



The Hebrew University of Jerusalem

Syllabus

FARM ANIMAL WELFARE- FROM THEORY TO PRACTICE - 65906

Last update 13-05-2024

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: Veterinary Public Health

Academic year: 0

Semester: 2nd Semester

Teaching Languages: Hebrew

Campus: Rehovot

Course/Module Coordinator: Dr. Roi Mandel - Briefer

Coordinator Email: roi.mandel@mail.huji.ac.il

Coordinator Office Hours: by appointment

Teaching Staff:

Dr. Roi Mandel Briefer

Course/Module description:

How can we assess and promote the welfare of farm animals? What is the role of the veterinarian and which tools are at his disposal?

Course/Module aims:

The student will:

- 1. Familiarise him/herself with basic concepts from the field of animal welfare.*
- 2. Acquire tools to assess animal welfare.*
- 3. Better understand the welfare challenges at different phases of 4. Familiarise him/herself with methods to reduce suffering and promote animal welfare.*

Learning outcomes - On successful completion of this module, students should be able to:

- 1. Identify potential factors that can compromise the welfare of animals.*
- 2. Use different methods to assess animal welfare on farm.*
- 3. Reduce suffering and promote animal welfare in the farm, during transport and at the slaughterhouse.*

Attendance requirements(%):

100

Teaching arrangement and method of instruction: lectures, group discussion, group and individual assignments.

Course/Module Content:

Introduction to animal welfare - what is animal welfare? Whom does it serve and how?

How do animals perceive/experience their surroundings?

The importance of the group. Assessing needs.

Learning mechanisms and their effect on the animal's well-being.

Environmental enrichment - social, food, structure, sensory and cognitive enrichment

Physiological and behavioural indicators for assessing well-being.

- quantitative, qualitative, automatic monitoring.

Required Reading:

1. *Animal Welfare* 3rd edition. Appleby, Olsson and Galindo(2018). Cambridge University Press.
2. *Understanding animal welfare*, David Fraser. *Acta Veterinaria Scandinavica* 2008, 50(Suppl 1):S1 doi:10.1186/1751-0147-50-S1-S1.
3. *Environmental enrichment of dairy cows and calves in indoor housing*. 2016. Mandel, R., Whay, H. R., Klement, E., & Nicol, C. J. (2016). *Journal of dairy science*, 99(3), 1695-1715.
4. *The Cambridge Declaration on Consciousness*

Additional Reading Material:

1. *Improving animal welfare: a practical approach*/Temple Grandin (2008). Cambridge University Press.
2. *Animal Welfare* 3rd edition. Appleby, Olsson and Galindo(2018). Cambridge University Press.

Grading Scheme:

Essay / Project / Final Assignment / Home Exam / Referat 40 %
Submission assignments during the semester: Exercises / Essays / Audits / Reports / Forum / Simulation / others 60 %

Additional information: