

INTEGRATED MASTER PROGRAM (IMP)

MEP Master of Economics and Politics

MF Master of Finance

MIE Master of Internet Economics

Course title	Futures and Options		
Instructor	Dr. Ernst August Frhr. v. Hammerstein	Semester	2nd
ECTS (credit points)	6	Contact hours (SWS)	2+2
Prerequisites			
Learning target/ qualification	Introduction to basic principles of risk-neutral valuation of futures, standard and exotic options as well as interest rate derivatives.		
Content	In this course we introduce financial models in discrete as well as in continuous time and explain the basic principles of risk-neutral valuation of derivatives. Besides of futures and standard put and call options of European and American type a number of more sophisticated derivatives and exotic options is introduced as well. We also discuss interest-rate sensitive instruments such as caps, floors and swaps.		
Exam type	120 min. written examination at the end of the semester		
Literature	Chance, D.M., Brooks, R.: <i>An Introduction to Derivatives and Risk Management</i> , 8 th ed., South-Western, 2009 Hull, J.C.: <i>Options, Futures, and other Derivatives</i> , 7 th ed., Prentice Hall, 2009 Strong, R.A.: <i>Derivatives. An Introduction</i> , 2 nd ed., South-Western, 2004		
Additional Information & Links	http://www.stochastik.uni-freiburg.de/Vorlesungen/vvSS2011/VorFuOp/ https://www.verwaltung.uni-freiburg.de/lsfserver/rds?state=verpublish&status=init&vmfile=no&publishid=93334&moduleCall=webInfo&publishConfFile=webInfo&publishSubDir=veranstaltung		