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Kazakh Agrotechnical Research University named after S.Seifullin
Dean of the Faculty of Forestry, Wildlife and Environment

Boranbay Zh.T.

12/12/2023

CATALOG OF ELECTIVE DISCIPLINES

For students in the field of study M133 «Forestry»

Brief description of elective disciplines of the educational program 7M08304 - «Rational use of Natural Bioresources»

GOP	OP	Form of study	Name of discipline	Discipline code	Cycle of discipline	Component	Amount of credits	Level of training	Department	Well	Academic period	Prerequisites	Post-requisites	Summary of the discipline	Learning outcomes	Name of alternative discipline
M133 - «Forestry»	7M08304 - «Rational use of Natural Bioresources»	Full-time (MS 2 years)	Breeding of ornamental animals	RDZh 5202	BS	ES	5	Master	Hunting and Fisheries	1	2	For breeding	Problems of rational use of animals	The discipline studies the breeding and maintenance of ornamental animals and birds using various methods (cage, cellular, other), their rational and balanced feeding, conducting modern breeding and breeding works, prevention of ornamental animal diseases.	ON 2 - To use at the professional level knowledge about the origin of the breeds of ornamental animals, feeding methods, breeding work.	English for Academic Purposes
M133 - «Forestry»	7M08304 - «Rational use of Natural Bioresources»	Full-time (MS 2 years)	English for Academic Purposes	AYaDAC 5202	BS	ES	5	Master	Foreign language	1	2	Foreign language (professiona	Master's thesis	Complex theoretical-linguistic, practical and informational-analytical training to perform functions related to the use of a foreign language in professional and scientific activities: possession of public speech skills, discussion, ability to work with information from various sources, to edit texts of professionally relevant content in a foreign language. Complex theoretical-linguistic, practical and informational-analytical training to perform functions related to the use of a foreign language in professional and scientific activities: possession of public speech skills, discussion, ability to work with information.	ON 2 - Apply methods of searching scientific and professional information in a foreign language using network technologies. To enhance both written and oral communication on professional and scientific topics, to produce independent foreign language texts on professional topics of academic orientation.	Breeding of ornamental animals
M133 - «Forestry»	7M08304 - «Rational use of Natural Bioresources»	Full-time (MS 2 years)	Assessment of Hunting Resources	OOR 5201	BS	ES	5	Master	Hunting and Fisheries	1	2	Accounting of animals and birds	Master student's research work, including implementation of master's thesis	The discipline studies the principles of classification of hunting grounds, the basic taxonomic units of hunting grounds, the rules of their allocation, characterization of hunting grounds as habitat of hunting animals and as a place of hunting activity of man, Classification of feeds by origin and methods of inventory and protection of the hunting stock.	ON 3 - Apply in practice methods of accounting of hunting species, methods of extraction of animals, management of hunting resources.	Methods v
M133 - «Forestry»	7M08304 - «Rational use of Natural Bioresources»	Full-time (MS 2 years)	Methods of commercial and rare endangered species	MVPRIV Zh 5201	BS	ES	5	Master	Hunting and Fisheries	1	2	Bioengineering and game breeding	Management and restoration of populations of game animals	Discipline studies the rational use of hunting grounds for the purpose of reproduction of commercial animals, rare endangered animals and birds, the development of modern methods of implementation and introduction of biotechnical measures to increase and preserve and reproduce wild animals	ON 3 - Ways to increase the number of animals, as well as methods of their reproduction, keeping and breeding wild animals and birds in artificial housing	Assessment of Hunting Resources

M133 - «Forestry»	7M08304 - «Rational use of Natural Bioresources»	Full-time (MS 2 years)	Ecology and rational prirodopolzvanic	ERP 6208	BS	ES	5	Master	Ecology	2	3	Ecology and life safety	Master's thesis	<p>The discipline is aimed at studying the potential of nature reserves, national nature parks, reserves and other specially protected natural areas for the purpose of developing ecological - «green» tourism, which means protection, Conservation and restoration of biodiversity and ecosystems when visiting natural territories.</p> <p>The discipline studies the theoretical bases of ecology and rational natural resources management, ways of solving ecological problems and possibilities of their prevention, legal bases of rational natural resources management and nature protection, interaction of organisms in ecosystems</p>	<p>ON 4 - To form scientific theoretical and practical skills necessary for work in hunting nature reserves, national nature parks, reserves and other branches of environmental management.</p> <p>ON 4 - Substantiate the scientific potential of nature reserves, national natural parks, reserves and other specially protected natural territories, ecological bases of natural resource management, natural resources. Monitor and account for hunting resources and land natural resources. Conduct monitoring and accounting of hunting resources and grounds.</p>	Ecological tourism in hunting grounds
M133 - «Forestry»	7M08304 - «Rational use of Natural Bioresources»	Full-time (MS 2 years)	Ecological tourism in hunting grounds	ETOU 6208	BS	ES	5	Master	Ecology	2	3	Monitoring and production of game animals and birds in the Republic of Kazakhstan	Master's thesis	<p>The discipline is aimed at studying the potential of nature reserves, national nature parks, reserves and other specially protected natural areas for the purpose of developing ecological - «green» tourism, which means protection, Conservation and restoration of biodiversity and ecosystems when visiting natural territories.</p> <p>The discipline studies the theoretical bases of ecology and rational natural resources management, ways of solving ecological problems and possibilities of their prevention, legal bases of rational natural resources management and nature protection, interaction of organisms in ecosystems</p> <p>ON 4 - Substantiate the scientific potential of nature reserves, national natural parks, reserves and other specially protected natural territories, ecological bases of natural resource management, natural resources. Monitor and account for hunting resources and land natural resources. Conduct monitoring and accounting of hunting resources and grounds.</p>	Ecology and rational prirodopolzvanic	

The catalog of elective disciplines was approved by the protocol of the council of the faculty of FFWE

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