

Annotation
Educational practice
"Teaching and research practice"
field of study
02.03.02 Fundamental Informatics and information technologies

Code of discipline and place of discipline in the structure of the curriculum of the bachelor degree:

In 2.1.1 in the «Practices" section of the variable part of the curriculum “Software engineering” is mandatory.

Year and semester of study: 3rd year, 5th semester.

Enrollment requirements for mastering the discipline: For implementation of educational research practice, it is required to master the bachelor's program for the first and second year in the course 02.03.02 "Fundamental Informatics and Information technologies", including the disciplines of the major and variable parts of the block 1.

Total credit value of the discipline: 3 credit units (108 hours), 32 hours of which are group work (32 hours - scientific and technical seminar of the department), 76 hours - the independent work of the student.

Delivery mode: the scientific and technical seminar of the department is held in lecture rooms, independent work - in computer classes.

Form of midterm assessment: credit (pass-fail exam).

The importance of the discipline for the bachelor degree: the obtaining of primary skills and research activities.

Method of practice: practice is carried out in a stationary way and is distributed (runs parallel with training sessions).

Places of practice: practice is conducted at the departments of the Faculty of Informatics, at enterprises, research institutes, subdivisions of universities that carry out research and development of software systems commissioned by enterprises and organizations.

Annotation
on-the-job practice
"Research work"
field of study

02.03.02 Fundamental Informatics and information technologies

Code of discipline and place of discipline in the structure of the curriculum of the bachelor degree:

In 2.2.1 in the «Practices" section of the variable part of the curriculum “Software engineering” is mandatory.

Year and semester of study: 3rd year, 6th semester.

Enrollment requirements for mastering the discipline: For implementation of research work, it is required to master the bachelor's program for the first and second year in the course 02.03.02 "Fundamental Informatics and Information technologies", including the disciplines of the major and variable parts of the block 1.

Total credit value of the discipline: 3 credit units (108 hours), 32 hours of which are group work (32 hours - scientific and technical seminar of the department), 76 hours - the independent work of the student.

Delivery mode: the scientific and technical seminar of the department is held in lecture rooms, independent work - in computer classes.

Form of midterm assessment: examination, type of reporting - course work and protection of scientific research work at the scientific and technical seminar of the department.

The importance of the discipline for the bachelor degree: obtaining professional skills, including skills for research activities.

Method of practice: practice is carried out in a stationary way and is distributed (runs parallel with training sessions).

Places of practice: practice is conducted at the departments of the Faculty of Informatics, at enterprises, research institutes, subdivisions of universities that carry out research and development of software systems commissioned by enterprises and organizations.

Annotation
on-the-job practice
Predegree practice
field of study

02.03.02 Fundamental Informatics and information technologies

Code of discipline and place of discipline in the structure of the curriculum of the bachelor degree:

In 2.2.2 in the «Practices" section of the variable part of the curriculum “Software engineering” is mandatory.

Year and semester of study: 4rd year, 8th semester.

Enrollment requirements for mastering the discipline: To fulfill the predegree practice, the students require competencies formed as a result of mastering the entire bachelor's program in the course 02.03.02 "Fundamental Informatics and Information Technologies", including all disciplines of the major and variable parts of block 1 and practices from block 2.

Total credit value of the discipline: 12 credit units (432 hours), 22 hours of which are group work (22 hours – scientific and technical seminar of the department), 410 hours is the work of the student with the research advisor and independent work.

Delivery mode: the scientific and technical seminar of the department is held in lecture rooms, independent work - in computer classes.

Form of midterm assessment: credit (pass-fail exam) graded, type of reporting-the text of the Final course work and pre-defense of the Final course work at the scientific and technical seminar of the department.

The importance of the discipline for the bachelor degree: the objectives of the pre-degree practice are to consolidate and deepen the theoretical training of the student, the acquiring of practical skills and competencies, as well as experience of independent professional activity in real production conditions; writing final qualifying paper.

Method of practice: practice is carried out in a stationary way and divided into two parts. The first half of the practice (216 hours) is distributed (runs in parallel with the training sessions), the second (4 weeks) – dedicated.

Places of practice: practice is conducted at the departments of the Faculty of Informatics, at enterprises, research institutes, subdivisions of universities that carry out research and development of software systems commissioned by enterprises and organizations.