**Module description**

**-Module title:** General biochemistry– practical part.

**-Module code:** BCH 302

**-Year:** 1437-1438H (2017) – Second semester.

**-Module objectives:**

1. Learning general laboratory safety and awareness
2. To be familiar with basic experiments in biochemistry.
3. Learning basic laboratory skills and apparatus.
4. Focusing on the way of writing reports and discuss the results of laboratory tests.

**-Mark distribution:**

Total mark is 25:

* 5 marks for quizzes (Weekly).
* 5 marks for lab report.
* 1 mark for performance and activity in the lab.
* 14 marks for Final Exam :
  + - 10 marks for practical final exam.
    - 4 marks for theoretical final exam.

**-Module experiments:**

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| **NO.** | **Experiment title** | **Date** |
| **1** | Introduction. | 15-5-1438  12-feb-2017 |
| **2** | Qualitative tests of Amino Acids. | 22-5-1438  19-feb-2017 |
| **3** | Qualitative tests of Proteins. | 29-5-1438  26-feb-2017 |
| **4** | Quantitative Proteins Estimation by Lowry Method. | 6-6-1438  05-mar-2017 |
| **5** | Qualitative tests of Carbohydrates-I. | 13-6-1438  12-mar-2017 |
| **6** | Qualitative tests of Carbohydrates-II. | 20-6-1438  19- mar-2017 |
| **7** | Qualitative tests of Lipids –I. | 27-6-1438  26-mar-2017 |
| **8** | Qualitative tests of Lipids –II. | 12-7-1438  9-apr-2017 |
| **9** | Spectral Characterization of DNA. | 19-7-1438  16-apr-2017 |
| **10** | Revision + Lab 9 quiz. | 26-7-1438  23-apr-2017 |