

Discipline	Health Sciences
Title of the course	Phytochemistry of active compounds
Code	Code de l'UE
Duration Date start Date end	<ul style="list-style-type: none"> - 6 ECTS - 3rd semester of Master (exact time schedule to be determined: September to December) - 52 hours Labwork per student
Course coordinator and contact details	<ul style="list-style-type: none"> - Tristan Richard tristan.richard@u-bordeaux.fr - Pierre Waffo-Teguo pierre.waffo-teguo@u-bordeaux.fr
Other contact person	- Florence Lartigaut florence.lartigaut@bordeaux.inra.fr
Mode of delivery	- in-class lecture, seminars, flipped classroom, work group
Level	- Master
ECTS credit points	- 48h in class
Language	- French
Description¹	<ul style="list-style-type: none"> - Principles on analytical and instrumental methodology in natural products investigations. This encompasses methods and techniques relevant to the extraction, separation, purification, identification and evaluation (qualitative and quantitative). - Principles of Toxicology and Pharmacology of natural compounds
Content	<p>Phytochemistry and pharmacognosy of natural compounds:</p> <ul style="list-style-type: none"> - Extraction, isolation, purification - Identification and quantification - Molecular interactions - Bioavailability and pharmacology - Toxicology
Methods	- Lectures, seminar, scientific paper analysis, and oral présentation
Assessment procedures	<ul style="list-style-type: none"> - Exams (oral and written) that are taken in one go in December - written exam: 1h30 - scientific group presentation - Rules and protocol for failure: Overall grade of 10/20 necessary to pass the exam
Prerequisites	<ul style="list-style-type: none"> - 1st year of Master in Biological science - 1st year of Master in natural products chemistry - 1st year of Master in Food chemistry - Language prerequisites: French (Level B2)
Other information	- Maximum number of students : 15

Please note that the number of places available may be limited for certain classes.