AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Biosafety								
Course Code	ZBK548		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	8	Workload	200 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Information about biosafety and legal proceedings for bioscience workers								
Course Content	Analyzing of updated biotechnological developments and biotechnological applications, Social and commercial echoes, Biosafety necessarily and importance, Biosafety-Bioengineering interaction, Information about basic biosafety and legal proceedings on historical progress, Risk in biotekhnology and risk managament mentality, Legal and organizational restructuring in word about biosecurity, Basic approaches and evoluations on national and indernational platforms.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion								
Name of Lecturer(s)									

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

Recommended or Required Reading	
1	Topal, Ş. 2006 Biyogüvenlik ve Biyoteknoloji Cemturan Ofset Matbaası 312s.
2	Anonymous, 2004. GDO Gerçeği, Genetiği Değiştirilmiş Organizmalar ve Gıda Güvenliği Konferans Notları, İstanbul, 144 s
3	Graham, L. E., J.M.Graham and L.W. Wilcox, 2005. Bitki Biyolojisi; Genetik Mühendisliği (Bölüm 18) ed. K. Işık, Palme Yayıncılık, 497 s.
4	Özcan, S., E. Gürel ve M. Babaoğlu, 2001. Bitki Biyoteknolojisi; Genetik Mühendisliği ve Uygulamaları, 456 s.…

Week	Weekly Detailed Course Contents	
1	Theoretical	Analyzing of updated biotechnological developmets and biotechnological applications
2	Theoretical	Information about basic biosafety and legal proceedings on historical progress
3	Theoretical	Social and commercial echoes, Biosafety-Bioengineering interaction
4	Theoretical	Biosafety necessarily and importance
5	Theoretical	Biosecurity and biotechnological assurence fact
6	Theoretical	Risk in biotechnology and risk managament mentality
7	Intermediate Exam	Exam
8	Theoretical	Risk in biotechnology and risk managament mentality
9	Theoretical	Biosecurty and ethic
10	Theoretical	Biosecurty and ethic
11	Theoretical	Legal and organizational restructuring in word about biosecurity
12	Theoretical	Legal and organizational restructuring in word about biosecurity,
13	Theoretical	Biosecurity strategies in Turkey, its applications and legal restructions
14	Theoretical	Biosecurity strategies in Turkey, its applications and legal restructions
15	Final Exam	Final

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Lecture - Practice	14	3	2	70
Midterm Examination	1	34	1	35

Final Examination	1	38	1	39
			Total Workload (Hours)	200
			[Total Workload (Hours) / 25*] = **ECTS**	8
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Information on biosafety risks and new technologies discussios …
2	Basic approaches and evaluations on national and international platforms
3	Preventive strategies on gaps on biosafety…
4	
5	

Programme Outcomes *(Plant Protection Master)*	
1	To develop knowledge and abilities that gained during undergraduate education
2	To gain ability to search and pursue current literature
3	To gain ability to plan and write projects that help solving problems in field of study.
4	To gain ability to conduct research, analyze data, evaluate research results scientifically and preapare reports and thesis writing.
5	Students will be able to learn and apply the laboratory test and analysis methods
6	To recognize occupational and ethical responsibility

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	4	4	4	4	4
P2	5	5	5	4	5
P3	4	5	5	4	5
P4	4	4	4	4	5
P5	5	5	4	4	5
P6	5	5	4	5	5