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YOZGAT BOZOK UNIVERSITY FACULTY OF ARTS AND SCIENCES CHEMISTRY DEPARTMENT COURSE PLAN

2006								
Course Code	e Course Title	Semes ter	Course Type (C/E)	T+A+L (Time/Week)	Credi t	ECT S	Course Language	
KİM704	4 Archaeochemistry	1-2	Ε	2+0+0		4	Turkish	
		COURSE	INFORMAT	ΓΙΟΝ				
Course Catalog Description (Content)		Definition and History of Archaeology, What Archaeologists Want to Know?, Archaeological Materials, Analysis Methods, Archaeological Studies in Turkey and Examples from These Studies						
The Aim of the Course		The aim of this course is to give information about the application of chemistry-based analysis techniques on archaeological and historical artifacts and to teach the necessary information for a more accurate interpretation of historical findings.						
Course Level		Bachelor degree						
Course Language		Turkish						
Teaching method		(X) Formal () Online () Mixed/Hybrid						
Teaching Staff of the Course		Asst. Prof. Dr. Hatice ARI						
Prerequisite Course(s) of the Course		-						
Course		 properties of archaeological artifacts and their chemical composition. 2- Explain the chemical analysis methods of archaeological materials. 3- Know the chemical formulas and structures of archaeological materials. 4- Can explain the history and development of archaeochemistry. 5- Will be able to define the concepts related to archaeochemistry and archeometry. 						
Wook	Theory		Pra	actice/Laboratorv				
1	Archaeochemistry and Archeon	netry		·····,				
2	Terms and Concepts Related to Archaeochemistry							
3	History of Archaeochemistry							
4	Current Situation and Scope of Archaeochemistry							
5	What Archaeologists Want to Know About Archaeological Artifacts Archaeological A				U			
6	Archaeological Materials and Chemical Properties							
7	Archaeological Materials and Chemical Properties							
8	Archaeological Materials and Chemical Properties							
9	Analysis Methods of Archaeological Materials							
10	Analysis Methods of Archaeological Materials							
11	Analysis Methods of Archaeological Materials							
12	Identification and Verification in Archaeological Artifacts							
13	Identification and Verification in Artifacts	n Archaeologica	l					

Archaeochemistry Studies in Turkey and in the World

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Final Exam

Course Learning Resources

1. Sevi Öz, Şahinde Demirci, Arkeokimyaya Genel Bakış, Gazi Kitabevi, Ankara, 2017.

2. T. Douglas Price, James H. Burton, An Introduction to Archaeological Chemistry, Springer, 2011.

3. A. Mark Pollard, Carl Heron, Ruth Ann Armitage, Archaeological Chemistry, royal Society of Chemistry, 3rd Edition, 2016.

ASSESSMENT CRITERIA						
Work Activities During the Semester	Number	Contribution				
Homework	1	30				
Practice						
Forum/ Discussion Application						
Short Exam (Quiz)	2	70				
Ratio Of Semester Studies To Semester Success (%)		%40				
Ratio of Final to Success (%)	1	%60				
Total		%100				

		COURSE WORKLOAD	TABLE					
Activit	У	Total Weeks	Duration (W Hours	/eekly)	Total Workload			
Theory	/	14	2		28			
Practic	;e							
Forum	/ Discussion Application							
Reading		14	1		14			
Interne	et Scanning, Library Study							
Individual study		14	1		14			
Brains	torming	3	5			15		
Presen	tation Preparation							
Presen	tation	N						
Final Exam 1			2		2			
Preparation for the Final Exam 4					20			
Diğer (Belirtiniz: Homework) 1			7		7			
Total Workload					100			
Total Workload / 25 (s)					100/25			
ECTS Credits of the Course					≌4			
Note: Th	he workload of the course will be d	letermined by the instructor of	on a per-course bas	sis.				
No	Program Learning Outputs 1 2			3	4	5		
1	Gains extensive knowledge about the basic chemical properties of						X	
-	matter and uses this knowledge in daily life, industrial scale, and							
	practical chemistry and shares them with the society.							
2	Performs experiments, collects of	data, interprets, evaluates re	SUITS,			X		
	produces solutions against problems encountered in the laboratory							
3	Calculates and processes chemical information and data				X			



5	Defines and comprehends chemical concepts and theories in		X	
	Inorganic Chemistry, Organic Chemistry, Physical Chemistry,			
	Analytical Chemistry, Biochemistry.			
6	Can conduct research in the light of scientific data on any subject in			Х
	the field of chemistry.			
7	Writes, presents, discusses scientific material, and presents it orally to			Х
	a knowledgeable audience.			
8	Brings a chemical approach to the solution of environmental problems.			X
	makes environmental analyzes and reports			
9	Knows a foreign language at a level to read and understand the basic		X	
	terms and processes of the chemist profession			
10	Con use computer software and information and communication	v		
10	technologies at the level required by the field	^		
	technologies at the level required by the field.			
11	Adapts and transfers the knowledge gained in the field to secondary			X
	education.			
12	Apart from the field of chemistry, she/he gains knowledge in different			X
	branches of science that she feels close to.			
13	Carries out a study independently, makes group work and gains the			Х
	awareness of taking responsibility.			
14	They can develop a positive attitude towards lifelong learning and		Х	
	constantly renew their professional knowledge and skills.			
15	Have sufficient awareness of the universality of social rights, social			Х
	iustice quality culture and protection of cultural values environmental			
	protection occupational health and safety			
	protocion, occupational noultir and baroty.			

