

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

Semester			Limitations
2	71437	BIOINFORMATICS AND STRUCTURAL BIOCHEMISTRY	Given in Hebrew
2	71184	GENETIC ENGINEERING	
1	71254	INTRODUCTION TO IMAGE PROCESSING AND ANALYSIS	Given in Hebrew
2	71824	Introduction to parasitology	This course is approved only to the Immunology and Infection cluster as it is an introductory course
2	71169	STEM CELLS AND CELLULAR HIERARCHY	
1	71342	INTRODUCTION TO GIS	This course is approved only to the Plant, Environment and Ecosystems cluster as it will be given in Hebrew
1	71971	SIGNALING BETWEEN BACTERIA AND THEIR ENVIRONMENT	
2	71631	REMOTE SENSING OF SOIL-PLANT-ATMOSPHERE PROCESSES	This course is approved only to the Plant, Environment and Ecosystems cluster as it will be given in Hebrew
2	71977	ENVIRONMENTAL MICROBIOLOGY	
2	71510	Principles of Virology	This course is approved only to the Immunology and Infection cluster as it is an introductory course.
Energy and the Environment, Hebrew University, https://shnaton.huji.ac.il/index.php/NewSyl/82612/2/2024/ , approved with 3 credit points.			