

### MSc program, Department of Biomedical Engineering

<b>Course Unit Title</b>	Seminar in Biomedical Engineering
<b>Course Unit Code</b>	BME502
<b>Type of Course Unit</b>	Compulsory
<b>Level of Course Unit</b>	MSc program
<b>National Credits</b>	-
<b>Number of ECTS Credits Allocated</b>	10
<b>Theoretical (hour/week)</b>	-
<b>Practice (hour/week)</b>	-
<b>Laboratory (hour/week)</b>	-
<b>Year of Study</b>	2
<b>Semester when the course unit is delivered</b>	4
<b>Course Coordinator</b>	Assoc. Prof. Dr. Terin Adalı
<b>Name of Lecturer (s)</b>	Depending on the thesis topic lecturer varies.
<b>Name of Assistant (s)</b>	-
<b>Mode of Delivery</b>	Face to Face
<b>Language of Instruction</b>	English
<b>Prerequisites</b>	-
<b>Recommended Optional Programme Components</b>	

<b>Course description:</b>		
Each master's student is required to present his/her research findings to students and instructors. The literature review of the research and fist findings are important.		
<b>Objectives of the Course:</b>		
Conducting a scientific study in a field of Biomedical Engineering, and presenting this according to the scientific standards.		
<b>Learning Outcomes</b>		
After completing the course, the student will be able to		<b>Assessment</b>
1	Carry out an independent study requiring expertise in Electrical and Electronic Engineering	3,4
2	Present current developments and research work to other students and instructors, supporting this work with qualitative and quantitative data.	3,4
<b>Assessment Methods: 1. Written Exam, 2. Assignment, 3. Project/Report, 4. Presentation, 5. Lab. Work</b>		
<b>Course's Contribution to Program</b>		
		<b>CL</b>
1	Apply the rules of scientific research and ethics.	5
2	Discuss complex biomedical engineering issues as well as own research results comprehensively and in the context of current international research and present these in writing and orally.	5
3	Solve problems by systems analytical thinking both in subject specific and interdisciplinary concepts.	5
4	Combine specialized knowledge of various component disciplines	4
5	Carry out independent scientific work and organize (capacity ot team work), conduct and lead more complex projects.	2
6	To assess the social and enviornmental-related effects of their actions.	5
<b>CL: Contribution Level (1: Very Low, 2: Low, 3: Moderate, 4: High, 5: Very High)</b>		
<b>Course Contents</b>		
<b>Week</b>	<b>Topics</b>	<b>Exam</b>
1-32	Conducting research	
<b>Recommended Sources</b>		
Books, articles and other scientific documents related to the field		
<b>Assessment</b>		
Research presentation 100%		

**Assessment Criteria**

Final grades are determined according to the Near East University Academic Regulations for Graduate Education

**Course Policies**

Governed by Graduate Education Regulations

ECTS allocated based on Student Workload

<b>Activities</b>	<b>Number</b>	<b>Duration (hour)</b>	<b>Total Workload(hour)</b>
Course duration in class (including Exam weeks)	14	2	28
Labs and Tutorials	-	-	-
Assignment	-	-	-
Project/Presentation/Report	3	5	15
E-learning activities	-	-	-
Quizzes	-	-	-
Midterm Examination	-	-	-
Final Examination	-	-	-
Self-Study	1	240	240
Total Workload			283
Total Workload/30(h)			9.50
ECTS Credit of the Course			10