

Biochemistry Certificate

Chemistry Department - UPR-Mayagüez

[24 credits in total]

- **CORE COURSES [18 credits]**

- Biol 3051 General Biology I (4 crs)
- Biol 3052 General Biology II (4 crs.)
- Quim 5071 General Biochemistry I (3crs)
- Quim 5072 General Biochemistry II (3crs)
- Quim 5073 General Biochemistry Laboratory I (1 cr)

One of the following courses (3 crs) (*The other two courses could be taken as elective courses*)

- Quim 5065 Chemistry of Synthetic Drugs
- Quim 5066 Toxicological Chemistry
- Quim 5205 Pharmaceutical Analytical Chemistry

- **ELECTIVE COURSES [6 credits]**

- Quim 5074 General Biochemistry Laboratory II (1 cr)
- Quim 4399 Selected Topics in Chemistry (1 - 3 crs)
- Quim 4998/4999 * Undergraduate Research I (Maximum 3 crs.)
 - * Undergraduate research must be related to biochemistry area and will be certified by the research Advisor
- Biol 3010 Cell Physiology (3 crs)
- Biol 5055 Eukaryotic Molecular Genetics (3 crs)
- Biol 5758 Bacterial Genetics (2 crs)
- Biol 5056 Eukaryotic Molecular Genetics Lab (2 crs)
- Biol 5759 Bacterial Genetics Lab (2 crs)

