The University of Jordan

Accreditation & Quality Assurance Centre

COURSE Syllabus

1	Course title	Information Storage & Retrieval systems
2	Course number	0807769
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	3
4	Prerequisites/corequisites	
5	Programtitle	Library and information science
6	Programcode	70
7	Awarding institution	University of Jordan
8	Faculty	Faculty of educational sciences
9	Department	Library and information science
10	Level of course	Postgraduateprogramme
11	Year of study andsemester (s)	2015 - 2016
12	Final Qualification	MS in Library and Information Science
13	Other department(s) involved in teaching the course	
14	Language of Instruction	English
15	Date of production/revision	Sep 2015

16. Course Coordinator:

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

17.Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.
Dr. FatenHamad
Office hours: To be scheduled each semester
Office phone number: 24579
f.hamad@ju.edu.jo

18. Course Description:

As statedin the approvedstudy plan.
The course, Advanced Information Storage and Retrieval, is a core course for students studying towards acquiring the Master of Libraries and Information Science. In this course, we will learn about Information Storage and Retrieval as an important aspect of Information Systems. Various aspects of Information Storage and Retrieval are discussed in this course.

In structuring this course, we commence with a general overview of Information Storage and Retrieval and move to Information Representation, Information Organisation and Storage, and finally Information Retrieval and Retrieval Systems.

19. Course aims and outcomes:

A- Aims:
The overall aims of this course are to develop your knowledge and understanding of the concept of information and information representation, to build up your capacity on information organization and storage and to develop your competence in information retrieval and retrieval systems.

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to…

- Describe the basic concepts of information
- Explain the various types of information representation
- Organize and store information
- Describe the process of information retrieval, its system and really retrieve information effectively from systems.
- Organization and representation of multimedia information
- Understand how search engines work.

20. Topic Outline and Schedule:

Weeks	Material content
1	Overview of Information Storage and Retrieval (ISR)
2	Information Representation
3	Information Organisation and Storage
4	Information Retrieval Models
5	Relevancy and Relevancy Feed Back
6	**Mid Term Exam**
7	Performance Evaluation
8	Information Retrieval System
9	Multimedia Representation and Retrieval
10	Web Information Retrieval
11	Search Engines
12	Information seeking behaviour
13	User's information needs

21. Teaching Methods and Assignments:

Lectures are given to students through power point slides.
Peer reviewed articles are sometimes distributed to students in class to read and discuss
Real life examples are introduced to better understand the concept of Information retrieval systems
Term research paper on evaluating information retrieval system

22. Evaluation Methods and Course Requirements:

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

One mid-term exam
One final exam
One term researchpaper

23. Course Policies:

A- Attendance policies:

Attendance is registered every lectures and entered into the system

B- Absences fromexams andhandinginassignmentson time:

Make up exam is set for students with valid excuse

C- Health and safetyprocedures:

D- Honesty policy regarding cheating, plagiarism, misbehaviour:

Any cheating cases are to be reported (non so far!)

E- Grading policy:

Following ideal answer in some questions, allowing flexibility in the analytical questions since they allow different perspective and thinking, taking into consideration logical thinking.

F- Available university services that support achievement in the course:

Having a data show to demonstrate lectures

24. Required equipment:

Data show only

25. References:

- Manning, C.D.; Raghavan, P. & H. Schütze, H. (2008). Introduction to Information Retrieval. Cambridge UP.

- Baeza-Yates, Ricardo, and BerthierRibeiro-Neto. (2011). *Modern information retrieval*. Vol. 463. New York: ACM press

26. Additional information:

Name of Course Coordinator: -------------------Signature: ------------------------ Date: ------------------------

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