

italian	english	CFU	modules	Official language	SSD	teacher	Year of course	semester	Semester I start and end	Semester II start and end	Type of exam	Type of teaching activity
Le colture cellulari nella Ricerca Biologica	Cell cultures in biological research	3		italian	BIO-11	Lina Sabatino	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (1CF) and lab activity (2CFU)
Elementi di microscopia ottica	Optical microscopy: basic application.	3		italian	BIO-06	Roberta Imperatore	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (1CF) and lab activity (2CFU)
Principi ed applicazioni della tecnica del Patch clamp	Principles and applications of the Patch Clamp technique	3		italian	BIO-10	Alberto Zullo	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (1CF) and lab activity (2CFU)
Corso pratico di attività di campo	Practice course for field activities	3	Module I 1.5 CFU Module II 1.5 CFU	italian	BIO-07 GEO-02	Enrica Picariello Sabatino Ciarcia	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Field activity (1,5 CFU), lab activity (1,5 CFU)
Struttura di un articolo scientifico	Anatomy of a research paper	3		italian	GEO-05	Francesco Maria Guadagno	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (3 CFU)
Analisi dei dati biologici ed ambientali	Analysis of biological and environmental data	3		italian	BIO/03	Daniela Zuzolo	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (1CF) and lab activity (2CFU)
Cambiamenti climatici	Climatic changes	3		Italian and english	GEO-04	Alessio Valente	1 and 2	I	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (3 CFU)
Modelli animali e cellulari nella ricerca biologica	Animal and cellular models in biological research	3		italian	BIO-13	Concetta Ambrosino	1 and 2	I	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (1CF) and lab activity (2CFU))

Principi e applicazioni di tecniche di valutazione della respirazione e dello stress cellulare e del controllo della qualità mitocondriale.	Principles and applications of techniques for assessing cellular stress and mitochondrial respiration	3		italian	BIO-09	Antonia Giacco	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (1CF) and lab activity (2CFU)
Risorse idriche sotterranee e vulnerabilità	Groundwater and vulnerability	3		italian	GEO-05	Libera Esposito	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Field activity (3 CFU)
Sintesi di small molecules farmacologicamente attive	synthesis of small molecules in drug discovery	3		italian	CHIM-06	Rosanna Filosa	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (1CF) and lab activity (2CFU)
Fondamenti di Intelligenza Artificiale per l'analisi di immagini biomediche e geofisiche	Fundamentals of Artificial Intelligence for the analysis of biomedical and geophysical images.	3		Italian and english	ING-INF/05	Francesco Napolitano	1 and 2	II	Starts in September ends in February	Starts in March ends in August	Practic and oral	Frontal lesson (1CF) and lab activity (2CFU)
Principi di microscopia elettronica e microanalisi	Basics of electron microscopy and micro-analysis	3		italian	GEO-09	Chiara Germinario	1 and 2	I	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (1CF) and lab activity (2CFU)
Principi di chimica dei polimeri con laboratorio	Principles of polymer chemistry with laboratory	3		italian	CHIM/03	Daniela Pappalardo	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (1CF) and lab activity (2CFU)
Tettonica delle placche e modellazione analogica	Plate tectonics and analog modeling	3		italian	GEO/03	Bruno Massa	1 and 2	I	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (1CF) and lab activity (2CFU)
Analisi dei dati geologici	Geological data analysis	3		italian		Maurizio Torrente	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (1CF) and lab activity (2CFU)

INGLESE	English	6		english		Affidamento esterno	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (6 CFU)
INFORMATICA	INFORMATICS	6		italian		Luigi Cerulo	1 and 2	II	Starts in September ends in February	Starts in March ends in August	oral	Frontal lesson (3 CFU) and informatics lab activity (3 CFU)