Course unit: Credit risk

- Title in French: Risque de crédit
- Course code: tba
- ECTS credits: 1
- Teaching hours: 25h
- Type: elective course
- Language of instruction: English
- Coordinator: Renaud Bourlès
- Instructor(s): Bolanjiva Randrianarizafy (Natixis)

Brief description

This course is an elective course and is aimed at understanding the notion of credit risk and its role in banking regulation.

Learning outcomes

- Provide a panorama on banking regulation
- Understand most basic financial instruments (loans, securitization, bonds etc.)

Course content

1. Introduction: bonds and OTC transactions
2. Modeling defaults: structural models and ratings
3. Structured financing: plain-vanilla, asset financing, securitization etc.
4. Banking regulation on credit risk

Bibliography

- BRUYERE R., CONT R., FERY L., JAECK C. and SPITZ T. (2005) : Credit derivatives, Wiley.
- GOURIEROUX C. et TIOMO, A. (2007) : Risque de crédit: une approche avancée, Economica.
- MERTON R. (1998) : Continuous time finance, Blackwell Publishers.
- SCHONBUCHER P. (2002) : Credit derivatives pricing models, Wiley.