Courses taught in English at the Faculty of Economic Sciences

Module No.: M.WIWI-WIN.0019 **Title:** Business Intelligence and Decision Support System	**Credits: 6**

Course Content:	Course Type:
This course introduces theoretical foundations and practical applications of IT systems that support managerial decision making. It covers Business Intelligence (BI) and Decision Support Systems (DSS) and has a focus on both benefits and limitations of corresponding approaches. The course provides insights into concepts behind decision making, the various phases of the decision making process and DSS/BI concepts. Furthermore, it provides an introduction to selected data mining techniques such as decision trees, artificial neural networks (ANN), and support vector machines (SVM). The course addresses practical issues of complex decisions (e.g. in Finance) and explores dataset requirements, time restrictions and computational requirements of different approaches.	Lecture

Recommended Prerequisites:	Exam:
-	Written test (90 Minuten)

Recommended Semester:	Cycle:
-	Every winter term

Literature:	Lecturer:
will be provided for each session.	Prof. Muntermann