Georg-August-Universität Göttingen **Module M.Inf.2242: Journal Club Machine Learning and Computational Neuroscience**	5 C 2 WLH

Learning outcome, core skills: After successful completion of the module, students • have gained a deeper knowledge in specific topics within the fields of machine learning and computational neuroscience • have improved their oral presentation and discussion skills • know how to methodically read and critically analyse original scientific research papers • are able to lead a scientific discussion on an original research paper	**Workload:** Attendance time: 28 h Self-study time: 122 h

Course: M.Inf.2242.C **Journal Club Machine Learning and Computational Neuroscience**	2 WLH
Examination: Two Oral Presentations (approx. 20 minutes each), not graded M.Inf.2242.Mp: Journal Club Machine Learning and Computational Neuroscience **Examination prerequisites:** Regular participation **Examination requirements:** Knowledge of current topics in machine learning and computational neuroscience; ability to present the acquired knowledge orally and lead a discussion on the topic.	5 C

Admission requirements: none	**Recommended previous knowledge:** B.Inf.1236 and B.Inf.1237 or equivalent
Language: English	**Person responsible for module:** Prof. Dr. Alexander Ecker
Course frequency: each semester	**Duration:** 1 semester[s]
Number of repeat examinations permitted: twice	**Recommended semester:** 4
Maximum number of students: 10	

Additional notes and regulations: For students who are writing their thesis in the Neural Data Science or Machine Learning Group.