

BSc Honours (First Year)
Year wise courses and marks distribution.

Subject : Chemistry

Course Code	Course Title	Marks	Credits
	Fundamentals of Physical Chemistry	100	4
	Fundamentals of Organic Chemistry	100	4
	Fundamentals of Inorganic Chemistry	100	4
	Qualitative inorganic analysis, inorganic preparations and elementary crystal chemistry	100	4
	Fundamentals of Mathematics	100	4
	Calculus-I	50	2
	Physics-I (Mechanics, Properties of Matter, Waves & Optics)	100	4
	Physics-II (Heat, Thermodynamics and Radiation)	50	2
	Total =	700	28

Subject : Environment Science

Course Code	Course Title	Marks	Credits
	Introduction to Environmental Science	100	4
	Fundamental of Chemistry	100	4
	Fundamental of Earth Sciences	100	4
	Fundamental of Biological Sciences	100	4
	Related theoretical Courses		
	Mathematics for Environmental Sciences	50	2
	Statistics for Environmental Sciences	50	2
	Meteorology and Climatic Processes	100	4
	Laboratory and Field work on Environmental Sciences	100	4
	Total=	700	28

Subject : Geography and Environment

Course Code	Course Title	Marks	Credits
	Introduction to Geography and Environment	100	4
	Introduction to Physical Geography	100	4
	Introduction to Human Geography	100	4
	Practical-I	100	4
	Group A (Any Two)		
	Chemistry-I	100	4
	Chemistry Practical	50	2
	Fundamentals of Mathematics	100	4
	Calculus-I	50	2
	Botany-I	100	4
	Botany-I Practical	50	2
	Introduction to Zoology: Protozoa and non-chordates, Human Physiology, and Applied Zoology	100	4
	Zoology Practical - I	50	2
	Introduction to Statistics	100	4

	Statistics Practical-I	50	2
	Group B (Any Two)		
	Introductory Sociology or Introduction to Social Work	100	4
	Introduction to Political Theory	100	4
	Introduction to Psychology	100	4

Subject : Math

Course Code	Course Title	Marks	Credits
	Fundamentals of Mathematics	100	4
	Calculus – I	100	4
	Linear Algebra	100	4
	Analytic Geometry	100	4
	<i>Any TWO of the following:</i>		
	Chemistry-I	100	4
	Chemistry-I Practical	50	2
	Introduction to Statistics	100	4
	Statistics Practical-I	50	2
	Physics-I (Mechanics, Properties of Matter, Waves & Optics)	100	4
	Physics-II (Heat, Thermodynamics and Radiation)	50	2
	Total=	700	28

Subject : Physics

Course Code	Course Title	Marks	Credits
	Mechanics	100	4
	Properties of Matter, Waves & Oscillations	100	4
	Heat, Thermodynamics and Radiation	100	4
	Physics Practical-I	100	4
	Fundamentals of Mathematics	100	4
	Calculus-I	50	2
	{ Chemistry-I	100	4
	{ Chemistry-I Practical Or	50	2
	{ Introduction to Statistics	100	4
	{ Statistics Practical-I	50	2
	Total=	700	28

Subject : Psychology

Course Code	Course Title	Marks	Credits
	Introduction to Psychology	100	4
	Biological Bases of Behaviour-I	100	4
	Social Psychology	100	4
	Statistics in Psychology-I	100	4
	<i>For Science Group</i>		
	Botany-I	100	4
	Botany-I Practical	50	2
	Introduction to Zoology: Protozoa and non-chordates, Human Physiology, and Applied Zoology	100	4
	Zoology Practical – I	50	2
	<i>For Arts Group</i>		
	Introducing Sociology Or Introduction to Social Work	100	4
	Introduction to Political Theory	100	4

Subject : Soil Science

Course Code	Course Title	Marks.	Credits
	Introductory Soils-I	100	4
	Introductory Soils-II	100	4
	Soil Physics-I	100	4
	General Microbiology	100	4
	Chemistry-I	100	4
	Chemistry-I Practical	50	2
	Botany-I	100	4
	Botany-I Practical	50	2
	Total=	700	28

Subject : Statistics

Course Code	Course Title	Marks	Credits
	Introductory Statistics	100	4
	Introductory Probability	100	4
	Linear Algebra	100	4
	Lab-1: Descriptive Statistic and Probability distribution	50	2
	Lab-2: Liner Algebra	50	2
	Fundamentals of Mathematics	100	4
	Calculus-I	50	2
	Principles of Economics	100	4

Subject : Zoology

Course Code	Course Title	Marks	Credits
	Introduction to Zoology	100	4
	Protozoa and Non-chordates	100	4
	Environmental Biology	100	4
	Zoology Practical-I	100	4
	Chemistry-I	100	4
	Chemistry Practical-I	50	2
	Or		
	Biochemistry-I	100	4
	Biochemistry-I Practical	50	2
	Botany-I	100	4
	Botany-I Practical	50	2
	Total =	700	28