

EMPLATE FOR COURSE SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

١. Teaching Institution	University of Kirkuk\ Veterinary Medicine College
٢. University Department/Centre	Public Health
٣. Course title/code	Bio risk – CVM١٢٠٩
٤. Modes of Attendance offered	First class
٥. Semester/Year	٢ nd Semester \ ٢٠٢٠-٢٠٢١
٦. Number of hours tuition (total)	١٥
٧. Date of production/revision of this specification	١٣/٢/٢٠٢١
٨. Aims of the Course	
١. . Understanding the biological hazards management and knowledge of local and international regulations for the safety of vital biosecurity	
٢. Spreading the principles and culture of biological risk management to ensure the health and safety of the community.	
٣. Distinguishing between useful and safe applications and realizing the dangerous applications of scientific research.	

٩. Learning Outcomes, Teaching, Learning and Assessment Methode

1. Cognitive goals .

- A1. Students should be fully aware of the concept of biological risk management.
- A2. Make the student understand the medical risk management system and what it contains from the assessment of risks and the application of protection and mitigation systems
- A3. The student should be able to distinguish between useful and safe applications and be aware of the dangerous applications of scientific research.
- A4.
- A5.

B. The skills goals special to the course.

- B1. Make the student predict the biological hazards that may arise for some reason.
- B2. Make the student can take all measures to reduce or mitigate biological risks.
- B3. The student must be willing to communicate with others to achieve a specific goal.

Teaching and Learning Methods

1) The lectures. 2) Discussions during and after the lecture. 3) Motivation through questions and answers. 4) Homework 5) Preparing scientific reports

Assessment methods

1) Daily and monthly (theoretical) tests. 2) Discussing scientific reports 3) Questions and answers

C. Affective and value goals

- C1. Motivating the student to expand knowledge and study and contribute to the scientific process in future studies.
- C2. Familiarize the student with searching for information in sources and breaking the dread barrier to study other sources.
- C3. Educating the community to prevent the spread of epidemics and diseases
- C4.

Teaching and Learning Methods

Assessment methods

- 1. Semester and final theory exams with a rate of 90%
- 2. Extra-curricular activities (reports, making wall posters) by 10%

D. General and rehabilitative transferred skills (other skills relevant to employability and personal development)

D¹. Teamwork: Working in harmony with a group or team.

D². Initiative Motivation to work: the ability to take the initiative, determine the hypothesis, and put forward ideas and solutions.

D³. Planning & organization: The ability to develop plans and programs that are feasible for implementation.

D⁴. Flexibility: adapting to situations.

D⁵. Time management: The ability to work on specific dates.

10. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	1		Biological hazards Overview part 1	Theory (1 hour)	
2	1		Biological hazards part 2	Theory (1 hour)	
3	1		Biological hazards part 3	Theory (1 hour)	
4	1		Risk groups and biosafety levels	Theory (1 hour)	
5	1		Biological safety cabinets	Theory (1 hour)	
6	1		Controlling microbial growth part 1	Theory (1 hour)	
7	1		Controlling microbial growth part 2	Theory (1 hour)	
8	1		Mid-term exam.	Theory (1 hour)	(30) theory exam (5) for report
9	1		Biological hazards Overview part 1	Theory (1 hour)	
10	1		Biological hazards part 2	Theory (1 hour)	
11	1		Biological hazards part 3	Theory (1 hour)	
12	1		Risk groups and biosafety levels	Theory (1 hour)	
13	1		Biological safety cabinets	Theory (1 hour)	
14	1		Controlling microbial growth part 1	Theory (1 hour)	
15	1		Controlling microbial growth part 2	Theory (1 hour)	
			Final-term exam.		(70) theory exam

11. Infrastructure

1. Books Required reading:

٢. Main references (sources)	
A- Recommended books and references (scientific journals, reports...).	
B-Electronic references, Internet sites...	Wikipedia
١٢. The development of the curriculum plan	
<ol style="list-style-type: none"> ١. Searching for modern methods and means of teaching and learning away from the old traditional recitation method. ٢. Relying on modern educational means to transfer information. ٣. The use of modern devices, machines, and technologies, especially electronic ones, to convey information so that the student uses all his auditory, visual and sensory senses in comprehending and storing the information in his mind. 	