

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Natural Chemistry
Course number	CHEM4228
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - To give the student knowledge of natural product compounds.
2 - To give the student good knowledge all methods of separation and purification of natural products.
3 - To familiarize the student of all methods of structure elucidation both chemical and spectral

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * The student is expected to have good knowledge of the chemistry of terpenes, alkaloids and steroids . * The student is expected to have good knowledge of structure elucidation of new compound natural or synthetic
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Course Contents

1 - This course offers study of chemistry of natural product compounds with emphasis on three families of natural products including terpenes, alkaloids, and steroids, The study concentrate on methods of separation, and purification and also chemical methods of structure elucidation.
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Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First midterm 20%		
Second midterm 20%		
Quizzes and home works 10%		