

Biotechnical Faculty / MEDITERRANEAN FRUIT GROWING / ECONOMIC ASPECTS OF ECOLOGICAL PRODUCTION

Course:	ECONOMIC ASPECTS OF ECOLOGICAL PRODUCTION			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
11430	Mandatory	6	4	2+2+0
Programs	MEDITERRANEAN FRUIT GROWING			
Prerequisites	Does not have			
Aims	Acquaintance of students with the basics of economics and organization of ecological production			
Learning outcomes	- defines the concept of ecological agriculture - present the issue of ecological production development - it is used by legal regulations in the field of ecological production - establishes economic indicators of ecological production - effectively plans, organizes and manages ecological production - follows market trends and makes rational decisions			
Lecturer / Teaching assistant	Prof. Dr. Aleksandra Despotović, Prof. Dr. Miomir Jovanović and Dr. Miljan Joksimović			
Methodology	Lectures, exercises, consultations			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	Basics of the economics of ecological production			
I week exercises	Economic and environmental factors of production			
II week lectures	Factors of ecological production and sustainable development of agriculture			
II week exercises	Concept, dimensions, principles and measures of sustainable development			
III week lectures	Possibilities of developing organic production from the producers point of view			
III week exercises	Conditions and motives for the development of ecological production			
IV week lectures	Economic effects of application of chemicalization, mechanization and melioration measures			
IV week exercises	Elements of business in ecological production - soil cultivation system, maintenance of soil fertility, protection, workforce			
V week lectures	Economic parameters of organic agriculture			
V week exercises	Costs, cost sharing, factors of efficient ecological production. Calculation and elements of calculation			
VI week lectures	Cost-Benefit analysis of the production unit; Determines the maximum economic result of the production unit while reaching the ecological optimum			
VI week exercises	Compiling calculations for ecological products			
VII week lectures	Colloquium I			
VII week exercises	Determination of indicators of economic effectiveness			
VIII week lectures	Determination of indicators of economic effectiveness			
VIII week exercises	Cost price calculation, Economic effects of processing.			
IX week lectures	Elements of creating a business plan and investment program			
IX week exercises	The need to create a business and investment plan. Economic justification of the investment.			
X week lectures	Making business decisions for certain systems of agricultural production			
X week exercises	Types of decisions, prerequisites for decision-making, decision-making			
XI week lectures	A model for calculating the coverage of variable costs as a basis for evaluating the success of production			
XI week exercises	Creation of direct costing calculation.			
XII week lectures	Colloquium II; Maximizing profit and minimizing loss in organic farming			
XII week exercises	Optimal structure and volume of production			
XIII week lectures	Standardization of eco-food			
XIII week exercises	Legal regulation, standardization process, product labeling, legal obligations of producers in ecological			

	production					
XIV week lectures	Food chain and sustainability goals					
XIV week exercises	Ensuring and maintaining the integrity of ecological production in the supply and sales chain.					
XV week lectures	Market and marketing of ecological products					
XV week exercises	Market and marketing aspects of ecological production.					
Student workload						
Per week				Per semester		
4 credits x 40/30=5 hours and 20 minuts 2 sat(a) theoretical classes 0 sat(a) practical classes 2 excercises 1 hour(s) i 20 minuts of independent work, including consultations	Classes and final exam: 5 hour(s) i 20 minuts x 16 =85 hour(s) i 20 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 5 hour(s) i 20 minuts x 2 =10 hour(s) i 40 minuts Total workload for the subject: 4 x 30=120 hour(s) Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) 24 hour(s) i 0 minuts Workload structure: 85 hour(s) i 20 minuts (cources), 10 hour(s) i 40 minuts (preparation), 24 hour(s) i 0 minuts (additional work)					
Student obligations	Students are required to attend classes, take both colloquiums and the final exam					
Consultations	After lectures and exercises					
Literature	Sredojević, Zorica (2002): Economic problems of ecological agriculture, 2. Grgić, I. (2013): Agro-economic models in ecological horticultural production, 3. Vlahović, B., Puškarić, A. (2013): Organic agriculture - a chance for agribusiness, 4. Babović, J., Lazić, B., Malešević, M., Gajić, Ž. (2005): Agribusiness in organic food production					
Examination methods	Attendance and activity in class: 5 points Two tests: 2x2.5 5 points Colloquium: 2x20 40 points Final exam 50 points A passing grade is obtained if at least 50 points are accumulated cumulatively Rating. number of points: A (≥ 90 to 100 points); B (≥ 80 to < 90); C (≥ 70 to < 80); D (≥ 60 to < 70); E (≥ 50 to < 60); F < of 50;					
Special remarks	If the student decides to take a remedial colloquium or a remedial final exam, the points from the remedial exam are entered as the final number of points for the final grade.					
Comment	-					
Grade:	F	E	D	C	B	A
Number of points	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points