

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. Basics of Extracellular Vesicles, 0.5CP <https://www.coursera.org/learn/extracellular-vesicles>
10. Epigenetic Control of Gene Expression, 1CP <https://www.coursera.org/learn/epigenetics>
11. Impacts of the Environment on Global Public Health Specialization, University of Michigan, <https://www.coursera.org/specializations/impacts-of-the-environment-on-global-public-health>. Consists of 4 different courses. The recommendation is to take courses 2&3, awarding 2 CPs for both together
12. Introduction to Sustainability, U Illinois, <https://www.coursera.org/learn/sustainability#syllabus>, 1.5 CPs
13. Landscape Ecology, ETH, <https://www.edx.org/course/landscape-ecology>, 3 CPs
14. Our Energy Future, UC San Diego, <https://www.coursera.org/learn/future-of-energy>, 2 CPs
15. The Great Sustainability Transition: Global challenges, Local actions <https://www.coursera.org/learn/sustainability-global-challenges-and-local-actions> 1.5 CPs

Courses of the WIS graphics and IT unit

1. Illustrator/photoshop advanced (short) - 0.5 CP
2. Illustrator/photoshop basic (long) - 1.5 CP For details on these courses please visit <https://www.weizmann.ac.il/WIT/courses>

HUJI / Faculty of Agriculture

Course name	Code	Semester
Paleogenomics: ancient DNA and Evolutionary history	71195	1
Genetic Engineering & Insect Biotechnologies	71197	1
CONTEMPORARY APPROACHES TO PLANT PHYSIOLOGY	71963	1
protein engineering & nano biotechnology	73501	1
Animal Embryology	73563	1
PLANT BIOCHEMISTRY	73901	1
BIOCHEMISTRY	73955	1
The microstructure and function of plant cell walls	71104	2
TOPICS IN EPIGENETICS	71121	2
STEM CELLS AND CELLULAR HIERARCHY	71169	2
Advanced approaches and methods in plant ecology	71911	2
Introduction to population genetics	71968	2
Game theory with applications in environmental economics	73509	2