

TOXIC PLANTS

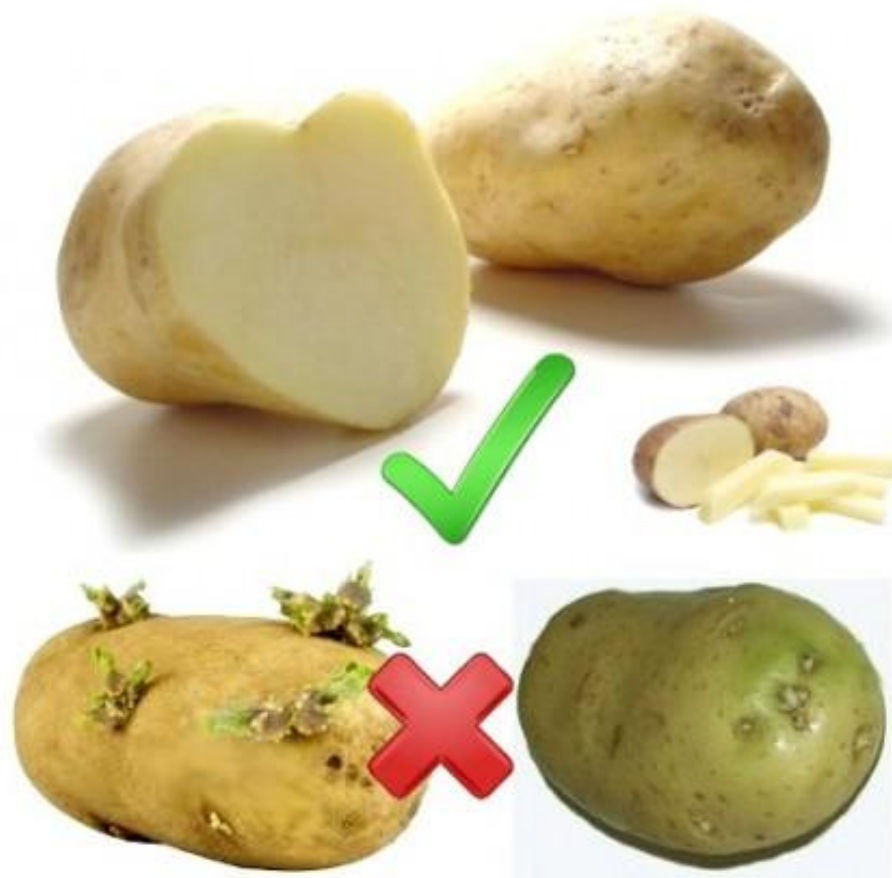


OBJECTIVE OF THE COURSE

This elective aims to introduce students to the main classes of toxic compounds found in plants, their mechanisms of action, and their relevance to human health.

WHAT WILL BE PRESENTED?

- Overview of plant-derived toxins and their classification (alkaloids, glycosides, terpenes, etc.).
- Mechanisms of toxicity and the affected physiological systems (neurotoxicity, hepatotoxicity, cardiotoxicity, etc.).
- Common toxic plants in the local flora and their clinical significance.
- Case studies of plant poisoning in humans and animals.
- Analytical methods used to detect and identify plant toxins.
- Traditional vs. modern use of toxic plants in medicine and pharmacology.
- Legal and safety regulations regarding toxic plant exposure and use.



WHY IS THIS ELECTIVE COURSE USEFUL?

This course provides essential knowledge for healthcare students, helping them understand toxic risks in natural compounds and preparing them for clinical, forensic, or research applications.

