ABP Mastertrack
# Smart Mobility Data Science and Analytics 2023-2024

Exit point program TU/e

| Code | | Quarter | Timeslot | ECTS |
|---|---|---|---|---|
| Compulsory courses | | | | |
| Code | Summerschool | | | 3 |
| 7ZW5M0 | Smart healthy urban environment | 2 | D | 5 |
| 7SMI0 | Internship SMDSA | | | 2 |
| Compulsory I&E course | | | | |
| 1ZM160 | Innovation and entrepreneurship study | 1 | A | 5 |
| I&E electives (choose 5 ects out of 15) | | | | |
| 1ZM16 | Management of product development | 1 | D | 5 |
| 0EM160 | Innovation and intellectual property rights | 2 | B | 5 |
| 1ZM120 | Entrepreneurial marketing | 2 | B | 5 |
| Specialization electives (choose 15 ects out of 40) | | | | |
| 2DME20 | Non-linear optimization | 1 | C | 5 |
| 0HM310 | Automotive human factors | 1 | C | 5 |
| 2AMI10 | Foundations of process mining | 1 | D | 5 |
| 2IIG5 | Data mining and machine learning - BE | 2 | C | 5 |
| 1CM110 | Decision making in transport and mobility | 2 | A | 5 |
| 2AMU10 | Foundations of artificial intelligence | 2 | A | 5 |
| 0LM190 | Philosophy and ethics of AI | 2 | B | 5 |
| 1CM240 | Artificial intelligence for logistics and its interfaces | 3 | D | 5 |
| | | | | |
| 7SM30M0 | Graduation project SMDSA | 2-4 | | 30 |
| | | **total** | | **65** |