

International School of Medicine / Medicine (English)
2023 - 2024 Academic Year
ACCESSING SCIENTIFIC INFORMATION and REPORTING
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
ACCESSING SCIENTIFIC INFORMATION and REPORTING	ISM1014665	Yearly	10+2	0	1
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	English				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Committee Course				
Course Coordinator	Assist.Prof. Ayşe Güliz DİRİMEN ARIKAN				
Name of Lecturer(s)	Assist.Prof. Ayşe Güliz DİRİMEN ARIKAN				
Assistant(s)					
Aim	To convey what scientific research is, its general principles and methods, and ways of accessing scientific information.				
Course Content	This course contains; Introduction to scientific research, evidence-based data, information, and knowledge, Types and stages of scientific research, Literature review and citation methods, types of references, Laboratory Program (In collaboration with The Library), Laboratory program (In collaboration with The Library), Presentation Programs, Presentation Programs.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Explains what is a scientific concept			10, 16, 6, 9	A	
Defines scientific and nonscientific resources of knowledge			10, 16, 6, 9	A	
Explains scientific publication and its varieties with relevant examples.			10, 16, 6, 9	A	
Identifies reliable scientific data.			10, 16, 6, 9	A	
Teaching Methods	10: Discussion Method, 16: Question - Answer Technique, 6: Experiential Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Introduction to scientific research, evidence-based data, information, and knowledge				
2	Types and stages of scientific research, Literature review and citation methods, types of references				
3	Laboratory Program (In collaboration with The Library)				
4	Laboratory program (In collaboration with The Library)				
5	Presentation Programs				
6	Presentation Programs				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources	
1. Clinical Epidemiology, The Essentials, Sixth Edition, Fletcher G.S. et al., 2021. 2. Publication Manual of the American Psychological Association, Seventh Edition (2020), https://apastyle.apa.org/products/publication-manual-7th-edition?tab=5 3. Medical Research Essentials 1st Edition, Estetie R., Mc Graw Hill Education, 2014. 4. Popper Karl, Logic of Scientific Discovery, Popper K, Routledge Classics 2002, Taylor & Francis Group, 2005, ISBN 0-203-99462-0 Master e-book ISBN 5. Modern Researcher, Barzun Jacques and Graff Henry F., 6th Ed., 2004, ISBN-13: 978-0495318705 Power point slides.	