

Bio-Molecular Machines

Syllabus Number

5F353

Special Subjects

Elective 2 credit

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1. Course Description

This course starts with an introduction of mechanisms of biological systems and then extends to function of biological molecules and bio-molecular machines. Systems derived from combinations of different kinds of molecules and differences from man-made machines will be discussed for further understanding.

2. Course Objectives

One of the goals of this course is understanding of the structure and function of biological molecules based on knowledge of molecular machines. For this purpose, it is necessary for students to study fields such as biochemistry, biophysics, and molecular biology.

3. Grading Policy

Mainly by reports. When last report is returned, important points and scale will be explained. Also, next report will be shown.

4. Textbook and Reference

5. Requirements(Assignments)

6. Note

7. Schedule

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