

02477 Bayesian Machine Learning - Course plan

Revised January 29th, 2021

Week	Topic
1	Intro, basic concepts, Beta-Binomial model
2	Bayesian Linear Regression
3	Bayesian Classification and Laplace approximations
4	Gaussian Processes
5	Generalization and evaluation
6	Sampling methods 1
7	Sampling methods 2, hierarchical models
8	Variational inference 1
9	Variational inference 2, mixture models
10	Stochastic optimization and black box variational inference
11	Network models
12	Bayesian neural networks

The plan may be subject to change.