

Course

Architecture for the Future

Assignment 3

Biomimicry in Architecture

Biomimicry isn't itself a product but a process, drawing on natural organisms and processes in order to spark innovation as biomimicry looks to nature and natural systems for inspiration.

Based on your biomimicry study, prepare and submit an analytical study for three examples of biomimicry practices in architecture. Each example must be analyzed by the following criteria:

- 1- Define the design problem
- 2- Indicate the inspiration source from nature
- 3- Full explanation for the biomimicry process including:
 - biomimicry approach
 - biomimicry level
 - biomimicry application type

Submission requirements:

- A3 sheet for the analytical study of all examples.

Note: your answer must include sketches for explanation.

Best wishes
Ass. Prof. Dr. Islam Ghonimi
Dr. Wael Salah Mansour

