



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Recent Advanced of Biochemistry							
Course Code		VBY640		Couese Level		Third Cycle (Doctorate Degree)			
ECTS Credit	7	Workload	169 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		In this lesson, to follow the latest developments in the field of biochemistry, to investigate new techniques, biochemistry, aimed to teach about the magazine and access to resources on the internet.							
Course Content		Monitoring of latest developments and new innovations in the field of biochemistry and biochemistry laboratory techniques used to investigate the applicability of their current							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Discussion, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Final Examination	1	100

Recommended or Required Reading

1	Universities web sites
2	Google academic
3	Pub med

Week	Weekly Detailed Course Contents	
1	Theoretical	Visit the websites of the universities of departments of Biochemistry
2	Theoretical	To Explore issues presented seminar in the Departments of Biochemistry Universities
3	Theoretical	Student presentation
4	Theoretical	To Explore issues presented seminar in the Departments of Biochemistry Universities
5	Theoretical	Student presentation
6	Theoretical	Explore thesis issues in Universities Departments of Biochemistry
7	Theoretical	Student presentation
8	Theoretical	Search for your article with keywords
9	Theoretical	Midterm exam
10	Theoretical	In the last decade the research topics
11	Theoretical	Student presentation
12	Theoretical	What's new in the last decade devices used in biochemistry
13	Theoretical	To examine according to degree of imdb the biochemistry journals
14	Theoretical	Literature review and evaluation

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	4	2	84
Assignment	2	6	0	12
Term Project	1	7	0	7
Reading	6	7	0	42
Midterm Examination	1	10	1	11
Final Examination	1	12	1	13

Total Workload (Hours) 169

[Total Workload (Hours) / 25*] = **ECTS** 7

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To follow seminars, and research topics and to reach Universities biochemistry sites
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2	Web sites of Magazines visited and to follow current developments in Biochemistry
3	Amazon, pub med search sites, such as national and international scientific publications browsing and downloading learning literature
4	To Knowledge of the historical development of research in biochemistry
5	To Learn how to use and presentation of the literature

Programme Outcomes (Biochemistry (Veterinary Medicine) Doctorate)

1	Has a deep and broad knowledge about the field and the interdisciplinary area related with the field through the achievements gained in undergraduate and professional levels.
2	Has the knowledge to create original ideas, analyze them and develop definition/product/diagnosis methods by using the knowledge gained in undergraduate and/or professional experience, when needed.
3	Is knowledgeable about theories and practices in methodological and scientific research methods to run an independent research.
4	Excels in the laboratory, clinical and similar fields by using the theoretical and practical information gained in former education, and has the ability to create solutions in related fields.
5	Designs and develops scientific methodology for the advanced level/newly defined/emerged problems about the field.
6	Excels in the known scientific methods in the field for the advanced level/ newly defined/emerged problems.
7	Designs unique researches and implements independently.
8	Analyzes, synthesizes and evaluates the new ideas in related fields by using critical thinking.
9	Plans, creates teams and carries out the interdisciplinary research projects in order to create solutions to the known/newly defined problems.
10	Joins to congresses, panels, symposiums, workshops, seminars, article discussions and problem solving sessions in different disciplines, and exchanges information with the other professionals to contribute to the solutions.
11	Broadens the borders of scientific information by publishing scientific articles in national and/or international peer-reviewed journals.
12	Creates new ideas and methods to contribute to the technological, social and cultural progress, or to help the development of information society by using the theoretical, practical, independent research, abilities responsibly.
13	Designs and implements social projects with the awareness of creating an information society.
14	Compiles and interprets any type of data (field observation, scientific knowledge etc.) in accordance with the aims.
15	Develops and uses strategies about related topics with the field.
16	Implements and defends institutional and practical information and abilities in accordance with the needs of the country and the world, and changes when necessary.
17	Follows up and uses all the updates about the field (scientific information, legislations etc.), and has the qualification to change them.
18	Adopts lifelong learning as a principle and acknowledges that the information gained through research is the most valuable gain.

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

	L1	L2	L3	L4	L5
P3			5	5	5
P11	5	5	5	5	5

