

# SCIENTIFIC RESEARCH METHODS, AND REPORT WRITING

1	Course Title:	SCIENTIFIC RESEARCH METHODS, AND REPORT WRITING	
2	Course Code:	TEK4725-SS	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	7	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	-	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. SERKAN GÜRLÜK	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	serkan@uludag.edu.tr 2941595	
17	Website:		
18	Objective of the Course:	Teaching how a scientific research can be carried out depending on ethic rules and how a Scientific Research results can be reported	
19	Contribution of the Course to Professional Development:	Students who learn scientific research and project logic gain competence in solving problems that may arise in the profession by using cause-effect relationships.	
20	Learning Outcomes:		
		1	To be able to explain whole of the scientific ethical rules
		2	To be able to show the writing of whole parts of a scientific thesis, report or an article on a case topic.
		3	To be able to interpret a scientific excerpt and make cite
		4	To be able to design the systematic structure while a scientific research convert to an article.
		5	To be able to present the tables and graphical illustrations in a scientific research in an understandable fashion
		6	To be able to present Research consequences in posters
		7	To be able to use body language successfully in an oral presentation of a scientific research results.
		8	To be able to apply practical informations while writing article with English language
		9	
		10	
21	Course Content:		
		Course Content:	

Week	Theoretical	Practice
1	Scientific writing and its roots, course description	
2	Ethics rules that will be kept in scientific research and cases	
3	Scientific screening and resource findings	
4	Importance of scientific cites	
5	Important sections at the Scientific Research report: Introduction	
6	Important sections at the Scientific Research report: Material and method	
7	Important sections at the Scientific Research report: Results and conclusions	
8	Presentation of results with graphical illustrations and tables+Midterm Exam	
9	Reference presentation in an Scientific research	
10	Writing a scientific review article	
11	Preparations scientific posters	
12	Presentations conference and uses of body language	
13	Practical informations in writing article with English language	
14	International science citation indexed journals in agriculture topic and their importance	
22	Textbooks, References and/or Other Materials:	Day, R. A. (2000). How to Write and Publish a Scientific Paper. Translated by Gülay Aşkar Altay, TÜBİTAK Publications, Ankara, 233pp.
23	Assesment	
TERM LEARNING ACTIVITIES		WEIGHT
	NUMBE R	
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Test exam
24	ECTS / WORK LOAD TABLE	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	1.00	14.00
Homeworks	2	10.00	20.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	5.00	5.00
Others	0	0.00	0.00
Final Exams	1	8.00	8.00
Total Work Load			94.00
Total work load/ 30 hr			2.97
ECTS Credit of the Course			3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	0	3	0	3	2	0	3	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0
ÖK3	0	0	0	0	0	0	0	3	0	1	1	4	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	4	1	4	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	1	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							