

Faculty Core Skills

Model Code: MUP08

Faculty: Az Zulfi College of Education

Department: Chemistry

Program: Chemistry

	Learning Outcome: Attaining a comprehensive understanding of the basic principles and theories related to chemistry and acquiring the skills required for the teaching and learning of chemistry.	
Key Performances (KPI'S)	KP1	Gaining knowledge of the major skills and approaches to the teaching of chemistry
	KP2	Mastering the implementation techniques related to chemistry in different learning situations.
	KP3	Developing a positive outlook to teaching.
	KP (...)	Putting the theoretical knowledge into practice in problem-solving.

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	Learning Outcome: Surveying the latest educational and psychological developments and research related to problem solving.	
Key Performances (KPI'S)	KP1	Developing and mastering the educational and scientific competences that ensure effective teaching performance in the future.
	KP2	Finding a compromise between research methods and types and knowing how to implement them in teaching .
	KP3	Developing critical thinking in solving the challenges and the issues of the teaching profession.

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	Learning Outcome: Students should display a good deal of commitment to work ethics according to Islamic values and show a good understanding of the laws and regulations that govern the field as well as a readiness to keep up with the changes of these regulations.	
Key Performances (KPI'S)	KP1	Observing work ethics on and off campus.
	KP2	Executing administrative and academic regulations on and off campus

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	Learning Outcome: Implementing the acquired knowledge and skills in different academic situations related to chemistry.	
Key Performances (KPI'S)	KP1	Analyzing the knowledge, theories, principles and skills related to chemistry teaching.
	KP2	Using the latest assessment methods in assessing the learning outcomes.
	KP3	Implementing the latest teaching strategies in the teaching of chemistry.

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	Learning Outcome: Assuming a leading role in different situations and finding effective solutions to the major issues as well as effectively identifying classroom issues and problems.	
Key Performances (KPI'S)	KP1	Setting and enhancing work rules inside the group.
	KP2	Using the latest teaching methods and technologies effectively in problem-solving.
	KP3	Maintaining inter-students communication in teamwork.

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	Learning Outcome: Developing positive attitudes towards teaching, discovering personal assets and observing work ethics in accordance with social values and customs .	
Key Performances (KPI'S)	KP1	Relying on self-learning techniques to achieve personal and professional developments.
	KP2	Improving professional performance on a regular basis to keep up with the new trends of professional development..
	KP3	Explaining and enhancing Islamic values and work ethics .

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	Learning Outcome: Using IT in lesson planning, data collection and knowledge transfer.	
Key Performances (KPI'S)	KP1	Reviewing the new inventions in IT.
	KP2	Using IT in designing and delivering lessons as per students' personal needs.
	KP3	Developing a positive Teacher Belief System (TBS) towards IT.

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	Learning Outcome: Rethinking classroom management in accordance with academic, educational and psychological principles.	
Key Performances (KPI'S)	KP1	Organizing a favorable classroom environment for the learning process..
	KP2	Planning and monitoring educational situations respecting the different learning processes.
	KP3	Analyzing and implementing classroom environment models .