**Acad. Year:** 2021/2022Z

**Course code:** 290001-0286

**Date and time:** 2021.09.20 11:41:18

**Coordinator:** dr hab. prof. SGH Bogumił Kamiński

**Proposed title:** Fair-aware credit scoring: an algorithmic fairness analysis in a machine learning context

**Application for the Seminar**: This thesis aims to evaluate the performance of different machine learning algorithms in a credit scoring setting. From a theoretical point of view, we will consider all phenomena that may arise when working with credit scoring models. Also, from a practical point of view, we will compare all credit scoring models when added sensitive variables which are not considered due to regulatory norms (aka fair-aware credit scoring modelling).