



421

اسم المقرر / مجاله

The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Metabolism
2	Course number	0304421
3	Credit hours (theory, practical)	3.0
	Contact hours (theory, practical)	3.0
4	Prerequisites/corequisites	0304321
5	Program title	B.Sc. in biological Sciences
6	Program code	0304
7	Awarding institution	University of Jordan
8	Faculty	Faculty of Science
9	Department	Department of Biological sciences
10	Level of course	Fourth year
11	Year of study and semester (s)	1 st semester 2015/2016
12	Final Qualification	B.Sc
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Naji Batayneh
Office number: 112
Tel : 22209
Email : n.batayneh@ju.edu.jo

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

None

18. Course Description:

As stated in the approved study plan.

Metabolism (anabolism and catabolism) of the main organic molecules in the living cell which includes carbohydrates, lipids proteins and nucleic acids with the emphasis on energy metabolism and the role of vitamins as cofactors for enzymes' action.

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

Learning and teaching methods:

It includes transparencies, hand outs and the use of the most recent text book and paper reviews in the field.

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Assessment:

Outcome evaluation is achieved through two daily exams (40%) and one final exam (40%) and assignments (20%) .

Assignments:

In addition to the take home work, each student is assigned a topic on which he explores recent literature and then he writes a report and distributes it to each of his colleagues before he gives the representation to discuss it with his colleagues in the form of a seminar.

23. Course Policies:

- A- Attendance policies: Regular class attendance is expected, attendance by seating number
- B- Absences from exams and handing in assignments on time: Reporting a valid reason of absence is accepted.
- C- Health and safety procedures: All students should comply with the university Health and safety procedures
- D- Honesty policy regarding cheating, plagiarism, misbehavior:
All students should comply with the university Honesty policy regarding cheating, plagiarism, misbehavior
- E- Grading policy: Two daily exams (40%) and one final exam (40%) and assignments (20%) .
- F- Available university services that support achievement in the course:
Data Show Projector and internet access

24. Required equipment:

Data show and over head projector

25. References:

- A- Required book (s), assigned reading and audio-visuals:
Hand out and
- B- Recommended books, materials, and media:

1. Nelson, D.L. And Cox , M.M ., Lehninger: Principles of Biochemistry 3rd ed. (2004) Worth Publishers, New York .

2. Stryer, Lubert . Biochemistry 4th ed. (1995) W.H. Freeman and Company, New York

3. Voet, D And Voet, J.G. , Biochemistry 2nd ed. (1995) John Wiley & Sons, Inc. New York

4. Mathews , and van Holde, Biochemistry (1990) The Benjamin/Cummings publishing

5. Relevant web sites as high wire. org

26. Additional information:

None

Name of Course Coordinator: -Naji Batayneh-----Signature:  Date: 2/17/11

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- Signature: -----

Copy to:
Head of Department
Assistant Dean for Quality Assurance
Course File

