

VM1002: ANIMAL HUSBANDRY EXTRA-MURAL STUDIES

Effective Term

Summer Term 2023

Part I Course Overview

Course Title

Animal Husbandry Extra-mural Studies

Subject Code

VM - Jockey Club College of Veterinary Medicine and Life Sciences

Course Number

1002

Academic Unit

Infectious Diseases and Public Health (PH)

College/School

Jockey Club College of Veterinary Medicine and Life Sciences (VM)

Course Duration

Non-standard Duration

Other Course Duration

12 weeks in vacations of Years 1 and 2

Credit Units

0

Level

B1, B2, B3, B4 - Bachelor's Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

VM 1001 Pre-EMS Animal Handling Skills

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

The purpose of husbandry EMS is to further develop your communication skills, professionalism and skills in animal handling and animal husbandry of all common domestic species including companion animals (cats, dogs, horses) and production animals (dairy cattle, small ruminants (sheep or goats), pigs, poultry and fish) through placements at operating farms, stables and other authentic animal establishments such as kennels and animal shelters. The completion of this course is a curricular milestone that requires 12 weeks of satisfactory performance in husbandry EMS placements involving companion and production animals. Students on husbandry EMS placements will work under the day-to-day direction of the farm/establishment manager and will actively participate in the routine management of the herd/flock/kennels. Students will typically undertake their Animal Husbandry EMS in one- or two-week blocks with each block being undertaken in a different farm or animal establishment. Husbandry EMS placements can be completed in Hong or abroad with the approval of the course leader. The language match between the student and the farm/establishment staff must be considered when planning placements. EMS placements occur in working commercial or charitable environments with which the Jockey Club College of Veterinary Medicine and Life Sciences (JCC) has established a relationship. These relationships take time to initiate and maintain as they rely on the goodwill of these animal providers. Please bear in mind that you have an important role in promoting the professionalism of the JCC, and your attitude and behaviour will determine whether these establishments will be happy to continue to offer EMS placements to students after completion of your placement. This is a precious opportunity for you to demonstrate your professionalism, communication skills and your work ethic. You should treat your placement as if you are a new employee - accept responsibility when participating in the daily operational activities of the farm/animal establishment, complete tasks in a timely manner, show initiative and volunteer when tasks need to be done after checking in with the supervisor/staff. Some activities may be new for you and will include manual labour, for example mucking out a stable, or emptying and cleaning litter trays. Your willingness to participate in these everyday animal husbandry tasks is an important part of developing team building and leadership skills, as well as understanding more about the essentials of animal management. You will also make observations as appropriate of the structure of the animal holding facilities and the impact of weather events on animals in those facilities, management of the food and water supply, management of waste, food conversion efficiency, reproductive rates, growth rates, animal identification techniques, and data records and recording.

Course Intended Learning Outcomes (CILOs)

	CILOs	Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Develop skills in animal handling and assessing the physical condition and nutritional status of animals across a range of common domestic species		x		
2	Demonstrate competence in animal husbandry across a range of common domestic species by participating in the daily operational activities to care for and main the health and welfare of companion and production animals.		x	x	x
3	Develop an understanding of the practice and economics of animal management and farming systems		x		
4	Demonstrate an understanding of the importance of herd health, animal welfare and ethical veterinary practices in animal management systems		x	x	
5	Consolidate your understanding of the nutritional requirements of animals and of factors that determine the choice of and amount of feed offered in production animal and companion animal settings for best practice.		x	x	x

6	Demonstrate effective communication skills and professionalism through active participation in day-to-day activities to maintain the health and welfare of animals in commercial and non-commercial establishments and in veterinary related environments.		x		
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A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Teaching and Learning Activities (TLAs)

TLAs	Brief Description	CILO No.	Hours/week (if applicable)
1	Training and observation Placement at different farms and animal facilities	1, 2, 3, 4, 5, 6	Typically 40 hr/wk

Additional Information for TLAs**Placement requirements**

Category	Placement	Duration (week)		Year of Program
		Minimum	Maximum	
Husbandry EMS	Dairy cattle farm	1	4	1 or 2
	Sheep/goat farm	1	2	1 or 2
	Stables	2	4	1 or 2
	Pig farm	1	2	1 or 2
	Poultry farm	1	2	1 or 2
	Kennels/cattery [#]	2	4	1 or 2
	Fish farm/aquarium	1	2	1 or 2
	Laboratory animal house	1	2	1 or 2
	Elective Husbandry Placement	2	2	2

AVBC requires dog and cat handling and husbandry before clinical work sensu stricto

Assessment Tasks / Activities (ATs)

ATs	CILO No.	Weighting (%)	Remarks (e.g. Parameter for GenAI use)
1	Formal Supervisor Feedback	1, 2, 3, 4, 5, 6	90
2	Reflective Assignment (700 words)	1, 3, 4, 5	5

3	Questionnaire (a survey conducted to self-assess the animal handling and husbandry skills upon completion of animal husbandry EMS)	2, 6	5	
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Continuous Assessment (%)

100

Examination (%)

0

Additional Information for ATs

The manager of the establishment will assess the performance of each student using a Likert scale to assess attitude, professional appearance, communication skills, animal handling abilities and understanding of animal management. Students are required to complete a reflective assignment based on a placement of their choice reflecting on the management system, husbandry and welfare of the animals. This will be marked according to the rubric below. Students are also required to complete a questionnaire as part of a survey conducted to self-assess their animal handling and husbandry skills upon completion of their 12 weeks of husbandry EMS placements. The EMS Coordinator will consider the Supervisor's assessment, the contents of the reflective assignment and completion of the questionnaire to determine whether the student has satisfied the course requirements. A PASS grade will be awarded for satisfactory performance, whereas an unsatisfactory performance requires that the particular required task/activity of placement be repeated.

Assessment Rubrics (AR)**Additional Information for AR****Formal Supervisor Feedback**

	Satisfactory	Unsatisfactory
Attain the expected level of progress for achieving competence in the following criteria by the end of each placement: Attitude, Professional Appearance, Communication Skills, Animal Handling Abilities, Relevant Knowledge, Problem Solving Abilities, Manual Skills, Contributions to Discussion, Understanding of Facility Management.	Received an overall proficient or satisfactory grade in the Supervisor Report Form.	Received an overall unsatisfactory grade in the Supervisor Report Form.

Reflective Assignment

	Satisfactory	Unsatisfactory
Content of work	<ul style="list-style-type: none"> · Reflection is thorough. · Makes meaningful connections to important ideas covered during the BVM Year 1 Curriculum. · Is supported with relevant details through use of sensory language, narrative accounts, and personal experiences 	<ul style="list-style-type: none"> · Little or no reflection · Little or no connection to important ideas covered during the BVM Year 1 Curriculum · Little or no support with relevant details

Reflection	<ul style="list-style-type: none"> · Reflection reveals feelings and thoughts through presentation of the experience. · Is thoughtful, convincing, insightful, and explanatory · Analyzes the experience by looking at more than one angle · Makes meaningful and practical suggestions for improvement 	<ul style="list-style-type: none"> · Little or no evidence of feelings or presentation of the experience · Little or no explanations given · Little or no analysis · Little or no suggestions for improvement
Writing strategies	<ul style="list-style-type: none"> · Uses a variety of writing strategies make the reflection clear to the reader such as using specific details, comparing, contrasting, naming, describing, reviewing prior knowledge, explaining possibilities 	<ul style="list-style-type: none"> · Little or no evidence of using multiple writing strategies
Questionnaire		
Complete the questionnaire (survey)	<p>Satisfactory</p> <p>Students have achieved sufficient animal handling and husbandry skills (self-assessment)</p>	<p>Unsatisfactory</p> <p>Students are not confident in their animal handling and husbandry skills (self-assessment)</p>

Part III Other Information

Keyword Syllabus

EMS, Husbandry, Extra-Mural Studies

Reading List

Compulsory Readings

Title	
1	Nil

Additional Readings

Title	
1	Nil