

# UE Modeling seminar and projects



Niveau d'étude  
Bac +5



ECTS  
6 crédits



Crédits ECTS  
Echange  
6.0



Composante  
UFR IM2AG  
(informatique,  
mathématiques  
et  
mathématiques  
appliquées)



Période de  
l'année  
Automne (sept.  
à dec./janv.)

- > **Langue(s) d'enseignement:** Anglais
- > **Méthodes d'enseignement:** En présence
- > **Forme d'enseignement :** Cours magistral
- > **Ouvert aux étudiants en échange:** Oui
- > **Crédits ECTS Echange:** 6.0
- > **Code d'export Apogée:** GBX9AM19

## Présentation

### Description

This lecture proposes various industrial modeling problems and their solutions. Students are faced to an industrial problem. They are in charge of this industrial project. They have to understand the user needs, to analyze and model the problem, to derive specifications, to implement a solution and to develop the communication and the presentation of the proposed solution.

This lecture introduces basic communication methods in industry.

Rules: the students have to choose TWO subjects (either academic or industrial). They work in small groups on both projects with tutor (analysis of the problem, bibliography, construction of a solution, numerical simulations, etc.). At the end, they defend their results in front of a jury and provide a short report.

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## Heures d'enseignement

TP	TP	24h
TD	TD	36h

**Période** : Semestre 9

## Infos pratiques

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### Contacts

Responsable pédagogique

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### Lieu(x) ville

› Grenoble

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### Campus

› Grenoble - Domaine universitaire