

Environmental Chemistry Certification

Chemistry Department - UPR-Mayagüez

[18 credits in total]

- **CORE COURSES [12 credits]**

- QUIM 3085 ENVIRONMENTAL CHEMISTRY (3crs)
- QUIM 3086 ENVIRONMENTAL CHEMISTRY LABORATORY (1cr)
- QUIM 5005 METHODOLOGY OF ENVIRONMENTAL CHEMICAL ANALYSIS (3crs)

and

- QUIM 5066 TOXICOLOGICAL CHEMISTRY (3crs)

or

- QUIM 5175 EXPLOSIVES DETECTION AND ANALYSIS (4crs)

and

- QUIM 4998/4999 * UNDERGRADUATE RESEARCH I (1 or 2 crs) or QUIM4997 (3crs) [CO-OP Practice]

* Research must be related to environmental area and will be certified by the research Advisor

- **ELECTIVE COURSES^ [6 credits]**

- INTD 4995 FIRST INDUSTRIAL EXPERIENCE (3 crs)
- AGRO 3005 GENERAL SOILS (3 crs)
- AGRO 5008 SOILS OF PUERTO RICO (3 crs)
- METE 4006 INTRODUCTORY TO METEOROLOGY (3 crs)
- GEOL 3025 EARTH SCIENCES (3 crs)
- GEOL 3026 LIFE IN THE PAST (3 crs)
- GEOL 3027 GEOLOGICAL ASPECTS OF THE ENVIRONMENTAL SCIENCES (3 crs)
- GEOL 3105 IMAGES OF PLANET EARTH (3crs)
- TMAG 4039 AGRICULTURAL WASTE MANAGEMENT (3 crs)
- TMAG 4038 AGRICULTURAL HYDROLOGY. (3 crs)
- SOCI 5015 ENERGY, ENVIRONMENT, AND SOCIETY (3 crs)



^Elective courses should be selected from two different Departments. Other courses related to the environmental area could be considered.