SEMESTER I

MANDATORY COURSES FOR WINTER SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
KM111	Plant Morphology – Plant Physiology	2		1	6	SAMARAS
KM121	Ecology of Terrestrial Ecosystems	2	1		5	VRACHNAKIS
KM131	Introduction to Computing	2		1	5	KARAGEORGOS
KM141	Free-hand Drawing	1		2	5	KECHAGIAS
KM151	Wildlife Biology	2		1	6	BIRTSAS
KM161	English I	3			3	VRACHNAKIS
TOTAL ECTS					**30**	

T=Theory, E=Exercises (compulsory attendance in 1 group), LAB=Laboratory (compulsory monitoring by grouping)

SEMESTER II

MANDATORY COURSES OF SPRING SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
KM211	Forest Botany	2		1	5	SAMARAS
KM221	Wood structure	2		1	6	MANTANIS
KM231	Statistics and Data Analysis	2		1	5	KARAGEORGOS
KM241	CAD – 2D	2		1	6	KECHAGIAS
KM251	Introduction to Bioeconomy	2	1		5	KARAGKOUNI
KM261	English II	3			3	VRACHNAKIS
TOTAL ECTS					**30**	

T=Theory, E=Exercises (compulsory attendance in 1 group), LAB=Laboratory (compulsory monitoring by grouping)

SEMESTER III

MANDATORY COURSES FOR WINTER SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
KM311	Wood Technology	2	1		5	KARASTERGIOU
KM321	Ecotourism – Forest Recreation	3			5	KAZOGLOU
KM331	CAD – 3D	2		1	5	KECHAGIAS
KM341	Wood Properties	2		1	5	MANTANIS
KM351	Forest Business Management	2	1		5	ASPRIDIS
KM361	Forest Soil Science	2		1	5	KAZOGLOU
TOTAL ECTS					**30**	

T=Theory, E=Exercises (compulsory attendance in 1 group), LAB=Laboratory (compulsory monitoring by grouping)

SEMESTER IV

MANDATORY COURSES OF SPRING SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
KM411	Mechanical Wood Processing	2		1	5	KARASTERGIOU
KM421	Applied Silviculture	2	1		5	IAKOVOGLOU
KM431	Forest Products Harvesting & Biomass Management	3			5	SKARVELIS
KM441	Topography - Geodesy	2		1	5	PAPAGEORGIOU
KM451	Biological Threats to Forest Trees and Wood	3			5	BIRTSAS

CODE						
KM461	Wildlife Management	2	1		5	BIRTSAS
	TOTAL ECTS				**30**	

T=Theory, E=Exercises (compulsory attendance in 1 group), LAB=Laboratory (compulsory monitoring by grouping)

SEMESTER V

MANDATORY COURSES FOR WINTER SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
KM511	Forest Ecosystems Management	2	1		5	KAZOGLOU
KM521	Environmental and Natural Resources Economics	2	1		5	TRIGKAS
KM531	Wood Composites	2	1		5	NTALOS
KM541	Dendrometry	2	1		5	SKARVELIS
KM551	CAD-CAM-CAE	2		1	5	KECHAGIAS
KM561	Hydrology–Management of Water Resources	2	1		5	IAKOVOGLOU
	TOTAL ECTS				**30**	

T=Theory, E=Exercises (compulsory attendance in 1 group), LAB=Laboratory (compulsory monitoring by grouping)

SEMESTER VI

MANDATORY COURSES OF SPRING SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
KM611	Protected Areas Management	2	1		5	KAZOGLOU
KM621	Design of Products and Processes	2	1		5	NINIKAS
KM631	Forest Products Quality Control & Certification	2		1	5	NTALOS
KM641	Rangeland Management	2	1		5	VRACHNAKIS
KM651	Forest Fires	3			4	VRACHNAKIS
KM661	Forest Genetics	2	1		4	SAMARAS
ΠΡ016	Practical Exercise - Internship at University Forest (1 month)				2	TRIGKAS
	TOTAL ECTS				**30**	

T=Theory, E=Exercises (compulsory attendance in 1 group), LAB=Laboratory (compulsory monitoring by grouping)

ORIENTATION: NATURAL ENVIRONMENTAL MANAGEMENT

SEMESTER VII

MANDATORY COURSES FOR WINTER SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
ΔΠΥ711	Mountain Hydronomics	2	1		6	IAKOVOGLOU
ΔΠΥ721	Agroforestry	2	1		6	VRACHNAKIS
ΔΠΥ731	Remote Sensing & Telemetry	2		1	6	KARAGEORGOS
ΔΠΥ741	Climate Change & Forests	3			6	VRACHNAKIS
	Elective Course 1				6	
	TOTAL ECTS				**30**	
Elective courses of the Semester VII *(choice of 1 course from the following 6 or from elective courses of the same semester of the other direction)*						
ΔΠΕ751	Forest Road Construction	2		1	6	PAPAGEORGIOU
ΔΠΕ761	Wetland Ecosystems Management	2	1		6	KAZOGLOU
ΔΠΕ771	Urban – Suburban Green	3			6	IAKOVOGLOU

ΔΠΕ781	Forest Nurseries - Reforestations	3			6	IAKOVOGLOU
ΔΠΕ791	Demography & Natural Resources	3			6	ASPRIDIS
ΔMKE71	Introduction to Entrepreneurship	3			6	-

T=Theory, E=Exercises (compulsory attendance in 1 group), LAB=Laboratory (compulsory monitoring by grouping)

SEMESTER VIII

MANDATORY COURSES OF SPRING SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
ΔΠΥ811	Forest Phytosociology	2	1		5	SAMARAS
ΔΠΥ821	Geographic Information Systems in Natural Environment	2		1	5	KARAGEORGOS
ΔΠΥ831	Forest & Environmental Law	3			5	BIRTSAS
ΔΠΥ841	Forest Economics	2	1		5	TRIGKAS
	Elective Course 2				4	
	Elective Course 3				4	
ΠΡ018	Practical Exercise - Internship at University Forest (1 month)				2	
	TOTAL ECTS				**30**	
Elective Courses of the Semester VIII						
(choice of 2 courses from the following 6 or from elective courses of the same semester of the other direction)						
ΔΠΕ851	Environmental Education	3			4	ASPRIDIS
ΔΠΕ861	Sustainable Development of Mountainous Areas	3			4	TRIGKAS
ΔΠΕ871	Landscape Architecture	2	1		4	IAKOVOGLOU
ΔΠΕ881	Environmental Ethics	3			4	VRACHNAKIS
ΔΠΕ891	Renewable Energy Sources	2	1		4	NINIKAS
ΔMKE81	Development of Business Plans	3			4	-

T=Theory, E=Exercises (compulsory attendance in 1 group), LAB=Laboratory (compulsory monitoring by grouping)

SEMESTER IX

MANDATORY COURSES FOR WINTER SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
ΔΠΥ911	Biodiversity of Forest Ecosystems	2	1		6	SAMARAS
ΔΠΥ921	Forest Policy	3			6	BIRTSAS
ΔΠΥ931	Non-Wood Forest Products	2	1		6	NTALOS
	Elective Course 4				4	
	Elective Course 5				4	
ΠΕ01	Diploma Thesis				4	
	TOTAL ECTS				**30**	
Elective courses of the Semester IX						
(choice of 2 courses from the following 5 or from elective courses of the same semester of the other direction)						
ΔΠΕ941	Ecosystem Restoration	3			4	BIRTSAS
ΔΠΕ951	Adaptive & Participatory Management	3			4	VRACHNAKIS
ΔΠΕ961	Management Plans & Environmental Studies	2	1		4	BIRTSAS
ΔΠΕ971	Game Management	2	1		4	BIRTSAS
ΔΠΕ981	Research Methodology	2	1		4	KARAGKOUNI

T=Theory, E=Exercises (compulsory attendance in 1 group), LAB=Laboratory (compulsory monitoring by grouping)

SEMESTER X

MANDATORY COURSES OF SPRING SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
ΠΕ01	Diploma Thesis				26	TRIGKAS
ΠΡ0110	Practical Exercise - Internship (2 months)				4	
ΣΥΝΟΛΟ ECTS					**30**	

ORIENTATION: WOOD SCIENCES & DESIGN

SEMESTER VII

ΥΠΟΧΡΕΩΤΙΚΑ ΜΑΘΗΜΑΤΑ ΧΕΙΜΕΡΙΝΟΥ ΕΞΑΜΗΝΟΥ

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
ΞΣΥ711	Furniture Manufacturing Technology	2		1	6	SKARVELIS
ΞΣΥ721	Production and Operations Management	2	1		6	KARAGKOUNI
ΞΣΥ731	Furniture Design Software	2		1	6	NINIKAS
ΞΣΥ741	CNC Wood Processing	2		1	6	KECHAGIAS
	Elective course I				6	
ΣΥΝΟΛΟ ECTS					**30**	
Elective courses of the Semester VII						
(choice of 1 course from the following 6 or from elective courses of the same semester of the other direction)						
ΞΣΕ751	Industrial Product Design	2	1		6	KECHAGIAS
ΞΣΕ761	Timber Structures – Protection & Conservation	2		1	6	SKARVELIS
ΞΣΕ771	Furniture Art & Rythmology	3			6	SKARVELIS
ΞΣΕ781	Wood Identification	2	1		6	MANTANIS
ΞΣΕ791	Industry 4.0 in Furniture Sector	2	1		6	KARAGEORGOS
ΔΜΚΕ71	Introduction to Entrepreneurship	3			6	-

T=Theory, **E**=Exercises (compulsory attendance in 1 group), **LAB**=Laboratory (compulsory monitoring by grouping)

SEMESTER VIII

MANDATORY COURSES OF SPRING SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
ΞΣΥ811	Technology of Timber Structures	2		1	5	SKARVELIS
ΞΣΥ821	Digital Manufacturing Systems	2	1		5	KARAGEORGOS
ΞΣΥ831	Wood Product & Services Production Cost Analysis	2	1		5	TRIGKAS
ΞΣΥ841	Chemical Technology of Wood	2	1		5	MANTANIS
	Elective course 2				4	
	Elective course 3				4	
ΠΡ018	Practical Exercise - Internship at University Forest (1 month)				2	
ΣΥΝΟΛΟ ECTS					**30**	
Elective courses of the Semester VIII						
(choice of 2 courses from the following 6 or from elective courses of the same semester of the other direction)						
ΞΣΕ851	Metallic, Polymer & Composite Materials	3			4	MANTANIS

ΞΣΕ861	Industrial Production of Wood and Furniture Products	3			4	KARAGKOUNI
ΞΣΕ871	Wood Packaging Design & Technology	3			4	NTALOS
ΞΣΕ881	Digital Technologies and Intelligent Systems	3			4	KARAGEORGOS
ΞΣΕ891	Timber Structures - Ergonomy and Aesthetics	2	1		4	NTALOS
ΔΜΚΕ81	Development of Business Plans	3			4	-

***T**=Theory, **E**=Exercises (compulsory attendance in 1 group), **LAB**=Laboratory (compulsory monitoring by grouping)*

SEMESTER IX

MANDATORY COURSES FOR WINTER SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
ΞΣΥ911	Contemporary Materials for Wood Structures	3			6	NTALOS
ΞΣΥ921	Photorealism & Motion	2		1	6	NINIKAS
ΞΣΥ931	Marketing of Wood Products	2	1		6	TRIGKAS
	Elective course 4				4	
	Elective course 5				4	
ΠΕ01	Diploma Thesis				4	
ΣΥΝΟΛΟ ECTS					**30**	
Elective Courses of the Semester IX						
(choice of 2 courses from the following 5 or from elective courses of the same semester of the other direction)						
ΞΣΕ941	Wood Coatings	2		1	4	SKARVELIS
ΞΣΕ951	Funtiture Quality Control	2		1	4	NTALOS
ΞΣΕ961	Entrepreneurship and Innovation	2	1		4	-
ΞΣΕ971	Virtual and Augmented Reality Technologies	2	1		4	KARAGEORGOS
ΞΣΕ981	Implementation of Wood Construction Project	1		2	4	NTALOS

***T**=Theory, **E**=Exercises (compulsory attendance in 1 group), **LAB**=Laboratory (compulsory monitoring by grouping)*

SEMESTER X

MANDATORY COURSES OF SPRING SEMESTER

CODE	COURSES	HOURS/WEEK			ECTS	RESPONSIBLE FOR THE OUTLINE
		T	E	LAB		
ΠΕ01	Diploma Thesis				26	TRIGKAS
ΠΡ0110	Practical Exercise - Internship (2 months)				4	