linfo1212

2020

UCLouvain

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits	30.0 h + 30.0 h	Q1

Teacher(s)	Nijssen Siegfried ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	• specification of user requirements, • designing multi-tier applications in a client-server environment • quality control of the system
Aims	*The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** The evaluation is based on: • the source code submitted for the small projects; • all documentation submitted for the large project; • the source code of the large project; • a presentation of the large project during the exam period.
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** At the beginning of the course, the students work on small projecs to become familier with the different technologies for programming on the web. These technologies will be introduced using videos. If the health situation allows this, project assistance will be given on campus. Afterwards the students collaborate in groups on a larger web-based application, using the technology introduced at the beginning of the course. Troughout the course links to information on the web are provided, but it is expected from students that they actively search for additional information.
Content	• creation of web pages: HTML, CSS • programming on the web: JavaScript • creation of a web server: NodeJS • databases: MongoDB • security in web applications: HTTPS, sessions, comptes • information retrieval • project management
Inline resources	https://moodleucl.uclouvain.be/course/view.php?id=12887
Faculty or entity in charge	INFO

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Linguistics	LING2M	5		🔍
Additional module in computer science	APPSINF	5		🔍