

## Curriculum Vitae



### Personal information

V  
First name(s) / Surname(s) **Enas Mahmoud**  
Address(es) Al-Zawahera, Zarqa, Jordan  
Mobile(s) +962 79 5831222  
E-mail [enas@hu.edu.jo](mailto:enas@hu.edu.jo)  
Nationality Jordanian  
Date of birth 19<sup>st</sup>, July, 1979  
Gender Female

### Desired employment / Occupational field

I am looking for a long-term lecturer position that would give me the opportunity to progress further.

### Publications

- 1- 'An efficient atom-economical chemoselective CO<sub>2</sub> cycloaddition using lanthanum oxide/tetrabutyl ammonium bromide', pp 1342-1349, Vol 2(6), 2018 Sustainable Energy & Fuels
- 2- 'Pentaerythritol-Based Molecular Sorbent for CO<sub>2</sub> Capturing: A Highly Efficient Wet Scrubbing Agent Showing Proton Shuttling Phenomenon', pp 8407-8414, Vol 31 (8), 2017, Energy Fuels,
- 3- 'Heterogeneous Photocatalysis of Methomyl and Metalaxyl using TiO<sub>2</sub> supported over Activated Carbon', p 33-40, Vol. 18(5) May (2014) Res. J. Chem. Envi

### Work experience

Lecturer, Researcher Assistant and Teaching Assistant

Dates Feb, 2009- up to now  
Occupation or position held Lecturer  
Main activities and responsibilities Teaching Chemistry laboratory courses (General Chem. Lab, physical lab, instrumental lab Systematic Lab., inorganic Lab. and Analytical Lab.)  
Name and address of employer Chemistry Department, Hashemite University  
Type of business or sector Public sector (Hashemite university)

Dates Nov, 2006 – Feb, 2009  
Occupation or position held Teaching assistant  
Main activities and responsibilities Teaching Chemistry laboratory courses (General Chem. Lab, physical lab, instrumental lab Systematic Lab., and Analytical Lab.)

Name and address of employer	Chemistry Department, Hashemite University
Type of business or sector	Public sector (Hashemite university)
Dates	July, 2003 – Sep, 2007
Occupation or position held	Researcher Assistant
Main activities and responsibilities	Entrepreneurial Project between; The Hashemite University (HU) & Veterinary & Agricultural Products Manufacturing Company (VAPCO) to buildup a wastewater treatment unit, the project title was ' <i>Selected Treatment Methods of Wastewater From Pesticide Producing Plant</i> '
Name and address of employer	Prof. Dr. T. Akasheh (Hashemite university/chemistry department) Dr. K. M. Ibrahim-Khader. (Hashemite university/Enveronmental and Earth department)
Type of business or sector	Public sector (Hashemite university)
Dates	Aug, 2001 – June 2003
Occupation or position held	Researcher Assistant
Main activities and responsibilities	the project title was ' <i>Ion Exchange Properties of the Neogene Faujasite Tuff of Jordad</i> '
Name and address of employer	Prof. Dr. T. Akasheh (Hashemite university/chemistry department) Dr. K. M. Ibrahim-Khader. (Hashemite university/Enveronmental and Earth department)
Type of business or sector	Public sector (Hashemite university)

## Education and training

Dates	2001-2005
Title of qualification awarded	Master degree in Chemistry
Principal subjects/occupational skills covered	Thesis title Photocatalytic Degradation of pesticides residues in Wastewater, Using Sunlight and UV-radiation and both H <sub>2</sub> O <sub>2</sub> and TiO <sub>2</sub> as Catalysts  Got experience in degradation technique, kinetic study and using several instrimant *HPLC, ASS and GC) Thinking ability to solve problems and develop in the search project, ability to work under pressure and work with team
Name and type of organisation providing education and training	Hashemite University
Level in national or international classification	5 <sup>th</sup> with in jorda
Dates	1997-2001
Title of qualification awarded	Bachelor degree in Chemistry
Principal subjects/occupational	Chemistry
Name and type of organisation providing education and training	Hashemite University

Level in national or international classification

5<sup>th</sup> with in Jordan

### Personal skills and competences

Mother tongue(s)

**Arabic**

Other language(s)

**English**

Self-assessment

*European level (\*)*

**Language**

**Language**

Understanding		Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production	
	v. good		v. good		v.good		v/good

Referees and Contact Persons

Dr. Talal Akasheh (Professor), chemistry department, Hashemite universty, [takasheh@index.com.jo](mailto:takasheh@index.com.jo)

Dr. Musa El-Barghouthi, (Associate professor), chemistry department, Hashemite universty, [musab@hu.edu.jo](mailto:musab@hu.edu.jo)

Dr. Alaa Fakhri A.Z Eftaiha (Associate professo), chemistry department, Hashemite universty, [alaa.eftaiha@hu.edu.jo](mailto:alaa.eftaiha@hu.edu.jo)

Dr. Khalil Khader, (Associate professor), Geology department, Hashemite universty, , [ibrahim@hu.edu.jo](mailto:ibrahim@hu.edu.jo)