



## *The Hebrew University of Jerusalem*

### *Syllabus*

# **STRUCTURAL ANALYSIS OF PROTEIN STRUCTURES - 92849**

*Last update 03-11-2019*

*HU Credits:* 4

*Degree/Cycle:* 2nd degree (Master)

*Responsible Department:* Structural & Molecular Biochemistry

*Academic year:* 0

*Semester:* 2nd Semester

*Teaching Languages:* English and Hebrew

*Campus:* E. Safra

*Course/Module Coordinator:* Prof Oded Livnah

*Coordinator Email:* [Oded.Livnah@mail.huji.ac.il](mailto:Oded.Livnah@mail.huji.ac.il)

*Coordinator Office Hours:* By appointment

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Teaching Staff:

Prof Oded Livnah

Mr.

Ms.

Course/Module description:

The course provides basic tools in protein structure analysis. During the course we will perform sequence database searches, PDB searches. We will use graphics related computer applications for structural analysis.

Course/Module aims:

Provide basic tools in protein structure analysis

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

Capability to assess structural related data/publications

Attendance requirements(%):

100%

Teaching arrangement and method of instruction: Lecture, Seminar and computer based tutorials

Course/Module Content:

Sequence database searches, PDB searches, graphics related computer applications, structural analysis.

Required Reading:

None

Additional Reading Material:

None

Course/Module evaluation:

End of year written/oral examination 0 %

Presentation 0 %

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*Participation in Tutorials 0 %*  
*Project work 100 %*  
*Assignments 0 %*  
*Reports 0 %*  
*Research project 0 %*  
*Quizzes 0 %*  
*Other 0 %*

*Additional information:*

*None*