

Courses at the Faculty of Agriculture (HUJI)

Note: These courses are not approved for the Brain Sciences track.

Semester 1

1. Molecular microbial ecology 73536
2. Signaling between bacteria and their environment 71971
3. Biology and ecology of global change 71976
4. Introduction to GIS (geographic information system) 71342 (This course is approved only to the Plant, Environment and Ecosystems cluster as it will be given in Hebrew)

Semester 2

1. Signal transduction pathways 71119
2. Remote sensing of soil-plant-atmosphere processes 71631 (This course is approved only to the Plant, Environment and Ecosystems cluster as it will be given in Hebrew)
3. Environmental microbiology 71977
4. Introduction to parasitology 71824 (This course is approved only to the Immunology and Infection cluster as it is an introductory course)
5. Principles of Virology 71510 (This course is approved only to the Immunology and Infection cluster as it is an introductory course)

Coursera courses

Note: Only the courses specified are approved for the Brain Sciences track.

1. Getting started in cryo-EM - Electron microscopy, 1CP
<https://www.coursera.org/learn/cryo-em>
2. Industrial Biotech, 0.5CP
<https://www.coursera.org/learn/industrial-biotech>
3. Biochemical Principles of Energy Metabolism, 0.5CP
<https://www.coursera.org/learn/energy-metabolism>
4. Epidemics - the Dynamics of Infectious Diseases, 1CP
<https://www.coursera.org/learn/epidemics>
5. Medical Neuroscience, 3CP (approved for the Brain Sciences)
<https://www.coursera.org/learn/medical-neuroscience>
6. Network Analysis in Systems Biology 1.5CP (approved for the Brain Sciences)
<https://www.coursera.org/learn/network-biology#syllabus>
7. Exploratory Data Analysis, 3CP (approved for the Brain Sciences)
<https://www.coursera.org/learn/exploratory-data-analysis>
8. Computational Neuroscience, 1.5CP (approved for the Brain Sciences)
<https://www.coursera.org/learn/computational-neuroscience>
9. Epigenetic Control of Gene Expression, 1CP
<https://www.coursera.org/learn/epigenetics>