

Course Package

Materials Science & Technology - 2B

Name module	Materials Science & Technology - 2B
Course Code	201700382
Educational programme	BSc Chemical Science and Engineering
Period	Second block of the second semester (block 2B)
Study load	15 ECTS
Coordinator	M.A. Stehouwer

Materials Science & Technology			
block 1A	block 1B	block 2A	block 2B
			Advanced Materials Science (5 EC)
			C & T of Inorganic Materials (3 EC)
			C & T of Organic Materials (4 EC)
			Project Materials S&T (3 EC)

Required preliminary knowledge: Basic knowledge of Materials Science.

The purpose of this module is to familiarize you with the relationships between a material's basic properties and its functional application. After all, every device – whether it is an artificial hip or a pair of sunglasses – combines the properties of different materials to achieve a certain purpose. In this module you will attend lectures on material synthesis and characterization, and put the theory in practice. You will discuss the mechanical, thermal and dielectric properties of materials. And in the second half of the module you will set to work on a project on inorganic chemistry.

The modules are tentative and subject to change. Please check [the website](#) regularly.