

Course Description Form

1. Course Name: Male fertility and artificial insemination

2. Course Code: VEC5111

3. Semester / Year :First semester / 5th stage

4. Description Preparation Date:13/2/2024

5. Available Attendance Forms: presence

6. Number of Credit Hours (Total) / Number of Units (Total) / 45 hour /2 unit

7. Course administrator's name (mention all, if more than one name)

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8. Course Objectives

Course Objectives	<p>1– Accustoming the learner to discussing, researching, and deducing everything he hears, sees, and thinks about in order to arrive at the facts (developing the student’s scientific spirit)</p> <p>2– Identify the anatomy of the male reproductive system, its hormones, and its scientific terminology.</p> <p>3– Identifying the formation of sperm in farm animals.</p> <p>4– Helping the student to identify methods of collecting semen and how to evaluate them in farm animals.</p> <p>5– Learn about artificial insemination techniques.</p>
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9. Teaching and Learning Strategies

Strategy	<ul style="list-style-type: none"> - Teaching the student the ability to diagnose diseases. - Teaching the student the ability to treat animals. - Teaching the student to raise and deal with animals.
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4		Anatomy of Reproductive System	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
2	4		Male puberty and Maturity	(1 hours)Theory	Theoretical tests

				(2 hours) Lab	and the process
3	4		Hormones of the Reproductive System	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
4	4		Spermatogenesis	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
5	4		SEMEN COLLECTION	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
6	4		Evaluation of semen	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
7	4		Evaluation of semen	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
8	4		Mid-term exam	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
9	4		Semen Dilution	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
10	4		Semen Dilution	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
11	4		Semen Storage	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
12	4		Seminal Fluids and Sp Metabolism	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
13	4		Infertility in males	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
14	4		ARTIFICIAL INSEMINATION TECHNIQUES	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
15	4		Bull Breeding Soundness Examination	(1 hours)Theory (2 hours) Lab	Theoretical tests and the process
16		Final exam			

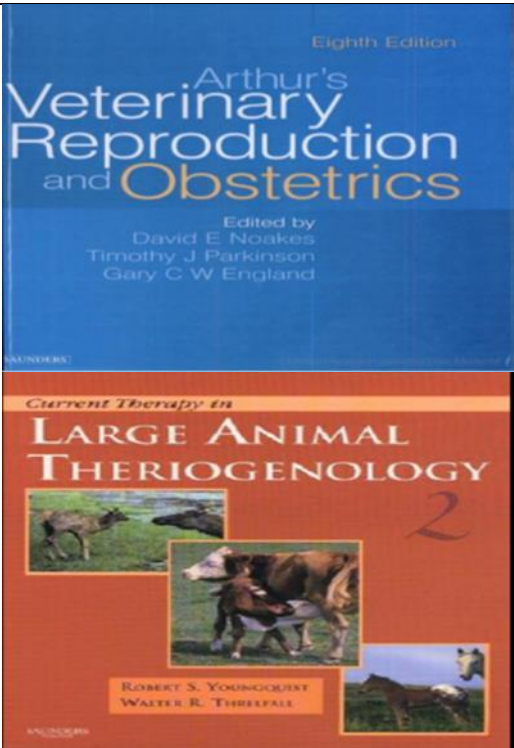
11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc .
It includes (20) theoretical and (30) practical exams, and the final exam is (30) theoretical + (30) practical .

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)

No

Main references (sources)	
Recommended books and references (scientific journals, reports...)	---
Electronic References, Websites	Depending on availability