

Faculty of Forestry in Hajnówka				
Programme of studies (faculty)	Forestry		extramural 1st degree studies practical profile	
			Level and format of studies	
Subject area:	Management of environmentally valuable areas		Course completion:	
Course:	Forestry Economics		Course code:	LN5049
Course type:	compulsory	Semester: IV	ECTS credits	3
Number of hours per semester:	W - 10	C- 10	L-	P- Ps- S-
Introductory courses	Economics			
Course aims and objectives:	Description of assumed knowledge, skills and social competences that students should acquire upon completion of this course: Basic knowledge of the economics of forestry and its efficiency. Ability to define and determine the costs of production in farm forestry. Knowledge of methods of estimating the value of the forest and methods of estimating losses in forest stands.			
Form of assessment	Lecture – written examination, classes – an end-term test (practical tasks).			
Programme contents:	Purpose and scope of the economics of forestry. The economics of forest production, forest functions and farm forestry. Effectiveness of management in forestry and methods of its determination. Factors of forest production. Costs of forest production, types of costs. Theoretical basis for the pricing of timber. Rudiments of estimating the value of forests and trees; static, empirical, and array. Estimation of losses in the stands according to the classical methods. Determination of average prices of basic wood assortments. Estimation of forest value using percentage, scheme, empirical and array methods. Estimation of losses in the stands caused by the impact of various factors.			
Didactic methods	Informative lecture, problem-based lecture, classes of subjects			
Learning outcomes	<i>Learning outcomes: knowledge-skills-competence</i>			<i>Reference to field learning outcomes</i>
EK1	Student defines the basic concepts of the economics of forestry			L1P_W11
EK2	Student classifies the costs according to their type and interprets them			L1P_W11
EK3	Student compiles and lists economic categories of production in forestry			L1P_W 11, L1P_U 14
EK4	Student is able to calculate the value of a forest stand using different methods			L1P_U17
EK5	Student is able to estimate losses in forest stands.			L1P_U12

Learning outcome no.	Method of verification of learning outcomes	Course form (if more than one) on which the verification takes place	
EK1	Exam grade	W	
EK2	Exam grade	W	
EK3	Exam grade, assessment of task solution within classes	W, C	
EK4	Assessment of task solution within classes, assessment of oral task solution during classes	C	
EK5	Assessment of task solution within classes, assessment of oral task solution during classes	C	
Balance of student workload (in hours)	Attendance at lectures	10 x 1h	10
	Attendance at classes	5 x 2h	10
	Preparation for classes	5 x 5h	25
	Preparation for the end-term test	15h	15
	Preparation for the exam	8h	8
	Participation in the exam	2h	2
	Attendance at tutorials related to lectures and classes	5h	5
		TOTAL:	75h
Quantitative indicators	Student workload related to activities that require direct participation of a teacher:		ECTS
		27	1
	Student workload related to practical activities:	50	2
Compulsory reading list::	1. Bednarski L. 2007. Financial analysis of the enterprise. PWE. 2. Bednarski L., Borowiecki R., Duraj J., Kurtys E., Waśniewski T., Wersty B. 2001. Economic analysis of the enterprise. The Wrocław Academy of Economics and Business Publishing House. 3. Duraj J. 2000. Basics of business economics. PWE. 4. Kocel J. 2000. The importance and directions of rationalization of the costs of State Forests. in: Current state and perspectives of research in forest management and forestry economics. IBL. 5. Szramka H. 2018. Selected Aspects of Forestry Economics. The University of Life Sciences Publishing House.		
Supplementary reading list:	1. Piszczek. M., Radwan A. 2004. The effects of Poland's accession to the European Union on the labour market in forestry. in: Economic relations of the European Union. Selected directions of Community policy. The University of Zielona Góra Publishing House. 2. Regulation of the Minister of Environment of 14 January 2003 on positions, service ranks and remuneration principles in the Forest Service. 3. Forests Act. Journal of Laws no. 101, item 444.		
Implementing unit:	Faculty of Forestry in Hajnówka	Programme elaborated by:	Sławomir J. Snarski Ph.D.
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