chemistry	2	0	0	2
CHEM-202	Stereochemistry & Reaction Mechanism	2	0	0	2
CHEM-203	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					
Applied Microbiology					
MIC-201	Fermentation Technology	2	0	1	3
MIC-202	Industrial Microbiology	2	0	1	3
Agriculture					
AGR-201	Plant Pathology	2	0	1	3
AGR-202	Entomology	2	0	1	3
Food Nutrition & Technology					
FNT-201	Food Microbiology	2	0	1	3
FNT-202	Packaging Technology	2	0	1	3
Public Health					
PH-201	International Health-A Global Context	2	0	1	3
PH-202	Women Health Care	2	0	1	3
Teaching Methodology					
EDU-416	Pedagogical-II (Teaching of Maths/Life Science/ Physical Sciences/ Social Sciences)	2	0	1	3
EDU-406	Classroom Communication	2	0	1	3
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-201	Health Education	3	0	0	3
PES-202	Athletics-1	1	0	2	3
Library and Information Science					
LIS-201	Dewey Decimal Classification	0	0	3	3
LIS-202	Colon Classification	0	0	3	3
Arts and Crafts					
ARC-201	Painting	0	0	3	3
ARC-202	History and Appreciation of Art-2	3	0	0	3
Music					
MUS-201	Gurmat Sangeet (Theory)-3	2	1	0	3
MUS-202	Gurmat Sangeet (Practical)-3	0	0	3	3
Total					
Semester IV					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
Punjabi					
PBI-221	Punjabi Bhasha Ate Karji Punjabi	3	0	0	3
Core Elective Subjects:					
Biology					
BIO-221	Developmental Biology	2	0	1	3
BIO-222	Ecology and Behavior	2	0	1	3
Chemistry					
CHEM-221	Molecular Rearrangement & Heterocyclic Chemistry	2	0	0	2
CHEM-222	Chemical Bonding & Co-ordination Chemistry	2	0	0	2
CHEM-223	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					

Applied Microbiology					
MIC-221	Agricultural Microbiology	2	0	1	3
MIC-222	Bio-fertilizer Technology	2	0	1	3
Agriculture					
AGR-221	Principles of Seed Technology	2	0	1	3
AGR-222	Fundamentals of Horticulture	2	0	1	3
Food Nutrition & Technology					
FNT-221	Nutrition and Health	2	0	1	3
FNT-222	Unit Operations in Food Processing	2	0	1	3
Public Health					
PH-221	Human Nutrition and Public Health	2	0	1	3
PH-222	Children's Health	2	0	1	3
Teaching Methodology					
EDU-407	Technology Mediated Communication	2	0	1	3
EDU-414	Educational Guidance & Counseling	2	0	1	3
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-221	Anatomy and Physiology	2	0	1	3
PES-222	Athletics-2	1	0	2	3
Library and Information Science					
LIS-221	American Catalogue Rules	0	0	3	3
LIS-222	Classification Catalogue Code	0	0	3	3
Arts and Crafts					
ARC-221	Principle of Art Education	3	0	0	3
ARC-222	Geometrical Drawing	0	0	3	3
Music					
MUS-221	Gurmat Sangeet (Theory)-4	2	1	0	3
MUS-222	Gurmat Sangeet (Practical)-4	0	0	3	3
	Total				
Semester V					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
General Studies & Environmental Science					
GSES-301	Value Education, Ethics & Human Rights	3	0	0	3
Core Elective Subjects:					
Biology					
BIO-301	Principles of Molecular Biology	2	0	1	3
BIO-302	Genetics	2	0	1	3
Chemistry					
CHEM-301	Quantum Chemistry & Electrochemistry	2	0	0	2
CHEM-302	Study of Biomolecules & Synthetic Polymers	2	0	0	2
CHEM-303	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					
Applied Microbiology					
MIC-301	Microbiology of Waste Water	2	0	1	3
MIC-302	Environmental Microbiology	2	0	1	3
Agriculture					
AGR-301	Agricultural Engineering	2	0	1	3
AGR-302	Agricultural Biotechnology	2	0	1	3
Food Nutrition & Technology					
FNT-301	Technology of Fruits and Vegetables	2	0	1	3
FNT-302	Pulses & Oil Seeds Technology	2	0	1	3

Public Health					
PH-301	Health Care Administration	2	0	1	3
PH-302	Geriatric Health	2	0	1	3
Teaching Methodology					
EDU-423	Inclusive Education	2	0	1	3
EDU-421	Teaching Skill Development-I	2	0	1	3
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-301	Officiating and Coaching	3	0	0	3
PES-302	Outdoor Games and Sports-1	1	0	2	3
Library and Information Science					
LIS-301	Reference Services	2	0	1	3
LIS-302	Library Automation	1	0	2	3
Arts and Crafts					
ARC-301	Commercial Art	0	0	3	3
ARC-302	Computer Arts and Crafts	1	0	2	3
Music					
MUS-301	GurmatSangeet (Theory)-5	2	1	0	3
MUS-302	GurmatSangeet (Practical)-5	0	0	3	3
	Total				
Semester VI					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
General Studies & Environmental Science					
GSES-321	Environmental Studies	3	0	0	3
Core Elective Subjects:					
Biology					
BIO-321	Biotechnology	2	0	1	3
BIO-322	Applied Biology	2	0	1	3
Chemistry					
CHEM-321	Organometallics Compounds & Spectra of Transition Metal Complexes	2	0	0	2
CHEM-322	Spectroscopy and Photochemistry	2	0	0	2
CHEM-323	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					
Applied Microbiology					
MIC-321	Food Microbiology	2	0	1	3
MIC-322	Medical Microbiology	2	0	1	3
Agriculture					
AGR-321	Post-harvest Technology	2	0	1	3
AGR-322	Agricultural Economics	2	0	1	3
Food Nutrition & Technology					
FNT-321	Chemistry and Technology of Cereals	2	0	1	3
FNT-322	Food Biotechnology	2	0	1	3
Public Health					
PH-321	Emergencies & Injuries in Public Health	2	0	1	3
PH-322	Social and Behavioral Health	2	1	0	3
Teaching Methodology					
EDU-422	Teaching Skill Development-II	2	0	1	3
EDU-424	Value Education & Community Service	2	0	1	3
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					

PES-321	Games and Tournament	3	0	0	3
PES-322	Outdoor Games and Sports-2	1	0	2	3
Library and Information Science					
LIS-321	Library Management Training	0	0	6	6
Arts and Crafts					
ARC-321	Art Education Psychology	3	0	0	3
ARC-322	Skill in Teaching of Arts and Crafts	0	0	3	3
Music					
MUS-321	Gurmat Sangeet (Theory)-6	2	1	0	3
MUS-322	Gurmat Sangeet (Practical)-6	0	0	3	3
	Total				

Note: Students have to read compulsory subjects, core elective subjects and any one (opt) vocational elective subjects mentioned in above said different semesters throughout the B.Sc. degree. Once elect subjects and add on diploma course cannot be changed in any next semester. Students can take only next numbers/papers of once elected subjects and add on diploma course.

B.Sc. Non-Medical

Semester I					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
English					
ENG-101	Basic Communication Skills	3	0	0	3
Computer Application					
COMP-101	Computer Fundamentals	2	0	2	4
Core Elective Subjects:					
Mathematics					
MATH-105	Vector Calculus	2	0	0	2
MATH-102	Calculus	3	0	0	3
Physics					
PHY-101	Mechanics	2	0	1	3
PHY-102	Statistical & Thermodynamics	2	0	1	3
Chemistry					
CHEM-101	Basic Organic Chemistry	2	0	0	2
CHEM-102	Basic In-organic Chemistry	2	0	0	2
CHEM-103	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					
Electronic Instrumentation					
EC-101	Basic Electronics	3	0	1	4
EC-103	Electronic Components & Materials	3	0	0	3
Computer Applications					
COMP-102	Introduction to IT	2	0	1	3
Business Organization & Management					
BOM-101	Office Organization & Management	3	0	0	3
BOM-102	Interpersonal Communication	2	0	0	2
Teaching Methodology					
EDU-401	Sociological Perspective of Education	2	0	1	3
EDU-402	Psychological Perspectives of Education	2	0	1	3
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-101	Principle of Physical Education	3	0	0	3
PES-102	Indoor Games	1	0	2	3
Library and Information Science					
LIS-101	Library and Society	3	0	0	3
LIS-102	Library and Users	2	0	1	3
Arts and Crafts					
ARC-101	History and Appreciation of Art-1	3	0	0	3
ARC-102	Still Life	0	0	3	3
Music					
MUS-101	Gurmat Sangeet (Theory)-1	2	1	0	3
MUS-102	Gurmat Sangeet (Practical)-1	0	0	3	3
Total					
Semester II					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
English					
ENG-121	Advance Communication Skills	3	0	0	3

Computer Application					
COMP-121	Problem Solving & Programming in C Language	2	0	2	4
Core Elective Subjects:					
Mathematics					
MATH-104	Ordinary Differential Equations	3	0	0	3
MATH-101	Algebra	3	0	0	3
Physics					
PHY-121	Electricity & magnetism	2	0	1	3
PHY-122	Vibration & Waves	2	0	1	3
Chemistry					
CHEM-121	Basic Physical Chemistry	2	0	0	2
CHEM-122	Chemistry of D & F Block Elements	2	0	0	2
CHEM-123	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					
Electronic Instrumentation					
EC-202	Analog Electronics	3	0	0	3
EE-101	Basic Electrical Engineering	3	0	1	4
Computer Applications					
COMP-122	Data Communication & Networking	2	0	2	4
Business Organization & Management					
BOM-121	Business Communication & File Record	2	0	0	2
BOM-122	Accountancy	3	0	0	3
Teaching Methodology					
EDU-403	Curriculum Transaction and Evaluation Process	2	0	1	3
EDU-415	Pedagogical-I (Teaching of English)	2	0	1	3
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-121	Education & Sports Psychology	3	0	0	3
PES-122	Gym	1	0	2	3
Library and Information Science					
LIS-121	Knowledge Organization, Information Processing and Retrieval (Classification)	3	0	0	3
LIS-122	Knowledge Organization, Information Processing and Retrieval (Cataloguing)	3	0	0	3
Arts and Crafts					
ARC-121	Crafts	1	0	2	3
ARC-122	Design	0	0	3	3
Music					
MUS-121	Gurmat Sangeet (Theory)-2	2	1	0	3
MUS-122	Gurmat Sangeet (Practical)-2	0	0	3	3
	Total				
Semester III					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
Punjabi					
PBI-201	Punjabi Sahit Ate Sahit Itihas	3	0	0	3
Core Elective Subjects:					
Mathematics					
MATH-201	Numerical Methods	3	0	0	3
STAT-201	Statistics	2	0	0	2

Physics					
PHY-201	Optics	2	0	1	3
Chemistry					
CHEM-201	Thermodynamics & Solution Chemistry	2	0	0	2
CHEM-202	Stereochemistry & Reaction Mechanism	2	0	0	2
CHEM-203	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					
Electronic Instrumentation					
EC-205	Electronic Measurements & Measuring Instruments	3	0	1	4
EC-321	Fiber Optics & Laser Instruments	3	0	0	3
Computer Applications					
COMP-201	Web Programming Using HTML	2	0	1	3
Business Organization & Management					
BOM-201	HRM & Secretarial Practices	2	0	0	2
BOM-202	Modern Office Procedure & Practices	2	0	1	3
Teaching Methodology					
EDU-416	Pedagogical-II (Teaching of Maths/Life Science/ Physical Sciences/ Social Sciences)	2	0	1	3
EDU-406	Classroom Communication	2	0	1	3
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-201	Health Education	3	0	0	3
PES-202	Athletics-1	1	0	2	3
Library and Information Science					
LIS-201	Dewey Decimal Classification	0	0	3	3
LIS-202	Colon Classification	0	0	3	3
Arts and Crafts					
ARC-201	Painting	0	0	3	3
ARC-202	History and Appreciation of Art-2	3	0	0	3
Music					
MUS-201	Gurmat Sangeet (Theory)-3	2	1	0	3
MUS-202	Gurmat Sangeet (Practical)-3	0	0	3	3
Total					
Semester IV					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
Punjabi					
PBI-221	Punjabi Bhasha Ate Karji Punjabi	3	0	0	3
Core Elective Subjects:					
Mathematics					
MATH-203	Sequences & Series	3	0	0	3
MATH-205	Partial Differential Equations	2	0	0	2
Physics					
PHY-221	Atomic & Molecular Physics	2	0	1	3
Chemistry					
CHEM-221	Molecular Rearrangement & Heterocyclic Chemistry	2	0	0	2
CHEM-222	Chemical Bonding & Co-ordination Chemistry	2	0	0	2
CHEM-223	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					
Electronic Instrumentation					

EE-202	Electrical Machine & Drives	3	0	0	3
EC-206	Digital Electronics	3	0	1	4
Computer Applications					
COMP-221	Software Engineering	3	0	0	3
Business Organization & Management					
BOM-221	Computerized Accounting	1	0	2	3
BOM-222	Office Management Project Work	0	0	2	2
Teaching Methodology					
EDU-407	Technology Mediated Communication	2	0	1	3
EDU-414	Educational Guidance & Counseling	2	0	1	3
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-221	Anatomy and Physiology	2	0	1	3
PES-222	Athletics-2	1	0	2	3
Library and Information Science					
LIS-221	American Catalogue Rules	0	0	3	3
LIS-222	Classification Catalogue Code	0	0	3	3
Arts and Crafts					
ARC-221	Principle of Art Education	3	0	0	3
ARC-222	Geometrical Drawing	0	0	3	3
Music					
MUS-221	Gurmat Sangeet (Theory)-4	2	1	0	3
MUS-222	Gurmat Sangeet (Practical)-4	0	0	3	3
	Total				
Semester V					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
General Studies & Environmental Science					
GSES-301	Value Education, Ethics & Human Rights	3	0	0	3
Core Elective Subjects:					
Mathematics					
MATH-302	Groups & Rings	3	0	0	3
MATH-301	Real Analysis	2	0	0	2
Physics					
PHY-301	Solid State Physics & Electronics	2	0	1	3
Chemistry					
CHEM-301	Quantum Chemistry & Electrochemistry	2	0	0	2
CHEM-302	Study of Biomolecules & Synthetic Polymers	2	0	0	2
CHEM-303	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					
Electronic Instrumentation					
EC-311	Microprocessor System & Applications	3	0	0	3
EC-313	Control Engineering	3	0	0	3
Computer Applications					
COMP-301	Programming in C++	2	0	1	3
Business Organization & Management					
BOM-301	Management Information System & e-business	1	0	1	3
BOM-302	Financial Management	3	0	0	3
Teaching Methodology					
EDU-423	Inclusive Education	2	0	1	3
EDU-421	Teaching Skill Development-I	2	0	1	3

Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-301	Officiating and Coaching	3	0	0	3
PES-302	Outdoor Games and Sports-1	1	0	2	3
Library and Information Science					
LIS-301	Reference Services	2	0	1	3
LIS-302	Library Automation	1	0	2	3
Arts and Crafts					
ARC-301	Commercial Art	0	0	3	3
ARC-302	Computer Arts and Crafts	1	0	2	3
Music					
MUS-301	GurmatSangeet (Theory)-5	2	1	0	3
MUS-302	GurmatSangeet (Practical)-5	0	0	3	3
Total					
Semester VI					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
General Studies & Environmental Science					
GSES-321	Environmental Studies	3	0	0	3
Core Elective Subjects:					
Mathematics					
MATH-305	Programming in C & Numerical Techniques	0	0	2	2
MATH-307	Dynamics	3	0	0	3
Physics					
PHY-321	Nuclear Physics	2	0	1	3
Chemistry					
CHEM-321	Organometallics Compounds & Spectra of Transition Metal Complexes	2	0	0	2
CHEM-322	Spectroscopy and Photochemistry	2	0	0	2
CHEM-323	Laboratory Work	0	0	2	2
Vocational Elective Subjects (Elect any one subject):					
Electronic Instrumentation					
EC-407	Microcontroller & Embedded System	3	0	0	3
EC-408	Biomedical Electronics	3	0	0	3
Computer Applications					
COMP-321	Emerging Technology	3	0	0	3
Business Organization & Management					
BOM-321	Auditing & Taxation	3	0	0	3
BOM-322	Entrepreneurship	2	0	0	2
Teaching Methodology					
EDU-422	Teaching Skill Development-II	2	0	1	3
EDU-424	Value Education & Community Service	2	0	1	3
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-321	Games and Tournament	3	0	0	3
PES-322	Outdoor Games and Sports-2	1	0	2	3
Library and Information Science					
LIS-321	Library Management Training	0	0	6	6
Arts and Crafts					
ARC-321	Art Education Psychology	3	0	0	3
ARC-322	Skill in Teaching of Arts and Crafts	0	0	3	3
Music					

MUS-321	Gurmat Sangeet (Theory)-6	2	1	0	3
MUS-322	Gurmat Sangeet (Practical)-6	0	0	3	3
	Total				

Note: Students have to read compulsory subjects, core elective subjects and any one (opt) vocational elective subject as mentioned in above said different semesters throughout the B.Sc. degree. Once elect subjects and add on diploma course cannot be changed in any next semester. Students can take only next numbers/papers of once elected subjects and add on diploma course.

B.A.

Semester I					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
English					
ENG-101	Basic Communication Skills	3	0	0	3
Computer Application					
COMP-101	Computer Fundamentals	2	0	2	4
Elective Subjects: (Elect any Three Subjects)					
English Elective-A					
ENG-102	Communication Skills	3	0	0	3
English Elective-B					
ENG-103	Poetry	3	0	0	3
Punjabi Chonavi					
PBI-102	Sahit Sidhant Ate Sahit Vigyan	3	0	0	3
PBI-103	Sahit Aalochna Ate Sahit Itihaskari	3	0	0	3
Dharam Adhiyan					
RLS-101	Sri Guru Granth Sahib: Mahanta Ate Visheshta	3	0	0	3
RLS-102	Itihas: Sidhant Ate Sarot	2	0	0	2
Mathematics					
MATH-105	Vector Calculus	2	0	0	2
MATH-101	Algebra	3	0	0	3
Computer Applications					
COMP-102	Introduction to IT	2	0	1	3
Teaching Methodology					
EDU-401	Sociological Perspective of Education	2	0	1	3
EDU-402	Psychological Perspectives of Education	2	0	1	3
Business Organization & Management					
BOM-101	Office Organization & Management	3	0	0	3
BOM-102	Interpersonal Communication	2	0	0	2
Physical Education & Sports*					
PES-101	Principle of Physical Education	3	0	0	3
PES-102	Indoor Games	1	0	2	3
Library and Information Science*					
LIS-101	Library and Society	3	0	0	3
LIS-102	Library and Users	2	0	1	3
Arts and Crafts*					
ARC-101	History and Appreciation of Art-1	3	0	0	3
ARC-102	Still Life	0	0	3	3
Economics					
ECON-101	Microeconomic Theory-I	5	1	0	6
ECON-102	Economics of Agriculture	4	1	0	5
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-101	Principle of Physical Education	3	0	0	3
PES-102	Indoor Games	1	0	2	3
Library and Information Science					
LIS-101	Library and Society	3	0	0	3
LIS-102	Library and Users	2	0	1	3
Arts and Crafts					
ARC-101	History and Appreciation of Art-1	3	0	0	3

ARC-102	Still Life	0	0	3	3
Music					
MUS-101	Gurmat Sangeet (Theory)-1	2	1	0	3
MUS-102	Gurmat Sangeet (Practical)-1	0	0	3	3
Total					
Semester II					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
English					
ENG-121	Advance Communication Skills	3	0	0	3
Punjabi					
PBI-121	BhashaVigyan Ate Vyakaran	3	0	0	3
Elective Subjects: (Elect any Three Subjects)					
English Elective-A					
ENG-122	Effective Communication Skills	3	0	0	3
English Elective-B					
ENG-123	Short Stories	3	0	0	3
Punjabi Chonavi					
PBI-122	Gurmat Kav	3	0	0	3
PBI-123	Punjabi Vartak	3	0	0	3
Dharam Adhiyan					
RLS-121	Gur Itihas	3	0	0	3
RLS-122	Rahit Maryada Ate Rahit Namme	2	0	0	2
Mathematics					
MATH-102	Calculus	3	0	0	3
MATH-104	Ordinary Differential Equations	3	0	0	3
Computer Applications					
COMP-121	Problem Solving & Programming in C Language	2	0	2	4
Teaching Methodology					
EDU-403	Curriculum Transaction and Evaluation Process	2	0	1	3
EDU-415	Pedagogical-I (Teaching of English)	2	0	1	3
Business Organization & Management					
BOM-121	Business Communication & File Record	2	0	0	2
BOM-122	Accountancy	3	0	0	3
Physical Education & Sports*					
PES-121	Education & Sports Psychology	3	0	0	3
PES-122	Gym	1	0	2	3
Library and Information Science*					
LIS-121	Knowledge Organization, Information Processing and Retrieval (Classification)	3	0	0	3
LIS-122	Knowledge Organization, Information Processing and Retrieval (Cataloguing)	3	0	0	3
Arts and Crafts*					
ARC-121	Crafts	1	0	2	3
ARC-122	Design	0	0	3	3
Economics					
ECON-104	Economics of Industry	4	1	0	5
ECON-105	Regional Economics	4	1	0	5
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					

PES-121	Education & Sports Psychology	3	0	0	3
PES-122	Gym	1	0	2	3
Library and Information Science					
LIS-121	Knowledge Organization, Information Processing and Retrieval (Classification)	3	0	0	3
LIS-122	Knowledge Organization, Information Processing and Retrieval (Cataloguing)	3	0	0	3
Arts and Crafts					
ARC-121	Crafts	1	0	2	3
ARC-122	Design	0	0	3	3
Music					
MUS-121	Gurmat Sangeet (Theory)-2	2	1	0	3
MUS-122	Gurmat Sangeet (Practical)-2	0	0	3	3
Total					
Semester III					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
English					
ENG-201	Fundamental Communication Skills	3	0	0	3
Punjabi					
PBI-201	Punjabi Sahit, Sidhant Ate Sahit Itihas	3	0	0	3
Elective Subjects: (Elect any Three Subjects)					
English Elective-A					
ENG-202	Advance Business Communication Skills	3	0	0	3
English Elective-B					
ENG-203	One Act Plays	3	0	0	3
Punjabi Chonavi					
PBI-202	Sufi, Kissa Ate Veer Kab	3	0	0	3
PBI-203	Punjabi Nattak Ate Ikangi	2	0	1	3
Dharam Adhiyan					
RLS-201	Gurmat Darshan	3	0	0	3
RLS-202	Sikh Itihas	3	0	0	3
Mathematics					
MATH-201	Numerical Methods	3	0	0	3
STAT-201	Statistics	2	0	0	2
Computer Applications					
COMP-201	Web Programming Using HTML	2	0	1	3
Teaching Methodology					
EDU-416	Pedagogical-II (Teaching of Maths/Life Science/ Physical Sciences/ Social Sciences)	2	0	1	3
EDU-406	Classroom Communication	2	0	1	3
Business Organization & Management					
BOM-201	HRM & Secretarial Practices	2	0	0	2
BOM-202	Modern Office Procedure & Practices	2	0	1	3
Physical Education & Sports*					
PES-201	Health Education	3	0	0	3
PES-202	Athletics-1	1	0	2	3
Library and Information Science*					
LIS-201	Dewy Decimal Classification	0	0	3	3
LIS-202	Colon Classification	0	0	3	3
Arts and Crafts*					
ARC-201	Painting	0	0	3	3

ARC-202	History and Appreciation of Art-2	3	0	0	3
Economics					
ECON-201	Macroeconomic Theory-I	5	1	0	6
ECON-203	Labour Economics	4	1	0	5
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-201	Health Education	3	0	0	3
PES-202	Athletics-1	1	0	2	3
Library and Information Science					
LIS-201	Dewy Decimal Classification	0	0	3	3
LIS-202	Colon Classification	0	0	3	3
Arts and Crafts					
ARC-201	Painting	0	0	3	3
ARC-202	History and Appreciation of Art-2	3	0	0	3
Music					
MUS-201	Gurmat Sangeet (Theory)-3	2	1	0	3
MUS-202	Gurmat Sangeet (Practical)-3	0	0	3	3
	Total				
Semester IV					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
English					
ENG-221	Management Communication Skills	3	0	0	3
Punjabi					
PBI-221	Punjabi Bhasha Ate Karji Punjabi	3	0	0	3
Elective Subjects: (Elect any Three Subjects)					
English Elective-A					
ENG-222	English for Technical Communication	3	0	0	3
English Elective-B					
ENG-223	Studies in Drama	3	0	0	3
Punjabi Chonavi					
PBI-222	Punjabi Galap	3	0	0	3
PBI-223	Aadhunik Punjabi Kavita	3	0	0	3
Dharam Adhiyan					
RLS-221	Gurbani Vyakhya Ate Vykaran	3	0	0	3
RLS-222	Sikh Dharam Itihas: Vakh-Vakh Najariye	3	0	0	3
Mathematics					
MATH-203	Sequences & Series	3	0	0	3
MATH-205	Partial Differential Equations	2	0	0	2
Computer Applications					
COMP-221	Software Engineering	3	0	0	3
Teaching Methodology					
EDU-407	Technology Mediated Communication	2	0	1	3
EDU-414	Educational Guidance & Counseling	2	0	1	3
Business Organization & Management					
BOM-221	Computerized Accounting	1	0	2	3
BOM-222	Office Management Project Work	0	0	2	2
Physical Education & Sports*					
PES-221	Anatomy and Physiology	2	0	1	3
PES-222	Athletics-2	1	0	2	3
Library and Information Science*					
LIS-221	American Catalogue Rules	0	0	3	3

LIS-222	Classification Catalogue Code	0	0	3	3
Arts and Crafts*					
ARC-221	Principle of Art Education	3	0	0	3
ARC-222	Geometrical Drawing	0	0	3	3
Economics					
ECON-205	International Economics	4	1	0	5
ECON-207	Public Economics	4	1	0	5
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-221	Anatomy and Physiology	2	0	1	3
PES-222	Athletics-2	1	0	2	3
Library and Information Science					
LIS-221	American Catalogue Rules	0	0	3	3
LIS-222	Classification Catalogue Code	0	0	3	3
Arts and Crafts					
ARC-221	Principle of Art Education	3	0	0	3
ARC-222	Geometrical Drawing	0	0	3	3
Music					
MUS-221	Gurmat Sangeet (Theory)-4	2	1	0	3
MUS-222	Gurmat Sangeet (Practical)-4	0	0	3	3
Total					
Semester V					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
English					
ENG-301	Business Communication Skills	3	0	0	3
General Studies& Environmental Science					
GSES-301	Value Education, Ethics & Human Rights	3	0	0	3
Elective Subjects: (Elect any Three Subjects)					
English Elective-A					
ENG-302	Technical Communication- Principle & Practices	3	0	0	3
English Elective-B					
ENG-303	Studies in Fiction	3	0	0	3
Punjabi Chonavi					
PBI-302	Punjabi Ate Samajaki Vigyan	3	0	0	3
PBI-303	Punjabi Vyakaran Di Parampara Ate Maujuda Halat	3	0	0	3
Dharam Adhiyan					
RLS-301	Natikta Ate Gurmat Sadachar	2	0	0	2
RLS-302	Nit Nem Ate Chaunaviya Baniya	3	0	0	3
Mathematics					
MATH-302	Groups & Rings	3	0	0	3
MATH-301	Real Analysis	2	0	0	2
Computer Applications					
COMP-301	Programing in C++	2	0	1	3
Teaching Methodology					
EDU-423	Inclusive Education	2	0	1	3
EDU-421	Teaching Skill Development-I	2	0	1	3
Business Organization & Management					
BOM-301	Management Information System & e-business	1	0	1	2

BOM-302	Financial Management	3	0	0	3
Physical Education & Sports*					
PES-301	Officiating and Coaching	3	0	0	3
PES-302	Outdoor Games and Sports-1	1	0	2	3
Library and Information Science*					
LIS-301	Reference Services	2	0	1	3
LIS-302	Library Automation	1	0	2	3
Arts and Crafts*					
ARC-301	Commercial Art	0	0	3	3
ARC-302	Computer Arts and Crafts	1	0	2	3
Economics					
ECON-302	History of Economic Thought	4	1	0	5
ECON-304	Resources and Environmental Economics	4	1	0	5
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-301	Officiating and Coaching	3	0	0	3
PES-302	Outdoor Games and Sports-1	1	0	2	3
Library and Information Science					
LIS-301	Reference Services	2	0	1	3
LIS-302	Library Automation	1	0	2	3
Arts and Crafts					
ARC-301	Commercial Art	0	0	3	3
ARC-302	Computer Arts and Crafts	1	0	2	3
Music					
MUS-301	Gurmat Sangeet (Theory)-5	2	1	0	3
MUS-302	Gurmat Sangeet (Practical)-5	0	0	3	3
	Total				
Semester VI					
Compulsory Courses					
Course code	Course Title	L	T	P	Credits
English					
ENG-321	Employment Communication Skills	3	0	0	3
General Studies& Environmental Science					
GSES-321	Environmental Studies	3	0	0	3
Elective Subjects: (Elect any Three Subjects)					
English Elective-A					
ENG-322	Professional Writings & Communication Skills	3	0	0	3
English Elective-B					
ENG-323	Major Trends in the History of English Literature	3	0	0	3
Punjabi Chonavi					
PBI-322	Lok Dhara Ate Sabyachar: Sadharan Jankari	3	0	0	3
PBI-323	Bhashayi Aadhayapan Ate Punjabi Bhasha Di Sikhilai	2	0	1	3
Dharam Adhiyan					
RLS-321	Sami Dharam	3	0	0	3
RLS-322	Ashiyai Ate Bharti Dharam	3	0	0	3
Mathematics					
MATH-305	Programming in C & Numerical Techniques	0	0	2	2
MATH-307	Dynamics	3	0	0	3
Computer Applications					
COMP-321	Emerging Technology	3	0	0	3

Teaching Methodology					
EDU-422	Teaching Skill Development-II	2	0	1	3
EDU-424	Value Education & Community Service	2	0	1	3
Business Organization & Management					
BOM-321	Auditing & Taxation	3	0	0	3
BOM-322	Entrepreneurship	2	0	0	2
Physical Education & Sports*					
PES-321	Games and Tournament	3	0	0	3
PES-322	Outdoor Games and Sports-2	1	0	2	3
Library and Information Science*					
LIS-321	Library Management Training	0	0	6	6
Arts and Crafts*					
ARC-321	Art Education Psychology	3	0	0	3
ARC-322	Skill in Teaching of Arts and Crafts	0	0	3	3
Economics					
ECON-305	Development Economic-II	4	1	0	5
ECON-308	Health Economics	4	1	0	5
Add on Diploma Courses: (Students can opt one add on diploma course):					
Physical Education & Sports					
PES-321	Games and Tournament	3	0	0	3
PES-322	Outdoor Games and Sports-2	1	0	2	3
Library and Information Science					
LIS-321	Library Management Training	0	0	6	6
Arts and Crafts					
ARC-321	Art Education Psychology	3	0	0	3
ARC-322	Skill in Teaching of Arts and Crafts	0	0	3	3
Music					
MUS-321	Gurmat Sangeet (Theory)-6	2	1	0	3
MUS-322	Gurmat Sangeet (Practical)-6	0	0	3	3
Total					

Note: Students have to read Compulsory Subjects and opt any three Elective Subjects as mentioned in above said different semesters throughout the B.A. degree. Once elect subjects and add on diploma course cannot be changed in any next semester. Students can take only next numbers/papers of once elected subjects and add on diploma course.

* A student who opt these (*) subjects will not be allowed to take add on diploma course in parallel mode as same subject.