Vision

Department of Chemistry

aims to provide innovative programs in both academic sector and scientific research that serve the needs of the local community and able to compete on regional and international levels.

Mission

To provide qualified and innovative undergraduate and graduate chemists to meet the needs of the labor marketplace in the various areas of chemistry. Moreover, seeking cooperation with industry and community towards sustainable



Department of Chemistry

has many instruments for research and teaching purposes

Facilities include:

- Nuclear Magnetic Resonance (NMR) Analysis:
- Elemental Analysis
- Thermal Analysis
- •FTIR
- Atomic Absorption spectrophotomer
- Uv-vis spectrophotometers
- •HPLC
- •GC
- Diode-Array spectrophometer
- Stopped-Flow spectrophotometer
- Potentiostat
- Magnetic Susceptibility balance
- Automated Soil phase extractant
- Water bath circulators
- •Fluorescence Spectrofluorometer

For more information about the degree plan, research, facilities or to request a copy of our student guide, please visit our website at https://hu.edu.jo/fac/dept/Default.aspx?depti d=51030000

Department Information

Phone: +962(5)390333-4148 Fax: +962(5)3903349 E-mail: chem@hu.edu.jo P.O. Box 330127, Zarqa 13133, Jordan



Faculty of Science Department of Chemistry

Department of Chemistry was established in the same year in which the University was founded.

Department offers a bachelor's and a master's degree in Chemistry.

The department has (22) faculty members, (4) teaching and assistants, and (6) technicians

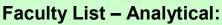


Analytical Chemistry

Electrochemistry.
Environmental analytical chemistry.
Development of new

Development of new analytical methods.

Pharmaceutical analysis.



Prof. Jamal A.S. Sweileh

Prof. Amjad. H. M El- Sheikh

Dr. Ayman A. A. Issa

Dr. Yahya S. A. Al-Degs

Dr. Ismail I.M. Alfasfous

Dr. Jafar I. M. Abdelghani

Dr. Zaher A. A. Algharaibeh



Inorganic Chemistry

Coordination chemistry
Green chemistry and
environmental studies
Development of new analytical
methods
Metal organic frameworks MOF

Metal organic frameworks MOFs

Organometallics

Material chemistry

Polymers and MIP

Faculty List - Inorganic:

Prof. Ahmad S. A. Abu-Shamleh

Prof. Adnan M. S. Abu-Surrah

Prof. Mousa Z. Q. Noaimi

Dr. Mahmoud S. A. Sunjuk

Dr. Hajem F. T. Bataineh



Faculty List – Physical:

Prof. Hamzeh . M .A .Abdel-Halim Prof. Musa I. M. El-Barghouthi

Dr. Jamal . N. E. Dawoud

Dr. Ala' Fakhri A. Z. Eftaiha

Dr. Lubna Ryad M. Al Rawashdeh

Organic Chemistry

Heterocyclic chemistry Carbohydrate chemistry



Faculty List - Organic:

Prof. Kayed A.Z. Abu Safieh

Dr. Bader A. B. Salameh

Dr. Abdullah I . Y . Saleh

Dr. Majed H. M. Shtaiwi

Dr. Eyad Ahmad M. Younes

Physical Chemistry

Theoretical chemistry Reaction mechanisms.

Thermodynamics.

Kinetic studies.

Laser spectroscopy.

