



Course number: BIB tba
Building Services Engineering B
(ventilation and air conditioning
systems)

Study Level: Bachelor /
Undergraduate

Language of Instruction: English
ECTS Credits: 3

Content:

1. Introduction
2. Loads (VAC)
3. Moist air
4. Indoor air flow
5. Ventilation
6. Distribution and Delivery
7. Air Conditioning

Learning objectives:

Students are able,

- ... calculate air conditioning loads for residential and commercial buildings
- ... apply mass and energy conservation laws for a first sizing of components like fans, chillers, ejectors
- ... specify and verify the commissioning of ventilation and air conditioning systems
- ... improve their English proficiency

Assessment of this course is based on an exam.