COURSE SYLLABUS

Digital Ethics and Privacy, 7.5 credits

Etik och integritet i en digital kontext, 7,5 högskolepoäng

Course Code:	TEKR23	**Education Cycle:**	Second-cycle level
Confirmed by:	Dean Mar 1, 2023	**Disciplinary domain:**	Technology
Revised by:	Director of Education Jun 27, 2023	**Subject group:**	IF1
Valid From:	Aug 1, 2023	**Specialised in:**	A1N
Version:	3	**Main field of study:**	Informatics

Intended Learning Outcomes (ILO)

After a successful course, the student shall:

Knowledge and understanding
- show familiarity with the content of ethical discourse about digital technologies
- display a broad knowledge of relevant legal frameworks
- demonstrate comprehension of decision-making in the context of ethics and privacy

Skills and abilities
- demonstrate skills in explaining methods for the development of digital technologies that are respectful of individuals and society
- demonstrate the ability to identify manipulative practices embedded in digital technologies
- demonstrate the ability to plan how to apply privacy by design in a professional setting

Judgement and approach
- demonstrate the ability to criticize and motivate privacy-protective strategies
- demonstrate an ability to evaluate digital technologies considering the critique-based approaches to values and ethics

Contents

This course aims to provide an overview of topics related to ethics and privacy in the context of digital technologies. The course focuses on societal aspects of digital technologies, including, but not limited to, topics such as human values, vulnerabilities, or intersectionality. To gain an in-depth comprehension of these topics, the course outlines the psychological underpinnings of decision-making in digital space. The course encourages students to reflect critically on ethical and privacy tradeoffs when designing, developing, and using digital technologies. Moreover, participation in seminars and debates prepares students for polemical discussions around ethics they might encounter in professional settings.

The course considers legal frameworks as one way to tackle ethical and privacy issues that digital technologies incite. Select best practices enabling privacy by design are discussed, which

students can apply in professional settings as technology designers, developers, consultants, or privacy and security experts. Additionally, the course presents an overview of critique-based approaches to values and ethics that could be utilized to identify potential ethical, privacy, and security risks.

The course includes the following elements:
- Ethics and values: theoretical approaches
- Relevant legal frameworks (including but not limited to GDPR, NIS, European Commission Digital Strategy, and intellectual propriety rights)
- Privacy: definitions, theories, and frameworks (e.g., privacy by design, privacy impact assessment)
- Human factors and decision-making in the digital context
- Ethical and privacy risks in the context of the technology design and development processes (e.g., testing, experimentation)
- Ethical and privacy concerns within digital products (e.g., personalization, manipulation, dark patterns, fingerprinting)

Type of instruction

Lectures, seminars, and student debates.

The teaching is conducted in English.

Prerequisites

The applicant must hold a minimum of a bachelor's degree (i.e., the equivalent of 180 ECTS credits at an accredited university) with at least 90 credits in computer science, informatics, information systems, computer engineering, or equivalent. Proof of English proficiency is required.

Examination and grades

The course is graded 5,4,3 or Fail.

Registration of examination:

Name of the Test	Value	Grading
Assignment[I]	5 credits	5/4/3/U
Seminar	2.5 credits	U/G

[I] Determines the final grade of the course, which is issued only when all course units have been passed.

Course literature

The literature list for the course will be provided eight weeks before the course starts.

Articles will be handed out during the course.