

Proposed research priorities from 2025-2030

College	Science	Department	Chemistry
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1. Research priorities adopted by the academic department	
<ol style="list-style-type: none"> 1. Water Production and Management 2. Environmental Sustainability and Agriculture 3. Public Health 4. Petrochemicals and Refining 5. Renewable Energy 	

2. Importance of the topics of the priorities	
<ol style="list-style-type: none"> 1. Water resource management is essential to ensure the availability of sufficient freshwater, which contributes to increased crop yields and the protection of ecosystems. 2. Environmental sustainability ensures the management of freshwater, soil, and forests in a way that protects them from depletion. 3. It contributes to combating infectious diseases through vaccinations and monitoring, and preventing chronic diseases (such as diabetes and heart disease) by promoting a healthy lifestyle. 4. Oil and gas are transformed into vital products such as fuels, plastics, fertilizers, and pharmaceuticals. These industries contribute to maximizing the added value of natural resources, generating jobs, and supporting industrial and technological growth, with a strategic focus on enhancing energy security and reducing emissions. 5. It reduces dependence on imported fossil fuels, providing energy independence and protecting against geopolitical price volatility. 	

3. Expected results from the priorities	
<ol style="list-style-type: none"> 1. Publishing scientific research in prestigious journals in the field of water production and management 2. Publishing scientific research in prestigious journals in the field of environmental sustainability and agriculture 3. Publishing scientific research in prestigious journals in the field of public health 4. Publishing scientific research in prestigious journals in the field of petrochemicals and refining 5. Publishing scientific research in prestigious journals in the field of renewable energy 	