

**S.Seifullin Kazakh Agro
Technical University**



**КАЗАХСКИЙ АГРОТЕХНИЧЕСКИЙ
УНИВЕРСИТЕТ ИМ. С. СЕЙФУЛЛИНА**

CATALOG OF ELECTIVE COURSES

for doctoral students of

6D080700 – “Forest resources and forestry” specialty

Astana, 2014

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LIST OF BASIC AND SPECIALIZED COURSES
for doctoral students
of 6D080700 – “Forest resources and forestry” specialty

№	Name of discipline	Number of credits	Page
1	2	3	4
MODULE BY CHOICE – 15 credits			
1	Module 2. Economics of forest resources		5
	Economics valuation of forest resources	3	5
2	Module 3. Private forestry		6
	Private forestry	3	6
	Ornamental forest nurseries	3	7
3	Module 4. Modern Problems of Forestry		7
	Modern Problems of Forestry	3	7
4	Module 5. Sustainable forest management		8
	Sustainable forest management	3	8
	Organization of agricultural production	3	9
	Management and planning of forestry development and Protected Areas	3	10
1	2	3	4
COMPULSORY MODULE ON SPECIALIZATION - 18 credits			
6	Module 6. Ecology of woody plants	3	12
	Ecology of woody plants	3	13
	Forest phytosociology	3	14
	Assessment of forest plant resources	2	15
	Reproduction of forest resources	3	16
	Rational use forest resources	3	17
	Organization of forest inventory	3	18
	Forest seed on the basis of genetic and breeding	3	19
	Forest breeding	3	19
	Forest seed		20
7	Module 7. Reconstruction of afforestation	3	20
	Reconstruction of afforestation	3	21
	Design landscaping localities	3	22
	Organization of production greenhouses	3	23
	Forest melioration landscape	3	24
	Landscape science	3	25
	Hydraulic Reclamation of forest land	3	26
	Innovation methods of forest cultivation	3	27
	Biotechnology in forestation	3	28
	Clonal micro propagation of woody plants	3	12