

Course Package

Materials Physics

MODULE	1A + 1B	30.0 EC
Materials Physics	First semester	

General required preliminary knowledge: Completed Bachelor's Applied Physics.

1A

Choose 3 courses out of 4:

- a. [193510040](#): Theoretical solid state physics (Kelly) – 5 EC*
- b. [193530000](#): Intr. To superconductivity (Dhalle/Hilgenkamp/Golubov/Brinkman) – 5 EC
- c. [191411291](#): Applied quantum mechanics (Kelly/Verschuur) – 5 EC
- d. [201300135](#): Soft and biological matter (Lemay) - 5 EC

* , Required preliminary knowledge for this course: Applied Quantum.

1B

Choose 3 courses out of 5:

- a. [193550020](#): Surfaces and thin layers (Wormeester/Zandvliet/Sturm) – 5 EC
- b. [193530040](#): Intro to high energy physics (v. Eijk) – 5 EC
- c. [193400141](#): Nano-electronics (v.d. Wiel) – 5 EC
- d. [201500167](#): Modern topics in condensed matter physics (van Houselt/Kooij/Wormeester/Zandvliet) – 5 EC
- e. [201100214](#): Applications of superconductivity (Dhalle/ten Kate) – 5 EC*

* , Required preliminary knowledge for this course: '[193530000](#): Intr. To superconductivity'.

Click [here](#) to view the course description of this module in our course catalogue. Please fill in the code in the field 'Course Module/name'.

Academic year

Course module/name
 Also search in description

Show All course modules
 Course modules for which you can register
 Tests for which you can register

Starting block

Course type

Faculty

Organising study

Lecturer

Participating study

Language of instruction

Please note: these packages are not fixed. They serve as an example of what you are able to select. It may be possible for you to make changes if you would like to do so.

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