

Al Majmaah University Deanship of Quality and skills improvements



Program Schedule

Faculty: Az Zulfi College of Education

Department: Chemistry

Model Code: MUP10 Program: Chemistry

•	culty Prog	gram	Program	Learning outcomes of the	Program Code
Mission Miss	ssion Miss	sion	Objectives	Program	
learning teacl	C	inguished cation	Achieving Academic excellence in accordance with quality standards	The program aims at equipping students with a sound and comprehensive knowledge of chemistry. Covering the major principles and theories in the field of chemistry.	CHEM111))), MATH, CHEM121, CHEM122STAT1 01 CHEM312 + CHEM314 + CHEM315 + CHEM316 + CHEM321, CHEM322 + CHEM323 + CHEM324 + CHEM411 CHEM412 + CHEM413 + CHEM414 + CHEM421 + CHEM422 CHEM423 + CHEM111 + CHEM424 + CHEM225 + CHEM211 + CHEM212 + + < + CHEM223 CHEM221 + CHEM222 + CHEM223 + CHEM224 CHEM111))) + MATH + CHEM121 + CHEM122STAT101 CHEM312 + CHEM314 + CHEM315 + CHEM316 + CHEM321 + CHEM322 + CHEM323 + CHEM324 + CHEM411 CHEM412 + CHEM413 + CHEM414 + CHEM421 + CHEM412 + CHEM413 + CHEM424 + CHEM425 CHEM423 + CHEM111 + CHEM424 + CHEM225

			CHEM211 · CHEM212· · < ·CHEM213 CHEM221· CHEM222· CHEM223· · CHEM224
			CHEMIZZI, CHEMIZZZ, CHEMIZZS, CHEMIZZ4
		Introducing students to the prominent teaching methods and approaches in relation to chemistry.	CHEM111 ¹¹¹¹ MATH ⁴ CHEM121 ⁴ CHEM122STAT101 CHEM312 ⁴ CHEM314 ⁴ CHEM315 ⁴ CHEM316 ⁴ CHEM321 ⁴ CHEM322 ⁴ CHEM323 ⁴ CHEM324 ⁴ CHEM411 CHEM412 ⁴ CHEM413 ⁴ CHEM414 ⁴ CHEM421 ⁴ CHEM422 CHEM423 ⁴ CHEM111 ⁴ CHEM424 ⁴ CHEM225 ⁴ CHEM421 ⁴ CHEM211 ⁴ CHEM221 ³ CHEM221 ⁴ CHEM221 ⁴ CHEM222 ⁴ CHEM223 ⁴ CHEM222 ⁴
		Make students discover the scientific facts and theories in the field of chemistry	CHEM111+ + CHEM121+ CHEM122STAT101 CHEM312 + CHEM314+ CHEM315 + CHEM316 +CHEM321+ CHEM322 + CHEM323+ CHEM324 +CHEM411 CHEM412 + CHEM413+ CHEM421 +CHEM422 CHEM423 + CHEM11 + CHEM424 + CHEM225 +CHEM211 + CHEM212+ + < +CHEM223 CHEM221+ CHEM222+ CHEM223+ + CHEM224
		 Applying the acquired academic skills to professional and academic contexts. Mastering written and oral communication skills that ensure effective lesson delivery in the field of chemistry. Integrating IT in the 	EDU116' EDU117DU118 ' DU126 'E DU216 E DU217 ' CHEM221' CHEM222' CHEM223' CHEM224 CHEM225 CHEM312 ' CHEM314' CHEM315 ' CHEM316' CHEM321' CHEM322 ' CHEM323' CHEM324 'CHEM411 CHEM412 ' CHEM413' CHEM414' CHEM421 'CHEM422 CHEM423 ' CHEM111 ' CHEM424 ' CHEM225

			collection, analysis and transfer of data and ideas. -Applying statistical and other mathematical methods to problem-solving in relation to chemistry.	
Advanced	Knowledge	To participate	-Acquiring a sound and	CHEM111111 MATH CHEM121 CHEM122STAT101 CHEM312 CHEM314 CHEM315 CHEM316
research	and	in the	comprehensive knowledge of	•CHEM321• CHEM322 • CHEM323• CHEM324 •CHEM411
services	innovation	advancement	chemistry.	CHEM412 · CHEM413 · CHEM414 · CHEM421 ·CHEM422
		of knowledge	-Covering the major	CHEM423 · CHEM111 · CHEM424 · CHEM225 · CHEM211 · CHEM212· · < · CHEM213 CHEM221 · CHEM222 · CHEM223 · CHEM224
		through	principles and theories in the	CHEM221 CHEM222 CHEM223 CHEM224
		seminars,	field of chemistry.	
		workshops and	-Discovering the scientific	
		publications.	facts and theories in the field	
			of chemistry.	
			-Explaining, analyzing and	
			criticizing results.	
			-Practicing analytical and	
			creative thinking in problem-	
			solving.	
		Integrating IT	-Applying the acquired	

			in curriculum	academic skills to	
			design in	professional and academic	
			relation to	contexts.	
			Chemistry.	-Acquiring the ability to use	
				procedural methods in light	
				of the appropriate theories.	
				-Ability to assume a leading	
				role and to suggest solutions	
				to current issues.	
				-Taking the initiative to	
				identify urgent problems and	
				solve them.	
				- Communicating effectively	
				both in writing and in	
				speaking in different	
				circumstances and to	
				different audiences.	
				- Integrating and	
				appropriating IT in the	
				collection, analysis and	
				transfer of data and ideas.	
Academic	Competition	Distinguished	Prepare	-Equipping students with a	CHEM111111 MATH: CHEM121: CHEM122STAT101 CHEM312: CHEM315: CHEM316:

Competition	in the	Graduates	national	sound and comprehensive	•CHEM111 · CHEM424 · CHEM225 •CHEM211 · CHEM212· · < •CHEM213
	building of		competences in	knowledge of chemistry.	CHEM221+ + CHEM223+ + CHEM224
	knowledge		the field of	- Covering the major	
	society.		chemistry who	principles and theories in the	
			contribute to	field of chemistry.	
			the making of	- Discovering the scientific	
			society,	facts and theories in the field	
			development	of chemistry.	
			programs	Explaining, analyzing and	
			insofar as	criticizing results.	
			education,	- Practicing analytical and	
			health,	creative thinking in problem-	
			industry and	solving.	
			scientific	- Applying the acquired	
			research are	academic skills to	
			concerned.	professional and academic	
				contexts.	
				- Acquiring the ability to use	
				procedural methods in light	
				of the appropriate theories.	
				-Acquiring the ability to use	
				conventional procedural	

	methods appropriately in
	professional contexts.
	- Taking the initiative to
	identify urgent problems and
	solve them.
	- Showing high commitment
	to work ethics in accordance
	with Islamic values.
	- Communicating effectively
	both in writing and in
	speaking in different
	circumstances and to
	different audiences.
	- Integrating and
	appropriating IT in the
	collection, analysis and
	transfer of data and ideas on
	a regular basis.
	- Applying statistical and
	other mathematical methods
	to problem-solving in
	relation to chemistry.

Professional	Professionals	Meeting the	Serving state	- Covering the major	CHEM121 CHEM122STAT101
Responsibility	&	needs of	and private	principles and theories in the	• •CHEM315 • CHEM316• CHEM321• • • CHEM324 CHEM412•• • CHEM421• CHEM423 • CHEM111 • CHEM424• •CHEM211• • • < • •CHEM213
	researchers	work market.	sectors by	field of chemistry.	
			increasing	- Applying the acquired	CHEM221 · · CHEM223 · ·
			people's	academic skills to	
			awareness of	professional and academic	
			chemistry and	contexts.	
			exchange	- Ability to assume a leading	
			programs.	role and to suggest solutions	
				to current issues.	
				-Observing work ethics in	
				accordance with Islamic	
				values.	
				- Communicating effectively	
				both in writing and in	
				speaking in different	
				circumstances and to	
				different audiences.	
				- Integrating and	
				appropriating IT in the	
				collection, analysis and	
				transfer of data and ideas on	

		a regular basis.	
Social	Serving state	Covering the major	CHEM111.4 CHEM122STAT101
Partnership	and private	principles and theories in the	CHEM312 · · · · · CHEM324· CHEM411 CHEM412· · · CHEM422 CHEM423 · · CHEM225
	sectors by	field of chemistry.	•CHEM223 • CHEM223 •CHEM211 • CHEM212• • <• CHEM221• • CHEM223• •
	increasing	- Applying the acquired	
	people's	academic skills to	
	awareness of	professional and academic	
	chemistry and	contexts.	
	exchange	- Ability to assume a leading	
	programs.	role and to suggest solutions	
		to current issues.	
		-Observing work ethics in	
		accordance with Islamic	
		values.	
		- Communicating effectively	
		both in writing and in	
		speaking in different	
		circumstances and to	
		different audiences.	