lsst1002
2024

Information and critical thinking

5.00 credits	30.0 h + 30.0 h	Q2

Teacher(s)	Bauwens Anne (compensates Rees Jean-François) ;De Kesel Myriam ;Rees Jean-François (coordinator) ;
Language :	French
Place of the course	Charleroi
Main themes	This course addresses the issue of critical thinking and its application in assessing the quality of information.
Learning outcomes	**At the end of this learning unit, the student is able to :** Decode the mechanisms at work behind our stereotypes Spot how content staging can manipulate us Determine the reliability of information and its source Assess and interpret the quality of a scientific approach Discuss the place and limits of science today
Evaluation methods	The evaluation will be carried out during an oral examination which will cover all the material seen online and will be based on concrete cases as discussed during the working sessions. Part of the mark will be based on participation in the working sessions. The final note is made of: 1. Participation to the online course (30%) 2. Participation to the on site course (20%). 3. Personnal essai on a choosen topic (50%)
Teaching methods	Teaching is based on an online course accessible on the EdX platform. Participants will follow the online courses. Working sessions will be organized to implement what will have been covered in the online course.

Content	The course consists of 7 modules.
	
	  • Module 1: Why should you develop your critical thinking skills?
	  • Module 2: Identifying your preconceptions
	  • Module 3: Decoding Speech
	  • Module 4: Assessing Source Quality
	  • Module 5: Understanding the scientific approach
	  • Module 6: Analyzing data, information
	  • Module 7: Being aware of the limits of science

Inline resources	www.edx.org
Faculty or entity in charge	SC

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Computer Science	SINC1BA	5		🔍