

Module description

Module title: Experiments in Biophysical Biochemistry

Module code: BCH 333

Year: 1438-1439H (2018) – Second semester.

Mark distribution: Total of 100

- 15 marks for quizzes.
- 15 marks for Report
- 5 marks for attendance and lab performance
- 25 marks for midterm.
- 40 marks for final exam.

Module experiments:

NO.	Experiment Title
1	Scanning spectrophotometry and spectrophotometric determination of concentration
2	Spectrophotometric Methods for Determination of Proteins Concentration
3	Salting in and Salting out of proteins and Dialysis
*	Midterm exam: (Monday Section: 19 / 2 / 2018) (Tuesday Section: 20 / 2 / 2018)
4	Paper and Thin Layer Chromatography (TLC)
5	Gel Filtration Chromatography
6	Separation of Molecules by Ion Exchange Chromatography
7	Sodium Dodecyl Sulfate -Polyacryl Amide Gel Electrophoresis [SDS-PAGE]
8	Agarose gel electrophoresis
*	Final exam (Date: 16/ 4/ 2018)