

Faculty of Medicine – Biochemistry Department  
**Lab Schedule for Medical Students of International Branch**  
**Biochemistry Laboratory 1 .Coordinator: Dr. Fakher**

	<b>Subject</b>	<b>Time</b>	<b>Date</b>
<b>1<sup>st</sup> session</b>	<b>Lab safety</b> 1- Safety and security for working in the lab 2- Lab equipments 3- General tests for carbohydrates 2- Tests for detection of reducing sugars (Benedict, Tollen, Barfoed,)	Saturday 8-9 AM 9-10 AM	1401.10.24 January 14
<b>2<sup>nd</sup> session</b>	<b>Carbohydrate</b> 1-Special tests for detection of monosaccharides (Seliwanof, Bial and Glucose oxidase test) 2- Iodine or Lugol test for polysaccharides 3- Identification of unknown sugar	Offline	Offline
<b>3<sup>rd</sup> session</b>	<b>Amino acids &amp; Proteins</b> 1- Qualitative tests for amino acids 2- Identification of amino acids by paper chromatography 3- Quantitative test for proteins	Saturday 8-9 AM 9-10 AM	1401.11.1 January 21
<b>4<sup>th</sup> session</b>	<b>pH(I)</b> Determination of isoelectric point of casein	Saturday 8-9 AM 9-10 AM	1401.11.8 January 28

**Attention:**

The presence of the students in all of sessions of the lab is compulsory. Absence in the lab would be equal to zero grade in lab course.

**The grade of lab course would be calculated by:**

The grade of written final exam plus the grade of evaluation of practical work of students through the term. The grade for practical session include:

Wearing lab coat, being on time in lab, having related lab protocol, considering safety details, washing lab dishes, cleaning of bench after work, proper relations with lab staffs and other persons, degree of participation in group experiments, doing related experiments in correct & perfect way, quizzes.

**Reference: Lab procedures of Biochemistry group.**