

- Faculté des sciences
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## Web Engineering (3IN2034)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en informatique</b>	<b>Cours: 2 ph Exercice: 1 ph</b>	<b>oral: 10 min</b>	5

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

### Période d'enseignement:

- Semestre Automne

### Equipe enseignante:

Profs. Omar Abou Khaled, Elena Mugellini, Pascal Felber

### Objectifs:

The course will provide students with a global view of the various technologies used on the Web. The students will be able to develop a basic Web-enabled application.

### Contenu:

The main objective of the course is to lay down the foundations for understanding the discipline of Web Engineering. The course will provide students with a global view of the various technologies used on the Web: from emerging modeling approach (such as document engineering and MDA), to cutting-edge technologies (.NET, rich client, XAML, etc.), to advanced semantic-enabled support for information architectures (semantic Web, ontologies, etc.). The course combines lectures and practical sessions. The different concepts and technologies seen in the theory sessions are put into practice in a mini-project.

### Forme de l'évaluation:

Oral

### Documentation:

<http://ilias.unibe.ch>

### Pré-requis:

Programmation I & II

### Forme de l'enseignement:

Cours+exercices