

Course Code & Title : **CM4052 Current Topics at the Interface of Chemistry and Biology**

Academic Units : 3 AU

Pre-requisite : CM1051 and CM9051 or by permission

CM4052 Current Topics at the Interface of Chemistry and Biology

[Lecture: 39; Pre-requisites: CM1051 and CM9051 or by permission; Academic Unit: 3]

Course Description

This course will introduce students to the latest developments at the interface of chemistry and biology and will include but will not be limited to the fields of biochemistry, biological chemistry, bioorganic chemistry, bioinorganic chemistry, biophysical chemistry, bioanalytical chemistry, chemical biology, and medicinal chemistry with an emphasis on multidisciplinary studies. This course is directed toward chemistry majors.

Learning Objectives

To introduce some of the latest results from the scientific literature in the field of organic synthesis.

Course Outline

Topics will be taken from the current literature and will vary from year to year.

Content

This course will introduce students to the latest development in synthetic chemistry. Topics will be selected from the latest research literature. The course is directed towards students majoring in chemistry and related disciplines

Learning Outcomes

Students will be able to read critically and understand fully research papers from leading journals and be able to discuss literature topics in a professional manner.

Student Assessment

Students will be assessed by continuous assessment (100%)