



Confirm  
Dean of Forestry,  
Wildlife and Environment Faculty  
D.N. Sarsokova  
2022

**CATALOG OF ELECTIVE DISCIPLINES**  
For students in the direction of preparation 8D083 Forestry  
Brief description of the elective disciplines of the educational program

EPG	EP	Form of education	The name of discipline	Code of subject	Discipline cycle	Component	Number of credits	Level of training	Cafedra	Course	Academic period	Pre-requisites	Post-requisites	Brief content of the discipline	Key learning outcomes	Name of the alternative discipline
D133 - «Forestry»	8D08301 - «Sustainable forest management»	Full-time (PhD 3 years) trimestr	Private forestry	ChL 7300	AS	Elective subjects	5.0	Doctoral studies by specialization (scientific & pedagogical direction)	Forest resources and forestry	1	1	Forest cultures, Forest economy, Forestry, Forest management	The knowledge gained in the study of the discipline will be used in conducting research and preparing theoretical and practical knowledge for a doctoral dissertation.	The discipline studies the basic principles and directions, the state of development of private forestry in Kazakhstan and the problems of legal support and development of private forestry, as well as features and differences in the organization of forestry and private business in the forest sector of individual countries	To know the systemic properties of natural objects, the problematic issues of modern forestry, forestry, forest pyrology, forest management, be able to use cognitive methods in the practice of scientific research in the forest, have practical skills in working with methods of scientific research, and identify structural and functional relationships in forest ecosystems; The ability to compare, formulate, analyze conclusions, build your own argumentation, judgment and inference	Forestry business
D133 - «Forestry»	8D08301 - «Sustainable forest management»	Full-time (PhD 3 years) trimestr	Modern Problems of Forest sciences	SPL 7300	AS	Elective subjects	5.0	Doctoral studies by specialization (scientific & pedagogical direction)	Forest resources and forestry	1	1	Forestry, Dendrology	The knowledge gained during the study of the discipline will be used for research and training of doctoral students	The discipline studies the features of forest communities, their diversity and distribution, consider a set of measures for the renewal and protection of forests and the problematic issues of modern forestry, forestry, forest pyrology, forest management, including non-timber forest products, and a number of other forestry disciplines.	To know the provisions of the Forest Code on private forestry and its application; economic and legal conditions for the development of private forestry in Kazakhstan, the scientific basis for the organization of private forestry, the theory of growing plantation forests, the system of care and felling; basic agricultural activities based on systemic irrigation. Be able to formulate a scientific approach to the organization of private forestry to obtain additional wood raw materials in a short time for numerous tasks of economic use	Landscape forest reclamation

The catalog of elective disciplines was approved by the Council protocol of the Faculty of Forestry, Wildlife and Environment 26.07.2022

Head of the Department  Z.H.T. Boranbay