

# Theory of innovation and entrepreneurship (Solvay Chair of Innovation)

## Titulaires

Bruno VAN POTTELSBERGHE (Coordonnateur) et Olivier WITMEUR

## Mnémonique du cours

GEST-S307

## Crédits ECTS

5 crédits

## Langue(s) d'enseignement

Anglais

## Période du cours

Deuxième quadrimestre

## Campus

Solbosch

## Contenu du cours

This course is part of the Sustainable Development initiative of the Solvay Brussels School of Economics and Management ("Sustainable Development@SBSEM")

- > What makes innovation & entrepreneurship different?
- > How to organize innovation effectively ?
- > The entrepreneurial logic
- > Design thinking
- > Lean startup
- > Business modeling

## Objectifs (et/ou acquis d'apprentissages spécifiques)

At the end of the course, students will be able to :

- > Understand why innovation, entrepreneurship and sustainable development matter for our society
- > Behave like real entrepreneurs
- > Formulate fact-based actionable recommendations since the establishment of an offer to the presentation of concrete recommendations

## Pré-requis et co-requis

### Cours pré-requis

STAT-S202 | Probabilités, inférence statistique et recherche opérationnelle | 10 crédits

## Méthodes d'enseignement et activités d'apprentissages

Lectures rely on scientific papers and best practices

Case studies, quantitative analyses, workshop and coaching sessions

More than half the material comes from recent research output (publications).

## Contribution au profil d'enseignement

The course contributes to the development of the following skills (Business Engineering)

- > Adopt a professional and pragmatic stance to work effectively under pressure.
- > Critically analyse situations based on a scientific managerial approach and field research to develop innovative ideas.
- > Implement projects by transforming strategic visions into real-life models.

## Support(s) de cours

Université virtuelle

## Autres renseignements

### Lieu(x) d'enseignement

Solbosch

### Contact(s)

bruno.vanpottelsberghe@ulb.be

olivier.witmeur@ulb.be

## Méthode(s) d'évaluation

Examen écrit et Projet

### Examen écrit

Question ouverte à réponse courte, Question à point négatif et Question fermée à Choix Multiple (QCM)

### Construction de la note (en ce compris, la pondération des notes partielles)

The evaluation will be based on:

- > 40% based on one individual written exam. 75% IP (open and multiple-choice questions) et 25% Entrepreneurship (short and multiple-choice questions).
- > 40% is based on the quality of a group assignment (group grade except in case of free riding).

- > 10% based on the result of one IP valuation assignment.
- > 10% based on the quality of the preparation and implication during coaching sessions/courses/pre-jury (grading can be per group or individual).

Detailed guidelines will be regularly provided on UV.

### Langue(s) d'évaluation principale(s)

Anglais

## Programmes

Programmes proposant ce cours à la Solvay  
Brussels School of Economics and Management

BA-INGE | **Bachelier en ingénieur de gestion** | bloc 3

Programmes proposant ce cours à la faculté des  
Sciences

MA-CHIM | **Master en sciences chimiques** | finalité Spécialisée/bloc  
1 et finalité Spécialisée/bloc 2

