



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Organic Cereals and Legumes							
Course Code		OT206		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	98 (<i>Hours</i>)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		to learn basic information about cool and warm climate crops, legumes, the breeding of cultivated plants.							
Course Content		Culture, cultivation, harvest and storage conditions of cool and warm climate cereals. Culture, cultivation, harvesting and storage conditions of organic edible legume plants							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Tarla Tarımı Prof.Dr.Ayhan CEYLAN Ege Üniversitesi Ziraat Fakültesi Tarla Bitkileri Bölümü
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Week	Weekly Detailed Course Contents	
1	Theoretical	introduction to wheat breeding and cultivation of cool climate grain
	Practice	Field Application
2	Theoretical	Breeding and cultivation of barley
	Practice	Field Application
3	Theoretical	Breeding and cultivation of rye
	Practice	Field Application
4	Theoretical	Breeding and cultivation of oats
	Practice	Field Application
5	Theoretical	Introduction to the warm climate cereals, rice farming and agriculture
	Practice	Field Application
6	Theoretical	Plant breeding and cultivation of maize
	Practice	Field Application
7	Theoretical	Millet cultivation and agriculture
	Practice	Field Application
8	Intermediate Exam	MID-TERM
9	Theoretical	Wheat breeding and agriculture
	Practice	Field Application
10	Theoretical	Wheat breeding and agriculture
	Practice	Field Application
11	Theoretical	Input farming and cultivation of legumes and beans
	Practice	Field Application
12	Theoretical	Breeding and cultivation of lentils
	Practice	Field Application
13	Theoretical	Chickpea breeding and agriculture
	Practice	Field Application
14	Theoretical	Breeding and cultivation of peas
	Practice	Field Application
15	Theoretical	Cowpea breeding and cultivation, breeding and cultivation of Beans
	Practice	Field Application
16	Final Exam	FINAL EXAM



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Land Work	12	0	2	24
Reading	10	0	3	30
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				98
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to grow cool season crops
2	To be able to grow warm climate cereals
3	To be able to grow legumes
4	Knows and makes storage of cereals
5	Knows and makes the storage of edible legumes

Programme Outcomes (Organic Agriculture)

1	To have university life, to use computer technology and to have skills for raising of scientific data
2	To produce according to organic agriculture rules
3	To know and apply starter to organic agriculture, and to get product certification
4	To know genetic for organic vegetable and animal species
5	To know and apply organic production principle and regulations and protection of environment
6	Understand and apply production techniques for organic vegetable and animal
7	To understand control methods for diseases and pests in organic agriculture
8	Having knowledge of quality control, preserving and marketing of organic products
9	To having knowledge equipments and methods for new agricultural technologies
10	To have knowledge of professional ethics and responsibility
11	Ability to work in team and individual
12	To communicate orally and in writing
13	To have adopt life-long learning importance and to have follow professional developments

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3
P1	1	1	1
P2	3	3	3
P3	3	3	3
P4	2	2	2
P5	2	2	2
P6	5	5	5
P7	4	4	4
P8	3	3	3
P9	4	4	4
P10	3	3	3
P11	4	4	4

