## Practice and communication with the school

III. practice and communication with the school (educational, pedagogical, industrial, etc.) / practice and communication with the school (educational, pedagogical, production and others.);

According to the academic calendar of the University for the 2019/2020 academic year, students of the 3,4 course of the specialty "5b011300-Biology", "5b060700-Biology" study in schools of Almaty (3rd year 13.01.2020 - 09.02.2020, 4th year 16.09.2019 - 09.12.2019 and 13.01.2020 - 26.04.2020) passed a pedagogical practice.

In order to systematically organize and conduct students ' practice, practice bases taking into account the specific features of pedpractics (Almaty №№2, 19, 30, 58, 62, 92, 98, 124, 128, 136, 143, 147, 148, 167, 168, 178, acting professor Izbasarova R. Sh., associate professor Bekenova N. A., senior teacher Kalybayeva a.m., Senior Teacher Birtalaev E. K., candidate of Pedagogical Sciences, Associate Professor Demeuova L. N., senior teacher, master Jamilova S. M., senior teacher, master Kamieva G. S.) were pre-appointed and contracts were concluded. The plan and schedule of pedpractics for improving the professional training of students of the 3rd and 4th courses (Protocol No. 1, 01.09.2020) were approved.

A 3-party agreement has been concluded between the basic schools of Almaty and the University (agreed with the student's parents), the terms of which are provided. At the orientation Conference of pedagogical practice, students of the 3rd year (13.01.2020) and 4th year (16.09.2019) were introduced to the schools where pedagogical practice is held, methodologists, teachers and psychologists, as well as the goals and objectives of the practice. At the conference, students receive a referral to practice, a practice diary, and practical tasks.

3rd year students of specialty "5B011300-Biology"13.01.2020 - 09.02.2020 during the period of pedagogical activity: NIS (methodologist: teacher Uldakhan Sh., teacher: candidate of Pedagogical Sciences, Associate Professor Seidakhmetov B. S., psychologist: teacher Autalipova E. N.), Lyceum No. 178 (methodologist, senior teacher, master Kamieva G. S., teacher: candidate of Pedagogical Sciences, Associate Professor Seidakhmetov B. S., psychologist: Rice G. B.), General Education Secondary School No. 128 (methodologist: senior lecturer kalybayeva a.m., teacher: candidate of Pedagogical Sciences, associate professor seidakhmetov B. S., psychologist: Psychol.candidate of science, Acting Associate Professor B. D. Zhigitbekova), gymnasium No. 58 (methodologist, senior teacher, master Kamieva G. S., teacher: candidate of Pedagogical Sciences, Associate Professor Seidakhmetov B. S., psychologist: Psychol.candidate of science, Acting Associate Professor B. D. Zhigitbekova), Gymnasium No. 62 (methodologist: PhD, senior teacher Amanbayeva M. B., teacher: Ph. D., associate professor Seidakhmetov B. S., psychologist: teacher Autalipova E. N.), General Education School No. 167 (methodologist: PhD, senior teacher Amanbayeva M. B., teacher: Ph. D., associate professor Seidakhmetov B. S., psychologist: teacher Autalipova E. N.), General Education School No. 55 school (Ph. D., professor izbasarova R. Sh., teacher: Ph. D., associate professor Seidakhmetov B. S., psychologist: Psychol.candidate of Science, senior teacher Abisheva E. D.), General Education Secondary School No. 19 (methodologist: senior teacher, master Jamilova S. M., teacher: candidate of Pedagogical Sciences, Associate Professor Seidakhmetov B. S., psychologist: Psychol.candidate of science, Acting Associate Professor B. D. Zhigitbekova), School No. 168 - gymnasium (methodologist: senior teacher Kalybayeva a.m., teacher: candidate of Pedagogical Sciences, Associate Professor Seidakhmetov B. S., psychologist: Psychol.candidate of Science, acting associate professor Zhigitbekova B. D.), general education secondary school No. 98 (methodologist: senior teacher Birtalaev E. K., teacher: Ph. D., associate professor Seidakhmetov B. S., psychologist: teacher Kurmanbekova M. B.), General Education Secondary School No. 2 (methodologist: senior teacher Birtalaev E. K., teacher: Ph. D., associate professor Seidakhmetov B. S., psychologist: teacher kurmanbekova M. B.), secondary General Education School No. 143 (methodologist: senior lecturer birtalaev E. K., teacher: candidate of Pedagogical Sciences, Associate Professor seidakhmetov B. S., psychologist: teacher Kurmanbekova M. B.).

4th year students of the specialty 5B011300-Biology", "5B060700-Biology"16.09.2019-26.04.2020 in the period of industrial and pedagogical practice: General Secondary School No. 128 (methodologist: senior teacher Kalybayeva a.m., teacher: Ph. D., associate professor Kiyasova B. A.), General Secondary School No. 147 (methodologist: senior teacher, master Jamilova S. M., teacher: Ph. D., associate professor Kiyasova B. A.), General Secondary School No. 167 (methodologist: senior teacher, master Kamieva G. S., teacher: candidate of Pedagogical Sciences, associate professor kiyasova B. A.), General Education School No. 124 (methodologist: senior teacher, master jamilova S. M., teacher: candidate of Pedagogical Sciences, Associate Professor kiyasova B. A.), General Education School No. 24 (methodologist: senior teacher, the purpose of the seminar is to familiarize students with the history of the University. Specialized Lyceum No. 92 named after Gandhi (methodologist: Ph. D., associate professor Demeuova L. N., teacher: Ph. D., associate professor Kiyasova B. A.), General Education School No. 136 (methodologist: senior teacher, master Jamilova S. M., teacher: Ph. D., associate professor Kiyasova B. A. (general Secondary School No. 143 (methodologist: senior teacher Birtalaev E. K., teacher: P candidate of science, associate professor kiyasova B. A.), General Secondary School No. 148 (methodologist: candidate of Pedagogical Sciences, Associate Professor demeuova L. N., teacher: candidate of Pedagogical Sciences, Associate Professor kiyasova B. A.), General Secondary School No. 2 (methodologist: senior lecturer birtalaev E. K., teacher: candidate of Pedagogical Sciences, associate professor kiyasova B. A.), Specialized gymnasium No. 12 (methodologist: senior teacher Kalybayeva a.m., teacher: candidate of Pedagogical Sciences, Associate Professor Kiyasova B. A.), School No. 168 - gymnasium (methodologist: senior teacher Kalybayeva a.m., teacher: Ph. D., associate professor Kiyasova B. A.), General Education Secondary School No. 98 (methodologist: senior teacher Birtalaev E. K., teacher: Ph. D., associate professor Kiyasova B. A.) General Education Secondary School No. 172 (methodologist: senior teacher Birtalaev E. K., teacher: Ph. D., associate professor Kiyasova B. A.), 19 general education secondary school (methodologist: senior teacher, Master jamilova S. M., teacher: Ph. D., associate professor kiyasova B. A.), General Education School No. 30 named after D. snegin (methodologist: senior teacher, master kamieva G. S., teacher: Ph. D., associate professor kiyasova B. A.); Students of specialty 5b011300-Biology sent to employers in connection with the Employment Program: 4 students of specialty 5b011300-Biology passed pedagogical practice: Kunanbai Moldir Bakytkyzy (secondary General Education School No. 84, methodologist: candidate of Pedagogical Sciences, Associate Professor Demeuova L. N., teacher: candidate of Pedagogical Sciences, Associate Professor Kiyasova B. A.), Nurbayeva Azhar Sayatovna (Eurasian Lyceum – school, methodologist: senior teacher Kalybayeva a.m., teacher: Ph. D., associate professor Kiyasova B. A.), Orazbay Arailym Maksutovna (secondary General Education School No. 198, methodologist: senior teacher Birtalaev E. K., teacher: Ph. D., associate professor Kiyasova B. A.). passed pedagogical practice in the schools where they work.

Students of specialty 5b060700-Biology from 16.09.2019 to 09.12.2019 passed pedagogical practice in the basic schools of Almaty: gymnasium No. 62 (methodologist: senior teacher, master Kamieva G. S., teacher: candidate of Pedagogical Sciences, Associate Professor Kiyasova B. A.), General Education School No. 58 (methodologist: senior teacher, master Kamieva G. S., teacher: candidate of Pedagogical Sciences, Associate Professor KIYASOVA B. A.), Secondary School No. 143 methodologist: senior teacher birtalaev E. K., teacher: candidate of Pedagogical Sciences, Associate Professor kiyasova B. A.), secondary school No. 19 (methodologist: senior teacher, master jamilova S. M., teacher: candidate of Pedagogical Sciences, associate professor kiyasova B. A.). From 13.01.2020 to 26.04.2020, she completed a production practice at the Institute of human and animal physiology of Almaty.

At the meetings of the Department (2019-2020 Protocol No. 1, 01.09.2019, Protocol No. 4, 27.02.2020, Protocol No. 7, 30.03.2020), students of the 3rd and 4th courses of specialties "5b011300-Biology", "5b060700-Biology" were considered.

In the course of pedagogical practice, students deepened the theoretical knowledge gained within the walls of the University. He got acquainted with the work of his teacher and acquired his first skills. The student-practitioner studied the methodological foundations of the teaching discipline, guided by didactic principles in achieving the goal, learned to accurately select teaching methods, didactic materials and visual aids in the discipline, learned to conduct a scientific and methodological analysis of the lessons of biology and other students. During the practice, subject teachers provided educational and methodological assistance to students.

In the test classes, students-interns conducted classes on national traditions, interdisciplinary communication, the use of technical means of teaching, presentations using an interactive whiteboard, conducted a combined lesson in the lesson, laboratory, game lesson, competition lesson, ICT, final lesson, differentiated training, the method of "identification", "hot chair", critical thinking, etc. he used Technologies, paid great attention to the execution of exercises and tasks during the lesson, prepared crosswords and crosswords, test tasks for each

row of crosswords, tried to use visual effects abundantly and effectively. He participated in practical work, Control work, thematic tests, problem solving of Applied tasks, in the implementation of UNT tasks by students of grades 11, in additional explanatory work for students with low academic performance in Grades 7, 8, 9, 10. with the updated content of the program, we learned SMR, SMR, and NMS. In the process of organizing laboratory work, the development and formation of theory through practice, the development and formation of thinking, research and communication skills, passion for knowledge, the development of scientific understanding, experimental activity, and the expansion of the field of thinking about the environment were carried out. Work was carried out on the following main types of independent work; performing exercises, research and practice, control, laboratory work, working with a blackboard, additional literature, the use of Information Technologies.

At the same time, during the internship, students made extensive use of the possibilities of an interactive whiteboard, conducted public works online, in particular, each student visited the Bilim lend website every day and got acquainted with the information.

During the internship, students also performed extracurricular activities and moderator services.

At the final conference of pedagogical practice organized at the department, students of the 3rd year (10.02.2020), 4th year (21.04.2020) reported on the work done during the internship.