Syllabus 2019 Applied Information Sciences

Information Biology

Basic information

- Held this year: yes
- Instructor(s): Prof. Keiichi Itoi, Assoc. Prof. Tatsuya Sato, Assis. Prof. Katsuya Uchida
- Room: Lecture Hall, GSIS
- Schedule: The first half year (Friday) 8:50-10:20
- Begins on: 04/12

Objectives and outline

The perception, recognition, memory, intension, and emotion comprise the major tasks of the brain. Blood pressure, body temperature, and hormone secretion are indispensable for maintaining basal functions of an organism which are also under the control of the brain. To help understand the mechanisms of the brain, explanations will be made, first, upon the mechanism of neural excitation, functions of neurotransmission and neural plasticity, then upon the neural development, higher brain functions, and abnormalities of the nervous system. Students without basic knowledge on biology are eligible and welcome.

Class plan

Evaluation

Textbook(s)


Web site

http://www.bio.is.tohoku.ac.jp/

Office hours

Other information