Schedule for the Course Theoretical Ecotoxicology: Concepts and applications
(Module EnviTox-MA-9, Summer semester 2024/25)

Lecture	Date	Topic
1_Introduction	9.4.2025	General introduction (including model types), useful tools (Quarto/Markdown), and software installation
2_EcotoxDatabase	16.4.2025	Ecotoxicological databases and automated access of databases
3_ComplexData	23.4.2025	Dealing with complex data and designs (incl. Mixed effect models)
4_DoseResponse	30.4.2025	Dose-response modelling
5_MultipleStressor	7.5.2025	Multiple stressor and mixture modelling
6_Bioaccumulation	14.5.2025	Bioaccumulation modelling
7_TKTD1	21.5.2025	TKTD modelling
7_TKTD2	28.5.2025	TKTD modelling II
8_EcoModel1	4.6.2025	Introduction ecological modelling I
8_EcoModel2	11.6.2025	Introduction ecological modelling II
9_MachineLearning1	18.6.2025	Machine learning and toxicity prediction I
9_MachineLearning2	25.6.2025	Machine learning and toxicity prediction II
10_Toxicogenomics1	2.7.2025	Toxicogenomics modelling I
10_Toxicogenomics2	9.7.2025	Toxicogenomics modelling II
11_Projects	16.7.2025	Toxicogenomics modelling III and Introduction projects and portfolios