Al-Farabi KazNU trains specialists using credit technology of education, the main task of which is to develop students' abilities for self-organization and self-education based on the elective educational trajectory within the framework of regulation of the educational process and accounting for the amount of knowledge in the form of credits.

*Credit (Credit Hour)* is a unified unit for measuring the amount of educational work of a student / teacher. One credit of theoretical training is 45 academic hours, of which 15 hours of classroom work, 30 hours of independent work.

*Credit technology of education (Credit Unit System)* is an educational technology that increases the level of self-education and creative development of knowledge based on individualization, elective educational trajectory in the framework of taking into account the volume of knowledge in the form of credits and the accumulative system of education.

The volume of the study load of students is measured in credits mastered during the academic year for each academic discipline. For the entire period of study at the university, the student must master the required number of credits.

**Distribution of credits and hours for credit**

**education system**

|  |  |  |
| --- | --- | --- |
| **Credits of****disciplines** | **Credit distribution** | **Hours distribution** |
| **Lectures** | **Seminars** | **Labs** | **Lectures** | **Seminars** | **Labs** |
| 3 credits | 1.5 | 1.5 | 0 | 15 | 15 | 0 |
| 5 credits | 1.7 | 3.3 | 0 | 15 | 30 | 0 |
| 1.7 | 0 | 3.3 | 15 | 0 | 30 |
| 1.7 | 1.7 | 1.6 | 15 | 15 | 15 |
| 6 credits | 3 | 3 | 0 | 30 | 30 | 0 |
| 1.5 | 1.5 | 3 | 15 | 15 | 30 |
| 9 credits | 3 | 3 | 3 | 30 | 30 | 30 |
| 1.5 | 1.5 | 6 | 15 | 15 | 60 |
| 3 | 6 | 0 | 30 | 60 | 0 |
| 3 | 0 | 6 | 30 | 0 | 60 |

**Number of credits for the entire period of study**

**Bachelor’s program**

|  |  |  |  |
| --- | --- | --- | --- |
| **Semester** | **General****number of credits** | **Number of credits by disciplines** | **Practice** |
| **2** | **5** | **6** | **8** | **9** |
| 1 | 29 | 1 | 2 | - | 1 | 1 | - |
| 2 | 31 | 1 | 4 | 1 | - | - | Educational practice -3 credits |
| 3 | 31 | 1 | 1 | 1 | - | 2 | - |
| 4 | 29 | 1 | 1 | - | - | 2 | Industrial (production) practice -4 credits |
| 5 | 30 | - | - | 2 | - | 2 | - |
| 6 | 30 | - | - | 3 | - | 1 | Industrial (production) practice -3 credits |
| 7 | 36 | - | - | 3 | - | 2 | - |
| 8 | 24 | - | - | - | - | - | Industrial (production) practice - 9 creditsProfessional (Pre-Diploma) practice - 7 creditsFinal certification - 8 credits |
| **Number of credits for the entire period of study: 240** |

**Master's program**

|  |  |  |  |
| --- | --- | --- | --- |
| **Semester** | **General****number of credits** | **Number of credits by disciplines** | **Scientific research work** |
| **3** | **6** | **9** |
| 1 | 30 | 1 | 4 | - | Scientific seminar - 1 creditCompletion of a master's thesis - 2 credits |
| 2 | 30 | 2 | 1 | 1 | Teaching practice - 5 creditsScientific seminar - 1 creditCompletion of a master's thesis - 2 credits |
| 3 | 33 | - | - | 3 | Research practice - 4 creditsCompletion of a master's thesis - 2 credits |
| 4 | 27 |  |  |  | Research practice - 4 creditsScientific seminar - 1 creditCompletion of a master's thesis - 7 creditsScientific internship - 3 creditsPublications in scientific journals - 4 credits |
| **Number of credits for the entire period of study: 120** |

**PhD program**

|  |  |  |  |
| --- | --- | --- | --- |
| **Semester** | **General****number of credits** | **Number of credits by disciplines** | **Scientific research work** |
| **2** | **3** | **5** |
| 1 | 31 | 1 | 1 | 4 | Scientific seminar - 3 creditsCompletion of a doctoral dissertation - 3 credits |
| 2 | 29 | - | - | - | Teaching practice - 10 creditsScientific seminar - 2 creditsGraduation seminar - 6 creditsCompletion of a doctoral dissertation - 11 credits |
| 3 | 30 | - | - | - | Research practice - 5 creditsScientific seminar - 8 creditsCompletion of a doctoral dissertation - 14 creditsParticipation in international conferences - 3 credits |
| 4 | 30 | - | - | - | Research practice - 5 creditsScientific seminar - 4 creditsGraduation seminar - 6 creditsCompletion of a doctoral dissertation - 15 credits |
| 5 | 30 |  |  |  | Scientific seminar - 3 creditsGraduation seminar - 6 creditsCompletion of a doctoral dissertation - 8 creditsParticipation in international conferences - 3 creditsScientific internship - 10 credits |
| 6 | 30 | - | - | - | Scientific seminar - 1 creditCompletion of a doctoral dissertation - 2 creditsPublication of scientific results - 15 creditsFinal certification - 12 credits |
| **Number of credits for the entire period of study: 180** |