

Al al-Bayt University
Environmental Analytical Chemistry (403434)

Lecturer: Prof. Dr. Hutaf Baker

Department of Chemistry

- 1- Introduction to the basics of environmental chemistry.
- 2- The topics cover biogeochemical cycles of:-
 - a- Sulfur
 - b- Nitroge
 - c- Oxygen,
 - d- Carbon,
 - e- Phosphorus
 - f- And trace metals.
- 3- Selected environmental problems of global concern such as acid rain, greenhouse effect, depletion of stratospheric ozone, and nuclear winter.
- 4- Recent analytical methods for the determination of pollutants in water and atmosphere will be described.

Evaluation

- ***First Exam: 25%. After about six weeks,***
- ***Second Exam: 25%. After about twelve weeks,***
- ***Final Exam. 50%. To be determined.***