



# *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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