

## Understanding Global Risks

Course title – Intitulé du cours	Understanding Global Risks
Level / Semester – Niveau / semestre	M2 / S4
School – Composante	Ecole d'Economie de Toulouse
Teacher – Enseignant responsable	Ulrich Hege
Other teacher(s) – Autre(s) enseignant(s)	At least five experts and practitioners
Other teacher(s) – Autre(s) enseignant(s)	(names to be announced during the course)
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Lecture Hours – Volume Horaire CM	30
TA Hours – Volume horaire TD	
TP Hours – Volume horaire TP	
Course Language – Langue du cours	English / Anglais
TA and/or TP Language – Langue des TD et/ou TP	

### **Teaching staff contacts – Coordonnées de l'équipe pédagogique :**

Email and office: Ulrich Hege, [ulrich.hege@tse-fr.eu](mailto:ulrich.hege@tse-fr.eu)

### **Course Objectives – Objectifs du cours :**

This course aims to introduce students to an understanding of the origins, issues and possible consequence of a number of Global Risks that constitute the motivation and the purpose of the Master EGR. The course will be organized as a seminar of a series of short course modules (typically 3 or 6 hours) that are delivered by experts and practitioners. Risks that are of interest for this course are for example: war, cyber risks, risks in supply chains, food and energy security supply, terrorism, climate change, pandemics. Not all of these risks will be covered in a typical year.

The course will be organized as a yearlong seminar, spanning the entire year. Student involvement is particularly intense in the second semester when the course project is due.

### **Prerequisites – Pré requis :**

The prerequisites for this course are Macroeconomics (M1), Microeconomics (M1) and Econometrics (M1). Finance, macroeconomics, econometrics, data science and other knowledge acquired in the first semester will be useful and applicable for the course project.

### **Practical information about the sessions – Modalités pratiques de gestion du cours :**

Students are expected to attend and actively participate in all lectures.

### **Grading system – Modalités d'évaluation :**

The final grade consists of the following parts :

- Course project due at semester end (announcement to course participation after course begin)
- Regular course participation

### **Bibliography/references – Bibliographie/références :**

Course material and readings will be distributed for

### **Session planning – Planification des séances :**

The exact course syllabus, in particular the Global Risks covered, is changing every year. It depends on the profile of the practitioners providing insights and introductions to specific Global Risks.

In the 2022/2023, the course is structured as follows:

1. Climate risks, systemics and financial systems and regulation (6 hours)
2. Introduction to economics of climate change and climate policies (6 hours)
3. International conflicts: armed conflicts and conflict resolution or non-resolution (6 hours)
4. Risks in supply chains (3 hours)
5. Introduction to cyber risks (3 hours)
6. Liquidity risks and credit risk management (3 hours)

The remaining course hours will be dedicated to the organization and delivery of the course project.

### **Distance learning – Enseignement à distance :**

Distance learning can be provided when necessary by implementing, for example: / En cas de nécessité, un enseignement à distance sera assuré en mobilisant, par exemple :

- Interactive virtual classrooms / Classe en ligne interactive
- Recorded lectures (videos) / Vidéo enregistrée de la présentation du matériel pédagogique
- MCQ tests and other online exercises and assignments / QCM et exercices en ligne
- Remote (online) tutorials (classes) / TP/TD à distance
- Chatrooms / Forums