

Course of Study Microelectronics and Microsystems (Study Cohort w19)

Sample course plan X Master Microelectronics and Microsystems (IMPMM)

| Specialisation Communication and Signal Processing | | | | Semester 2 | | | | Semester 3 | | | | Semester 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | Form | Hrs/wk | | Form | Hrs/wk | | | Form | Hrs/wk | | | Form | Hrs/wk | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Microsystem Engineering | | | Seminar Communications Engineering | | | | Project Work IMPMM | | | | Master Thesis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | VL | 2 | Seminar Communications Engineering | | | | | | | | | | | | SE | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | PBL | 2 | Microsystem Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | VL | 2 | | | | | | | | | | | | | | | | | | | | | Microsystem Design | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | PR | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Microsystems Technology in Theory and Practice | | | Fundamentals of IC Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | VL | 2 | | | | | | | | | | | | | Fundamentals of IC Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | PBL | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | VL | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Fundamentals of IC Design | | | | | | | |
| 11 | | PR | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | CMOS Nanoelectronics with Practice | | | | | | | | | | | | | | | | | | | | | | | | | | | Laboratory: Analog and Digital Circuit Design (part 1) | | | | | | | | | | | | | | | | | | | |
| 14 | | VL | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Laboratory: Digital Circuit Design | | | | | | | |
| 15 | | GÜ | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | PR | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Electronic Devices and Circuits | | | Advanced Concepts of Wireless Communications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | VL | 2 | | | | | | | | | | | | | Advanced Concepts of Wireless Communications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | VL | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | Communication Networks | | | | | | | | | | | | | | | | | | | | | | | | | | | Laboratory: Analog and Digital Circuit Design (part 2) | | | | | | | | | | | | | | | | | | | |
| 26 | | VL | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Laboratory: Analog Circuit Design | | | | | | | |
| 27 | | PBL | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | PBL | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Business & Management (from catalogue) - 6LP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Non-technical Courses for Master (from catalogue) - 6LP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

