

COURSE SPECIFICATION 1st SEMESTER

Course Name : Ecosystem in Qur'an Perspective
Code : KP 112
Credit : (2-0)

Course Description:

Ecosystem in Qur'an Perspective are given to achieve the basic competencies on understanding the nature of the universe, the mandate of humans as leader on earth and environmental preservation for sustainability (hard skills). Students can learn throughout life and implement Islamic values in everyday life (soft skills).

References:

Sengbusch, Peter V. "The Flow of Energy in Ecosystems - Productivity, Food Chain, and Trophic Level". Botany online. University of Hamburg Department of Biology. <http://www.biologie.uni-hamburg.de/b-online/e54/54c.htm>.

Pidwirny, Michael (2006). "Introduction to the Biosphere: Introduction to the Ecosystem Concept". Fundamentals of Physical Geography (2nd Edition). <http://www.physicalgeography.net/fundamentals/9j.html>.

Al Quran dan Hadits

Topics:

1. Universe and humans as leader
2. Humans and the environment
3. Environmental damage
4. Environmental management and conservation