

نموذج توصيف المقرر دراسي

الإصدار الثاني بحرم ١٤٣٧ هـ

Institution:	College of Education.
Academic Department :	Biology
Programme :	Biology
Course :	Research project
Course Coordinator :	
Programme Coordinator :	Dr. Mona Makya
Course Specification Approved Date :	

A. Course Identification and General Information

1 - Course title :	Research project	Course Code:	BIO415
2. Credit hours :	2		
3 - Program(s) in which the course is offered:	Biology		
4 – Course Language :	.....Arabic ..		
5 - Name of faculty member responsible for the course:	.....	
6 - Level/year at which this course is offered :	level Seven (7)		
7 - Pre-requisites for this course (if any) :	All the major courses until the sixth level		
8 - Co-requisites for this course (if any) :	Not Applicable		
9 - Location if not on main campus :	in (Middle and Secondary schools)		
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	10 %
B - Blended (traditional and online)	<input type="checkbox"/>	What percentage? %
D - e-learning	<input checked="" type="checkbox"/>	What percentage?	40 %
E - Correspondence	<input type="checkbox"/>	What percentage? %
F - Other	<input checked="" type="checkbox"/>	What percentage?	50 %
Comments :	.....	

B Objectives

What is the main purpose for this course?

At the end of the lesson , the student is expected to be able to:
request the creation of a work with scientific research in the area of specialization and write it .Also, will be chose any topic depending on the strictly specialize for supervisor of research in order to raise the level of research competence to pursue higher studies and configuration to engage in the labor market

Briefly describe any plans for developing and improving the course that are being implemented :

1- Updated components of the course on a continuous basis based on the latest developments in the field of specialization, for

example (update presentations, photos, videos , lab and activate D2L)

2- Continuous –viewing on scientific research institutions by visiting Web sites

3- use Cooperative –learning through collective assignments through choose each group of students the subject of the proposed topics, with the assessment of the effort and the work of each student and their role in commissioning .

4- Communicate with other educational institutions to take advantage of their expertise in the development of research projects

C. Course Description

List of Topics	No. of Weeks	Contact Hours
- Introduction: The definition includes the area of the research project and how to write research , its parts and the date of the research project delivery .	1	6
- choose the topic of the research and its importance	1	6
- Submitted the introduction , the aim of the research , and collecting information by means of various research and survey databases, scientific journals, references, etc. Internet	1	6
Writing a literature search	2	12
- doing a practical part by the nature of each search	4	24
- Collect the results and statistically analyzed and the make presentation	1	6
- Discuss the results and its interpretation	2	12
- Write references and arrange them in a scientific manner	1	6
- Refine the research and prepared in final form	1	6
- Display the research and discuss it in front of a committee of faculty members	1	6

2. Course components (total contact hours and credits per semester):

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours		-	24	.....	66	90
Credit		1	.....	1	2

3. Additional private study/learning hours expected for students per week.

7-8 hours.

4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.0	Knowledge		
1.1	Recognize in an integrated manner the basic elements of the research project	discussion During the small groups	Supervisor' report
2.0	Cognitive Skills		
2.1	Interpret the results of the research topic and arranged it logically and sequentially	Brainstorming	Supervisor' report and research assessment
2.2	Compare the research result with the previous scientific research relevant to the research topic	Discussion	Supervisor' report and presentation
2.3	Suggest some solutions and recommendations to the problems of research topic	Present some suggestions to solve problems through discussion groups	research assessment
3.0	Interpersonal Skills & Responsibility;		
3.1	Working in a spirit of team work during practical	.....	assessment

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
	operation and implementation of the research project tasks		
4.0	Communication, Information Technology, Numerical		
4.1	<ul style="list-style-type: none"> Use useful web sites for research on the internet and obtain the latest practical research and increase .knowledge of the course' contents 	Using internet to get information and data to prepare research by using modern technology	Presentation, and research assessment
5.0	Psychomotor		
5.1	Using devices, laboratory instruments and tools with correctly way.	lab	reports

5. Schedule of Assessment Tasks for Students During the Semester:

	Assessment task	Week Due	Proportion of Total Assessment
1	First report about her performance of research stages	4	% 10
2	Second report about her performance of research stages	7	%10
3	Assessing the presentation	9	%10
	Assessing the research in its final form through the supervisor	13	%10
	Assessing the final presentation of the student through Court Committee	14	%15
	Assessing through the Court Committee	15	% 45

D. Student Academic Counseling and Support

- Determine Office hours rate (5 hours a week at least) to communicate with students
- Communicate, ask questions and inquiries through e-learning with a faculty member

E. Learning Resources

1. List Required Textbooks :

- Writing of scientific research, a new formulation. 1432 d / Abdul Wahab Ibrahim Suleiman , Abu Rushd Library for Publishing and Distribution , seventh edition.
- For books specializing in research topic determined by the faculty supervisor of the research project, according to the nature of the research topic and specialization is chosen.

2. List Essential References Materials :

determined by the faculty supervisor of the research project, according to the nature of the research topic and specialization is chosen

3. List Recommended Textbooks and Reference Material

- publications and Saudi magazines for the Life Sciences
- bulletins and King Abdulaziz City for Science and Technology patrols
- The other is determined by the supervisor

4. List Electronic Materials :

Saudi Digital Library •
www.pubmed.com
www.searchalot.com
www.google.com

5. Other learning material :

- using internet
- using computers and word, power point and excel programs

F. Facilities Required

1. Accommodation

- dedicated classrooms allow interaction between teachers and students) plasma screens ... etc.), computers - smart blackboard - Paper (normal, with full audio system, microphones and delivery networks), Internet, and modern system of conditioning and appropriate lighting.

- Laboratories and laboratories equipped with the latest appliances, electrical, chemical, tools and all the chemicals and means of safety for the study of practical courses

2. Computing resources

- computer and data show
- projector

3. Other resources

- Seminar Hall
 - Smart board

G Course Evaluation and Improvement Processes

1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:

- The distribution of questionnaires to the students at the end of each semester for a special rapporteur to each evaluation.
- Analyze the grades of students in the research project and its interpretation

2 Other Strategies for Evaluation of Teaching by the Program/Department Instructor :

- Course assessment .
- Periodic review of a course specification.
- review of external evaluators

3 Processes for Improvement of Teaching :

- Ensuring the provision of means and laboratory supplies required for the course.
- • exchange experiences with Ms. officials for research projects in other universities.
- • creating the right atmosphere
- • Training courses and programs for faculty members outside official working hours.
- • providing modern process references and scientific journals in the library.
- • Provide access to the Internet for students in the library.
- • Applicate modern technology in the teaching process.
- • Applicate of e-learning system

4. Processes for Verifying Standards of Student Achievement

- Participate in the evaluation of students' presentations for research projects by a jury of specialized faculty members in the department.
- Review the members of the Control Unit of the grades given to the student as well as the collection of special grades and all reports regarding evaluation of search

5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement :

- periodic review of courses by the faculty members to discuss the recurring problems and find the appropriate solution
- Assessing the Courses
- • discuss the best ways to evaluate the research project with a development and innovation wherever possible
- • Provide an opportunity for students to express their opinions about the mechanisms that are activated by the research project and receive proposals and the study of its effectiveness.
- • hold meetings and seminars with students that are studying or graduates to express their opinion about research projects and the methods used.
- • Training and development through training sessions and workshops on

an ongoing basis to follow up on the latest scientific and educational developments.

- Continuous access to private research websites

Course Specification Approved
Department Official Meeting No (.....) Date ... / ... / H

Course's Coordinator

Name :

Signature :

Date : .../ ... / H

Department Head

Name :

Signature :

Date : .../ ... / H