

**Annex 2:
Study plan**

with type and scope of courses given in hrs/week

as well as required work, the type, scope and format of which can be found in the module descriptions

| Module types | Module number | Module name | 1st Semester | 2nd Semester | 3rd Semester | 4th Semester | CP |
|--------------|---------------------|---|-------------------------|-------------------|-------------------|--------------|----|
| | | | L/E/S/P/LC | L/E/S/P/LC | L/E/S/P/LC | L/E/S/P/LC | |
| Core modules | OME-1.1 | Concepts of Molecular Modelling | | | 2/2/0/2/0 2 Ex | | 10 |
| | OME-1.2 | Semiconductor Technology | 4/0/0/0/0 | 2/0/0/1/0 1 Ex | | | 10 |
| | OME-1.3 | Organic Semiconductors | 0/0/2/0/0 1 Ex | 2/0/0/0/0 1 Ex | | | 5 |
| | OME-1.4 | Basics - Solid State Science | 6*/2*/0/2*/0 CW*1 Ex | | | | 15 |
| | OME-2.2 | Optoelectronics | | 4/0/0/0/0 1 Ex | | | 5 |
| | OME-3.1 | Molecular Electronics | | | 2/2/0/0/0 1 Ex | | 5 |
| | OME-3.2 | Materials for Nanoelectronics and Printing Technology | 2/0/0/0/0 1 Ex | 2/0/0/2/0 1 Ex | | | 10 |
| | OME-3.3 | Physical Characterization of Organic and Organic-Inorganic Thin Films | | | 2/0/0/2/0 2 Ex | | 5 |
| | OME-E1 | Work Experience Project | | | 0/0/0/8/0 1 Ex | | 5 |
| | OME-M1 ¹ | Major | | */*/0/*/0 Ex* | */*/0/*/0 Ex* | | 10 |
| | OME-M2 ² | Minor | | */*/0/0/0 Ex* | | | 5 |

| | | | | | | | |
|------------------------------|---------------------------|--|-------------------|-------------------|-------------------|--------------------------|------------|
| Electives³ | OME-E3 | Deutsch als Fremdsprache | 0/0/0/0/4 2 Ex | | | | 5 |
| | M_ESS 2.4 (OME- E4) | Investing in a Sustainable Future | | 2/0/0/0/0 1 Ex | | | 5 |
| | OME-E5 | Current Topics in Materials Science | 1/1/1/0/0 2 Ex | | | | 5 |
| | OME-E6 ⁴ | Academic and Scientific Work | | */*/*/*/0 Ex* | | | 5 |
| | OME-E7 | Semiconductor Industry Challenges: Market Dynamics, Technology Innovations, Yield and Reliability Engineering | | 1/0/0/0/0 | 2/0/0/0/0 2 Ex | | 5 |
| | | | | | | Master's Dissertation | 29 |
| | | | | | | Colloquium | 1 |
| CP | | | 32 | 28 | 30 | 30 | 120 |

¹ This module includes lectures, practical work and potentially also practical sessions totalling 8 hrs/wk.

² This module includes lectures and practical sessions totalling 4 hrs/wk.

³ Alternative (1 out of 5).

⁴ This module includes lectures, practical sessions, seminars and practical work totalling 3 hrs/wk.

CP Credit points

Ex Examination(s)

CW Coursework

L Lectures

E Practical sessions

S Seminars

P Practical work

LC Language course

* Alternative depending on choices made by the students