

# TEMPLATE 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.

1. Teaching Institution	Kirkuk University
2. University Department/Centre	Veterinary Medicine
3. Course title/code	<b>Male fertility and artificial insemination/ CVM5106</b>
4. Modes of Attendance offered	Fifth grade students
5. Semester/Year	Fifth year / First semester
6. Number of hours tuition (total)	First semester 45 hours
7. Date of production/revision of this specification	5/9/2021
8. Aims of the Course	
1- Accustoming the learner to discussion, research and conclusion in everything he hears, sees and thinks about in order to reach the facts (developing the scientific spirit of the student)	
2- Learn about the anatomy of the male reproductive system, its hormones, and its scientific terminology.	
3- Identifying the composition of sperm in farm animals.	

4- Helping the student to identify the methods of semen collection and how to evaluate them in farm animals.

5- Learn about artificial insemination techniques.


9· Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Cognitive goals .

- A1 . Knowledge and understanding.
- A2. stages of treatment in veterinary medicine.
- A3. Applied diagnosis

B. The skills goals special to the course.

- B1 . Technical and planning skills for treatment.
- B2 - Technical and planning skills related to diagnosis.
- B3 - Animal control skills.

Teaching and Learning Methods

1. Explanation and clarification.
2. The method of the lecture.
3. The method of self-education.

Assessment methods

- 1 . Semester and final theory exams
2. Semester and final practical exams
3. Extracurricular activities (reports, making wall posters).

A. Affective and value goals .

- C 1- Observation and perception.
- C2 - analysis and interpretation.
- C3 - Conclusion and evaluation.
- C4 - Preparation and evaluation.

Teaching and Learning Methods

Teaching methods / using data show devices + smart board

Learning Methods / Encouraging students to read external sources and urging them to become self-reliant.

Assessment methods

1- Theoretical tests

2- Practical tests

3- daily activities

4- Extra-curricular activities

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

D1- Follow up on developments in the field of veterinary obstetrics

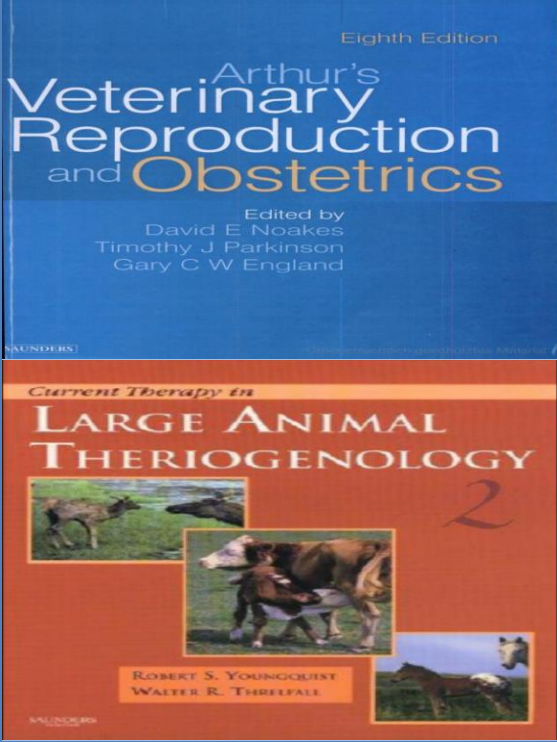
D2 - Reading recent sources and research

D 3- Keeping pace with the times in the fields of medical, veterinary and agricultural developments

#### 10. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	3		Male puberty and maturity <b>1</b>	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
2	3		Hormonal control of male reproductive system <b>1</b>	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
3	3		Spermatogenesis <b>1</b>	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
4	3		Composition of semen <b>1</b>	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
5	3		Sperm metabolism <b>1</b>	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
6	3		Method of semen collection <b>1</b>	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
7	3		Method of semen evaluation <b>2</b>	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
8	3		Method of semen evaluation <b>2</b>	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
9	3		Mid-term exam		
10	3		Method of semen dilution <b>2</b>	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
11	3		Method of semen	Theoretical (1 hour)	Theoretical and

			storage 1	+ practical (2 hours)	practical exams
12	3		Artificial insemination and Sperm transport 1	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
13	3		Infertility in males	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
14	3		Infertility in males	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams
15	3		Bull Breeding Soundness Examination	Theoretical (1 hour) + practical (2 hours)	Theoretical and practical exams

11. Infrastructure	
1. Books Required reading:	Nothing
2. Main references (sources)	
A- Recommended books and references (scientific journals, reports...).	----
B-Electronic references, Internet sites...	Wikipedia

12. The development of the curriculum plan : Add new lectures on modern techniques in

reproduction

