

Module code	SC-1483		
Module Title	Chemistry in Everyday Life		
Degree/Diploma	Undergraduate GenNEXT Bachelor Degree		
Type of Module	Breadth		
Modular Credits	4	Total student workload	10 hours/week
		Contact hours	4 hours/week
Prerequisite	None		
Anti-requisite	None		
Aims			
Towards the completion of this module, students should be able to:			
<ul style="list-style-type: none"> • Explain the role of chemistry in everyday life • Relate function of additives in manufactured food/goods • Assess the risk of some drugs and other chemicals 			
Learning Outcomes:			
<i>On successful completion of this module, a student will be expected to be able to:</i>			
Lower order :	40%	- Explain the role of chemistry in everyday life - Know the composition of various chemicals such as food, fertilizer, pesticide, medicines and many more	
Middle order :	40%	- Relate the function of additives in manufactured food/goods	
Higher order:	20%	- Assess the risk of some drugs and other chemicals consumed or the people exposed to	
Module Contents			
- Roles of chemistry in daily life: foundation concepts in chemical toxicology and risk assessment on use of chemicals in industry.			
- Chemistry of natural and commercial products: food industry, fertilizers, trace elements, hormones and pesticides, food additives, cosmetics, personal hygiene items, cleaning products and setting materials; paints, adhesives, resins and cements.			
- Nutritional contents of food.			
- Drugs: development, regulation and mode of action.			
Assessment	Formative assessment	Group works and discussion of topics for presentation and problem based learning (PBL)	
	Summative assessment	Examination: 60%	
		Coursework: 40%	
		- 3 written reports (15%)	
		- 2 oral Presentations (10%)	
		- 3 class Tests (15%)	