



UIN SUNAN KALIJAGA YOGYAKARTA

FACULTY OF SCIENCE AND TECHNOLOGY

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Undergraduate Programme in Physics

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MODULE HANDBOOK

Module Name	Islam and Science													
Module level, if applicable	Bachelor													
Code, if applicable	USK411004													
Subtitle, if applicable	-													
Courses, if applicable	Islam and Science (Islam dan Sains)													
Semester(s) in which the module is taught	4 th (fourth)													
Person responsible for the module	Vice Rector of Academic Affairs													
Lecturer(s)	Team Teaching													
Language	Indonesia													
Relation to curriculum	Compulsory course in the second year (4 th semester) Bachelor Degree													
Type of teaching, contact hours	100 minutes lectures and 120 minutes structured activities per week.													
Workload	Total workload is 90,67 hours per semester, which consists of 100 minutes lectures per week for 14 weeks, 120 minutes structured activities per week, 120 minutes individual study per week, in total is 16 weeks per semester, including mid exam and final exam.													
Credit points	2													
Requirements according to the examination	Students have taken Islam and Science course (USK411004) and have an examination card where the course is stated on.													
Recommended prerequisites	No prerequisites is stated on													
Module objectives/intended learning outcomes	After completing this course, the students: CO 1. Students are able to decipher, identify, compare, and criticize the western science system in the Islamic paradigm.													
Content	<ul style="list-style-type: none"> ▪ Introduction to Islamic Reason and Science ▪ Structure of Science: Science Facts, Logic and Mathematics, Law and Theory ▪ Science in islamic tradition ▪ Science in western traditions ▪ Contemporary issues: Islam and Cosmology, Islam and Evolution, Islam and Transgender, Capita Selecta Interconnect integration													
Study and examination requirements and forms of examination	The final mark will be weighted as follows: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NO</th> <th style="width: 70%;">Assessment methods (components, activities)</th> <th style="width: 20%;">Weight (percentage)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Final Examination</td> <td>40%</td> </tr> <tr> <td>2</td> <td>Mid-Term Examination</td> <td>30%</td> </tr> <tr> <td>3</td> <td>Assignment</td> <td>30%</td> </tr> </tbody> </table> The final assessment is expressed in the form of a letter value converted from a number value with the following categories:		NO	Assessment methods (components, activities)	Weight (percentage)	1	Final Examination	40%	2	Mid-Term Examination	30%	3	Assignment	30%
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1	Final Examination	40%												
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	NO	Number Value	Letter Value	NO	Number Value	Letter Value
	1	≥ 95	A	7	65-69.99	B/C
	2	90-94.99	A-	8	60-64.99	C+
	3	85-89.99	A/B	9	55-59.99	C
	4	80-84.99	B+	10	50-54.99	C-
	5	75-79.99	B	11	55-34.99	D
	6	70-74.99	B-	12	<35	E
Media employed	White-board, Lcd Projector, e-learning (https://daring.uin-suka.ac.id/)					
Reading list	<ol style="list-style-type: none"> 1. Barbour, I. (1997). <i>Religion and science: Historical and contemporary issues</i>. 2. Purwanto, A. (2015). <i>Nalar Ayat-ayat Semesta: Menjadikan al-Quran sebagai Basis Konstruksi Ilmu Pengetahuan</i>. Mizan. 3. Sani, R. A. (2014). <i>Sains Berbasis Alquran</i>. Bumi Aksara. <p>Masruri, H. H. (2007). <i>Filsafat Sains Dalam Al-Qur'an: Melacak Kerangka Dasar Integrasi Ilmu Dan Agama</i>. El-Qudwah.</p>					

PLO and CO Mapping

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
CO 1	√	√							