**Provisional study plan**

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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. | Autumn2021 | Introduction to Data Science and Programming15 ECTS – mandatory  | Linear Algebra and Optimisation 7.5 ECTS – mandatory | Data Science in Research, Business and Society7.5 ECTS – mandatory |  | 30 ECTS  |
| 2. | Spring2022 | First Year Project15 ECTS – mandatory | Algorithms and Data Structures7.5 ECTS – mandatory | Applied Statistics7.5 ECTS – mandatory |  | 30 ECTS |
| 3. | Autumn2022 | Machine Learning15 ECTS – mandatory | Introduction to Database Systems 7.5 ECTS – mandatory | Network Analysis7.5 ECTS – mandatory |  | 30 ECTS |
| 4. | Spring2023 | 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 Analysis7.5 ECTS – mandatory |  | 30 ECTS |
| 5. | Autumn2023 | Software Development and Software Engineering7.5 ECTS – mandatory | Technical Communication7.5 ECTS – mandatory | Security and Privacy7.5 ECTS – mandatory | (insert course name if possible) 7.5 ECTS - elective | 30 ECTS |
| 6. | Spring2024 | Bachelor Project15 ECTS – mandatory | Reflections on Data Science7.5 ECTS – mandatory | (insert course name if possible) 7.5 ECTS - elective |  | 30 ECTS |
| 7. | 2024 |  |  |  |  |  |
| 8. | 2025 |  |  |  |  |  |