

CHEM4440 Food Testing and Environmental Analysis

Course Description:

This course aims to provide students with a solid understanding of the principles underlying food and environmental analysis. Through detailed discussions on selected examples of food and environmental sample analysis, students are expected to be able to identify the important components of each analytical method and to contribute to the development of new methods by selecting the most appropriate analytical technique and procedure. The practice adopted by analytical laboratories with particular relevance to accreditation, regulations and standard methods will be discussed.

Pre-requisite:

CHEM2400

Main Course Outline (for reference only):

1. Analytical principles and applications
2. Environmental analysis
3. Food analysis
4. Regulations and Standard methods