



## Study plan of “Sustainable forestry” study program

(full time study program)

Nr.	Code	Course title	Volume, credit points	Volume, ECTS	Evaluation form	1. year		2. year		3. year	
						1. sem.	2. sem.	3. sem.	4. sem.	5. sem.	6. sem.
	<b>A – Cmpulsory courses</b>		<b>78</b>	<b>117</b>							
1	Valo3028	Latvian Language	4	6	E	4					
2	MežZ3085	Function and Production of Forests: Introduction	3	4.5	Ia	3					
3	MežZ4106	Research Methodology and Biometrics I	2	3	Ia					2	
4	MežZ4107	Research Methodology and Biometrics II	2	3	Ia						2
5	VidZ3006	Ecology and Environmental Protection	2	3	Ia						2
6	Citi4016	Labour and Civil Protection	2	3	Ia					2	
7	Ekon3127	Business Economics	4	6	E		4				
8	MežZ4098	Forest product market	3	4.5	Ia			3			
9	Fizi3007	Applied physics and chemistry I	2	3	Ia	2					
10	Ķīmi3020	Applied physics and chemistry II	2	3	Ia		2				
11	MežZ3083	Forest Policy and Economics I	3	4.5	Ia	3					
12	MežZ3084	Forest Policy and Economics II	3	4.5	Ia			3			
13	MežZ4099	Forest Resources Economics and Geoinformatics	4	6	E				4		
14	Lauk3001	Soils and Forest Productivity	4	6	E	4					
15	Biol3017	Plant Physiology	2	3	E	2					
16	MežZ3086	Forest Regeneration and Afforestation	4	6	E		4				
17	MežZ4103	Silviculture I	4	6	E			4			
18	MežZ4102	Silviculture II	4	6	E				4		
19	MežZ4093	Multifunctional Forest Management Planning I	2	3	Ia				2		
20	MežZ4095	Multifunctional Forest Management Planning II	4	6	E					4	
21	MežZ4094	Forest Ecology	2	3	I			4			
22	MatZ4018	Wood Science and Measurement Technology	2	3	I				4		
23	MežZ4100	Bachelor Thesis I	4	6	I					4	
24	MežZ4101	Bachelor Thesis II	6	9	Ia						6
	<b>B – Restricted elective courses</b>		<b>38</b>	<b>57</b>							
25	LauZ4281	Entomology and Plant Pathology I	2	3	I			2			
26	LauZ4282	Entomology and Plant Pathology II	2	3	Ia				2		
27	MežZ4104	Risk Management in Forestry I	2	3	I					2	
28	MežZ4105	Risk Management in Forestry II	2	3	E						2

Nr.	Code	Course title	Volume, credit points	Volume, ECTS	Evaluation form	1. year		2. year		3. year	
						1. sem.	2. sem.	3. sem.	4. sem.	5. sem.	6. sem.
29	InfT3036	Introduction of GIS and Forest Mapping I	2	3	Ia	2					
30	InfT3037	Introduction of GIS and Forest Mapping I	2	3	Ia		2				
31	MežZ4092	Forest Management Technology and Technique	4	6	E					4	
32	MatZ4025	Industrial Technology (woodworking)	4	6	E		4				
33	MatZ3069	Practical Training in Wood Processing and New Technology	4	6	E			4			
34	MatZ4023	Hydrothermal Processing of Wood and Finishing of Wood	4	6	E				4		
35	MatZ4024	Design Basics of Wooden Article and Modelling of Wood Processing	2	3	Ia					2	
36	MatZ4022	Entrepreneurship in Timber Industry [course work]	2	3	KP						2
37	MatZ3070	Industrial Technology (further processing)	4	6	E		4				
38	MatZ4021	Wood Processing with CNC	2	3	Ia						2
39	Biol3019	Botany and Dendrology	2	3	Ia					2	
40	MežZ4097	Wood Material Transport (logistics)	2	3	Ia						2
41	MežZ4096	Non-Wood Forest Values	2	3	Ia						2
	<i>C – Elective courses</i>		<b>4</b>	<b>6</b>							
											4
			<b>120</b>	<b>180</b>		<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>

**Evolution form:**

I – Theoretical test (successful / unsuccessful), IA – Theoretical test with Mark-up, E – Exam, KD – Course Work, CP – Course Project.