



Philadelphia University
Faculty of Science
Department of Biotechnology
First semester, 2008/2009

Course Syllabus

Course Title: Scientific writing	Course code: 240493
Course Level: 4th year	Course prerequisite (s) and/or corequisite (s): -
Lecture Time:	Credit hours: one credit hour

Academic Staff Specifics

Name	Rank	Office Number	Office Hours	E-mail Address
Dr. Lolita Qouta	Assistant professor	816	10-11 Sun., Tue. &Thur.	lqouta@philadelphia.edu.jo or loliqouta@yahoo.com

Course module description:

The course is offered as a 1-credit course. It is designed to introduce the students to writing an effective, concise, and clear scientific report with skill and confidence. The Lectures will focus on the different sections of a standard manuscript format (abstract – introduction – material and methods – results – discussion – references).

Course module objectives:

Upon the completion of this course, students are expected to

- Develop some skills in the analysis of scientific data
- Demonstrate and improve their scientific reading and writing skills
- Demonstrate and improve their oral presentation skills

Course academic calendar

Lab	Title of the experiment
(1)	Introduction; pre-writing, What is a scientific paper
(2)	Journals; choosing a journal.
(3)	General style; Parts of a paper: Abstract, authorship, title, introduction, methods, results
(4) + (5)	Write a brief Abstract (~200 words) ****First assignment**** (25 marks)
(5)	Parts of a paper: tables, figures, photographs, discussion
(6)	Parts of a paper: Citations, Biological nomenclature,
(7) + (8)	Write 1-2 paragraphs of Results text with an accompanying Figure/table/photograph and Legend. ****Second assignment**** (25 marks)
(8)	Scientific misconduct and ethical issues
(9) +(10)	Scientific presentations ****Third assignment**** (25 marks)
(11) + (12)	Scientific posters ****Fourth assignment**** (25 marks)

Please note that there could be changes in the order of the lectures. Always check with your instructor a week in advance.

Course/ module references

The students will be supplied with the reading material unless directed otherwise.