

**MINISTRY OF AGRICULTURE OF THE REPUBLIC OF KAZAKHSTAN
"NJSC "S. SEIFULLIN KAZAKH AGROTECHNICAL UNIVERSITY"**

Approve
NJSC "Saken Seifullin Kazakh
Deputy Chairman of the Management
Board Academic Activity-Rector
_____ A.M Abdyrov.
« _____ » _____ 2021.

CATALOG OF ELECTIVE COURSES

For students in groups of educational programs

Forestry

Nur-Sultan, 2021

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Brief description of elective disciplines of the educational program

Foreign language (additional)

1	Name of course	Zoogeography
2	Code of course	Zoo 3222
3	Cycle of course	BD
4	Amount of credits	3
5	Level of preparation	Undergraduate studies
6	Department	Hunting and Fisheries Management
7	Year	3
8	Prerequisites	zoology, morphology of animals, biology of animals and birds, ethology of animals and birds
9	Postrequisites	biotechnologies and protection of natural bioresources, accounting of animals and birds, techniques for hunting animals and birds
10	Course summary	Section of biogeography, the science that studies the distribution of animals on the planet Earth. It establishes general patterns and conditions for the distribution of animals. The main objects of zoogeography are faunas and habitats. It examines the distribution of species and other taxa around the globe, studies the distribution of faunal complexes, as well as the processes of settlement and extinction of animals, that is, the processes of expansion and reduction of their ranges. Influence of biotic and abiotic and anthropogenic factors on the animal world
11	Learning outcomes	student will know the features of the spread of animals on the planet, the signs and adaptations of organisms to the habitat, the areas and kingdoms of the spread of animals

