Majmaah University
Deanship of Quality and Skills Development

College : Zulfi Education College
Department : Chemistry

Code MUP16

Program and module learning outcomes

CHEM421: Module Code

Sudents will have a knowledge about the basic concepts of natural products , their importance , medical uses , methods of extraction and identifying them , with more focus on the natural plant products . Students should be able to classify the different types of natural products. .	1
Students comprhend the different structural compositions of natural products , their classification according to different theories. In addition , students should be able to distinguish between the different structural compositions of different groups.	2
Students know the vital metabolic processes by which natural products are consisted such as secondary metabolism products and some of their interactions	3
The student has the ability to discuss scientifically the theoretical concepts of natural products	4
Students will develop their thinking skills and their ability to use information and concepts of natural products chemistry in real life.	5
Students acquire creative and analytical thinking skills , the ability to analyse and interpret results and the ability to evaluate data in the dyes chemistry field.	6
Students practice conversational skills , effective influence and group leading . Students , also, should be able to be responsible for their own learning.	7
Students master communication skills - both oral and in written , be able to perform calculations , to use computer technology in the field of dyes and prepare and give presentations .	8

Map

D.3	D.2	D.1	C.5	C.4	C.3	C.2	C.1	B.6	B.5	B.4	B.3	B.2	B.1	A.4	A.3	A.2	A.1	Number of learning outcomes
																		1

																		2
																		3
																		4
																		5
																		6
																		7
																		8

Achieved	Meanings of colors
Not achieved	