



## Block Seminar on Credit Risk

### **Outline:**

In July 2012 we provide a block seminar on Credit Risk. The course focuses on modelling and measuring portfolio credit risk and on pricing certain credit derivatives. Topics include firm value models, factor models, hazard rate models, valuation of credit default swaps, securitization, asset backed securities, value-at-risk and expected shortfall, coherent risk measures, pricing of collateralized debt obligations as well as regulatory models for portfolio credit risk such as the internal ratings based approach.

### **Instructor:**

JProf. Dr. Eva Lütkebohmert-Holtz and Daria Lavrentev, Research Group Financial Mathematics, Institute for Research in Economic Evolution

### **Participants:**

This course is primarily intended for students in the second year of the master program, and can be regarded as preparation for their work on the master thesis.

Pre registration is required. Applications for the seminar including transcript can be send to Daria Lavrentev until May 28<sup>th</sup>, 2012 (daria.lavrentev@vwl.uni-freiburg.de). Students in their last year of study will have priority.

### **Prerequisites:**

*Principles of Finance.*

### **Course Schedule:**

The first meeting will take place on Monday, June 4<sup>th</sup>. The seminar will take place in the first or second week of July. The exact dates and location are available on our web page.

### **ECTS (credit points):**

4 ECTS points based on the presentation and a seminar paper to be submitted until August 31<sup>st</sup>. For particular topics the students will be allowed to work in groups (2-3 students). The course can be dropped without penalty until two weeks before the presentation. Thereafter withdrawal will count as a failed examination attempt!

## Contact:

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**Additional Information:** <http://www.prim.uni-freiburg.de/lehre>