

Al Majmaah University
Deanship of Quality and skills improvements

Matrix of Consistency between the learning outcome and the courses

Model Code: MUP012

Faculty: Az Zulfi College of Education

Department: Chemistry

Program: Chemistry

Course	A _{NCAAA}				B _{NCAAA}						C _{NCAAA}					D _{NCAAA}			E _{NCAAA}			
	A1	A2	A3	A4	B1	B2	B3	B4	B5	B6	C1	C2	C3	C4	C5	D1	D2	D3				
	CHEM111																					
EDU 116																						
EDU 117																						
EDU 118																						
MATH 111																						
PHYS 111																						
CHEM121 121																						
CHEM122 122																						
COMP125 125																						
EDU 126																						
MATH123 123																						
STAT 101																						
CHEM211 211																						
CHEM2122122122																						
CHEM213213213																						

A: Knowledge skills.

B: knowledge skills

C: Communication and leadership skills

D: Communication and IT skills

E: Psychological skills.

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EDU 216																		
EDU 217																		
PHYS 123																		
CHEM221																		
CHEM222																		
CHEM223																		
CHEM224																		
CHEM225																		
EDU 226																		
CHEM311																		
CHEM312																		
CHEM314																		
CHEM315																		
CHEM316																		
EDU316																		

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	EDU317																		
CHEM321																			
CHEM322																			
CHEM323																			
CHEM324																			
EDU 326																			
EDU 327																			
CHEM411 411																			
CHEM411 412																			
CHEM411 413																			
CHEM411 414																			
EDU 416																			
EDU 417																			
CHEM421 421																			
CHEM421 422																			
EDU426																			
CHEM421 423																			
CHEM421 421																			

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Field	Code	Learning Outcome
A	A1	The program aims at equipping students with a sound and comprehensive knowledge of the field.
	A2	Covering the major principles and theories in the field and other related areas, as well as that of profession.
	A3	Being aware of the latest developments in his field of study and of the ways that can be used to develop his field.
	A4	Programs that prepare students for professions, students should know the laws and regulations of those jobs.
B	B1	Being able to discover facts and to analyze, understand and employ new concepts from different sources.
	B2	Being able to apply the new results to his field.
	B3	Being able to investigate complex matters using IT and other information materials.
	B4	Suggest innovative solutions to these matters in accordance with theoretical frameworks.
	B5	Applying the acquired academic skills to professional and academic contexts.
	B6	Acquiring the ability to use procedural methods in light of the appropriate theories.
C	C1	Acquiring the ability to use conventional procedural methods appropriately in professional contexts
	C2	Ability to assume a leading role in different circumstances.
	C3	Taking the initiative to identify urgent problems and solve them.
	C4	Students should be responsible for their self-development and academic performance and able to use new materials.
	C5	Showing high commitment to work ethics in accordance with Islamic values.
D	D1	Identify mathematical and statistical methods when solving problems and use them innovatively when suggesting solution
	D2	Communicating effectively both in writing and in speaking in different circumstances and to different
	D3	Integrating and appropriating IT in the collection, analysis and transfer of data and ideas on a regular basis.
E		Psychometric skills in using printing, surgery and research facilities.