

Course Code & Title : **CM8001 Impact of Chemistry on Society**

Academic Units : 3 AU

Pre-requisite : None

Course Description :

**CM8001 Impact of Chemistry on Society**

[Lectures: 39; Pre-requisite: none; Academic Units: 3]

**Learning Objectives**

Students will understand the significance of Chemistry in the modern world.

**Content**

Discussion of Chemistry in the context of selected current or potential socio-technological problems. Chemistry is central to a better understanding of our world. The issues selected, the facts and principles presented, and the habits of mind developed serve as a guide on how to live responsibly into the future.

**Course Outline**

S/N	Topic	Lecture Hours
1	Introduction	6
2	Global warming	3
3	Air	3
4	Acid rain	3
5	Water	3
6	Ozone layer	6
7	Energy	5
8	Polymers	4
9	Drugs	6

**Learning Outcomes**

Students will learn to appreciate Chemistry around them. Students will also be able to discern Chemistry information from the mass media critically, either through acquired knowledge from the course or through the skills in obtaining alternative sources of information. In short, students will have an added facet of view in this increasingly science-based world.

**Student Assessment**

A final 2-hour written examination (50%) and continuous assessment (30%) and team based activities (20%).

20% team based activities will be based on team activities, blog and multimedia content produced by the students.

**Textbooks/References**

Chemistry in Context, 6ed

Author: American Chemical Society