

Course Name	Code	Half term	Theory (hours/week)	Application (hours/week)	Laboratory (hours/week)	ECTS
CLINICAL TOXICOLOGY	MTP 504	2. semester/Spring	3	0	0	5
Prerequisites	No					
Course language	Turkish					
Course Type	Compulsary					
Do you think learning and teaching techniques	Interactively, Slide Presentation, If necessary, accessing data sources via internet					
Responsible for the course (s)						
Course objectives	General treatment principles of poisoning; important drug groups used in the clinic, drug mechanisms of toxic effects of chemical substances, external symptoms of poisoning, antidotes and treatment approaches					
Course learning outcomes	1. Drugs and other chemical and natural substance occurring with antidote and defining their approach to the treatment of poisoning 2. Drugs, chemicals and natural substances to be able to describe the mechanisms of poisoning that occurred 3. You will be able to choose the target organs toxic responses in general treatment principles					
Resources	1. Barile, A.F. ' Clinical Toxicology, Principles and Mechanisms ', CRC Press, London, 2004. 2. Olson K.R., Lange Poisoning & Drug Overdose, Lange Medical Books/McGraw-Hill, 2007					

Course Topics:

AS the WEEKS	DISCUSSION TOPICS TO BE PROCESSED
1. Week	Introduction To Clinical Tox-I
2. Week	Introduction To Clinical Tox-II
3. Week	Analgesic And Anti-Inflammatory Agents
4. Week	Anticholinergic And Neuroleptic Drugs
5. Week	Opiyatlar And Opioids
6. Week	Sempatomimetikler
7. Week	Sedative/Hipnotikler
8. Week	Cardiovascular Drugs
9. Week	Halusinojenik Agents
10. Week	Toxic Gases
11. Week	İnsektisidler
12. Week	Herbisidler
13. Week	Aliphatic And Aromatic Hydrocarbons
14. Week	Household Chemicals

**Student Workload Table**

Activities	Number	Duration	Total work load
Course Duration (X14 )	14	3	42
Laboratory			
Practice			
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)	14	4	56
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)			
Seminars			
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam	2	10	20
Final Exam Preparation Time	1	7	7
<b>Total Work Load ( hour) / 25(s)</b>	<b>125/25=5</b>		
<b>ECTS</b>	<b>5</b>		

**Evaluation System**

Semester Work	The number of	Contribution
Midterm Exam	1	40%
Half Year End Exam	1	60%
Laboratory		
Application		
Field Work		
Class-Specific Internship (If Any)		
Assignments		
Presentations and Seminars		
Projects		
Other		
Do your homework		
Application		
Laboratory		
The sum of the grades		100

**COURSE LEARNING OUTCOMES AND A RELATIONSHIP WITH PROGRAM QUALIFICATIONS**

No.	PROGRAM QUALIFICATIONS			
		L01	L02	L03
1	Degree level qualification at the level of expertise in the field of molecular medicine based on up-to-date information, enhances and deepens.	3	3	3
2	Requires a level of knowledge of the field of molecular medicine technologies, technical equipment and machinery and tools that are specific to the field information	3	3	3
3	Molecular Medicine is having in the field of information integrate with information from different disciplines to create new information, comments, analysis and synthesis by using different research methods and propose solutions.	3	3	3
4	The report of his research the author.	3	3	3
5	Empirical research plans.	3	3	3
6	Molecular Medicine in matters requiring expertise in the field of fiction, propose solutions, and solves the problems, assesses the results obtained when necessary.	3	3	3
7	Molecular Medicine and public health-related priority issues Area scientific clinical and/or descriptive research/presentations/publication.	3	3	3
8	The information related to the field of molecular medicine evaluates and directs the learning a critical approach.	3	3	3
9	Professional development related to the field of molecular medicine and performs studies the principles of life-long learning.	3	3	3
10	Current developments in the field of Molecular Medicine information, and their work in the same field or with groups other than the written, oral and Visual systematically as he discusses and shares.	3	3	3
11	The vocational and professional environment, social relationships, and those relationships are a critical perspective, norms and makes the need to improve them.	3	3	3
12	Collection of data related to the field of molecular medicine, towards restriction, interpretation, announcing social, scientific and ethic values in oversees and teaches these values.	3	3	3
13	The basic unit of society, current developments in the field of Molecular Medicine is to cover the national children and family values, and evaluates in line with the realities of the country.	3	3	3
14	Ethical principles and the importance of the individual and of the community for the Ethics Committee, ethics.	3	3	3
15	Molecular Medicine in the field with strategy, policy and implementation plans and results obtained within the framework of the quality processes.	3	3	3
<b>Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent</b>				