

Programme: M.Sc. (Biochemistry)

Course Code: BCO 106

Title of the Course: NUTRITION AND FOOD BIOCHEMISTRY [P]

Number of Credits: 1

Effective from Academic Year: 2018-19

Prerequisites	Basic knowledge in Biochemistry and Microbiology.	
Objective:	To learn about different types of food analysis including nutrient content, microbiological examination and spoilage.	
Content:		(24)
1.	Estimation of vitamin C	
2.	Estimation of minerals such as magnesium and ions such chloride	
3.	Examination of foods and determination of food spoilage microorganisms	
A.	Biochemical reactions: enzymatic browning of fruits; auto-oxidation; rancidity of fats	
Pedagogy:	Experiments in the laboratory	
References/ Readings	As given under Theory Course BCO 104-T	
Learning Outcomes	Hands-on experiences on analyses of food samples for nutrients, microbiological tests and testing for spoilage.	