

Module description

Module title: Bioinformatics– practical part.

Module code: BCH 445

Year: 1446 H (2025) – second semester.

Mark distribution:

Total mark is 30:

- 2 Marks for conducting the experiment
- 3 marks for homework
- 6 marks for reports
- 5 marks for quizzes
- 14 marks for final exam (within week 17 or 18)

Module labs:

No.	Lab Title	Date
0	Preparation of laboratory food samples	13 Jan
1	Determination of total acidity of food	20 Jan
2	Estimation of reducing sugars by dinitrosalicylic acid method	27 Jan
3	Estimation of total protein in milk and egg using turbidimetric method	3 Feb
4	Estimation of inorganic phosphate in soft drinks	10 Feb
5	Estimation of proline in honey	17 Feb
6	Determination of caffeine content in tea	24 Feb
7	Estimation of total phenolic content in different plants	3 Mar
8	Determination of sodium benzoate in fruit juice	10 Mar
9	Determination of calcium in milk	7 April
	<i>Final revision</i>	