

HISTORY AND PHILOSOPHY OF SCIENCE IN ISLAM

1	Course Title:	HISTORY AND PHILOSOPHY OF SCIENCE IN ISLAM
2	Course Code:	İLA3311
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	7
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. Yaşar Aydın
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	E-posta: yasaraydinli@hotmail.com Tel.: (0224) 2431066 - 60312 Adres: Uludağ Üniversitesi İlahiyat Fakültesi
17	Website:	
18	Objective of the Course:	At the end of the curriculum, the student is expected to have acquired knowledge of the contribution of Muslim scholars to philosophy, science and religious studies and of the works of Muslim scholars
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To define the concept of science in Islam.;
	2	To analyze Islamic intellectual structure of medieval ages; to compare philosophy to theology, mysticism, etc.;
	3	To evaluate the classical literature of Islamic philosophy and the works of philosophers on other disciplines.;
	4	To analyze how Islamic philosophy takes shape; and formation of its logical, physical, metaphysical and political dimensions.;
	5	To evaluate the history, concepts, methodology, representatives of Islamic philosophy and its relationship with ancient civilizations;
	6	To evaluate the problem of relationship between religion and science.;
	7	To compare the Turkish scholars in the Seljuk and Ottoman period.;
	8	To discuss on the contributions of muslim scholars and scientist to the natural sciences.;
	9	To discuss on the role of muslim scientist in the modern development of technology.;
	10	To comment on the importance of science in Muslim World and its ideal form. ;
21	Course Content:	
	Course Content:	

Week	Theoretical	Practice
1	The concept of science and scientific method	
2	The concept of science in the Qur'an and hadith	
3	The concept of science in the Qur'an and hadith	
4	The conception of science in the classical Islamic thought.	
5	Kharazmi, Ibn al-Haytham	
6	Al-Farabi, al-Razi	
7	Avicenna	
8	Al-Gazhali and the rejection of scientific causality	
9	Semerkan okulu ve Uluğ Bey Samarkand school and Ulug Bey	
10	Science in the seljuk period	
11	Science in the Ottoman period	
12	Katib Chelebi	
13	Science from Tanzimat to Republic in the Ottoman period	
14	The contemporary overview of Islamic science	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preparation	14	6.00	84.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Quiz	0	4.00	4.00
Midterm exams	0	4.00	4.00
Others	0	0.00	0.00
Final Exams	1	4.00	4.00
Total Work Load			120.00
Contribution of Term, (Year) Learning Activities to Success Grade	40.00		4.00
ECTS Credit of the Course			4.00
Contribution of Final Exam to Success Grade	60.00		
Total	100.00		
Measurement and Evaluation Techniques Used in the Course			

						Load (hour)
Theoretical			Kutubhanı Akın Tapısı, Khabevi, 1999. M. A. Khabevi, İst. 2000	48.00		48.00
Practicals/Labs				0.00		0.00
Self study and preparation	23	Assessment		14	6.00	84.00
Homeworks				0	0.00	0.00
Projects	R			0	0.00	0.00
Field Studies				0	0.00	0.00
Quiz	0			0	4.00	4.00
Midterm exams	0			0	4.00	4.00
Others				0	0.00	0.00
Final Exams	1			60.00	4.00	4.00
Total Work Load						120.00
Contribution of Term (Year) Learning Activities to Total Work Load/ 30%				40.00		4.00
ECTS Credit of the Course						4.00
Contribution of Final Exam to Success Grade				60.00		
Total				100.00		
Measurement and Evaluation Techniques Used in the Course						

Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preparation	14	6.00	84.00
23 Assessment			
Homeworks	0	0.00	0.00
Projects	R	0	0.00
Field Studies	0	0.00	0.00
Quiz	0	0.00	0.00
Midterm exams	1	4.00	4.00
Others	0	0.00	0.00
Final Exam	1	4.00	4.00
Total Work Load			120.00
Contribution of Term (Year) Learning Activities to Total Work Load/ 30%	40.00		4.00
ECTS Credit of the Course			4.00
Contribution of Final Exam to Success Grade	60.00		
Total	100.00		
Measurement and Evaluation Techniques Used in the Course			

Theoretical		14	Felsefi Mirasımız ve Biz	2.00	28.00
Practicals/Labs		0		0.00	0.00
Self study and preparation		14		6.00	84.00
Homeworks		0		0.00	0.00
Projects	R	0		0.00	0.00
Field Studies		0		0.00	0.00
Quiz	0	0.00		4.00	4.00
Midterm exams		0		0.00	0.00
Others		0		0.00	0.00
Final Exams	1	60.00		4.00	4.00
Total Work Load					120.00
Contribution of Term (Year) Learning Activities to Total work load/ 30 hr		40.00			4.00
ECTS Credit of the Course					4.00
Contribution of Final Exam to Success Grade		60.00			
Total		100.00			
Measurement and Evaluation Techniques Used in the Course					

Practicals/Labs		0	0.00	0.00
Self study and preparation		14	6.00	84.00
Homeworks		0	0.00	0.00
Projects	R	0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams	0	0.00	4.00	4.00
Others		0	0.00	0.00
Final Exams	1	60.00	4.00	4.00
Total Work Load				120.00
Contribution of Term (Year) Learning Activities to Total Work load/ 30% Success Grade		40.00		4.00
ECTS Credit of the Course				4.00
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				

Self study and preparation	23	14	6.00	84.00
Assessment				
Homeworks		0	0.00	0.00
Projects	R	0	0.00	0.00
Field Studies		0	0.00	0.00
Quiz	0	0.00	4.00	4.00
Midterm exams		1		
Others		0	0.00	0.00
Final Exams	1	60.00	4.00	4.00
Total Work Load				120.00
Contribution of Term (Year) Learning Activities to Total Workload/ 30 hr		40.00		4.00
Success Grade				
ECTS Credit of the Course				4.00
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				

Homeworks			0	0.00	0.00
Projects	R		0	0.00	0.00
Field Studies			0	0.00	0.00
Quiz	0	0.00	1	4.00	4.00
Midterm exams			0	0.00	0.00
Others			0	0.00	0.00
Final Exam	1	60.00	1	4.00	4.00
Total Work Load					120.00
Contribution of Term (Year) Learning Activities to Total Workload/ 30 hr			40.00		4.00
ECTS Credit of the Course					4.00
Contribution of Final Exam to Success Grade			60.00		
Total			100.00		
Measurement and Evaluation Techniques Used in the Course					

Projects	R	0	0.00	0.00
Field Studies		0	0.00	0.00
Quiz	0	0.00		
Midterm exams		1	4.00	4.00
Others		0	0.00	0.00
Final Exams	1	60.00	4.00	4.00
Total Work Load				120.00
Contribution of Term (Year) Learning Activities to Total Work load/ 30%		40.00		4.00
ECTS Credit of the Course				4.00
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				

Field Studies	0	0.00	0.00
Quiz	0	0.00	0.00
Midterm exams	1	4.00	4.00
Others	0	0.00	0.00
Final Exams	1	4.00	4.00
Total Work Load			120.00
Contribution of Term (Year) Learning Activities to Success Grade	40.00		4.00
ECTS Credit of the Course			4.00
Contribution of Final Exam to Success Grade	60.00		
Total	100.00		
Measurement and Evaluation Techniques Used in the Course			

Midterm exams	0	0.00	4.00	4.00
Others		0	0.00	0.00
Final Exams	1	60.00	4.00	4.00
Total Work Load				120.00
Contribution of Term (Year) Learning Activities to Total Work Load/ 30%		40.00		4.00
ECTS Credit of the Course				4.00
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				

Others		0	0.00	0.00
Final Exams	1	60.00	4.00	4.00
Total Work Load				120.00
Contribution of Term (Year) Learning Activities to Total work load/ 30 hr		40.00		4.00
ECTS Credit of the Course				4.00
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				

Final Exam	1	60.00	4.00	4.00
Total Work Load				120.00
Contribution of Term (Year) Learning Activities to Total Work Load/ 30 hr Success Grade		40.00		4.00
ECTS Credit of the Course				4.00
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				

Total Work Load			120.00
Contribution of Term (Year) Learning Activities to Total work load/ 30 hr	40.00		4.00
ECTS Credit of the Course			4.00
Contribution of Final Exam to Success Grade	60.00		
Total	100.00		
Measurement and Evaluation Techniques Used in the Course			

Contribution of 1 term (Year) Learning Activities to Success Grade	40.00		4.00
ECTS Credit of the Course			4.00
Contribution of Final Exam to Success Grade	60.00		
Total	100.00		
Measurement and Evaluation Techniques Used in the Course			

ECTS Credit of the Course			4.00
Contribution of Final Exam to Success Grade	60.00		
Total	100.00		
Measurement and Evaluation Techniques Used in the Course			

Contribution of Final Exam to Success Grade	60.00
Total	100.00
Measurement and Evaluation Techniques Used in the Course	

Total	100.00
Measurement and Evaluation Techniques Used in the Course	

Measurement and Evaluation Techniques Used in the Course
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24	ECTS / WORK LOAD TABLE
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ÖK3	0	0	0	2	0	3	0	0	0	0	4	0	0	0	0	0
ÖK4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0
ÖK10	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			