

Details of courses in which CBCS is implemented with Syllabus session 2020-21

Appendix- I : Detail of Courses (B.Sc.) Three Year Degree Course

Appendix- II : Details of Courses (B.A.) Three Year Degree Course

Appendix- III : Details of Course (B.Com.) Three Year Degree Course

Appendix-I

1	Physics	I Year	Core-I	PHYS101 TH+PR	Mechanics Theory Mechanics Lab	4 2		
			Core-IV	PHYS102 TH +PR	Electricity ,Magnetism& EMT Electricity ,Magnetism& EMT Lab	4 2		
		II Year	Core VII	PHYS201 TH+PR	Statistical & Thermal Physics Statistical & Thermal Physics Lab	4 2		
			Core X	PHYS202 TH+PR	Waves & Optics Waves & Optics Lab	4 2		
			SEC-1	PHYS203TH or PHYS204TH	Physics Workshop Skills or Computational Physics	4		
			SEC-2	PHYS205TH or PHYS206TH	Electrical Circuits & Network Skill or Basic Instrumentation Skills	4		
		III Year	DSE-IA	PHYS302 TH+IA+PR	Solid State Physics and Electronics Theory Solid State Physics and Electronics Lab	TH+IA=4 PR=2		
			DSE-IB	PHYS304 TH+IA+TU	Nuclear and Particle Physics Theory Nuclear and Particle Physics Tutorial	TH+IA=5 PR=1		
			SEC-3	PHYS307TH+IA PHYS307SE	Radiation Safety	TH+IA=3 SE=1		
			SEC-4	PHYS310TH PHYS310IA PHYS310SE	Renewable Energy and Energy Harvesting	TH+IA=3 SE=1		
		2	Mathematics	I Year	Core	MATH101TH	Differential Calculus	6
					Core	MATH102TH	Differential Equations	6
				II Year	Core	MATH201TH	Real Analysis	6
					Core	MATH202TH	Algebra	6
SEC-1	MATH309TH				Internal Calculus	4		

			SEC-2	MATH310TH	Vector Calculus	4
		III Year	DSE-IA	MATH301TH OR MATH302TH OR MATH303TH	Matrices OR Mechanics OR Linear Algebra	5+1
			DSE-IB	MATH304TH OR MATH305TH OR MATH306TH	Numerical Methods OR Complex Analysis OR Linear Programming	5+1
			SEC-3	MATH307TH OR MATH308TH OR MATH309TH	Logic& Sets OR Analytical Geometry OR Internal Calculus	4
			SEC-4	MATH310TH OR MATH311TH OR MATH312TH	Vector Calculus OR Boolean Algebra OR Number Theory	4
3	Chemistry	I Year	Core	CHEM101TH & CHEM101PR	Atomic Structure ,Bonding, General Organic Chemistry & Aliphatic Hydrocarbons	6
			Core	CHEM102 TH& PR	States of Matter Chemical Kinetics &Functional Organic Chemistry	6
		II Year	Core	CHEMTH 201 TH & PR	Solution, Phase, Equilibrium, Conductance, Electrochemistry & Organic Chemistry	6
			Core	CHEM202TH &PR	Chemistry of Main Group Elements ,Chemical Energetics & Equilibria Basic Analytical Chemistry	6
			SEC-1	CHEM203TH	Basic Analytical Chemistry	4
			SEC-2	CHEM204TH	Fuel Chemistry and Chemistry of Cosmetics & Perfumes	4
		III Year	DSE-2A (Choose any one from given three)	CHEM301TH+IA+PR	Polynuclear Hydrocarbons , Dyes, Heterocyclic Compounds & Spectroscopy(UV,IR,NMR)	6
				CHEM302TH+IR+PR	Industrial Chemicals &Environment	
				CHEM303TH+IR+PR	Quantum Chemistry, Spectroscopy& Photochemistry	
			DSE-2B (Choose any one from given three)	CHEM304 TH+ PR	Chemistry of Transition& Inner Transition Elements, Coordination Chemistry	6
				CHEM305TH+ PR	Organomettalics Polymer Chemistry	
				CHEM306TH+ PR	Molecules of Life	

			SEC-3	CHEM307	Chemical Technology & Society & Business Skills for Chemistry	4		
			SEC-4	CHEM308	Pesticide Chemistry & Pharmaceutical Chemistry	4		
4	Botany	I Year	DSC-1A	BOTA101	Biodiversity	6		
			Dsc-1B	BOTA102	Plant Ecology & Taxonomy	6		
		II Year	DSC-1A	BOTA201	Plant Anatomy & Embryology	6		
			DSC-1B	BOTA202	Plant Physiology & Metabolism	6		
			SEC-1	BOTA203	Bio-Fertilizers	4		
			SEC-2	BOTA204	Gardening & Floriculture	4		
		III Year	DSE - IA	BOTA-301	Economic Botany & Biotechnology	6		
			DSE- IB	BOTA-303	Cell and Molecular Biology	6		
			SEC-3	BOTA-306	Medicinal Botany and Ethno-Botany	4		
			SEC-4	BOTA-307	Mushroom Cultivation Technology	4		
		5	Zoology	I Year	Core	ZOOL101 TH+ PR	Animal Diversity	6
					Core	ZOOL201TH+ PR	Comparative Anatomy & Development Biology of Vertebrates	6
II Year	Core			ZOOL301 TH+PR	Physiology and Biochemistry	6		
	Core			ZOOL401TH+ PR	Genetics & Evolutionary Biology	6		
	SEC-1			ZOOL 203TH	Medical Diagnostics	4		
	SEC-2			ZOOL 204 TH	Apiculture	4		
III Year	DSE-1A			ZOOL301(A)TH+PR or ZOOL301(B)TH+PR or ZOOL301(C)TH+PR	Applied Zoology or Animal Biotechnology or Aquatic Biology	6 6 6		
				DSE-1B	ZOOL302(A)TH+PR or ZOOL302(B)TH+PR or ZOOL302(C)TH	Insect, Vector & Diseases or Immunology or Reproductive Biology	6 6 6	
					SEC-3	ZOOL 303TH	Sericulture	4
	SEC-4				ZOOL 304(A)TH or ZOOL 304(B)TH	Aquarium Fish Keeping or Research Methodology	4	

Appendix-II

Sr. No.	Subject	Class	Course Type	Course Code	Course Title	Credits
1.	Economics	I Year	Core	ECONA101	Principles of Microeconomics-I	6
			Core	ECONA102	Principles of Microeconomics-II	6
		II Year	Core	ECONA201	Principles of Macroeconomics-I	6
			Core	ECONA202	Principles of Macroeconomics-II	6
			SEC-1	ECONA204	Economics of Rural Development	4
			SEC-2	ECONA206	Demography	4
		III Year	Core	ECONA303	Economy of Himachal Pradesh	6
			Core	ECONA305	Development of Economics	6
			SEC	ECONA310	Public Finance	4
			SEC	ECONA311	Money & Banking	4
2.	English	I Year	Language Core	ENGCE 101	English-1 (Comp.B.A.&B.Com)	6
			DSC-1A/Core	ENG DSC102	English Literature-1	6
			DSC-1B/Core	ENG DSC 103	English Literature-2	6
			AEEC	ENGAEEC104	Writing Skills	4
		II Year	Language Core	ENG CE 201	English-II (Comp. B.A. & B.Com.)	6
			DSC-1C/Core	ENG DSC202	British Literature(Play & Novel)	6
			BSC-1D/Core	ENG DSC203	Literary Cross Currents	6
			SEC-1	ENG SEC 204	Creative Writing :Book and Media Review	4
			SEC-2	ENG SEC 205	Translation Studies and Principles of Translation	4
			SEC-3	ENG SEC 301	Technical Writing	4
		III Year	SEC-4	ENG SEC 302	Business Communication	4
			Core (DSE-1A)	ENG DSE 303	Soft Skills	6
			Core (DSE-1B)	ENG DSE 304	Academic Writing and Composition	6

			GE-1	ENG GE 305	Literature from Himachal	6
			GE-2	ENG GE 306	Contemporary India : Women and Empowerment	6
3.	Geography	I Year	Core	GEOGP101	Physical Geography	6
			Core	GEOGP102	General Cartography	6
		II Year	Core	GEOGP201	Human Geography	6
			Core	GEOGP202	Environmental Geography	6
			SEC-1	GEOGP203	Regional Planning & Development	4
			SEC-2	GEOGP204	Remote Sensing &GPS	4
		III Year	Core	GEOGP303	Geography of India	6
Core	GEOGP304		Disaster Management	6		
SEC	GEOGP301		Geographic Information System	4		
SEC	GEOGP302		Field Tech. and Survey Based Project Report	4		
GE	GEOGP305		Disaster Risk Reduction	6		
GE	GEOGP306		Sustainability and Development	6		
4.	Hindi	I Year	Language Core	HIND101	Proyajanmulak Hindi	6
			Core	HIND102	Hindi Sahitya ka Itihas	6
			Core	HIND103	Madhyakalin Hindi Kavita	6
			AECC	HIND104	Hindi Bhasha aur Sampreshan	4
		II Year	Language Core	HIND201	Skt/Hindi-II(Anivarya Hindi'Rachna Punnj'	6
			Core	HIND202	Adhunik Hindi Kavita	6
			Core	HIND203	Hindi Gadya Sahitya	6
			SEC-I	HIND204	Karyalyi Hindi	4
			SEC-II	HIND206	Anuvaad Vigyan	4
		III Year	Core	HIND305	Lok Sahitya	6
			Core	HIND306	Chhaya vadottar Hindi Kavita	6
			SEC-III	HIND301	Rang Alekh evam Rangmanch	4
			SEC-I,m nV	HIND304	Samachar Sankalan aur Lekhan	4
GE-I	HIND307		Adhunik Bhartiya Sahitya	6		

			GE-II	HIND308	Srjnataamak Lekhan ke Vividh Kshetra/ Aayaam	6
5.	History	I Year	Core	HIST(A)101	1.History of India From The Earliest Times up to 300 CE	6
			Core	HIST(A)102	2.History of India From C.300 to 1206	6
		II Year	Core	HIST(A)203	History of India From C.1206-1707	6
			Core	HIST(A)204	History of India From C.1707-1950	6
			SEC-I	HIST(A)213 or HIST(A)214	Historical Tourism or Understanding Heritage	4
			SEC-II	HIST(A)215 or HIST(A)216	An Introduction to Archaeology or Crafts &Artisans: Living Traditions	4
III Year	Core	HIST(A)305 or HIST(A)306	Modern and Contemporary World History I:1871-1919 or Issues in World History-I (The Twentieth Century)	6		
	Core	HIST(A)307 or HIST(A)308	Modern and Contemporary World History II:1919-1992 or Issues in The World History-II(The Twentieth Century)	6		
	SEC-III	HIST(A)317 or HIST(A)318	Indian History and Culture or Museums and Archives	4		
	SEC-IV	HIST(A)319 or HIST(A)320	Introduction to Indian Art or Understanding Popular Culture	4		
	GE-I	HIST(A)309 or HIST(A)310	Women Studies in India or Social Religious Reform Movement in India (19 th &20 th Centuries)	6		
	GE-II	HIST(A)311 or HIST(A)312	Environmental Issues In India Or History of Himachal Pradesh	6		
	6.	Political Science	I Year	Core	POLS-101	Introduction to Political Theory
Core				POLS-102	Indian Govt.& Politics	6
II Year			Core	POLS201	Comparative Govt.& Politics	6
			Core	POLS202	Introduction to International Politics	6

			SEC-1	POLS203	Legislative Support	4
			SEC-2	POLS204	Public Opinion & Survey Research	4
		III Year	Core	POLS 301A or POLS 301B	Themes in Comparative Political Theory Administration and Public Policy: Concepts and theories	6
			Core	POLS 302A or POLS 302B	Democracy and Governance or Understanding Globalization	6
			SEC-3	POLS 303	Democratic Awareness through legal literacy	4
			SEC- 4	POLS 304	Conflict and Peace building	4
			GE-1	POLS 305	Society, Economy and Politics in H P	6
			GE-II	POLS 306	Human rights, Gender and Environment	6
7	Sanskrit	1 Year	Core	SKTDSC-101	Sanskrit Kavya	6
			Core	SKTDSC-102	Sanskrit Gadya Kavya	6
		II Year	Core	SKTDSC-201	Sanskrit Natak	
			Core	SKTDSC-202	Sanskrit Vyakaran	
			SEC-1	SKT SEC 205	Ayurved ke Mool Sidhant	4
			SEC-2	SKT SEC 206	Sanskrit Chand evam Gyan	4
		III Year	Core	SKTDSE-301	Vyaktiva Vikas ka Bhartiya Drishtikon	6
			Core	SKTDSE-302	Sahityik Samalochna	6
			SEC -3	SKT SEC 305	Bhartiya Rangshala	4
			SEC -4	SKT SEC 306	Bhartiya Vastushastra	4

Appendix-III

Details of Course (B.Com.) Three Year Degree Course

Course No	Course Title	Course Type
B Com. I		
BC1.1	Financial Accounting	Core Course C-1
BC1.2	Business Organization and Management	Core Course C-2
BC1.3	Business Law	Core Course C-4
BC1.4	Business Statistics and Mathematics	Core Course C-5
	Environmental Studies	Ability Enhancement Compulsory Course-1
	English-1 Core English(Compulsory)	Core Course C-3
	Language: English/Hindi/ Mod. Ind. Language	Ability Enhancement Compulsory Course-2
	Hindi-I/ Mod. Ind. Language	Core Course C-6
B Com II		
BC 2.1	Company Law	Core Course C-7
BC 2.2	Income Tax Law and Practice	Core Course C-8
BC 2.3	Computer Applications in Business	Skill Enhancement Elective Course -1
BC 2.4	Corporate Accounting	Core Course C-11
BC 2.5	Cost Accounting	Core Course C-12
BC 2.6	E- Commerce	Skill Enhancement Elective Course -2
	English – II	Core Course C - 9
	Hindi –II	Core Course -10
B Com III		
BC 3.1	a) Human Resource Management	Discipline Specific Elective-1 (Any one of these three)
	b) Principles of Marketing	
	c) Corporate Governance and Auditing	
BC 3.2	a) Fundamentals of Fin. Management	Discipline Specific Elective-2 (Any one of these two)
	b) Goods and Service Tax(GST)	
BC 3.3	Entrepreneurship	Skill Enhancement Elective Course -3
BC 3.4	Principles of Micro Economics	GE-1
BC 3.5	a) Corporate Tax Planning	Discipline Specific Elective-3 (Any one of these four)
	b) Banking and Insurance	
	c) Management Accounting	
	d)Computerized Accounting System	
	a) International Business	

BC3.6	b) Office Management and Secretarial Practice	Discipline Specific Elective-4 (Any one of these four)
	c) Fundamental of Investment	
	d) Consumer Protection	
BC 3.7	Personal Selling and Salesmanship	Skill Enhancement Elective Course -4
BC 3.8	Indian Economy	GE-2

Note :

1. For Practical Lab based papers :
 - a. Core Course papers BC 1.1 (Financial Accounting) and BC 2.2 (Income Tax law and Practice), there shall be 2 classes for theory and 1 practical Period per week per group of 20 students in the Practical Lab and 1period for Tutorials (per group).
 - b. Discipline Specific Elective paper 3.5(d) (Computerized Accounting System), there shall be 2 classes for theory and 2 practical Periods per week per group of 20 students in the Practical Lab.
 - c. Skill Enhancement Elective Course SEC-2 paper BC 2.6(E-Commerce), there shall be 2 classes for theory and 1 practical Period per week per group of 20 students in the Practical Lab
 - d. Skill Enhancement Elective Course SEC-1 paper BC 2.3(Computer Applications in Business), there shall be 2 classes for theory and 2 practical Periods per week per group of 20 students in the Practical Lab
2. For other core and elective papers, there shall be 3 theory classes. There will be 1 period for tutorial (per group)