

**Semester wise course pattern for the students admitted to the M.Sc (Hons.)  
Biological Sciences in first semester**

Yr	Ist Semester	IInd Semester
I	BIO C111 General Biology CHEM C141 Chemistry I ES C112 Thermodynamics MATH C191 Mathematics I PHY C131 Physics I TA C111 Engineering Graphics	AAOC C111 Probability & Statistics CHEM C142 Chemistry II MATH C192 Mathematics II PHY C132 Physics II TA C112 Workshop Practice TA C162 Computer Programming I
II	ES C241 Electrical Sciences I MATH C241 Mathematics III TA C252 Computer Programming II BIO C211 Biological Chemistry BIO C241 Microbiology MGTS C211 Principles of Management TA C211 Measurement Techniques I	ES C242 Structure and properties of materials ES C272 Electrical Sciences II TA C222 Measurement Techniques II TA C312 Technical Report Writing EL.No.1 EL.No.2
BITS C221 Practice School - I		
III	BIO C321 Cell Biology BIO C342 General Physiology BIO C331 Biophysics  BIO C391 Instrumental Methods of Analysis AAOC C341 Numerical Analysis EL.No.3	BIO C322 Ecology BIO C312 Developmental Biology BIO C332 Genetics BIO C411 Laboratory AAOC C222 Optimization AAOC C312 Operations Research
IV	EL.No.4 EL.No.5 EL.No.6 EL.No.7 EL.No.8	BITS C412 Practice School II OR BITS C422T Thesis-Seminar

For more details consult Institute Bulletin