

<b>Course Title</b>	<b>Code</b>	<b>Semester</b>	<b>Theoretical (hours/week)</b>	<b>Practice (hours/week)</b>	<b>Laboratory (hours/week)</b>	<b>ECTS</b>
<b>Field Of Study</b> <b>Course I</b>	<b>MİK 560</b>	<b>3./4. Semester</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>Prerequisites</b>	None					
<b>Course Language</b>	Turkish					
<b>Course Type</b>	Compulsory					
<b>Teaching Methods</b>	Expression Report Preparation and / or Presentation Project Design / Management					
<b>Instructor(s)</b>						
<b>Course Objective</b>	To gain the necessary knowledge and skills during the preparation of the thesis					
<b>Course Learning Outcomes</b>	1- The student plans the master's thesis. 2- The student makes his / her thesis and writes.					
<b>References</b>						

## **WEEKLY COURSE TOPICS**

<b>Weeks</b>	<b>DISCUSSION TOPICS TO BE PROCESSED</b>
<b>1.</b>	Preparation of master thesis
<b>2.</b>	Preparation of master thesis
<b>3.</b>	Preparation of master thesis
<b>4.</b>	Preparation of master thesis
<b>5.</b>	Preparation of master thesis
<b>6.</b>	Preparation of master thesis
<b>7.</b>	Preparation of master thesis
<b>8.</b>	<b>Midterm exam</b>
<b>9.</b>	Preparation of master thesis
<b>10.</b>	Preparation of master thesis
<b>11.</b>	Preparation of master thesis
<b>12.</b>	Preparation of master thesis
<b>13.</b>	Preparation of master thesis
<b>14.</b>	Preparation of master thesis
<b>15.</b>	<b>Final Exam</b>

## ECTS / WORK LOAD TABLE

Activities	Number	Duration	Total Work Load
Course	14	4	56
Laboratory			
Practice			
Field Study			
Outclass course work hours ( Self working / Teamwork / Preliminary work)	14	2	28
Presentations (Video preparation / Poster preparation / Oral presentation / Focus group discussion / Applying questionnaire/ Observation and report writing)	4	6	24
Seminars			
Project			
Case study			
Role playing, dramatization			
Preparing and criticizing article			
Semester midterm exams	1	7	7
Semester final exams	1	10	10
<b>Total Work Load ( hour) / 25(s)</b>	<b>125/25=5</b>		
<b>ECTS</b>	<b>5</b>		

## EVALUATION SYSTEM

Midterm Studies	Number	Contribution
Midterm exam	1	%30
Quiz		
Laboratory		
Practice		
Field Study		
Specific practical training (If exists)		
Homework assignment		
Presentation and seminar	4	%20
Projects		
Other evaluation methods		
<b>Total of Midterm Studies</b>		%50
Final Studies		
Final	1	%50
Homework assignment		
Practice		
Laboratory		
<b>Total of Final Studies</b>		%50
Contribution of midterm studies to course grade		%50
Contribution of final studies to course grade		%50
<b>Total Grade</b>		100

## **RELATIONSHIPS BETWEEN COURSE LEARNING OUTCOMES AND PROGRAM QUALIFICATIONS**

<b>Program Qualifications</b>		<b>Learning Outcomes</b>	
		<b>LO1</b>	<b>LO2</b>
<b>1.</b>	Gains scientific knowledge and skills at the level of expertise in the field of medical microbiology.	<b>5</b>	<b>5</b>
<b>2.</b>	Uses the research resources adequately to reach scientific knowledge.	<b>5</b>	<b>5</b>
<b>3.</b>	Reaches new information in the field of medical microbiology and synthesizes the information obtained from different sources and evaluates it from a scientific point of view.	<b>5</b>	<b>5</b>
<b>4.</b>	Gains awareness about the ethics of scientific work and fulfills ethical responsibilities.	<b>5</b>	<b>5</b>
<b>5.</b>	Learns and applies the basic principles of research methods.	<b>5</b>	<b>5</b>
<b>6.</b>	Describes the morphological and physiological characteristics of microorganisms.	<b>4</b>	<b>4</b>
<b>7.</b>	Works in the laboratory in accordance with biosafety rules.	<b>4</b>	<b>4</b>
<b>8.</b>	Have knowledge about the devices and tools that are specific to the field and use them.	<b>4</b>	<b>4</b>
<b>9.</b>	Learns and applies laboratory techniques used in the field of medical microbiology.	<b>4</b>	<b>4</b>
<b>10.</b>	Knows and applies the basic methods for microbiological examination.	<b>4</b>	<b>4</b>
<b>11.</b>	Conducts studies related to the field individually or in a team. Performs the tasks given in scientific studies.	<b>5</b>	<b>5</b>
<b>12.</b>	Plans and conducts scientific research by using the knowledge learned in the field of medical microbiology, analyzes and evaluates the results.	<b>5</b>	<b>5</b>
<b>13.</b>	Gains the ability to present the information obtained or information related to his / her studies orally and visually.	<b>5</b>	<b>5</b>
<b>14.</b>	Follows scientific developments and current studies.	<b>5</b>	<b>5</b>
<b>15.</b>	Gains the ability of lifelong learning.	<b>5</b>	<b>5</b>

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