

COURSE DEFINITION FORM

Course Title: Chess				Course Code:		Name of the Programme: Biology Education			
Education and Teaching Methods							Credits		
Theory	Application	Laboratory	Project	Assignment	Others	Total	Credit	ECTS Credit	
42			50	58		150	2	3	
Semester		Fall/Spring		Language		English			
Course Type	Basic Field Course		Field Course ☒	Technical Elective ☐		Social Elective ☐			
Course Content	Gain techniques, skills, computers and software knowledge to solve chess play problems Design and conduct experiments as well as to analyze and interpret data Organize chess tournaments , Play Chess.								
Course Objectives	To gain techniques, skills, computers and software knowledge to solve chess play problems , to design and conduct experiments as well as to analyze and interpret data, to be able to organize chess tournaments , to play Chess.								
Learning Outcomes and Competences	By the end of this module students will be able to: Gain techniques, skills, computers and software knowledge to solve chess play problems Design and conduct experiments as well as to analyze and interpret data To be able to organize chess tournaments Chess do play.								
Textbook and/or Competences	Course notes will be provided by the instructor.								
Assessment Criteria									
Theoretic Courses			Project Course and Graduation Study						
	Check as (X) if there is	Percentage (%)		Check as (X) if there is	Percentage (%)				
Term Examinations	X	40	Term Examinations						
Quizzes			Term control						
Homeworks			Interval submission						
Term homeworks(projects, reports, etc..)			Oral examinations						
Laboratory			Final examinations						
Final examinations	X	60	Other						
Other									
Week	Course Subjects								
1	Introduction level of modern chess and giving information about chess world, history chess computers and chess player.								
2	Organize chess tournaments and education in schools in which they work.								
3	Gain techniques, skills, computers and software knowledge to solve chess play problems								
4	Gain techniques, skills, computers and software knowledge to solve chess play problems								
5	Design and conduct experiments as well as to analyze and interpret data								
6	Design and conduct experiments as well as to analyze and interpret data								
7	Organize chess tournaments								
8	Mid-term examinations								
9	Organize chess tournaments								
10	Chess do play								
11	Chess do play								
12	Chess do play								
13	Chess do play								
14	Chess do play								
Instructors									
e-mail									
Web address									

COURSE DEFINITION FORM

Course Title: Biotechnology				Code :		Name of the Programme: Biology Education		
Education and Teaching Methods							Credits	
Lecture	Application	Laboratuary	Project/ Field Study	Hw.	Other	Total	Credit	ECTS
28			36		36	100	2	4
Semester		Autumn/Spring		Language		Turkish/English		
Course Type	Basic Scientific ☐		Scientific ☒		Technical Elective ☐		Social Elective ☐	
Course Contents	Biotechnology, molecular biotechnology, rekombinnat proteins, vaccines, plant biotechnology, transgenic animals							
Course Objectives	can explain the concept of Biotechnology Know the application area							
Learning Outcomes and Competences	Can you explain the concept of biotechnology. Knows the application area.							
Textbook and /or References								
ASSESSMENT CRITERIA								
Theoretical Courses				Project Course and Graduation Study				
	If any, mark as (X)	Percent (%)			If any, mark as (X)	Percent (%)		
Midterm Exams	x	40		Midterm Exams				
Quizzes				Midterm Controls				
Homeworks				Term Paper				
Term Paper (Projects,reports,)				Oral Examination				
Laboratory Work				Final Exam				
Final Exam	x	60		Other				
Other								
Week	Subjects							
1	What is biotechnology? Historical development of biotechnology.							
2	What is molecular biotechnology?							
3	Molecular biotechnology application areas and sub-branches. Rekombinnat proteins. How to recombinant proteins are produced. The creation of recombinant molecules.							
4	Be given to the living cells, and expression. The importance of the expression system used. Organism to produce recombinant proteins in prokaryotes.							
5	Production of recombinant proteins in host Eukaryot.							
6	Difficulties encountered in the use of host Eukaryot.							
7	What is tissue culture.							
8	Recombinant protein production and use examples of monoclonal antibodies.							
9	What are monoclonal antibodies?							
10	Application areas and application of monoclonal antibodies.							
11	Vaccines. Plant biotechnology.							
12	Transgenic animals.							
13								
14								
Instructors								
e-mail								
Website								

