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Code	Subject Title	Cr. Hrs	Semester
CHEM-312	Bio Chemistry Lab	2	V
Year	Discipline		
3	Chemistry-I, II		

**SYLLABUS OUTLINE:****1. Carbohydrates:**

Qualitative tests for Carbohydrates. Distinction between pentoses and hexoses, aldoses and Ketoses, reducing and non reducing sugars mono and polysaccharides. Chromatography of sugars. Preparation of glycogen from liver. Acid and enzymic hydrolysis of glycogen.

**2. Nucleic Acids:**

Isolation of RNA from beef liver. Isolation of DNA from Calf Spleen. UV absorption of nucleic acids.

**RECOMMENDED BOOKS:**

1. Practical clinical Biochemistry by Varley. Pub: CBS publishers
  2. An Introduction to Practical Biochemistry By D. T. Plummer Pub: McGraw Hill
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