
Code	BENG525
Name	Instrumental Analysis
Hour per week	3 (3 + 0)
Credit	3
ECTS	10
Level/Year	Graduate / Anytime
Semester	Fall and Spring
Type	Elective
Prerequisites	-
Content	Instrumental Analysis focuses on instrumental techniques used for material characterization. Upon taking this course, students will learn principles of chemical measurements and gain a different point of view on solving problems based on devices. Instrumental analysis includes separation methods, chromatographic techniques (i.e. GPC, HPLC), spectroscopy (UV spectrophotometer), visualization methods (SEM, TEM).
