



UPPSALA  
UNIVERSITET

# Course contents

Background

Neural basics and supervised learning

Extensions and variants

Reinforcement learning

Unsupervised learning

Evolutionary methods

Swarm intelligence

Natural Computation!

# Course outline

- 17 lectures, *January 18 – April 10*
- 5 labs (1 voluntary, 4 mandatory)
- Self defined student project
  - ✱ Kickoff lecture *March 28*
- Written exam, *April 12*
- Seminars *May 31- June 1*
- Re-exams in June and August