

Course Title	Code	Semester	Theoretical (hours/week)	Practice (hours/week)	Laboratory (hours/week)	ECTS
<b>Research and Publication Ethics</b>	<b>ORT 501</b>	<b>1./2. Semester</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>6</b>
<b>Prerequisites</b>	None					
<b>Course Language</b>	Turkish					
<b>Course Type</b>	Elective					
<b>Teaching Methods</b>	Lecture, Discussion, Question-answer					
<b>Instructor(s)</b>						
<b>Course Objective</b>	It aims to introduce graduate students to basic concepts related to scientific research methods and to present them in a written report in accordance with ethical rules.					
<b>Course Learning Outcomes</b>	1- To be able to explain scientific research and its features 2- To be able to scan and cite literature 3- To be able to apply information about ethical standards, software and legal restrictions					
<b>References</b>	1- Day RA. How to write & publish a scientific paper. 5th ed. Oryx Press; 1998. 2- Zeiger M. Essentials of writing biomedical research papers. McGraw-Hill Companies; 1991. 3- Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publications [Internet]. International Committee of Medical Journal Editors; [cited 2012 Jan 22]. Available from: <a href="http://www.icmje.org/">http://www.icmje.org/</a>					

## WEEKLY COURSE TOPICS

Weeks	DISCUSSION TOPICS TO BE PROCESSED
1.	Definition, Traits, Nature, Historical Development of Science
2.	Stages of Scientific Research ( Identifying the research subject, its aim and importance)
3.	Types of Scientific Publishing
4.	Thesis, Article Writing Techniques, Preparing a Presentation
5.	Identifying the research subject
6.	Literature review
7.	The concept of Ethics and Profession – Ethical Theories
8.	<b>Midterm exam</b>
9.	The Concept of Research Ethics and Main Principles
10.	Unethical attitudes during the research process and Violation of Ethical Principles
11.	Assessment and discussion of legal legislation regarding the research and publishing ethics, TÜBİTAK (Scientific and Technological Research Council of Turkey) Research and Editorial Board Regulations – YÖK (Council of Higher Education) Regulation of Scientific Research and Publishing Ethics
12.	Expression of Article
13.	Expression of Article
14.	Expression of Article
15.	<b>Final Exam</b>

**ECTS / WORK LOAD TABLE**

<b>Activities</b>	<b>Number</b>	<b>Duration</b>	<b>Total Work Load</b>
Course	14	1	14
Laboratory			
Practice			
Field Study			
Outclass course work hours ( Self working / Teamwork / Preliminary work)	16	3	48
Presentations (Video preparation / Poster preparation / Oral presentation / Focus group discussion / Applying questionnaire/ Observation and report writing)	2	25	50
Seminars	1	10	10
Project			
Case study			
Role playing, dramatization			
Preparing and criticizing article			
Semester midterm exams	2	10	20
Semester final exams	1	8	8
<b>Total Work Load ( hour) / 25(s)</b>	<b>150/25=6</b>		
<b>ECTS</b>	<b>6</b>		

## EVALUATION SYSTEM

<b>Midterm Studies</b>	<b>Number</b>	<b>Contribution</b>
Midterm exam	1	%25
Quiz		
Laboratory		
Practice		
Field Study		
Specific practical training (If exists)		
Homework assignment	1	%25
Presentation and seminar		
Projects		
Other evaluation methods		
<b>Total of Midterm Studies</b>		<b>%50</b>
<b>Final Studies</b>		
Final	1	%50
Homework assignment		
Practice		
Laboratory		
<b>Total of Final Studies</b>		<b>%50</b>
Contribution of midterm studies to course grade		%50
Contribution of final studies to course grade		%50
<b>Total Grade</b>		<b>100</b>

## RELATIONSHIPS BETWEEN COURSE LEARNING OUTCOMES AND PROGRAM QUALIFICATIONS

Program Qualifications		Learning Outcomes		
		LO1	LO2	LO3
1.	Has the up-to-date information in their field of specialty, and is able to improve it based on the undergraduate level of proficiency.	4	4	4
2.	Has the knowledge in information Technologies, technical equipments, and devices with regard to their field of specialty.	4	4	4
3.	Interprets their field of knowledge by combining it with other fields of specialties, analyze and synthesize the gathered knowledge by using varied research methods, and suggest solution recommendations.	4	4	4
4.	Writes the results of their research.	4	4	4
5.	Plans experimental research and carries them out.	4	4	4
6.	Offers solutions to the topics of their field, deals with problems, evaluate the results gathered, and applies them into practice when needed.	4	4	4
7.	Does research/presentation/academic publishing with regard to the primary issues of public health.	4	4	4
8.	Evaluates the information within their field of specialty with a critical approach.	4	4	4
9.	Applies the principles of life-long learning into their studies.	4	4	4
10.	Discusses and shares their field of knowledge, up-to-date developments and their of studies in written, verbal and visual ways.	4	4	4
11.	Examines the social relationships in the professional environment and the norms that channel such relationships, and does whatever needed in order to improve the conditions.	4	4	4
12.	Pay regard to the social, scientific and ethical values throughout the process of data collection, report, discussion, publishing, and teaches those values.	4	4	4
13.	Is aware of the importance of ethical principles and rules for both the individuals and the society, and behaves ethically.	4	4	4

**Contribution to the level of proficiency: 1: Low 2: Low/Moderate 3: Moderate 4: High 5: Excellent**