# ETH zürich

# Transcript of records

(not an official document)

| First name | Philippe Andrin |
|---|---|
| Last name | Brigger |
| Student ID number | 18-927-822 |
| Regulations | Master's Degree Programme in Robotics, Systems and Control of 16.05.2017 |
| Date printed | 2024.11.13 |

**Key:**
**Sess.:** Examination session; for semester performance the following session (**S14:** Summer 2014, **W14:** Winter 2013/14); **Obt.:** credits obtained; **Req.:** minimum credits required in accordance with the regulations; **Diff.:** credits to be obtained; **Wgt.:** Weight; **pass:** passed; **fail:** failed; **no show:** no show or broken off

| | | Sess. | Grade | Wgt. | ECTS credits | | |
|---|---|---|---|---|---|---|---|
| | | | | | Obt. | Req. | Diff. |
| **Master's Degree Programme in Robotics, Systems and Control** | | | | | 96 | 90 | |
| ▶ Core Courses | | | | | 37 | 36 | |
| MOB-003 | Adaptive Control Systems / National University of Singapore | S22 | 6 | | 5 | | |
| MOB-002 | Autonomous Robot Systems / National University of Singapore | S22 | 6 | | 5 | | |
| 227-0216-00 S | Computational Control | S23 | 5.5 | | 6 | | |
| MOB-001 | Control Systems Design and Simulation / National University of Singapore | S22 | 6 | | 5 | | |
| 151-0563-01 S | Dynamic Programming and Optimal Control | W23 | 5.25 | | 4 | | |
| 151-0660-00 S | Model Predictive Control | S23 | 5 | | 4 | | |
| 376-1504-00 S | Physical Human Robot Interaction (pHRI) | W23 | 5.75 | | 4 | | |
| 151-0325-00 S | Planning and Decision Making for Autonomous Robots | W23 | 6 | | 4 | | |
| ▶ Multidisciplinary Courses | | | | | 10 | 6 | |
| 151-0566-00 S | Recursive Estimation | S23 | 4.75 | | 4 | | |
| 151-0632-00 S | Vision Algorithms for Mobile Robotics (University of Zurich) | W23 | 5 | | 6 | | |
| ▶ Science in Perspective | | | | | 3 | 2 | |
| 363-0387-00 S | Corporate Sustainability | W23 | 5.5 | | 3 | | |
| ▶ Semester Project | | | | | 8 | 8 | |
| 151-1014-00 S | Semester Project Robotics, Systems and Control | W24 | 5.5 | | 8 | | |
| ▶ Industrial Internship | | | | | 8 | 8 | |
| 151-1090-00 S | Industrial Internship | W22 | pass | | 8 | | |
| ▶ Master's Thesis | | | | | 30 | 30 | |
| 151-1016-00 S | Master's Thesis Robotics, Systems and Control | S24 | 5.75 | | 30 | | |
| **Performance Assessments without Category** | | | | | 16 | | |
| MOB-004 | Chinese 1 / National University of Singapore | S22 | 5.5 | | 5 | | |
| 851-0876-00 S | Chinesisch II (A1.2) | S23 | 4.25 | | 3 | | |
| 252-0220-00 S | Introduction to Machine Learning | S23 | 4.5 | | 8 | | |