

CHM 206 Analytical Chemistry 2 + 1 +3 (3 Credits)

Theory of errors; Statistic treatment of data; Theory of sampling; Chemical methods of analysis including volumetric, gravimetric and physiochemical methods. Optical methods of analysis; Separation methods; Chromatography: Practical experience. Thin Layer, paper and column chromatograph. The use of R_f values; Instrumental method of analysis - spectroscopic techniques, quantitative analysis, x-ray methods, fluorescence technique, refractometry, polarimetry, voltametry and colorimetry