

Course Package

Materials Physics

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| Name module | Materials Physics |
| Educational programme | MSc Applied Physics |
| Period | First semester (Quarter 1A+1B) |
| Study load | 30 ECTS |

| Materials Physics | | | |
|---|---|------------|------------|
| Quarter 1A | Quarter 1B | Quarter 2A | Quarter 2B |
| Elective 3/4: | Elective 3/5: | | |
| Theoretical solid state physics 193510040 (Kelly, 5 EC) | Surfaces and thin layers 193510040 (Kelly, 5 EC) | | |
| Soft and biological matter 201300135 (Lemay, 5 EC) | Nano-electronics 193400141 (v.d. Wiel, 5 EC) | | |
| Applied quantum mechanics 191411291 (Wood/Lammertink/Duits, 5 EC) | Intro. to high energy physics 193530040 (v. Eijk, 5 EC) | | |
| Intr. To superconductivity 193530000 (Dhalle/et al, 5 EC) | Modern topics in condensed matter physics, 201500167 (van Houselt/et al, 5 EC) | | |
| | Applications of superconductivity* 201100214 (Dhalle/ten Kate, 5 EC) | | |

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

*, 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'.

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|-------------------------|--|
| Academic year | 2017 |
| Course module/name | 201700186 |
| | <input type="checkbox"/> Also search in description |
| Show | <input checked="" type="radio"/> All course modules <input type="radio"/> Course modules for which you can register <input type="radio"/> Tests for which you can register |
| Starting block | No preference |
| Course type | No preference |
| Faculty | No preference |
| Organising study | No preference |
| Lecturer | |
| Participating study | No preference |
| Language of instruction | No preference |

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.