

Islam and Science

Course : **Islam and Science**
Grade : 1st Semester (Odd Semester 2022/2023)
Credits : 2 (50 Minutes/meeting, 16 meeting in 1 semester)
Instructor : 1. **Prof. Dr. Imamudin Yuliadi, S.E., M.Si.** (imamudin@umy.ac.id)
2. **Dr. Dyah Titis Kusuma Wardani, S.E., MDEC.**
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DESCRIPTION

Brief Description of the Constitutional Court This course will discuss critically and analytically about the integration and application of Islamic values into science and technology in local, regional, national and global contexts. Successively more focused will be discussed: Science in an Islamic perspective, the nature and position of reason and revelation, verses qauliyah and qauniyah integration of Islam with science, the nature of science

science, technology and art in the view of Islam, the obligation to demand and develop knowledge, and the Islamic view of science, technology and art.

The Course Features

Students will be able to:

- Able to present a middle attitude (tawasuth) in understanding Islamic teachings
- Mastering the integration of Islamic teachings with science and technology
- Able to apply the values of Islamic teachings that are integrated with science and technology by prioritizing the principle of rahmatan lil Alamin
- Able to apply logical, critical, systematic and innovative thinking in the development of science and technology according to their field of expertise

References :

- Yusuf Qardhawi, Al-Qur'an dan Sumber Ilmu Pengetahuan.
- Yusuf Qardhawi, Alqur'an, ilmu pengetahuan dan teknologi
- Zaqlul An-najar, Hadis Nabi dan Sains. Kuala Lumpur: AlHidayah

Assessment :

- A class will be managed by class leader, consists of a class leader and its deputy. They are selected democratically according to class members' agreement. The class leaders will get additional appreciation in terms of marks for respectively 10% and 7.5% out of normal marking arrangement above.

Practically, they are responsible for several tasks:

- ✓ Ensuring class attendance and venue
- ✓ Ensuring class assignment timely collected
- ✓ Intermediating communicating between lecturer and students
- ✓ Assisting other related tasks concerning class if deemed necessary
- Students are allowed to join class for tolerated maximum 15 minutes for late attendance; otherwise, they are forbidden entering class.
- Students who are absence due to getting sick and organizational activities must inform to the lecturer and class leader 2 hours before the class begin.

Syllabus :

Week	Session	Content
1	1	Study contract and RPS
1	1	Al-Qur'an and As-Sunnah as a Source of Science
2	2	The monumental work of Muslims in science and technology includes the following sub-topics:
3	3	The obligation to study, develop and practice it, includes the following sub-topics:
4	4	Ethics development and application of science and technology in the view of Islam,
5	5	Integration of Islam and science, Paradigm of science and technology development,
6	6	The Interrelation of the Truth of the Qur'an and Science and Technology,
7 - 9	7 8,9	Al-Qur'an and As-Sunnah as a Source of Science
10	10	The monumental work of Muslims in science and technology includes the following sub-topics:
11	11	The obligation to study, develop and practice it, includes the following sub-topics:
12	12	Ethics development and application of science and technology in the view of Islam,
13	13	Integration of Islam and science, Paradigm of science and technology development,
14	14	The Interrelation of the Truth of the Qur'an and Science and Technology,
15	15	Al-Qur'an and As-Sunnah as a Source of Science
16	16	The monumental work of Muslims in science and technology includes the following sub-topics: