

3-semestr (15 hafta) / 3rd semester (15 weeks)															4-semestr (15 hafta) / 4th semester (15 weeks)														
1.00.		1.01.		1.02.		1.03.		1.04.		1.05.		1.06.		1.07.		1.08.		1.09.		1.10.		1.11.		1.12.		1.13.			
Majburiy fanlar / Compulsory subjects		Zoologiya / Zoology		Mikrobiologiya va virusologiya / Microbiology and virology		Biokimyo va molekulyar biologiya / Biochemistry and molecular biology		Genetika va genomika asoslari / Fundamentals of genetics and genomics		Odam va hayvonlar fiziologiyasi / Physiology of humans and animals		Ta'limda baholash / Assessment in education		Semestr bo'yicha jami / Total for the semester		Majburiy fanlar / Compulsory subjects		Zoologiya / Zoology		Mikrobiologiya va virusologiya / Microbiology and virology		Biokimyo va molekulyar biologiya / Biochemistry and molecular biology		Genetika va genomika asoslari / Fundamentals of genetics and genomics		Tanlov fanlar / Elective subjects			
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2.03.	Par2704	Parazitologiya / Parasitology	120	60	30	30	60	4	4	2.06.	UnitE2804	Umurtqasizlar embriologiyasi / Embryology of Invertebrates	120	60	30	30	60	4	4
3.00.		Malakaviy amaliyot / Qualification practice	360					6	12	3.00.	Malakaviy amaliyot / Qualification practice	420						8	14
								24	30	4.00.	BMI (Yakuniy davlat attestatsiyasi) / SFA (State final attestation)	240						8	
		Semestr bo'yicha jami / Total for the semester	900	360				24	30				900	360				24	30
													1800	720				1080	48
													7200	2885				4315	192
													UNUMIY JAMI / TOTAL					240	

No	Yushama taqsimoti / Load distribution	Sot / Hour	Kredit / Credit
1.	Majburiy fanlar / Compulsory subjects	4680	156
2.	Tanlov fanlar / Elective subjects	960	32
3.	Malakaviy amaliyot / Qualification practice	1320	44
4.	BMI (Yakuniy davlat attestatsiyasi) / State final attestation (SFA)	240	8
	JAMI / TOTAL	7 200	240

- Nazariy ta'lim va amaliyotni yaxshiligi ta'minlash maqsadida 5-8 semestrlarda o'quv jarayoni 4+2 tartibida (ta'limning to'rt kuni oliy ta'lim muassasida auditoriya mashg'ulotlari tarzida hamda qolgan ikki kuni maktabda malakaviy amaliyot sifatida) ushlab olinadi. / In order to ensure the integration of theoretical education and practical training, during the 5th-8th semesters, the educational process is organized in a "4+2" mode: four days per week are devoted to classroom activities at the higher education institution, and two days to qualification practice at schools.
- 5-8 semestrdagi mutaxassislik fanlarining allubusalarida mustaqil ta'lim mazmunini joriy semestrdagi amaliyot dasturi mazmuniga mos kelishi va bir birini to'ldirishi, talabning amaliyoti mustaqil ta'lim tashkiloti tomonidan bajarish uchun asos sifatida xizmat qilishi nazarda tutilishi kerak. / The syllabi of the specialty courses in the 5th-8th semesters should ensure that the content of independent study corresponds to and complements the content of the respective semester's internship program. The internship shall serve as the basis for fulfilling independent study tasks.
- 1-3 kurs talabalarining yozgi ta'vil davrida avvalgi semestrlarda o'zlashtirilgan fanlari uchun yozgi semester tashkil qilinishi mumkin. Bunda yozgi ta'limning birinchi haftasi ro'yatga olish haftaligi, keyingi to'rt hafta yozgi semester hushidan akademik davr hisoblanadi. / During the summer vacation period, a summer semester may be organized for 1st-3rd year students to rethink or complete subjects not mastered in previous semesters. The first week of the summer break shall be designated as the registration week, and the subsequent four weeks shall constitute the academic period of the summer semester.
- O'quv rejaiga ixtisoslikka oid tanlov fanlari kodlar buyurtmachilarning talablari hamda xalqaro reyting bo'yicha dunyoning TOP-300 talabaga kigan OTMlar ta'lim dasturlari asosida kiritildi. / The elective courses in the curriculum, related to the field of study, have been developed in accordance with the requirements of employers and the educational programs of universities ranked among the world's TOP-300 according to international rankings.
- "Biologiya o'qitish metodikasi" fani turkibiga "Xalqaro baholash asoslari" (xalqaro baholash dasturlari: PISA, TIMSS, PIRLS, TALIS bo'yicha kasbiy ko'nikmalarni shakllantirishini nazarda tutuvchi) moduli kiritilishi nazarda tutiladi. / It is envisaged that the subject "Methods of Teaching Biology" will include the module "Fundamentals of International Assessment," which is aimed at developing professional competencies related to international assessment programs such as PISA, TIMSS, PIRLS, and TALIS.
- Bitiruv malakaviy ihti turkibiga uni himoya qilish bo'yicha Davlat attestatsiyalari ham kiradi. BMI himoya qiluvchidan talabalar 8 semestrdagi 8 kreditga teng tanlov fanlarini o'zlashtirishi lozim. / The State Final Attestation includes the defense of the graduation qualification paper. Students who opt not to defend a graduation paper must complete elective courses totaling 8 credits in the 8th semester.
- Oliy ta'lim muassasasi ixtisoslik fanlarining dasturlarini ishlab chiqishda kadrlar buyurtmachilarning talablarini hamda xalqaro reyting bo'yicha dunyoning TOP-300 talabaga kigan OTMlar fan dasturlarini e'tiborga oladi. / The higher educational institution takes into account the requirements of personnel customers when developing specialized subject programs, as well as the subject programs of universities that are in the TOP-300 of the world in the international ranking.
- Kurs ishlati uchun talabaga mustaqil ta'lim soatlaridan 30 (o'rtiz) akademik soatni ajratgan holda 1 (bir) kredit beriladi. / For coursework, the student is given 1 (one) credit with the allocation of 30 (thirty) academic hours from the composition of independent study hours.
- O'zbek (rus) tili fani turkibiga Davlat tilda ish yuritish moduli ham kiritiladi. / The Uzbek (Russian) language subject will also include the State Language Office Module.

O'quv jarayonining tarqilish qismlari / Components of the educational process	Haftalar soni / Number of weeks	Semestr / Semester	Davlat attestatsiyasi / State certification
Nazariy va amaliy ta'lim / Theoretical and practical training	60	1 - 4	
4 kun nazariy va amaliy ta'lim / 2 kun malakaviy amaliyot / 4 day theoretical and practical training / 2 day qualification practice	60	5 - 8	
Malakaviy amaliyot / Qualification practice	3	2, 4	Bitiruv malakaviy ihtini himoya qilish yoki ta'lim yo'nalishi bo'yicha fanlararo (umumkasbiy va ixtisoslik) yakuniy davlat attestatsiyasi / Final state interdisciplinary (general professional and specialized) certification for the defense of a graduation qualification work or educational direction
Attestatsiyalar / Attestations	27	1 - 8	
Davlat attestatsiyasi / State certification	4	8	
Ta'vil / Vacation	41	1 - 8	
Kredit ta'lim tizimiga kirish / Introduction to credit education	9	1, 2, 3, 4, 5, 6, 7	
Jami / Total	204		

O'quv ishlati bo'yicha prorektor / Vice-Rector for Academic Affairs

O. Bazarov / O. Bazarov

O'quv-uslubiy boshqaruv boshlig'i / Head of the Educational and Methodological Department

B. Barathbayev / B. Barathbayev

Fakultet dekani / Faculty dean

V. Xo'jayev / V. Khodzhaev

Kafedra mudiri / Head of Department

M. Madumarov / M. Madumarov

Mazkur o'quv reja Qo'qon davlat universiteti Kengashining 2025-yil 29.08.08. dagi 1 -sonli qarori bilan ma'qullangan. / This curriculum was approved by the decision of the Council of Kokand State University dated 29.08.2025, No. 1.