

Course Code & Title : **CM9072 Second Undergraduate Research Opportunity in Chemistry and Biological Chemistry**

Academic Units : 4 AU

Pre-requisite : By permission

Course Description :

CM9072 Second Undergraduate Research Opportunity in Chemistry and Biological Chemistry

[Laboratory: 400; Pre-requisite: by permission; Academic Units: 4]

Learning Objectives

- a. To give students hands-on experience of chemical research.
- b. To integrate the chemical principles with biological applications with examples drawn from biochemistry, molecular and cell biology.

Content

This course provides undergraduates with the opportunity to carry out research with one or more faculty members in Chemistry and Biological Chemistry.

Course Outline

Research in a CBC laboratory or other approved laboratory 10 weeks

Learning Outcomes

Students should be able to use their knowledge of chemical theory and techniques in a research environment, to master new techniques and to handle and analyse data. Students should be able to plan ahead, manage their time, work as part of a team and solve problems that arise during the project. Students should also improve their communication skills.

Student Assessment

Students will be assessed based on:

- a. continuous assessment (100%) including a report, a presentation and the advisors' assessment.