

**Course Title : History of Islamic Science and Philosophy**

Code	Course Type	Regular Semester	Lecture (hours/week)	Seminar (hours/week)	Lab (hours/week)	Credits	ECTS
ISC 224	A	4	4	0	0	4.00	5
<b>Lecturer and Office Hours</b>			Atakan Derelioğlu, PhD				
<b>Teaching Assistant and Office Hours</b>							
<b>Language</b>			English, Turkish				
<b>Course Level</b>			Bachelor				
<b>Description</b>			In this subject will be treated the role of philosophy and science in the islamic geography in the VII-XV century, the role of the muslim scientists in the foundation of the modern sciences, the most important representatives, thier work and thier discoveries. The mediator role of muslims in the conduction of the science and ancient Greek philosophy in Europe. The history of philosophic thought and phylosophic streams during this time				
<b>Objectives</b>			Knowing the history of workings made in the islamic civilisation regarding the science and recognition of the scientists				

**Course Outline**

Week	Topics
1	The history of science before Islam: Egyp, Mesopotamy, India, China, Middle Asia Egje, and Rome
2	The history of philosophy before Islam
3	The reasons of the development of science and philosophy in islamic geography
4	The influence of the muslims in the science of Astronomy, Geography
5	The influence of Muslims in the science of Medicine, Chemistry
6	The influence of Muslims in the science of Physics, Mathematic
7	The reasons of stopping of development
8	Midterm Exam
9	Ancient philosophy
10	Ancient philosophy and its beginings
11	The representatives of islam philosophy
12	The main streams of islam philosophic thought
13	Imam Gazzali and his work in the field of philosophy
14	The influence of philosophy in islamic sciences and its methods
15	The development of philosophy in modern times
16	Final Exam
<b>Prerequisites</b>	
<b>Textbook</b>	
<ul style="list-style-type: none"><li>• Ali Ünal, "İslam, Bilim, İnsan ve Tarih", Yitik Hazine Yayınları, İzmir 2008.</li><li>• Fuat Sezgin, İslam'da Bilim ve Teknik I-V , İstanbul Büyükşehir Belediyesi Kültür A.Ş. YA, 2008</li><li>• M.M. Şerif, İslam Düşüncesi Tarihi I-IV, İnsan Yay., İst. 1990.</li><li>• S.H. Nasr-O. Leaman, İslam Felsefesi Tarihi I-III, Açılım Kitap, 2011. M. Aydın, İslam ve İlim</li></ul>	
<b>Other References</b>	
<ul style="list-style-type: none"><li>• Necip Taylan, "Anahatlarıyla İslam Felsefesi", Ensar Neşriyat, İstanbul 1985, 2.baskı.</li></ul>	
<b>Laboratory Work</b>	

<b>Computer Usage</b>			
<b>Other</b>			
<b>Learning Outcomes and Competences</b>			
<b>1</b>	The students will learn the development of history of science in islamic geography		
<b>2</b>	The student will recognise the Islam civilisation and its influence in the European Renaissance		
<b>3</b>	The student will recognise the most important scientists and muslim philosophers		
<b>Course Evaluation Methods</b>			
<b>In-term studies</b>		<b>Quantity</b>	<b>Percentage</b>
Midterms		1	30
Quizzes		0	0
Projects		0	0
Term Projects		0	0
Laboratory		0	0
Attendance		1	20
<b>Contribution of in-term studies to overall grade</b>			<b>50</b>
<b>Contribution of final examination to overall grade</b>			<b>50</b>
<b>Total</b>			<b>100</b>
<b>ECTS (Allocated Based on Student) Workload</b>			
<b>Activities</b>	<b>Quantity</b>	<b>Duration (hours)</b>	<b>Total Workload (hours)</b>
Course Duration (Including the exam week : 16 x Total course hours)	16	4	64
Hours for off-the-classroom study (Pre-study, practice)	14	2	28
Assignments	0	5	0
Midterms	1	10	10
Final examination	1	13	13
Other	0	0	0
<b>Total Work Load</b>			<b>115</b>
<b>Total Work Load / 25 (hours)</b>			<b>4,6</b>
<b>ECTS</b>			<b>5</b>