Earth studies 224 (AAL 224)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	4.00
Programmes	BSc Architecture
	BSc Interior Architecture
Prerequisites	No prerequisites.
Language of tuition	Module is presented in English
Department	Architecture
Period of presentation	Quarter 4

Module content

Environmental filters and forecasting techniques:
Sound: the physical nature of sound, physiology of hearing, sound and noise sources, transfer, absorption and isolation, noise control; measurement, levels, frequency analysis, A-loading, room acoustics, reverberation periods.
Light: properties of natural light, design criteria, daylight factors, diffusion, quality, energy requirements and saving.

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