

School of pharmacy

Department

Course title: **Toxicology**

Credit (Theory or Practical): **2 Theory**

Prerequisite: -----

Course Lecturers: Dr. Shariatpanahi- Dr. Aghsami- Dr. Aghamiri -Dr.Abdollahi

Responsible Lecturer: **Dr. Abdollahi**

Student responsibilities:

- 1- Seminars and projects: projects/seminars
- 2- Exercises: oral/written exercises
- 3- Comprehensive Written Examination: Quiz

Course Description:

This course is intended to learn the methods of diagnosis and treatment of poisonings and to acquire the necessary skills.

Course objectives:

- Awareness of the Ways to remove toxins from the body
- Learn the mechanisms of Antidotes
- Learn about the narcotic, antipsychotics, and hypnotics drugs
- Understanding the toxic effects of various compounds such as bites, pesticides
- Understanding the toxic effects of analgesics, antidepressants and sedatives drugs

- Determining the toxic effects of Metals, Detergents, Hydrocarbons, and Chemical agents

- Learning outcomes at the level of the study program to which the course contributes:

Understand the basics of toxicology

Awareness of the mechanisms of different toxins

- Expected learning outcomes at the level of the course

- Student will be able to: successfully understand the mechanisms of toxicity of different toxins.

- Type of instruction: PowerPoint-Online

Course title: Clinical Toxicology Sunday 10-12

Lecturer	Subject	Time	Date	No.
Dr. Shariatpanahi	How to deal with a poisoned patient	10-12	1403/12/05	1
Dr. Shariatpanahi	Ways to remove toxins from the body	10-12	1403/12/12	2
Dr. Shariatpanahi	Antidotes	10-12	1403/12/19	2
Dr. Shariatpanahi	Narcotic drugs	10-12	1403/12/26	3
Dr. Aghsami	Pesticides	10-12	1404/01/17	4
Dr. Abdollahi	Analgesics	10-12	1404/01/24	6
Dr. Abdollahi	Sedatives	10-12	1404/01/31	7

Dr. Shariatpanahi	Antidepressants	10-12	1404/02/07	8
Dr. Aghamiri	Gases	10-12	1404/02/14	9
Dr. Aghsami	Bites	10-12	1404/02/21	10
Dr. Abdollahi	Plant toxicities	10-11	1404/02/28	11
Dr. Aghamiri	Metals	10-14	1404/03/04	12
Dr. Aghamiri	Metals	10-14	1404/03/11	13
Dr. Aghsami	Antipsychotics	10-12	1404/03/18	14
Dr. Abdollahi	Hypnotics	10-12	1404/03/25	15
Dr. Abdollahi	Detergents	10-11	1404/04/01	16
Dr. Abdollahi	Hydrocarbons	10-12	Extra	17
Dr. Aghamiri	Chemical agents	10-12	Extra	18

References:

1 -Clinical Management of Poisoning and Drug Overdose, Haddad L. N. and Winchester J. F., W. B. Saunders Co., Philadelphia, 1998.

2- Medical Toxicology (Diagnosis and Treatment of Human Poisoning), Ellenhorn MJ. And Barceloux D. G., Elsevier Sciences Publishing Co. Philadelphia, 1998.

- All classes will be held in Besarati (Eastern 7) street, North Shahin Boulevard

The absence hours of a student should not exceed 4/17 in theoretical, 2/17 in practical and laboratorial. Otherwise, the score for that course or section will be considered as zero.

Note 1: allowed absences are accepted provided that students bring in documents for that and the related professor approves it. Acting against absences (either excused or not) will be the decision of the professor and agreement of the college.