lepl2210
2023

Ethics and ICT

3.00 credits	30.0 h	Q2

Teacher(s)	Gosseries Axel ;Lambrecht Maxime (compensates Gosseries Axel) ;Lambrecht Maxime (compensates Pereira Olivier) ;Pereira Olivier ;
Language :	English > French-friendly
Place of the course	Louvain-la-Neuve
Prerequisites	No specific prerequisites. An interest for ICT issues and a curiosity for their ethical/policy dimensions are perfectly sufficient.
Main themes	The themes change from year to year, and may include: - net neutrality and freedom of expression - intellectual property - privacy - crowdsourcing and the "sharing economy" - cryptocurrencies • - e-democracy
Learning outcomes	**At the end of this learning unit, the student is able to :** **Contribution of the course to the program objectives (N°)** 3.2, 3.3 4.2, 4.3 5.2, 5.5, 5.6 6.2, 6.3, 6.4 **Specific learning outcomes of the course** a. Disciplinary Learning Outcomes Students having successfully followed this course will be : • understanding why ethical reasoning is relevant for their specific disciplinary domain and more generally ; • ble to identify within an ICT ethical/policy question which parts of the debate have to do with factual questions and which parts belong to a properly ethical dimension and how they should be articulated ; • able to formulate an ethical question when facing a technical choice with an ethical dimension, and dare stating and arguing for their own view on the question ; • grasping the spirit of a method in ethics to answer a given question, in relation to ICT ; • aware of the content of the central arguments and rationale on issues such as, for example, freedom of expression, intellectual property, privacy, e-democracy and how they lead to specific challenges in well defined ICT contexts. b. Transversal Learning Outcomes Students having successfully followed this course will be : • able to access the relevant sources on the topics seen in class and on other related ones ; • able to work both individually and in group • able to answer a question in a short well-structured written format, in non-technical language ; • able to present their work orally.
Evaluation methods	The students will be graded, based on the learning outcomes described above, from oral examination and from essays that they will submit individually or in small groups. Grades will be the sum of two components, with the following weights: • 30% based on one or more team essay(s), to be submitted during the semester; • 70% based on one or more individual essay(s) and an exam discussion. In the case of more than 2 unjustified absences of a student from the class, we reserve ourselves the right to activate Articles 72 and 73 of the RGEE and may recommend the jury to not authorize the student registration to the exam.

Teaching methods	a. Process organization
	The course will contain a mix of:
	- Lectures focusing on background and methodology,
	- Sessions during which students will be requested to debate and elaborate a position on a specific issue, which they will present either in writing or orally.
	It may be offered to some students to make an in-depth study of a specific theme, and to report on their work either as a presentation or in writing.
	b. Media
	Students will be provided for each specific theme with a short reading list. They will also be provided with a short general bibliography on the theme.
Content	The content will be adapted depending on the themes investigated in the class.
Inline resources	http://moodleucl.uclouvain.be/enrol/index.php?id=4833
Bibliography	Supports de cours, ouvrages de références, ...
Faculty or entity in charge	EPL

a. Process organization

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b. Media

Students will be provided for each specific theme with a short reading list. They will also be provided with a short general bibliography on the theme.

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Multilingual Communication	MULT2M	5		🔍
Certificat d'université en éthique et société	ETES9CE	2		🔍
Master [120] in French and Romance Languages and Literatures : French as a Foreign Language	FLE2M	5		🔍
Master [120] in Chemical and Materials Engineering	KIMA2M	3		🔍
Master [120] in Civil Engineering	GCE2M	3		🔍
Master [120] in Biomedical Engineering	GBIO2M	3		🔍
Master [120] in History of Art and Archaeology: Musicology	MUSI2M	5		🔍
Master [120] in Translation	TRAD2M	5		🔍
Master [120] in Interpreting	INTP2M	5		🔍
Master [120] in History	HIST2M	5		🔍
Master [120] in Ancient and Modern Languages and Literatures	LAFR2M	5		🔍
Master [60] in History	HIST2M1	5		🔍
Master [120] in Linguistics	LING2M	5		🔍
Master [120] in Mechanical Engineering	MECA2M	3		🔍
Advanced Master in Visual Cultures	VISU2MC	5		🔍
Master [120] in Electrical Engineering	ELEC2M	3		🔍
Master [120] in Physical Engineering	FYAP2M	3		🔍
Master [120] in Ethics	ETHI2M	5		🔍

Master [120] in Computer Science and Engineering	INFO2M	3		🔍
Master [120] in Computer Science	SINF2M	3		🔍
Master [120] in Philosophy	FILO2M	5		🔍
Master [120] in Electro-mechanical Engineering	ELME2M	3		🔍
Master [120] in Mathematical Engineering	MAP2M	3		🔍
Master [60] in History of Art and Archaeology : General	ARKE2M1	5		🔍
Master [60] in History of Art and Archaeology: Musicology	MUSI2M1	5		🔍
Master [120] in Data Science Engineering	DATE2M	3		🔍
Master [120] in Data Science: Information Technology	DATI2M	3		🔍
Master [120] in Energy Engineering	NRGY2M	3		🔍
Master [120] in Political Sciences: General	SPOL2M	3		🔍