Module	IT – Management and Controlling
Semester	1
Responsible	Gunnar Prause, Prof. Dr. math. www.wi.hs-wismar.de/gunnar.prause
Lecturer	Gunnar Prause
Language	English
Curriculum	Core module in the degree programme Master of Business Systems
Type of teaching	Private studies according to study notes including literature research using textbooks or other sources. Workshop, case study, discussion group, application to course project. Support is given via the Learn Management System Stud.IP including information, references, or files. Various communication channels are used, including email, forum, chat, wiki-pages or online tutorials. Work-based learning by linking information technology theory with workplace environment and experience.
Workload	Focused work on the topics during the semester is required. A full-day workshop. Case study including term paper requires independent and focused attention. Approximately 110 hours self-study required.
Credit points	5
Prerequisites	The students should have bachelor knowledge in business administration, informatics and accountancy. Work experiences are facilitating the understanding of concepts and methods.
Module objectives	Goals: The course is intended to develop understanding of both strategic and operational issues of IT – management and Controlling. On completion of the course, the students know the concepts and methods of IT - management, IT – controlling and IT – auditing as well as the applications and ways to analyse, evaluate and control IT – related projects and processes, to identify and assess related risks so that they are able to solve problems and inefficiencies in IT - management. Learning outcomes: Students are able to observe and analyse strategic and operational issues of IT – management and they are able - to understand the concepts and deal with problems that may appear in IT management, - to perceive interdisciplinary relations in IT – management and controlling and to use that information in decision making - to choose suitable methods and technologies for solving IT – management problems - to analyse problems from multiple viewpoints and to present, discuss and defend their views - to further to develop their team working and management skills via group work - to further acquire knowledge by studying and being able to understand higher level academic approaches of IT – management and controlling.
Content	The successful management of IT systems and organization requires profound knowledge and skills in project and process management as well as in the evaluation and controlling of related IT – activities. Due to increasing complexity in IT sector risk management as well as topics like compliance, fraud and security are gaining continuously importance. The module tries to cope with these developments by discussing the following topics: a. IT – Project Management b. IT – Controlling

	c. IT – Risk Management d. IT – Auditing
Examination	Written examination, review of case study or oral presentation. Assessment details will be provided at the beginning of the semester.
Reading list	B. McNurlin, Barbara; et al. (2009). "Information Systems Management in Practice (8th ed.)". Prentice Hall. Irani, Z.; Love, P. (2001): Information systems evaluation: past, present and future. European Journal of Information Systems, Vol. 10 (4), p. 183-188. Anthony, R. and Govindarajan, V., 2007. Management Control Systems, Chicago, Mc-Graw-Hill IRWIN. R. Moeller; IT Audit, Control, and Security; 2nd ed., Wiley. Rom, A.; Rohde, C. (2007). Management accounting and integrated information systems: A literature review, International Journal of Accounting Information Systems (8:1), pp 40-68. Remenyi, D., Bannister, F., and Money, A. The Effective Measurement and Management of ICT Costs and Benefits, Oxford, 2007. ISBN 0-7506-8328-7.
Notes	Topics are related to management, informatics, security, controlling and projects.