**Federal State Budgetary Educational Institution of Higher Education «Ufa University of Science and Technology»**

Faculty of Biology

Curriculum for the specialty "Biology" (subject, number of hours) for the implementation of the exchange program with Nanchang University

(People's Republic of China, Nanchang):

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| **№п/п** | **Name of the discipline** | **Number of credit units** | **Total Hours** |
| 1 | Клеточные технологии растений (Cellular Тechnologies of Plants) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 2 | Технологии биотестирования (Biotesting Technology) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 3 | Генная инженерия (Genetic Engineering) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 4 | Биоинформатика (Bioinformatics) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing- 18 hours; management of research practice for foreign students - 18 hours) |
| 5 | Энзимология (Fermentation Engineering and Equipment Enzymology) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 6 | Биотехнология (Biotechnology) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 7 | Физиология растений (Plant Physiology) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing- 18 hours; management of research practice for foreign students - 18 hours) |
| 8 | Медицинская биохимия (Medical Biochemistry) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 9 | Медицинская генетика (Medical Genetics) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 10 | Молекулярная генетика (Molecular  Genetics) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 11 | Психофизиология (Psychophysiology) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 12 | Физиология человека и животных  (Human  and Animal Physiology) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 13 | Физиология нервной системы  (Neurophysiology) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 14 | Биология развития (Developmental  Biology) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
| 15 | Клеточная биология (Cell Biology) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing- 18 hours; management of research practice for foreign students - 18 hours) |
| 16 | Зоология (Zoology) | 2 | lectures - 18 hours;  laboratory - 18 hours; intermediate, final testing - 18 hours; management of research practice for foreign students - 18 hours) |
|  | **Total:** | **32** | **1152 hours** |

Dean of the faculty S.A. Bashkatov