**Provisional study plan**

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| **Name:** | **ITU email:** | **Date:** |
| **Study Programme:** | |  |

**Your study plan must start from your first semester at ITU.**

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| **Semester** *Autumn/Spring + year* | | **Name of courses/project, ECTS and function** | **Name of courses/project, ECTS and function** | **Name of courses/project, ECTS and function** | **Name of courses/project, ECTS and function** | **Total ECTS** *(passed or expected to pass)* |
| 1. | Autumn  2021 | Introduction to Data Science and Programming  15 ECTS – mandatory | Linear Algebra and Optimisation  7.5 ECTS – mandatory | Data Science in Research, Business and Society  7.5 ECTS – mandatory |  | 30 ECTS |
| 2. | Spring  2022 | First Year Project  15 ECTS – mandatory | Algorithms and Data Structures 7.5 ECTS – mandatory | Applied Statistics  7.5 ECTS – mandatory |  | 30 ECTS |
| 3. | Autumn  2022 | Machine Learning  15 ECTS – mandatory | Introduction to Database Systems  7.5 ECTS – mandatory | Network Analysis  7.5 ECTS – mandatory |  | 30 ECTS |
| 4. | Spring  2023 | 2nd Year Project (Intro to Natural Language Processing and Deep Learning)  15 ECTS – mandatory | Data Visualisation and Data-Driven Decision-Making  7.5 ECTS – mandatory | Large-Scale Data Analysis  7.5 ECTS – mandatory |  | 30 ECTS |
| 5. | Autumn  2023 | Software Development and Software Engineering  7.5 ECTS – mandatory | Technical Communication  7.5 ECTS – mandatory | Security and Privacy  7.5 ECTS – mandatory | (insert course name if possible)  7.5 ECTS - elective | 30 ECTS |
| 6. | Spring  2024 | Bachelor Project  15 ECTS – mandatory | Reflections on Data Science  7.5 ECTS – mandatory | (insert course name if possible)  7.5 ECTS - elective |  | 30 ECTS |
| 7. | 2024 |  |  |  |  |  |
| 8. | 2025 |  |  |  |  |  |