

Principle Courses for PhD

Code & Name	Contents
<u>TFM 2110</u> Fundamentals of Analytical Toxicology	Introduction about analytical toxicology – Methods used for collection, transport and preservation of samples to be analyzed – Methods used for preparation of samples for toxicological analysis – Spectrophotometric tests for analysis of toxicants – The use of different types of chromatograph (thin layer – high performance liquid – gas) – The use of electrophoresis – Methods used for analysis of heavy metals by atomic absorption – The use of immune and enzymatic tests in analysis of poisons – Practical evaluation for results of analysis of different poisons.
<u>TFM2 111</u> Clinical Toxicology	Introduction about clinical toxicology – The relation between toxicity and different doses of toxicants – Toxicological interaction between different toxicants – Methods used for diagnosis and differential diagnosis of poisoning – How to apply the results of toxicity analysis in diagnosis and differential diagnosis – Different methods used in treatment of poisoning.