



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

Course Title	Seedproduction of Forage Crops								
Course Code	ZTB534	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	7	Workload	175 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	Seed production techniques in leguminous and cereal forage crops								
Course Content	To grasp all the details about seeds which are the most important input in forage crops agriculture.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Experiment, Discussion, Case Study, Project Based Study, Individual Study, Problem Solving								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Açıkgöz. E. 2001. Yem bitkileri. Uludağ Ün. Zir. Fak. Tarla Bitk. Böl. Bursa Heady, H.F. ve Child R.D. 1994.
2	Avcıoğlu R., Hatipoğlu R., Karadağ Y. 2009. Yem Bitkileri. Tarım ve Köyşleri Bakanlığı Yayınları.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to the course
2	Theoretical	What is seed
3	Theoretical	Ecological requirements in seed production
4	Theoretical	Seed morphology and physiology
5	Theoretical	Seed production in one-year leguminous forage crops
6	Theoretical	Seed production in perennial leguminous forage crops
7	Intermediate Exam	Midterm
8	Theoretical	Seed production in annual grass forage crops
9	Theoretical	Seed production in annual grass forage crops
10	Theoretical	Seed production in perennial grass forage crops
11	Theoretical	Seed production in perennial grass forage crops
12	Theoretical	Germination and germination stages
13	Theoretical	Germination and germination stages
14	Theoretical	Seed processing stages
15	Theoretical	Seed storage and its importance
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	1	0	50	50
Term Project	1	0	50	50
Midterm Examination	1	0	13	13
Final Examination	1	0	20	20
Total Workload (Hours)				175
[Total Workload (Hours) / 25*] = ECTS				7

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	
2	
3	
4	
5	

**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	5	5	5	5	5
P4	5	5	5	5	5
P5	5	5	5	5	5
P6	5	5	5	5	5
P7	5	5	5	5	5
P8	5	5	5	5	5
P9	5	5	5	5	5
P10	5	5	5	5	5

