

	Implementation schedule	Physically/remotely	Workload (hours) On site or remotely	Learning outcomes
Activity 1	Basic laboratory training on Biotechnology/ preparation of extracts	Physically/remotely	15	Learn safety rules Learn preparation of an experiment and samples
Activity 2	Evaluation of total phenolic content via the Folin-Ciocalteu assay	Physically/remotely	15	Experience on Folin-Ciocalteu assay methodologies.
Activity 3	Evaluation of flavonoid content using the aluminum chloride method.	Physically/remotely	15	Experience on aluminum chloride methodologies
Activity 4	Estimation of chlorophylls a and b, as well as total carotenoids concentration, spectrophotometrically	Physically/remotely	15	Mastery of spectrophotometry methodology
Activity 5	Evaluation of extracts' antioxidant activity by TEAC and FRAP.	Physically/remotely	15	Experience on TEAC and FRAP assays
Activity 7	In vitro experiments on human cell lines to explore the cytocompatibility of the produced extracts.	Physically/remotely	15	Experience on cell lines methodologies
Activity 8	Cytotoxicity assessments of the extracts by MTT on broad range of extract	Physically/remotely	15	Experience on cytotoxicity assessments

	concentrations and varied incubation durations.			
Activity 9	Literature search	Remotely	10	Analyze scientific sources of information for a specific task
Activity 10	Preparation of Report and presentation of results at the online annual student's conference	Remotely	20	Enhance proficiency in written and oral communication within a particular field, utilizing specialized terminology