Deep neural networks have been achieving significant state-of-the-art results in many areas (image/text/speech recognition and generation, games playing, and many more).

The course focuses both on newest theory and practical implementations in Python and PyTorch. Basic Python skills required, no previous neural networks knowledge needed, basic machine learning understanding advisable.

Assignments every week, including competition tasks where the goal is to obtain the highest performance in the class.

Now in PyTorch, 8 e-credits, 3/4, NPFL138.

https://ufal.mff.cuni.cz/courses/npfl138