



Theses and dissertations in Chemistry Department in the year 2025-2026

No.	Student Name	Degree	Thesis / Dissertation Title	Supervisor Name	Defense Date
1	Waleed Khalid Ghanim	Master	Synthesis and Characterization of Fused-Ring Heterocyclic Compounds Using Some Nanometal Catalysts and Investigation of Their Biological Activity	Muhannad Yaqdhan Saleh	3/9/2025
2	Anfal Abdul Karim Mohammed	Master	Development of Indirect Spectroscopic and Fluorometric Methods for the Determination of Several Antihypertensive Pharmaceutical Compounds	Zina Zuhair Saleh	7/9/2025
3	Amer Younis Othman	Ph.D.	Synthesis and Characterization of Some Heterocyclic Compounds Using Certain Catalysts (Nanocatalysts) and Evaluation of Their Biological Activity	Muhannad Yaqdhan Saleh / Khalid Ahmed Owaid	15/9/2025
4	Tabarak Arif Abdulwahid	Master	Spectrophotometric Determination of Doxorubicin and Dobutamine	Omar Abdulhay Mohammed	28/10/2025
5	Mohammed Abdulrazzaq Mahdi	Master	Experimental and Theoretical Preparation and Study for Comparing the Ionization Constants of Several Amino Acid Derivatives	Noor Hazim Mohammed Thalji	16/11/2025
6	Wasn Zuhair Ahmed	Master	Evaluation of the Effect of Linoleic Acid Isolated from Ashwagandha Extract, and Study of the Neurotransmitter Acetylcholine and Some Biochemical	Lama Abdulmunim Bakr	18/11/2025



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			Variables in Rats with Induced Neurodegeneration		
7	Hadeel Mohsen Taha	Master	Synthesis, Characterization, and Biological Activity Study of Several Heterocyclic Compounds Derived from Lipoic Acid	Intisar Qahtan Mahmoud	24/11/2025
8	Mahmoud Mohammed Tayyib Ahmed	Ph.D.	Synthesis and Characterization of Several Polycyclic Heterocyclic Compounds and Measurement of Their Biological Activity	Muhannad Yaqdhan Saleh	28/12/2025
9	Alaa Jasim Mohammed	Ph.D.	Application of Artificial Intelligence to Assess Groundwater in Tel Kaif District and Treat It Using Synthetic and Natural Zeolites	Ragheed Yousif Ghazal / Mohammed Hazim Sabri	16/2/2026
10	Mushtaq Saad Younis Mohammed	Ph.D.	A Thermodynamic Study of Complexes Derived from Certain Divalent Elements with Drugs: Experimental and Theoretical Investigations and Evaluation of Biological Activity	Mohammed Mahmoud Hussein / Jasim Mohammed Elias	1/3/2026
11	Abeer Nabeel Hamdoon Mahmoud	Ph.D.	Synthesis of Some Heterocyclic Compounds Derived from Paracetamol and Study of Their Biological Activity	Ahmed Khudr Ahmed / Omar Dhnoon Ali	3/3/2026
12	Hudhaifa Iyad Rasheed Mohammed	Ph.D.	Biochemical and Histological Variables in Male Albino Rats with Induced Diabetes Mellitus	Mohammed Abdulhadi Jasim	16/3/2026



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13	Ahmed Ali Younis	Ph.D.	Theoretical and Computational Study of the Ionization Constants of Several Azo Compounds Derived from Carboxylic Acids Using Quantum Mechanical Methods, and Investigation of Their Biological Activity by Molecular Docking	Imad Abdulilah Saleh / Zahida Ahmed Najm	26/3/2026
14	Ali Mohsen Mohammed	Master	The Effect of the Gradual Activities Strategy on the Chemistry Achievement and Inquiry Thinking of Second-Grade Intermediate School Students	Mohammed Jasim Mohammed / Qaidar Salim Jarjees	11/5/2026
15	Musa Mahdi Saleh Khudair	Master	Synthesis and Characterization of Several Schiff Bases Derived from Some Substituted Aromatic Carbonyl Compounds as Chelating Agents with Selected Divalent Metal Ions, and Study of Their Biological Activity	Fadia Jalal Ahmed	8/6/2026
16	Jasim Mohammed Ahmed Mohammed	Master	The Effect of the Two-Situation Learning Model in Chemistry Teaching on Developing Chemical Concepts and Analytical Thinking among Second-Grade Intermediate School Students	Mahmoud Abdul Salam Mohammed / Mohammed Yahya Damra	9/6/2026
17	Mohammed Wissam Yousif	Master	A Spectroscopic and Electrical Study of the Adsorption of Some Dyes Using Local Clays	Safwan Abdul Sattar	11/6/2026