



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

Course Code	Course Title	Semester	Course Type (C/E)	T+A+L (Time/Week)	Credit	ECTS	Course Language
KİM484	Research Seminar	Spring	C	0+2+0		2	Turkish

COURSE INFORMATION

Course Catalog Description (Content)	Preparing a seminar on a subject, education and training methods, presentation techniques, emphasis and tone of voice, summarizing the subject, using the blackboard or teaching tools (computer) well, correctly and appropriately, completing by racing against time and using time well, ways of specifying sources, correct and reliability. Students are given the opportunity to actively discuss the issues with homework and sample preparations.
The Aim of the Course	It is to develop students' skills by making seminar applications and to show their deficiencies by evaluating them.
Course Level	Bachelor degree
Course Language	Turkish
Teaching method	(X) Formal () Online () Mixed/Hybrid
Teaching Staff of the Course	Related Lecturers
Prerequisite Course(s) of the Course	
Learning Outcomes from the Course	<ol style="list-style-type: none">1. Students can learn the principles of preparing general presentations using Powerpoint and computer projectors.2. Students can learn about how slides can be used better when presenting.3. Students can develop their skills by making seminar applications.4. Students can see their shortcomings by evaluating the seminars they give.5. Students can learn poster preparation techniques.

COURSE CONTENT

Week	Theory	Practice/Laboratory
1	Ways to prepare seminars and posters on a specific topic	
2	Modern education and training methods	
3	Seminar preparation and presentation techniques, emphasis and tone of voice, summarizing the subject, using the blackboard or teaching tools well, correctly and appropriately, completing by racing against time and using time well	
4	Methods of citing sources, accuracy and reliability	
5	Active discussion of students on topics with given homework and sample preparations	
6	Seminar Applications	
7	Seminar Applications	
8	Seminar Applications	
9	Seminar Applications	
10	Seminar Applications	
11	Seminar Applications	
12	Seminar Applications	

13	Seminar Applications	
14	Seminar Applications	
15	Final Exam	

Course Learning Resources

1. Presentation 101 for Graduate Students/SVM Professor of Cytomics Department of Basic Medical Sciences & Weldon School of Biomedical Engineering Purdue University <http://www.cyto.purdue.edu/education>
2. K. Çilenti, D. Ali Özçelik, Chemistry Teaching, Editor: Prof. Dr. Cevat Alkan, Anadolu University Publication No: 430, Open Education Faculty Publication No: 189.

ASSESSMENT CRITERIA

Work Activities During the Semester	Number	Contribution
Report Preparation	1	%50
Report Presentation	1	%50
Forum/ Discussion Application		
Short Exam (Quiz)		
Ratio Of Semester Studies To Semester Success (%)		%50
Ratio of Final to Success (%)	1	%60
Total		%100

COURSE WORKLOAD TABLE

Activity	Total Weeks	Duration (Weekly Hours)	Total Workload
Theory	14	2	28
Practice	2	5	10
Forum/ Discussion Application			
Reading			
Internet Scanning, Library Study			
Material Design, Application			
Report Preparation	1	10	10
Presentation Preparation			
Presentation	1	1	1
Final Exam	1	1	1
Preparation for the Final Exam	1	1	1
Other(s) (Specify:)			
Total Workload			
Total Workload / 25 (s)			51/25
ECTS Credits of the Course			51/25\cong2

Note: The workload of the course will be determined by the instructor on a per-course basis.

PROGRAM LEARNING OUTPUTS CONTRIBUTION LEVELS

No	Program Learning Outputs	1	2	3	4	5
1	Gains extensive knowledge about the basic chemical properties of matter and uses this knowledge in daily life, industrial scale, and practical chemistry and shares them with the society.				X	
2	Performs experiments, collects data, interprets, evaluates results, defines problems parallel to current technological developments, produces solutions against problems encountered in the laboratory.			X		
3	Calculates and processes chemical information and data.			X		
4	Applies her/his knowledge and understanding of chemistry to the solution of unconventional qualitative and quantitative problems.		X			

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

Bozok