Period III: 9.1.-26.2. (weeks 2-8) Exam week: 20.2.-26.2. (week 8)

Period IV: 27.2.-23.4. (weeks 9-16) Exam week: 17.4.-23.4. (week 16)

#### **Exams**

Exam: 18.4. from 13:00 to 17:00

Retake: 7.6. at TBD

#### Lectures

Lectures will be in-person.

Recordings from previous years are provided.

### **Exercise sessions**

TAs give guidance for solving exercises and can explain correct answers to previous rounds. Exercise sessions A and B are similar and you can join either one or even both.

### Week 2 (9.1-15.1.)

Fri 13.1. 10:15 AS2 Lecture 1 Introduction

# Week 3 (16.1-22.1.)

Wed 18.1.	16:15 Maari-A	Assignment 1 (A)	Probabilities, graphs
Fri 20.1.	10:15 AS2	Lecture 2	Bayesian networks
Fri 20.1.	14:15 Maari-B	Assignment 1 (B)	

# Week 4 (23.1-29.1.)

Wed 25.1.	16:15 Maari-A	Assignment 2 (A)	Bayesian networks
Fri 27.1.	10:15 AS2	Lecture 3	MV Gaussian, Bayesian linear models
Fri 27.1.	14:15 Maari-B	Assignment 2 (B)	

### Week 5 (30.1-5.2.)

Wed 1.2.	16:15 Maari-A	Assignment 3 (A)	MV Gaussian, Bayesian linear models
Fri 3 2	14·15 Maari-B	Assignment 3 (R)	

# Week 6 (6.2-12.2.)

Fri 10.2.	10:15 AS2	Lecture 4	ML-II, Laplace,	Gaussian mixture
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# Week 7 (13.2.-19.2.)

Wed 15.2.	16:15 Maari-A	Assignment 4 (A)	ML-II, Laplace, Gaussian mixture
Fri 17.2.	10:15 AS2	Lecture 5	Expectation maximization
Fri 17.2.	14:15 Maari-B	Assignment 4 (B)	

### Week 8 (20.2.-26.2.)

Exam week, no teaching

### Week 9 (27.2.-5.3.)

Wed 1.3.	16:15 Y342a	Assignment 5 (A)	Expectation maximization
Fri 3.3.	10:15 AS2	Lecture 6	Variational Bayes
Fri 3.3.	14:15 Maari-B	Assignment 5 (B)	

# Week 10 (6.3.-12.3.)

Wed 8.3.	16:15 Y342a	Assignment 6 (A)	Variational Bayes
Fri 10.3.	10:15 AS2	Lecture 7	Model selection
Fri 10.3.	14:15 Maari-B	Assignment 6 (B)	

# Week 11 (13.3.-19.3.)

Wed 15.3.	16:15 Y342a	Assignment 7 (A)	Model selection
Fri 17.3.	10:15 AS2	Lecture 8	Latent linear models
Fri 17.3.	14:15 Maari-B	Assignment 7 (B)	

# Week 12 (20.3.-26.3.)

Wed 22.3.	16:15 Y342a	Assignment 8 (A)	Latent linear models
Fri 24.3.	10:15 AS2	Lecture 9	Stochastic variational inference
Fri 24.3.	14:15 Maari-B	Assignment 8 (B)	

# Week 13 (27.3.-2.4.)

Wed 29.3.	16:15 Y342a	Assignment 9 (A)	Stochastic variational inference
Fri 31.3.	10:15 AS2	Lecture 10	Recap
Fri 31.3.	14:15 Maari-B	Assignment 9 (B)	

# Week 14 (3.4.-9.4.)

No assignments or lectures.

# Week 15 (10.4.-16.4.)

No assignments or lectures.

# Week 16 (17.4.-23.4.)

Exam week, exam on Tuesday 18.4. at 13:00