

CHEMISTRY LAB (CHML)

CHML 131 INTRODUCTION TO CHEMISTRY LAB (0 Hours)**CHML 141 GENERAL CHEMISTRY LAB (1 Hour)**

Prerequisite: or co-requisite: CHEM 141.

Experiments in the areas covered in CHEM 141. (F, S, Sum)

CHML 142 GENERAL CHEMISTRY II LAB (1 Hour)

Prerequisite: CHML 141, co-requisite: CHEM 142.

Laboratory experiments in the areas covered in CHEM 142. (F, S, Sum)

CHML 241 ORGANIC CHEMISTRY I LAB (1 Hour)

Prerequisite: CHEM 142, CHML 142.

Co-requisite: CHEM 241. Laboratory experiments in the areas covered by CHEM 241. (F, S, Sum)

CHML 242 ORGANIC CHEMISTRY II LAB (1 Hour)

Prerequisite: CHEM 241, CHML 241.

Co-requisite: CHEM 242. Laboratory experiments in the areas covered by CHEM 242. (F, S, Sum)

CHML 243 QUALITATIVE ORGANIC ANALYSIS L (1 Hour)

Prerequisite: CHEM 241, CHML 241; Co-requisites: CHEM 242, 243, UV/Vis and mass Spectroscopy for the elucidation of structure of organic compounds by CHEM 243.

(S)

CHML 320 ANALYTICAL CHEMISTRY LAB (1 Hour)

Co-requisite: CHEM 320. Laboratory experiments in the areas covered by CHEM 320.

CHML 340 INORGANIC CHEMISTRY LAB (1 Hour)**CHML 341 PHYSICAL CHEMISTRY I LAB (1 Hour)**

Co-requisite: CHEM 341. Laboratory experiments on physical chemistry phenomena. (F)

CHML 342 PHYSICAL CHEMISTRY II LAB (1 Hour)

Prerequisite: CHEM 341; Co-requisite: CHEM 342.

Laboratory experiments on Physical Chemistry phenomena. (S)

CHML 371 FORENSIC CHEMISTRY LAB (1 Hour)

This course covers the theory and practice of techniques commonly used in forensic science including examination of biological evidence (DNA fingerprinting, bloodstains, etc.), fingerprinting, and impressions resulting from friction ridge skin, tools, foot wear, etc. (S)

CHML 421 CHEMICAL INSTRUMENTATION LAB (1 Hour)

Prerequisite: CHEM 320, CHML 320; co-requisite: CHEM 421.

A laboratory course covering the use of spectroscopic, chromatographic and electrochemical instrumentation for the analysis of materials.

CHML 431 BIOCHEMISTRY I LAB (1 Hour)

Co-requisite: CHEM 431. Basic purification and characterization techniques in biochemistry. (S)

CHML 432 BIOCHEMISTRY II LABORATORY (3 Hours)

Co-requisite: CHEM 432. Basic purification and characterization techniques in biochemistry. (F)