

Course Project

Elements of Biophysics

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<http://biofold.org/>



**Biomolecules
Folding and
Disease**

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Course Project

- Identify a **protein of interest with know three-dimensional structure and function**. Using the results of previous works, **analyze the structure** of the selected protein **in the context of its function**.
- Before you start, please send me a short description of your project for the approval. **Possible deadline November the 14th**.
- The presentation and the approval of the project paper is not sufficient condition to pass the exam.
- Submit the paper by email with subject: project-ebp - Name Surname to: emidio.capriotti@unibo.it. **Possible deadline December the 12th**.

Project Report

- **Abstract (summary of the study)**

Short paragraph (100-200 words) summarizing the background and the results of your study

- **Introduction**

Brief description of the problem and the previous knowledge in the field.

- **Materials and Methods**

What are the techniques and methods used in your study. **It must contain all the information necessary to integrally reproduce the work.**

- **Results**

The section must present the results of your work. This section can include figures and tables.

- **Conclusions**

The section present concisely the achievements of the presented work.

- **References**

See the template for the appropriate format

Possible tools

The project can be developed using any tool, but it is suggest to become familiar with basic tools that are nowadays the standards for the scientific production.

- **Project writing**

Based on your preference online tools like [Google Docs](#) or [overleaf](#).

- **Bibliography**

To collect and manage the bibliography of your report I suggest to use [zotero](#) which can be integrated with google doc

- **GitHub**

To keep track of all the steps of your work and the results obtained in your study you can use [GitHub](#) a free platform for distributed version control.

Course Evaluation

It is important to improve the quality of the course. Please provide suggestions.

- Is the **preliminary knowledge** suitable for the topics of the course?
- Is the teaching load proportional to the credits of the course?
- Is the **teaching material** available and suitable for the course?
- Is the examination process clearly defined?
- Are the schedules of the lectures and other teaching activities respected?
- Is the teacher motivating and stimulating the students?
- Does the teacher present the **topics clearly**?
- Are the supplementary activities (exercises, tutoring, laboratories, etc.) useful?
- Are the topics of the course consistent with the program available on the web?
- Is the **teacher available** for clarifications and explanations?
- Are you interested in the topics covered during the course?
- **Overall are you satisfied** of the development of the course?
- Were all the lectures given by the teacher?
- Are the classrooms suitable for the course?
- Are the virtual classrooms suitable for the course?
- Is the **timetable of the course compatible** with the studying activities?
- Are the equipment and the lab suitable for the course?
- Does the teacher provide appropriate information to complete this evaluation form?