



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES
FIELD CROPS
FIELD CROPS
FIELD CROPS MASTER
COURSE INFORMATION FORM

Course Title	Oilseed Crops								
Course Code	ZTB521	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	8	Workload	198 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	Yağ bitkilerini tanıtarak, yetiştirme tekniğini öğrenmelerini sağlamaktır.								
Course Content	The importance of oilseed crops, in the world and our country acreage, production, yields, history, origin, systematics, morphological and physiological characteristics, climate and soil requirements, crop rotation, soil preparation, varieties and seed, sowing, cultural practices (hoeing, fertilizing, irrigation, etc.), harvesting and storage.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Project Based Study								
Name of Lecturer(s)	Assoc. Prof. Öner CANAVAR								

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	1. Koç,H.,2001. Yağ Bitkileri.Gaziosmanpaşa Üni. Zir.Fak. Yayınları No:58, Ders Kitapları serisi No:22, Tokat.
2	2. Arioğlu,H.,1999. Yağ bitkileri yetiştirme ve ıslahı. Ç.Ü. Zir.Fak. Genel yayın No:220. Adana
3	3. Özgüven, M.,1995.Yağ Bitkileri Cilt:II, Ç.Ü. Zir.Fak. Ders Kitabı: No:47. Adana

Week	Weekly Detailed Course Contents	
1	Theoretical	Classification of oilseed crops, production statistics and oils
2	Theoretical	Importance of sunflower, it's history, systematic, morphologic characteristics
	Preparation Work	morphological characteristics
3	Theoretical	Cultivation of sunflower
	Preparation Work	cultural practices
4	Theoretical	Importance of sesame, it's history, systematic, morphologic characteristics
5	Theoretical	Cultivation of sesame
	Preparation Work	cultural practices
6	Theoretical	Importance of soybean, it's history, systematic, morphologic characteristics
	Preparation Work	morphological characteristics
7	Theoretical	Cultivation of soybean
	Preparation Work	cultural practices
8	Theoretical	Importance of peanut, it's history, systematic, morphologic characteristics
	Preparation Work	Term paper
9	Theoretical	Cultivation of peanut
	Preparation Work	cultural practices
10	Intermediate Exam	Midterm exam
11	Theoretical	Importance of canola, it's history, systematic, morphologic characteristics and cultivation of canola
	Preparation Work	cultural practices
12	Theoretical	Importance of poppy, it's history, systematic, morphologic characteristics and cultivation of poppy
	Preparation Work	cultural practices
13	Theoretical	Importance of safflower, it's history, systematic, morphologic characteristics and cultivation of safflower



14	Theoretical	Importance of poppy, it's history, systematic, morphologic characteristics and cultivation of castor bean
	Preparation Work	morphological characteristics
15	Theoretical	Morphologic characteristics and cultivation of other oilseed crops
	Preparation Work	morphological characteristics
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Lecture - Practice	14	2	2	56
Assignment	4	15	0	60
Midterm Examination	1	8	1	9
Final Examination	1	16	1	17
Total Workload (Hours)				198
[Total Workload (Hours) / 25*] = ECTS				8

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	1.To be able to evaluate the importance of oilseed plants in field crops production
2	2. To be able to comprehend growing techniques for productive, high quality and an economic production
3	3.To be able to synthesise, think analytically and solve problems by monitoring developments on growing techniques
4	4. To be able to solve the problems in the oilseed plants production
5	5. To be able to reveal the production potential of oilseed plants in Turkey

Programme Outcomes (Field Crops Master)

1	To be able to improve and deepen the level of expertise in field crops on the basis of the departments licenses qualifications.
2	To be able to recognize the subjects related to field crops, to be able to solve these and make interpretation.
3	To be able to have the skills of acting independently, to have power to decide and to create.
4	To be able to work in teams between departments
5	To be able to give briefing about latest information of Field Crops in written, oral and visual ways.
6	To be able to take responsibility for developing the new approaches and to formulate a solution facing unforeseen complex situations of applications,
7	To be able to defend the original opinions in both Turkish and in foreign languages by using these languages and communicating effectively.
8	To be able to contribute to science by producing knowledge for the aim of improving quality, efficiency and sustainability
9	To be able to apply breeding methods in order to improve new varieties for Field Crops.
10	To be able to maintain and select the appropriate statistical methods within the framework of the study, evaluation of scientific ethics; to convert the results into a report/dissertation and to offer them by producing scientific publications.

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

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P2	5	5	5	5	5
P3	4	5	4	4	4
P4	3	3	3	3	5
P5	3	4	4	4	4
P6	4	5	5	5	5
P7	5	5	5	5	5
P8	4	5	5	5	5
P9	5	5	5	5	5
P10	5	5	5	5	5

