

DART: Doctoral Program in Accounting, Reporting, and Taxation - Winter Term 2016/17

Required Courses	Courses at the University of Graz - FIRST YEAR						
BASIC COURSES				ECTS		Content:	Previous knowledge expected:
Introduction to Quantitative Methods	329.401	Mathematical and Statistical Methods (Mathematical Methods)	VU	6	Johann Kellerer	Short recapitulation of linear algebra, Determinants, Eigenvalues, Eigenvectors; Repetition of functions with multiple variables, optimization of functions with multiple variables under Repetition of integration, simple differential equations constraints, Lagrange-method, Kuhn-Tucker conditions	basic calculus and linear algebra
Analytical Methods 1	334.510	Analytical Methods	VU	6	Michael Kopel, Ferenc Szidarovszky	This is a PhD course on Game Theory and Information Economics. Topics: static and dynamic games;	Advanced Microeconomics, Game Theory, and Optimization Techniques.
Empirical Methods 1	330.605	Empirical Methods (Accounting)	VU	6	David Windisch	The core of the course is concerned with the theory and the application regarding widely used empirical methods in accounting research, such as classical (multiple) linear regression models; properties of regression coefficients and hypothesis testing; models for panel data; dummy variables; non-linear regression models; identification. A second part of the course is dedicated to the critical review of selected empirical papers.	none
Financial Economics	333.800	Ökonomische Modelle (Financial Economics)	SE	6	Peter Steiner	Preferences Representation and Risk Aversion Mathematical Portfolio Analysis Valuation of Complex Securities Financial Markets and Asymmetric Information	none

Required Courses	Courses at the University of Graz - SECOND YEAR						
SPECIALIZED COURSES				ECTS		Content:	Previous knowledge expected:
Research Seminars	346.100	Auditing and Taxation - DART	SE	6	Ralf Ewert, Rainer Niemann	This research seminar is especially offered for collegiates enrolled in the DART-program (depending on available resources, the seminar may be openend to other (doctoral) students as well). Its focus is to make students familiar with selected and topical research issues in auditing and taxation. Participants have to write a paper on a certain research area and to present this paper to the audience.	The seminar is part of the program for the third DART-semester and requires the successful completion of the previous courses.
Advanced Paper Writing Seminar	346.500	Advanced Paper Writing Seminar	SE	6	Ralf Ewert, Alfred Wagenhofer	In this seminar we will critically review papers using methods in	none
Mini Graduate Workshop		Mini Graduate Workshop					

Required Courses	Courses at the University of Graz - THIRD YEAR						
SPECIALIZED COURSES				ECTS		Content:	Previous knowledge expected:
Doctoral Colloquium	346.800	Doctoral Colloquium 1 (DART)	DQ	6	Ralf Ewert, Michael Kopel, Rainer Niemann, Alfred Wagenhofer	Doctoral students present their dissertation projects. The focus of DQ1 is on the general problem tackled, a literature review, the central research questions and the employed methods in the dissertation. Besides the student presentations, invited guest speakers will give talks on their current research topics.	Completed Rigorosum, progress in dissertation project (completion of literature review, draft of research design) Ideally, DQ1 is attende when the general approach for tackling the research questions is sorted and the empirical work is about to start (or is at least not completed to allow for modifications).
Mini Graduate Workshop		Mini Graduate Workshop					