

INTRODUCTION TO ATOMIC SPECTROSCOPY

1	Course Title:	INTRODUCTION TO ATOMIC SPECTROSCOPY	
2	Course Code:	KIM5010	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	6.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	none	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. ELİF TÜMAY ÖZER	
15	Course Lecturers:	Prof.Dr.Belgin İZGİ Prof.Dr. Saliha ŞAHİN	
16	Contact information of the Course Coordinator:	Prof.Dr. Elif TÜMAY ÖZER etumay@uludag.edu.tr 0 224 29 42 866	
17	Website:		
18	Objective of the Course:	Basic information about atomic spectroscopic techniques, calibration of systems, experimental designs, transferring latest developments in techniques.	
19	Contribution of the Course to Professional Development:	learn analysis techniques.	
20	Learning Outcomes:		
		1	Students assess spectroscopic data.
		2	To have knowledge about the theoretical bases of spectroscopic techniques.
		3	To know which method to choose in analysis.
		4	Students know the techniques to use in their research.
		5	Understand the importance of spectroscopy in analyzing unknown substances.
		6	Learn how different spectroscopic techniques complement each other.
		7	
		8	
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Spectroscopy and spectroscopic measurements		
2	Electromagnetic waves, mirrors, prisms, interferometers		

ÖK4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			