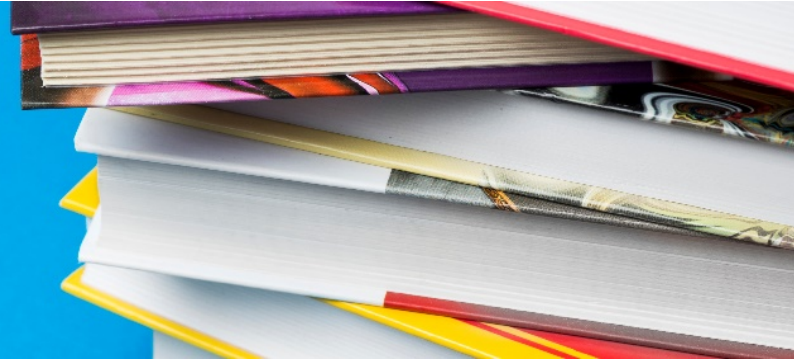




Full Syllabus



Course Title

Biochemistry 1

Lecturers

Prof. Hagit Eldar-Finkelman, Dr. Michal Taler and Dr. Yehuda Kamari. Teaching assistant: Ido Rippin

Semester

2021/2

Course requirements

Mandatory attendance in discussions and exercises

Final grade components

Final exam

Course schedule

Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
08.03.21	Cell structure and interactions
09.03.21	Macromolecules and protein structure. Exercise: Stoichiometry
16.03.21	Proteins: structure and function. Exercise: Amino acids and proteins
22.03.21	Enzymology I
06.04.21	Enzymology II + Exercise
12.04.21	Computer workshop
19.04.21	Introduction for carbohydrates
27.04.21	Metabolism and Thermodynamics. Exercise: Methods for protein separation
04.05.21	Glycogen and glycolysis. Exercise: Glycogen storage
11.05.21	Glycolysis and Krebs cycle+ Exercise
25.05.21	Oxidative phosphorylation. Exercise: The ETC and its inhibitors
01.06.21	Gluconeogenesis + Exercise
08.06.21	Lipids
14.06.21	Lipids
15.06.21	Lipids + course summary

Required course reading

Selected text from Lehninger 5th edition relevant internet links

Optional course reading

Comments



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Full Syllabus

