

## *The Hebrew University of Jerusalem*

### *Syllabus*

## ***SELECTED TOPICS IN ANIMAL REPRODUCTION - 73807***

*Last update 18-10-2021*

*HU Credits:* 2

*Degree/Cycle:* 2nd degree (Master)

*Responsible Department:* Animal Sciences - International Program

*Academic year:* 0

*Semester:* 1st Semester

*Teaching Languages:* English

*Campus:* Rehovot

*Course/Module Coordinator:* Prof Israel Rozenboim

*Coordinator Email:* [rozenboi@agri.huji.ac.il](mailto:rozenboi@agri.huji.ac.il)

*Coordinator Office Hours:* By appointment

*Teaching Staff:*

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Dr. Dorit Kalo,  
Dr. Natalie Cohen

Course/Module description:

Mammalian reproduction  
Male reproduction  
Spermatogenesis  
Endocrine control of semen production  
Female reproduction  
Ovary, oviduct  
Follicle production  
Endocrine control of the female reproduction  
Embryo development

Course/Module aims:

introduction to mammalian reproduction

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

Describe the anatomy of male and female reproduction systems in mammalian  
Recognize the endocrine regulation of the female and male reproduction system  
Describe basic embryonic development terms

Attendance requirements(%):

100

Teaching arrangement and method of instruction: lectures

Course/Module Content:

Mammalian reproduction  
Male reproduction  
Spermatogenesis  
Endocrine control of semen production  
Female reproduction  
Ovary, oviduct  
Follicle production  
Endocrine control of the female reproduction  
Embryo development

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Required Reading:

*will be provided during the course*

Additional Reading Material:

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Grading Scheme:

Additional information:

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