

- Faculté des sciences
- www.unine.ch/sciences

Web Engineering (3IN2034)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en informatique	Cours: 2 ph Exercice: 1 ph	Voir ci-dessous	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:

Written exam (90 minutes) accounting for 70% of the grade + mini-project accounting for 30% of the grade

Documentation:

<http://ilias.unibe.ch>

Pré-requis:

Basics of programming (e.g., Programmation I & II)

Forme de l'enseignement:

Course + mini-project