**Appendix:**
**Study Plan for Full-Time Studies**
with the type and scope of courses in semester hours per week (SWS) and required coursework, the type, scope, and structure of which can be found in the module descriptions.

**Key:**
[1] One specialization (1 out of 2) must be chosen, comprising 25 credit points, consisting of two required modules and one elective module.
[2] The module comprises lectures or seminars totaling 4 SWS.
[*] Alternatively, depending on the student's choice:

| | | | | | |
|---|---|---|---|---|---|
| LP | Credit points | M | Mobility window | P | Lab course |
| PL | Number of exam parts | S | Seminar | SK | Language course |
| SWS | Teaching units per week (1SWS = 45min) | Ü | Exercise/Tutorial | V | Lecture |

| Modul-Nr. | Modulname | 1. Semester | 2. Semester | 3. Semester | 4. Semester (M) | LP |
|---|---|---|---|---|---|---|
| | | V/Ü/S/P/SK | V/Ü/S/P/SK | V/Ü/S/P/SK | | |
| **Pflichtbereich** | | | | | | |
| Phy-Ma-SEP1 | Concepts of Molecular Modelling | | | 2/2/0/2/0 2xPL | | 10 |
| Phy-Ma-SEP2 | Semiconductor Technology | 4/0/0/0/0 | 2/0/0/1/0 1xPL | | | 10 |
| Phy-Ma-SEP3 | Organic Semiconductors | 0/0/2/0/0 1xPL | 2/0/0/0/0 1xPL | | | 5 |
| Phy-Ma-SEP4 | Basics – Solid State Science | 4/0/0/0/0 | 2/0/0/0/0 1xPL | | | 10 |
| Phy-Ma-SEP5 | Basics – Aspects of Sustainability in Device Design, Fabrication, and Post-Use | | | 6/0/0/0/0 1xPL | | 10 |
| Phy-Ma-SEP6 | Materials for Nanoelectronics | 2/0/0/1/0 2xPL | | | | 5 |
| Phy-Ma-SEP7 | Printing Technology | | 2/0/0/2/0 2xPL | | | 5 |
| Phy-Ma-SEP8 | Physical Characterization of Organic and Organic-Inorganic Thin Films | 2/0/0/2/0 2xPL | | | | 5 |
| Phy-Ma-SEP9 | Work Experience Project | | | 0/0/0/8/0 1xPL | | 5 |
| | | | | | Masterarbeit<br>Kolloquium | 25<br>5 |

| Modul-Nr. | | Modulname | 1. Semester<br>V/Ü/S/P/SK | 2. Semester<br>V/Ü/S/P/SK | 3. Semester<br>V/Ü/S/P/SK | 4. Semester (M) | LP |
|---|---|---|---|---|---|---|---|
| **Wahlpflichtbereich**[1] | | | | | | | |
| **Schwerpunkt Electronics** | | | | | | | |
| Pflich | Phy-Ma-M1 | Major Electronics | | 4/0/0/0/0 | 2/0/0/0/0 1xPL | | 12 |
| | Phy-Ma-M3 | Minor Photonics and Nanotechnology | | 4/0/0/0/0 1xPL | | | 8 |
| Wahlpflicht | Phy-Ma-E1 | German as a foreign language – Beginners | 0/0/0/0/4 1xPL | | | | 5 |
| | Phy-Ma-E2 | Current Topics in Materials Science | 1/1/1/0/0 1xPL | | | | 5 |
| | Phy-Ma-E3 | Career Paths | 2/2/0/0/0 1xPL | | | | 5 |
| | Phy-Ma-E4 | General Studies[2] | */0/*/0/0 1xPL | | | | 5 |
| **Schwerpunkt Photonics** | | | | | | | |
| Pflich | Phy-Ma-M2 | Major Photonics | | 4/0/0/0/0 | 2/0/0/0/0 1xPL | | 12 |
| | Phy-Ma-M4 | Minor Electronics and Nanotechnology | | 4/0/0/0/0 1xPL | | | 8 |
| Wahl- | Phy-Ma-E1 | German as a foreign language - Beginners | 0/0/0/0/4 1xPL | | | | 5 |
| | Phy-Ma-E2 | Current Topics in Materials Science | 1/1/1/0/0 1xPL | | | | 5 |
| | Phy-Ma-E3 | Career Paths | 2/0/0/0/0 1xPL | | | | 5 |
| | Phy-Ma-E4 | General Studies[2] | */0/*/0/0 1xPL | | | | 5 |
| **LP** | | | 28 | 31 | 31 | 30 | 120 |