

## *The Hebrew University of Jerusalem*

### *Syllabus*

### *poultry nutrition and managemnt - 71822*

*Last update 10-04-2024*

*HU Credits: 6*

*Degree/Cycle: 1st degree (Bachelor)*

*Responsible Department: Animal Sciences*

*Academic year: 0*

*Semester: 2nd Semester*

*Teaching Languages: Hebrew*

*Campus: Rehovot*

*Course/Module Coordinator: Prof Israel Rozenboim*

*Coordinator Email: [rully.r@mail.huji.ac.il](mailto:rully.r@mail.huji.ac.il)*

*Coordinator Office Hours: all day*

*Teaching Staff:*

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Prof Israel Rozenboim,  
Prof Zehava Uni,  
Ms. Joanna Bartman,  
Mr. Jonatan Dayan

Course/Module description:

Poultry production - breeds and cross breeds. Poultry branches: broilers, layers, turkeys, geese, ostriches and game birds. The role of artificial light in poultry production. Embryo development and incubation management. Breeders management, production planning at the farmers and integration levels. Labs: Incubation of broiler embryos under various light illuminations: methods of incubation, broiler production from hatch to marketing age, monitoring of feed intake, growth, morbidity, morphometric parameters on marketing age. Field trips at various branches of poultry business.

Course/Module aims:

To present the poultry sector in Israel. To present the various poultry breeds and the sectors of the poultry branch

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

1. Introduction to poultry business.
2. Introduction to poultry nutrition.
3. Solving management problems.
4. Planning.
5. Practical poultry growing.

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Lectures,  
Field trips, practicum  
Practical poultry rearing

Course/Module Content:

1. Poultry business.
2. Broiler production.
3. Layer production

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4. Breeder production
  5. Incubation
  6. Turkey production
  7. Planning.
  8. Nutrition

Required Reading:

*Will be provided during the course.*

Additional Reading Material:

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Grading Scheme:

*Written / Oral / Practical Exam 100 %*

Additional information:

*recorded lectures will open immediately*