

Master of Economics

Lecture Title:	Discounted (Repeated and Stochastic) Games		
Lecturer:	Johannes Horner		
Lecture Code:	017919	ECTS:	3
Term:	Winter Term 2015	Contact hours:	20
Lecture Dates:	see teaching schedule		
Final Exam:		Frequency of lecture:	3 times a week
Prerequisites:			
Language of instruction:	English		
Contact information			
	Johannes Hörner 30 Hillhouse Ave., Cowles Foundation, Yale University		
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Office hours	TBA		
Course website	https://sites.google.com/site/jo4horner/		
Learning Objectives: (What are the intended learning outcomes? Which skills will be acquired?)			
	The purpose of this course is to learn about recent developments in repeated and stochastic games, with (or without) imperfect monitoring, or incomplete information: what has been achieved, what nagging open problems remain		
Content: (Which professional competence and which contents will be imparted?)			
	The course is designed to be self-contained. However, mathematical maturity is expected. Basic knowledge of game theory is taken for granted (e.g., subgame-perfect equilibrium, sequential equilibrium)		
Teaching Approach: (Description of the learning and teaching methods)			
	Lecture notes will be distributed. Readings (papers) will be assigned. Blackboard, blackboard, blackboard!		
Workload: (Definition of workload (ECTS), divided in pre-modules (e.g. pre-readings), core-modules (contact hours), post-modules (e.g. case studies)):			

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<p>Required literature: (scripts, books, articles, cases, papers)</p>	<p>Lecture notes will be posted.</p>
<p>Recommended literature: (books, articles, cases, papers)</p>	<p>Useful but optional complements are:</p> <ul style="list-style-type: none"> - Mailath and Samuelson, Repeated Games and Reputations. - Mertens, Sorin and Zamir: Repeated Games.
<p>Special features: (e.g. excursion, guest speaker):</p>	
<p>Mode of examination: (Mode of examinations and tests (e.g. oral or written examination, lecture, homework, papers, class participation)):</p>	<p>One written final homework.</p>
<p>Grading:</p>	<p>Class participation, Practice Sessions: (20%) Midterm Exam: (%), Final written exam: (80%) Others: (%)</p>