

FST 407 Advanced Food Analysis (3 Units)

Use of instrumental methods in food analysis including Gas Liquid Chromatography, Atomic Absorption Spectroscopy, Flame Photometry, Infra Red Spectrophotometry, UV Visible Spectrophotometry, Ion Exchange Chromatography, Gel exclusion Chromatography. Use of ICP-OES and ICP-MS in food analysis. Enzymatic methods in food analysis.

Practical: Practical use of the following instruments: Gas Liquid Chromatography, Atomic Absorption Spectroscopy, Flame Photometry, Infra Red Spectrophotometry, UV Visible Spectrophotometry, Ion Exchange Chromatography, Gel exclusion Chromatography; ICP-OES and ICP-MS in food analysis. Enzymatic methods in food analysis.