

# Syllabus

## Mathematics for Machine Learning, 4hp

Issued by the WASP graduate school management group *draft*

### **Main field of study**

AI/mlx

### **Course level**

PhD student course

### **Course offered for**

PhD Students in the WASP graduate school

### **Entry requirements**

This is an introductory course targeting students with a less strong background in mathematics.

### **Intended learning outcomes**

The student should get the theoretical mathematical background knowledge expected for the machine learning parts of all WASP-courses.

### **Course content**

The mathematical foundations for machine learning following Duesenroth et al's book Mathematics for Machine learning p. 1-249.

### **Teaching and working methods**

There will be two onsite meetings.

### **Examination**

Assignments

### **Grades**

Fail or Pass