STANDARD COURSE OUTLINE

Annex 3

Hashemite University		Special Topics 1801042495
Faculty of Science		**Pre-requisite:**
Department of Biology and Biotechnology	**Course Syllabus**	

Course Information	
Lecture's Time	5:30-6:30 PM Sunday, Tuesday and Thursday
Lecture Room	Online
Instructor	Professor Rana Dajani
Office Location	219 Biology Building
Office Hours	By appointment
Text Book	
References(s)	Articles provided by instructor on Course website.

Grading Policy:

Theory

1st Exam 30 %

2nd Exam 30 %

Final Exam 40%

Course Objectives
1.how to read, analyse and critique an article 2. how to do literature research on the net 3. to improve scientific language 4.how to present and defend a piece of research 5.learn communication and internet skills 6. to boost confidence 7. To be introduced to a wide range of topics in biology and biotechnology 8. To be up to date with the latest research in biology and biotechnology
Teaching and Learning Methods
Power point presentations Internet Critique and defense of scientific articles Team Work

Course Contents

Week	Topic
1	**introduction**
2	**How to critique: Article 1 discussion**
3	**How to critique: Article 2 discussion**
4	**Epigenetics**
5	**Human Biology**
6	**First Exam**
7	**Bioinformatics, Data sets and ethics**
8	**Nature special issue: Sleep**
9	**Nature special issue: Alzhiemer**
10	**Second Exam**
11	**Nature special issue: skin**
12	**Nature special issue: Spatial proteomics**
13	**Nature special issue: Biobanks**
14	**Nature special issue: Microbes**
15	**Revision**
16	Final Examination