Ideal study plan

Applied Math and Scientific Computing

1	Intro. Statistics	Intro. Programming	Information Systems	Linear Algebra I		Analysis for DS I
2	Hands-on ML and DS		Algor. & Datastruc.	Linear Algebra II		Analysis for DS II
3	Foundations of Data Science		Adv. Programming	Intro. Stochastics	Optimization for DS	Analysis III
4	Foundations of Machine Learning		DS Lab	Statistical Learning	Differential Equations I	Intro. Scientific Computing
5	Practical Training		Ethics for Algorithms and Data	Data Assimilation	Differential Equations II	Intro. Mathematical Modeling
6	Thesis		DS BSc Seminar	Studium Pro	Models for Weather and Climate	Intro. Numerical Analysis