

Principle courses for Master Degree

Code & Name	Contents
<u>TFM 1110</u> Advanced General Toxicology	Introduction – Factors affecting the general action – Factors related to the poison – Factors related to the animal – Toxicokinetic (Absorption – Distribution – Metabolism – Excretion) – Toxicodynamic – Measurement of danger – Diagnosis of poisoning – General treatment of poisoning – Antidotes – General antidote – Physical antidotes – Chemical and pharmacological antidotes – Chelators.
<u>TFM 1111</u> Environmental Toxicology	Introduction – Types and sources of environmental pollutants – Classification of environmental pollutants – Chronic effect of environmental pollutants on health – toxic effect of air pollutants – Toxic effect of sulfur dioxide and sulfates – Toxic effect of ozone and nitrogen dioxide – Toxic effect of carbon monoxide – Solvents – Toxic effect of water pollutants – Toxic effect of pesticides – Toxic effect of metals – Toxic effect of radiations – Toxic effect of food additives and pollutants – Classification of food additives – Toxic effect of carcinogens – Toxic effect of mutagens – Prevention and protection methods from pollutants.