Faculty of Law

JAEN67, EU Law and Policy on AI, Big Data and Digitalization, 15 credits

EU Law and Policy on AI, Big Data and Digitalization, 15 högskolepoäng

Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by Faculty of Law Board of education at undergraduate and postgraduate levels on 2020-05-28 and was last revised on 2022-09-07. The revised syllabus applies from 2022-09-07, autumn semester 2022.

General Information

The course is an elective course within the Master's Programme in European Business Law at the Faculty of Law. The course is open to students on the programme leading to a Swedish Professional Law degree and to international students participating in exchange programmes with the Faculty of Law.

Language of instruction: English

Main field of studies	*Depth of study relative to the degree requirements*
European Business Law	A1F, Second cycle, has second-cycle course/s as entry requirements

Learning outcomes

To pass the examination, the student shall demonstrate knowledge and competences as below:

Knowledge and understanding

The student must be able to demonstrate advanced knowledge and comprehension, namely by formulating critical reflections, arguments and legal reasoning concerning the topics related to:

- the interrelationship between national, EU, and international law and policy on digitalization and the general EU objectives
- the relevance of EU and European jurisprudence in the development of legal

frameworks in the digital sector
- the relevant different areas of law for AI and big data and their intersection (e.g. intellectual property, competition, human rights, privacy and data protection, and more generally human rights, health law and tort and consumer protection.

Competence and skills

The students must be able to demonstrate oral and written competence to:

- assess and critically analyse a wide range of relevant legislation, case law and legal doctrine
- interpret and apply the legal framework according to accepted legal methods and legal theory
- develop legal arguments and create contracts, forecasting legal challenges and counter arguments
- identify legal, ethical and social-economic issues raised by implementation of emerging technologies and propose practical solutions
- present the results both in oral and writing during the seminars and for the final written assignment.

Judgement and approach

Students must display the ability to work in a cross-disciplinary and diverse setting, e.g. with colleagues from different cultural backgrounds and genders.

Students shall also demonstrate ability to conduct independent study and research activities.

Students shall demonstrate ability to critically assess the legal aspects of EU integration and their impact at the national and global level.

Students shall be able to consider and discuss social and ethical responsibilities within a commercial environment, understand ethical aspects of digital technologies and global trade within a sustainable European and international legal framework, and form individual legal opinions and arguments based on such reflections.

Course content

This course covers EU law and policies surrounding AI, big data and digitalization in society and data-driven business models.

Innovation and the use of emerging digital technologies, such as AI, robotics, machine learning, text data mining and big data analytics are becoming major considerations for companies, consumers and regulators alike in the fast-growing technologically-driven economies of Europe. Due to the nature of this type of innovation, a considerable number of legal, moral and ethical issues have emerged. These include, for example, cyber-security, data protection, IP and technology ownership, competition law issues and accountability of firms for the use of AI and big data.

Course design

Teaching is provided in the form of lectures and seminars.

Assessment

Student performance is assessed by the following methods:

1. Attendance and oral participation in the seminars, including any oral or written preparation assignments for each seminar (20% of the grade)
2. An independent research project in the form of an individual essay within the framework of the subjects discussed in the course; the project is presented at a seminar (80% of the grade).

A student must pass each component and subcomponent separately to pass the course.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass, Pass with credit, Pass with distinction.

B – Pass

In order to achieve this grade the student must show a good level of competence and knowledge of legal issues posed by or affecting AI, machine learning, big data, data analytics, and data-driven business models from both a theoretical and a practical perspective and demonstrate a good ability to critically evaluate them from both perspectives. This includes sound knowledge of the relevant policy documents and legal sources, their application and scope, and good ability to apply the law in a factual or hypothetical factual scenario.

BA – Pass with credit

In order to achieve this grade the student must show a high degree of competence and knowledge of legal issues posed by or affecting AI, machine learning, big data, data analytics, and data-driven business models from both a theoretical and a practical perspective and demonstrate advanced ability to critically evaluate them from both perspectives. This includes advanced knowledge of policy documents and legal sources, their application and scope, and advanced ability to apply the law in a factual or hypothetical factual scenario.

AB – Pass with distinction

In order to achieve this grade the student must show an excellent level of competence and knowledge of legal issues posed by or affecting AI, machine learning, big data, data analytics, and data-driven business models from both a theoretical and a practical perspective and demonstrate advanced ability to critically evaluate them from both perspectives. This includes excellent knowledge of policy documents and legal sources, their application and scope, and advanced ability to apply the law in a factual or hypothetical factual scenario.

Entry requirements

Passed examination in courses corresponding to the first year of the Master's programme in European Business Law, amounting to at least 45 credits.

For students on the Professional Law Degree Programme the entry requirements for semesters 7 and 8 are outlined in the Programme syllabus (utbildningsplanen).

Exchange students must have passed at least two and a half years of law studies at university level including basic knowledge of EU law.

Further information

The University views plagiarism as a very serious academic offence, and will take disciplinary action against students for any kind of attempted malpractice in connection with examinations and assessments. The penalty that may be imposed for this, and other unfair practices in examinations or assessments, includes suspension from the University.

Subcourses in JAEN67, EU Law and Policy on AI, Big Data and Digitalization

Applies from H20

2001 EU Law and Policy on AI, Big Data and Digitalization, 15,0 hp
Grading scale: Fail, Pass, Pass with credit, Pass with distinction