47171Advanced Chemistry Laboratory5.040657Algae and Fungi4.036174Analytical Chemistry5.045076Animal Phylogeny and Systematics3.074630Applied Botany5.063737Bacteria, Viruses and Subviral Pathogens4.040824Basic Laboratory in Analytical Chemistry4.040840Basic Laboratory in Physical Chemistry3.040859Biochemistry Laboratory7.040860Biochemistry Laboratory2.063551Biogeography5.044405Bioinformatics5.08342Bird Ecology in Biology Teaching4.047040Didactics - Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074184Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.047040Field Course in Biodiversity of Invertebrates and Protists2.047174Field Course in Systematic Botany and Vertebrates2.047174Field Course in Systematic Botany and Vertebrates2.047174Field Course in Systematic Biology4.047174Field Course in Systematic Botany and Vertebrates2.047174Field Course in Systematic Botany and Vertebrates2.047174Field Course in Systematic Botany and Vertebrates2.047174Field Course in Systematic Botany and Vertebrates2.04717	Code	Course	ECTS
36174Analytical Chemistry5.045076Animal Phylogeny and Systematics3.074630Applied Botany5.063737Bacteria, Viruses and Subviral Pathogens4.040824Basic Laboratory in Analytical Chemistry4.040840Basic Laboratory in Physical Chemistry3.040859Biochemistry7.040860Biochemistry Laboratory2.063551Biogeography5.044405Bioinformatics5.083842Bird Ecology in Biology Teaching4.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.07434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.047174Field Course in Systematic Botany and Vertebrates2.047174Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Molecular Biology4.037582Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	47171	Advanced Chemistry Laboratory	5.0
45076Animal Phylogeny and Systematics3.074630Applied Botany5.063737Bacteria, Viruses and Subviral Pathogens4.040824Basic Laboratory in Analytical Chemistry4.040840Basic Laboratory in Physical Chemistry3.040859Biochemistry7.040860Biochemistry Laboratory2.063551Biogeography5.044405Bioinformatics5.083842Bird Ecology in Biology Teaching4.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.047044Field Course in Ecology2.047174Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	40657	Algae and Fungi	4.0
74630Applied Botany5.063737Bacteria, Viruses and Subviral Pathogens4.040824Basic Laboratory in Analytical Chemistry4.040840Basic Laboratory in Physical Chemistry3.040859Biochemistry7.040860Biochemistry Laboratory2.063551Biogeography5.044405Bioinformatics5.083842Bird Ecology in Biology Teaching4.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.047044Field Course in Biodiversity of Invertebrates and Protists2.047174Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.063512Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	36174	Analytical Chemistry	5.0
63737Bacteria, Viruses and Subviral Pathogens4.040824Basic Laboratory in Analytical Chemistry4.040840Basic Laboratory in Physical Chemistry3.040859Biochemistry7.040860Biochemistry Laboratory2.063551Biogeography5.044405Bioinformatics5.083842Bird Ecology in Biology Teaching4.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.047044Field Course in Biodiversity of Invertebrates and Protists2.047174Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.047384General Botany6.036148General Botany6.036170General Chemistry8.0	45076	Animal Phylogeny and Systematics	3.0
40824Basic Laboratory in Analytical Chemistry4.040840Basic Laboratory in Physical Chemistry3.040859Biochemistry7.040860Biochemistry Laboratory2.063551Biogeography5.044405Bioinformatics5.083842Bird Ecology in Biology Teaching4.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.040841Field Course in Biodiversity of Invertebrates and Protists2.047174Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Molecular Biology4.036148General Botany6.036148General Botany6.036170General Chemistry8.0	74630	Applied Botany	5.0
40840Basic Laboratory in Physical Chemistry3.040859Biochemistry7.040860Biochemistry Laboratory2.063551Biogeography5.044405Bioinformatics5.083842Bird Ecology in Biology Teaching4.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.040841Field Course in Ecology2.047174Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Molecular Biology4.036148General Botany6.036170General Chemistry8.0	63737	Bacteria, Viruses and Subviral Pathogens	4.0
40859Biochemistry7.040860Biochemistry Laboratory2.063551Biogeography5.044405Bioinformatics5.083842Bird Ecology in Biology Teaching4.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.047044Field Course in Ecology2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.036148General Botany6.036170General Chemistry8.0	40824	Basic Laboratory in Analytical Chemistry	4.0
40860Biochemistry Laboratory2.063551Biogeography5.044405Bioinformatics5.083842Bird Ecology in Biology Teaching4.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.047044Field Course in Biodiversity of Invertebrates and Protists2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.036148General Botany6.036170General Chemistry8.0	40840	Basic Laboratory in Physical Chemistry	3.0
63551Biogeography5.044405Bioinformatics5.083842Bird Ecology in Biology Teaching4.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.047044Field Course in Biodiversity of Invertebrates and Protists2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.036148General Botany6.036170General Chemistry8.0	40859	Biochemistry	7.0
44405Bioinformatics5.083842Bird Ecology in Biology Teaching4.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.040841Field Course in Biodiversity of Invertebrates and Protists2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	40860	Biochemistry Laboratory	2.0
83842Bird Ecology in Biology Teaching4.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.040841Field Course in Biodiversity of Invertebrates and Protists2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.036148General Botany3.036170General Chemistry6.0	63551	Biogeography	5.0
36147Cell Biology7.036147Cell Biology7.063749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.040841Field Course in Biodiversity of Invertebrates and Protists2.047044Field Course in Ecology2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Molecular Biology4.037582Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	44405	Bioinformatics	5.0
63749Communication in Teaching4.047040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.040841Field Course in Biodiversity of Invertebrates and Protists2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	83842	Bird Ecology in Biology Teaching	4.0
47040Didactics - Teaching4.047172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.040841Field Course in Biodiversity of Invertebrates and Protists2.047174Field Course in Ecology2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	36147	Cell Biology	7.0
47172Ecology and Ecology Education8.074434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.040841Field Course in Biodiversity of Invertebrates and Protists2.047174Field Course in Ecology2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	63749	Communication in Teaching	4.0
74434Endocrine Physiology5.040864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.040841Field Course in Biodiversity of Invertebrates and Protists2.047174Field Course in Ecology2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	47040	Didactics - Teaching	4.0
40864Environmental Chemistry3.047165Evolution4.075090Extracullicular Activities in Biology3.040841Field Course in Biodiversity of Invertebrates and Protists2.047174Field Course in Ecology2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	47172	Ecology and Ecology Education	8.0
47165Evolution4.075090Extracullicular Activities in Biology3.040841Field Course in Biodiversity of Invertebrates and Protists2.047174Field Course in Ecology2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	74434	Endocrine Physiology	5.0
75090Extracullicular Activities in Biology3.040841Field Course in Biodiversity of Invertebrates and Protists2.047174Field Course in Ecology2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Molecular Biology4.046889Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	40864	Environmental Chemistry	3.0
40841Field Course in Biodiversity of Invertebrates and Protists2.047174Field Course in Ecology2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Molecular Biology4.046889Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	47165	Evolution	4.0
47174Field Course in Ecology2.047044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Molecular Biology4.046889Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	75090	Extracullicular Activities in Biology	3.0
47044Field Course in Systematic Botany and Vertebrates2.047318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Molecular Biology4.046889Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	40841	Field Course in Biodiversity of Invertebrates and Protists	2.0
47318First Aid4.063512Fundamentals of Histology and Embryology4.037582Fundamentals of Molecular Biology4.046889Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	47174	Field Course in Ecology	2.0
63512Fundamentals of Histology and Embryology4.037582Fundamentals of Molecular Biology4.046889Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	47044	Field Course in Systematic Botany and Vertebrates	2.0
37582Fundamentals of Molecular Biology4.046889Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	47318	First Aid	4.0
46889Fundamentals of Protection of Nature and Environment3.036148General Botany6.036170General Chemistry8.0	63512	Fundamentals of Histology and Embryology	4.0
36148General Botany6.036170General Chemistry8.0	37582	Fundamentals of Molecular Biology	4.0
36170 General Chemistry 8.0	46889	Fundamentals of Protection of Nature and Environment	3.0
	36148	General Botany	6.0
36172General Chemistry Laboratory 14.0	36170	General Chemistry	8.0
	36172	General Chemistry Laboratory 1	4.0

Integrated undergraduate and graduate university study programme: Educational Biology and Chemistry

36175	General Chemistry Laboratory 2	4.0
36141	General Zoology	6.0
40837	Genetics	4.0
40863	History and Philosophy of Chemistry	3.0
40819	Human Anatomy	3.0
47051	Human Physiology	5.0
63774	Immunology	4.0
40823	Inorganic Chemistry	6.0
46843	Inorganic Chemistry Laboratory	2.0
46837	Invertebrates	6.0
63557	Laboratory Teaching Methods in Chemistry	8.0
46892	Malacology	4.0
46835	Mammalogy	3.0
47312	Marine Biology	4.0
63559	Master's Thesis with Seminar	30.0
36177	Mathematics 1	4.0
37583	Mathematics 2	4.0
47306	Methodics of Working with Special Needs Students	4.0
72222	Micology	3.0
40826	Microbiology	4.0
40865	Mineralogy 1	3.0
40931	National Parks	5.0
46841	Organic Chemistry 1	6.0
40858	Organic Chemistry 2	5.0
46842	Organic Chemistry Laboratory	2.0
46891	Palynology	4.0
47036	Pedagogy - Theory and Practice of Education	4.0
40821	Physical Chemistry 1	6.0
46838	Physical Chemistry 2	7.0
47170	Physical Education	3.0
38079	Physical Education and Health Culture 1	0.0
38080	Physical Education and Health Culture 2	0.0
40849	Physical Education and Health Culture 3	0.0
40850	Physical Education and Health Culture 4	0.0

36179	Physics 1	4.0
37584	Physics 2	4.0
44411	Plant Bioactive Compounds	6.0
45072	Plant Nomenclature and Classification	5.0
47167	Plant Physiology	5.0
47032	Psychology of Learning and Teaching	4.0
47320	Rhetorics and Culture of Speech of Teachers	4.0
47309	School Vivarium	4.0
47305	Sociology of Sexuality	4.0
47321	Spoken and Written Expression of Teachers	4.0
40855	Statistics	4.0
47308	Sustainable Development in Teaching Natural Sciences	4.0
46839	Systematic Botany	5.0
75101	Teaching Biology Outside the Classroom	3.0
47168	Teaching Methods in Biology	8.0
47173	Teaching Methods in Chemistry 1	5.0
63556	Teaching Methods in Chemistry 2	5.0
63555	Teaching Practice in Biology	5.0
63560	Teaching Practice in Chemistry	5.0
47314	Tumor Biology	4.0
46836	Vascular Plant Morphology	3.0
46840	Vertebrates	6.0