
Addition to Module title:

2. Module ID: 052400616
5. Module Duration: 1 Semester

3. Credits Points (CP): 3.0
6. Rotation Cycle: every 2. Semester, WiSe

4. Hours per week in term (sws): 1.0
7. Language: English

8. Module Responsible: Univ.-Prof. Sebastian Pado

9. Lecturers: Univ.-Prof. Sebastian Pado

11. Requirements: Statistical natural language processing (recommended)

12. Learning Targets: Students have acquired in-depth knowledge of several machine learning methods that are used in natural language processing and are familiar with the relevant literature.

13. Course Contents:
   - Maximum entropy models
   - Regression and regularized regression
   - Support vector machines
   - Sequence models
   - Generative models
   - Parameter estimation

14. References/Learning Aids:

15. Course: [31600] Machine Learning for NLP

16. Estimation of Student Workload:
   Präsenzzeit: 28h
   Selbststudium: 60h

17a. Study Achievements (Unmarked):

17b. Examination Achievements (Marked):

18. Basic for:

19. Media Form:

20. Exam names and numbers: [31601] Machine learning for NLP (Translation not available) (BSL) schriftlich, eventuell mündlich Gewichtung: 1.0

21. Offered by: Institut für Maschinelles Sprachverarbeitung

Date: 1. November 2018