

SOFTWARE ENGINEERING

4 ECTS (CREDITS)

Purpose of the subject:

To provide students with knowledge of software systems engineering and its importance in the development of modern software products (applications, information systems, computer games, etc.). To provide students with the ability to plan, execute and manage software systems engineering processes.

Study subject annotation:

The subject introduces the processes, principles, and practices of developing software systems. The information is presented through an overview of the software systems engineering processes, spanning from the envisioning of a software system to its decommissioning. It provides a detailed introduction to models of application system life cycles, methods, and practices of system specification, design, construction, testing, and maintenance. Additionally, it offers an introduction to the basic documentation and drafting of software products and development processes.

Evaluation form:

Exam