

**Programme: Master of Science Chemistry (MSCCH20)**  
**Year / Semester: Ist semester**  
**Paper Code: MCH 504**  
**Paper Name: Spectroscopy/Computers/Biology & Mathematics –I**

**Syllabus**

**Block – 1: Mathematics for Biology Students**

Unit – 1: Co-ordinate System Unit –

2: Differential Calculus Unit – 3:

Matrics

Unit – 4: Integral Calculus

Unit – 5: Differential Equations

**Block – 2: Biology**

Unit – 6: Cell Structure and Functions Unit

– 7: Carbohydrates

Unit – 8: Fatty Acids

Unit – 9: Amino Acids, Peptides and Proteins Unit

– 10: Nucleic Acids