

Programme file LLM European Law in a Global
Context – Technology Law and Innovation track
2025/26

This programme file provides you with the argumentation regarding the relation between the learning outcomes of the programme Technology Law and Innovation, including assessment. To this extend, you will find the following information in succession:

- the learning outcomes of the programme as they are stated in the Teaching and Examination Regulations for the LLM programmes 2025/26;
- a narrative summary per learning outcome as to how this learning outcome is covered within the programme;
- an overview to indicate which courses add to which learning outcome(s);
- a detailed overview of the connection between the courses and the learning outcomes;
- an overview holding the links to the assessment archive of the Faculty of Law of the courses concerned.

In the detailed overview of courses, the following information is available:

- in which block within an academic year a course is scheduled (block);
- the number of ECTS that is awarded to a course (ECTS);
- the educational format used for each course and the number of hours scheduled per week;
- the assessment form (assessment);
- which (part of a) learning outcome is covered by the course (learning outcome);
- the learning outcome description of the courses as it is registered in the electronic study guide Ocasys 2025/26.

The learning outcome mentioned per course in the course description, the educational format and the assessment form is taken into consideration when linking the course to a learning outcome of the programme. Such a link has been made if a course substantially contributes to a programme learning outcome. This does not necessarily mean that the full programme learning outcome is covered by this specific course.

Teaching and Examination Regulations for English-taught Master's degree programmes of the Faculty of Law in the academic year 2025/26

Appendix 1 Aim and learning outcomes of the Faculty's Master's degree programmes

Section 2 The European Law in a Global Context programme and its track Technology Law and Innovation

A. Learning outcomes knowledge and insight.

The learning outcomes of the LLM programme in European Law in a Global Context in the field of knowledge and insight of the graduate are:

- A1. Enhanced knowledge of and insight in specialised areas of European law by deepening the knowledge gained during the Bachelor's degree programme;
for the track Technology Law and Innovation: in particular in specialised areas of technology law.
- A2. Enhanced knowledge of and insight in the specialised areas of European law that are important for legal practice, academic research and European integration;
for the track Technology Law and Innovation: in particular in specialised areas of technology law.
- A3. Enhanced knowledge of and insight in the functioning of the European institutions and of the interaction between the centralised and decentralised aspects of the European legal system, in particular with respect to the functioning of the European market place, and the interaction between institutional and substantive European law, and the external dimension of the European integration process;
for the track Technology Law and Innovation: in particular between various institutions and bodies and European and international level with regards to digital markets, data and innovation, consumer protection, cybersecurity and intellectual property.
- A4. Enhanced knowledge of and insight in the external effects of specialised areas of European law and the regulatory influence of European law on third countries;
for the track Technology Law and Innovation: specialised areas of technology law and the regulatory influence of European law in the digital world.
- A5. Enhanced knowledge of and insight in the role and relevance of the European Union in addressing complex global challenges.

B. Learning outcomes application of knowledge and insight, formulating judgements and communication.

The learning outcomes of the LLM programme in European Law in a Global Context in the field of application of knowledge and insight, formulating judgements and communication of the graduate are:

- B1. The ability to assemble, assess and apply independently relevant facts, legislation, jurisprudence and literature in order to solve complex issues in specialised fields of European law;
for the track Technology Law and Innovation: in specialised fields of technology law.
- B2. The ability to pursue independently academic legal research in the field of European law, applying the relevant academic and professional standards of responsible research, and thereby contribute in a socially relevant manner to the development of law;
for the track Technology Law and Innovation: in particular in the field of technology law.
- B3. The ability to participate independently in the debate in the field of European law in an international context, with colleagues;
for the track Technology Law and Innovation: in particular in the field of technology law and innovation in a European and international context.
- B4. The ability to convey to a group of colleagues both orally and in writing, a complex argumentation in the field of European law, in English in a comprehensive manner;

for the track Technology Law and Innovation: in particular in the field of technology law and innovation.

C. Learning outcomes learning skills.

The learning outcomes of the LLM programme in European Law in a Global Context in the field of learning skills of the graduate are:

- C1. Knowledge and understanding of the (national and/or international) career perspective;
- C2. Understanding of the requirements that are needed, as a result of the continuing and rapid development of European Union law, for self-study and the formation of own judgments; for the track Technology Law and Innovation: in particular in the field of technology law.

Narrative summary connection programme to learning outcomes

The table below provides a short explanation with regard to the learning outcomes and how they are covered in the programme.

	Argumentation
A1.	Various courses of the Programme build on the level of knowledge and insights that the students have gained during their Bachelor's degree programme. This is especially evident in courses that explicitly require the students to have a prior knowledge, like for example in: IP law and Innovation; Data Driven Innovation and Cybersecurity in International and European Law. This learning objective is, however, not only limited to these courses. Also the courses on: Competition Law, Consumers and Innovation as well as the more practically oriented Seminar and the Law and Practice module go deeper and develop further the basic knowledge that the students have gained during their bachelor studies.
A2.	All the substantive courses of the Programme offer insights and are relevant for understanding important areas of legal practice in the field of Technology law. The practical courses, like the Seminar and the Master thesis, combine the substantive knowledge with the possibility to engage in further academic research.
A3.	The understanding of the roles of various regulatory bodies, especially at European level as well as their interaction at European, International, regional and national level is developed in various courses throughout the Programme, as for example in: Competition Law, Data driven innovation, Consumers and Innovation, Cybersecurity and Intellectual Property, as well as in Law and Practice.
A4.	The external effects that specialised fields of Technology law have, are particularly discussed in courses like: Consumers and Innovation, Data driven Innovation, Law of Sustainable technology, as well as in the course that focuses on Cybersecurity in International and European law.
A5.	All the courses discuss the role and relevance of the EU in a broader setting. Technology development has provided challenges to all the existing legal systems. These challenges are not limited at national or regional borders. Throughout the Programme, the role and the example of the EU as a major player on the world stage for setting up standards and regulating new technologies and protecting the fundamental rights of citizens is being highlighted.
B1.	All the substantive courses as well as the more practically oriented ones involve detailed study of case-law, legislation, and the relevant literature. The students are required to be able to solve complex issues by reference to the case-law, the literature, and the system of the European legislation. In courses like IP law and Cybersecurity, the students are required to extend their knowledge also at International regulations.
B2.	Various courses of the Programme require detailed study of the case-law and the literature. They encourage students to develop a critical understanding of the relevant fields through independent research. In substantive courses like: Consumers and Innovation, Data driven Innovation, Cybersecurity, as well as in Law of Sustainable Technology, the students are required to show their knowledge not only in class, but also in writing special papers and reports. The engagement in independent academic research is especially encouraged and evaluated in practical courses, like: the seminar and the Master thesis.
B3.	All the courses of the Programme require and encourage the students to become well-versed in the controversies in the law and literature and to formulate their views taking account of literature from various countries and case-law. During the master classes for the course Law and Practice, the students are even required to present their findings and views before real Institutions, companies or other administrative bodies.
B4.	The understanding developed through active study of the literature and the case-law enables students to convey their views orally and in writing. Various courses contribute towards reaching this learning objective. For example, during the Course Consumers and Innovation the students follow a problem solving approach. In IP law and Innovation, they discuss a complex legal problem from various angles in the form of a moot court. In Data driven Innovation, they are required to follow a problem based learning approach. In the course on Cybersecurity, the students start by a getting familiar with a complex legal problem that accompanies them through

	all the seven weeks of the course and they prepare and present a comprehensive report about all the various components at the end of the course.
C1.	The career perspective is expressly addressed in all the courses concerned through input from experienced staff members who are familiar with the field of Technology law not only with regards to academia, but also with regards to the work of various national, European and international institutions, with the courts system as well as with the legal practice, consultancies and industry.
C2.	All the courses of the Programme focus naturally on the quick technological developments as well as on the development of the law trying to address the new identified challenges. The critical thinking capability of the students as well as their capability to understand and be up-to-date with all developments is a strong defining feature of the entire Programme.

Learning outcomes versus courses LLM Technology Law and Innovation

Learning outcomes: A. knowledge and insight B. application, formulation judgements and communication C. learning skills Technology Law and Innovation		A					B				C	
		Specialised areas of European Law	Specialised areas of European Law important for legal practice, academic research and European integration	Functioning of the Eur. institutions; interaction between the centralised and decentralised aspects, in particular the Eur. market place; interaction between institutional and substantive Eur. law, and the external dimension of the Eur. integration process	External effects of specialised areas of European law and the regulatory influence of European law on third countries	Role and relevance of the European Union in addressing complex global challenges	Assemble, assess and apply independently relevant facts, legislation, jurisprudence and literature	Pursue independently academic legal research; socially relevant contribution	Participate independently in the debate in an international context, with colleagues	Convey to a group of colleagues a complex argumentation	(National and/or international) career prospects	Self-study and the formation of own judgments
EC TS	Course name	A1	A2	A3	A4	A5	B1	B2	B3	B4	C1	C2
6	Seminar Interactions between Legal Systems: Global, European, Domestic	x	x	x		x	x	x	x	x		x
6	Consumers and Innovation	x	x			x	x	x		x		x
6	Intellectual Property and Innovation	x	x		x		x	x	x	x	x	
6	Competition Law and Market Regulation	x	x	x			x	x			x	x
6	Cybersecurity in International and EU Law	x	x	x	x	x	x	x	x	x	x	
6	Law in Practice (LLM)	x*	x*	x*	x*	x*	x	x	x	x	x	x
12	Master's thesis	x	x	x			x	x	x		x	x
6	Data Driven Innovation	x	x		x	x	x	x	x	x		x
6	The Law of Sustainable Technology	x	x		x	x	x	x	x	x	x	x

* applies depending on the choice of Law in Practice module

The learning outcomes for the LLM Technology Law and Innovation compared to the learning outcomes of the courses within the programme

Course name	Block	ECTS	Format	Assessment	Learning outcome	Learning outcome course (Ocasys description 2025/26)
Seminar Interactions between Legal Systems: Global, European, Domestic	1+2	6	Seminar 4 2-hours seminar + 1 4-hours seminar.	Assignment Paper	A1, A2, A5 B1, B2, B3, B4 C2	After this course, students will be able to understand the legal relationship between different legal orders (global, EU, and domestic). They will be able to analyse effects of rules enacted in one order in another. They will be able to apply this knowledge in concrete cases and write a legal analysis of a specific case. Students will be able to draft a research proposal, receive feedback, provide feedback, orally present their work to peers.
Consumers and Innovation	1	6	Seminar-style lectures Inquiry-Based Learning Game-Based Learning	Paper Presentation	A1, A2, A5 B1, B2, B4 C2	After successful completion of this course, you will be able to: Cognitive • Identify the key legal principles of consumer protection law in the digital age, including relevant aspects of European Union (EU) and international law. • Demonstrate knowledge about the main risks and benefits of emerging technologies, such as artificial intelligence, blockchain, and crypto assets, for consumers from a European and international perspective. • Analyse the main regional (EU) and international regulatory frameworks governing the impact of new technologies on consumer rights and protections. Practical skills • Identify the relevant national, European, and international institutions and mechanisms for consumer protection. • Communicate clearly and effectively, using legal terminology, to describe the interactions between technology, EU law, and international law as they impact consumer protection. • Critically analyse consumer protection policies and regulations, considering the challenges posed by the digital era and new business models from a European and global perspective. • Demonstrate skills in communicating orally and in writing to advise clients on the procedures and remedies available in relation to consumer protection complaints and disputes, drawing on EU and international legal frameworks. Professional development • Engage with the social phenomena of the use of new technologies in law, with a specific focus on the implications for consumer protection from a European and international standpoint. • Collaborate respectfully with academic peers in the search for knowledge, acknowledging the contributions of European and international legal frameworks.
Intellectual Property and Innovation	1	6	Lecture, Tutorial	Presentation Assignment, Group	A1, A2, A4 B1, B2, B3, B4 C1	Upon completion of the course, students should have: • Gained an enhanced theoretical knowledge of and insight in specific areas of international and European intellectual property law. In particular, they gain enhanced knowledge in the areas of European and international law that cover copyright, patent law, trademark law and trade secret. • Developed their problem-solving skills and critical thinking ability • The ability to convey to a group of colleagues both orally and in writing a complex argumentation in the field of international and European intellectual property law • The capacity to actively participate in a group • The ability to assemble, assess and apply independently relevant facts, legislation, jurisprudence and literature in order to solve complex issues in specialised fields of International and European intellectual property law.

Course name	Block	ECTS	Format	Assessment	Learning outcome	Learning outcome course (Ocasys description 2025/26)
Competition Law and Market Regulation	2	6	Lecture 7 4-hour lectures	Exam, Digital, Essay questions	A1, A2, A3 B1, B2 C1, C2	After successful completion of this course the student can: Explain the economic principles that underlie competition law and its application (marker definition, market power, relation between market structure, conduct and performance); Understand and work with the effects of competition law and market regulation on parties outside the EU; Design a legal document concerning the competition law applicable to the actions of a company (e.g. a take-over or an agreement with a competitor) in order to end, amend to defend these actions; Choose the optimal route involving the competition laws of the EU and its Member States to ensure the best results for her/his clients; Design secondary (decisions, case law) and tertiary (guidance, soft law) competition law.
Cybersecurity in International and EU Law	2	6	Lecture 14 x 2 hours lectures	Paper	A1, A2, A3, A4, A5 B1, B2, B3, B4 C1	Upon completion of the course students will be able to: • Comprehend the complex European and International regulatory framework governing cybersecurity, including its underlying normative hybridity and obligations of multiple actors and classify the role of different regulatory approaches, including law, regulation, security (ISO) standards compliance and standardisation, certification and labelling schemes; • Analyse and assess legal questions pertaining to addressing and mitigating cybersecurity issues; • Apply the European and International legal framework on protecting cybersecurity and critical infrastructure in the practice of specific cyber operations, including cyberespionage, ransomware attacks, supply chain attacks, cyberwarfare. • Identify legal and policy shortcomings and creatively address future challenges in complex regulatory ecosystems (e.g., Internet of Things, Big Data and smart city) by way of applying their knowledge to specific sectors, entities, objects; • Formulate and answer a legal research question in order to evaluate and appraise cybersecurity concerns in a specific context.
Law in Practice (LLM)	3+4	6	variable		B1, B2, B3, B4 (apply depending on the choice of Law in Practice module) C1, C2	At the end of the Law in Practice component, a student has: 1. Knowledge and understanding of the (national and international) career perspective related to the field of law of the Master's degree programme. 2. Understanding of the requirements that are needed, also in professional settings, for self-study to stay updated in the field of law of their Master's degree programme. 3. Understanding of the continuing and rapid development of law. 4. The ability to apply knowledge and understanding of the field of law gained in their Master's degree programme in a professional setting. 5. The ability to participate independently in the debate in the field of law of their Master's degree programme with colleagues, in a national and international context. 6. The ability to convey a complex argumentation in the field of law of their Master's degree programme in a comprehensive manner.
Master's thesis	3+4	12	variable	thesis		The Master's thesis constitutes the final test in order to show the possession of legal and academic research skills. Upon successful completion of the Master's thesis, the student will have demonstrated the legal and academic research skills and, using and building on the knowledge and insights gained during the programme, the ability: 1) to identify a (societal) problem and, based on this, formulate an academic, legal research question relevant to the field of the chosen master's degree programme, and formulate relevant sub-questions; 2) to set up research relevant to answering the research question, choosing and justifying an appropriate research method; 3) to identify the sources and data relevant to the research, critically evaluate these and relate them to the research question; 4) to reflect upon legal concepts pertinent to the topic under discussion, and to address issues of interpretation and application of the law relevant to this topic; 5) to conduct an independent legal, academically substantiated research, within a set time frame; 6) to produce a clear, linguistically correct, concise and well-structured written piece of work, based on the research conducted, containing a reasoned answer to the research question, substantiated by a sufficient number of academic sources; 7) to consistently refer to the sources and data used for the research in accordance with applicable legal and academic standards; 8) to process feedback from the thesis supervisor, and to defend the written work orally to the supervisor.

Course name	Block	ECTS	Format	Assessment	Learning outcome	Learning outcome course (Ocasys description 2025/26)
Data Driven Innovation	3	6	Lecture 14 2-hours lectures	Presentation Paper	A1, A2, A4, A5 B1, B2, B3, B4 C2	Upon completion of the course, the students would have achieved: • An enhanced knowledge and understanding of the specific European law legal areas that are relevant for data driven innovation; • An understanding of the role of the European Union for addressing global challenges; • An enhanced knowledge and understanding of the specific legal areas that are relevant for data driven innovation; • The understanding of the intersection between different fields of law; • The ability to assess situations and apply the relevant EU legal rules and jurisprudence; • The ability to assess situations and apply the relevant legal rules and jurisprudence; • The capability ability of critical thinking and active group participation; • The ability to conduct independent legal research; • The ability to present ideas and findings in oral as well as in written format.
The Law of Sustainable Technology	4	6	Lecture	Paper Presentation	A1, A2, A4, A5 B1, B2, B3, B4 C1, C2	After successful completion of this course, the student will be able to: Analyze the European and International legal framework, created by the interaction between national, European Union and international law, that applies to a given technology or technological innovation to identify how the sustainability of that technology is or is not regulated. Evaluate the effectiveness of current European, international, and national regulations in supporting—or inadequately addressing—the sustainability aspects of the technology, with attention to interactions between these frameworks. Reflect on this regulation or lack of and will be able to design policies, including specific amendments to the relevant national, European Union and international laws, to improve the sustainability of that technology on a global scale Convey and explain that design, both in writing and orally to an audience of legal scholars as well as an audience with a background in technology. Being able to reflect and design presupposes thorough knowledge as well as the ability to apply that knowledge. Incorporate European and international legal principles and best practices to develop feasible policies for sustainable technology deployment, while understanding potential intersections with national laws.

Narrative summary of the assessment and feedback LLM Technology Law and Innovation track

As described in the Faculty's didactic concept, assessment in higher years usually takes the form of essay exams with more complex cases that assess students' knowledge and understanding as well as their ability to apply these. Assessment thus takes place at a high cognitive level, and the idea is to make assessment situations increasingly resemble actual legal practice in the course of the degree programme. This also implies increasing numbers of open-book examinations towards the end of the degree programme. Furthermore, this involves the assessment of the student independently being able to analyse and apply criminal law knowledge with a critical point of view; mastering specialised knowledge; and assessing complex cases. Skills-wise the assessment mainly revolves around independent legal academic reporting, both orally and in written form.

In the courses which predominantly aim at knowledge and insight acquisition, the assessment is mainly done through written examinations, combining essay and problem questions cases, designed to test students' knowledge, insight, ability to use case-law and legislation as appropriate, and understanding of the academic literature in the field. This allows for assessment at a high cognitive level which aims at a setting which is very similar to a work situation for a lawyer/legal expert. The Faculty allows open book examinations at master level which places emphasis on understanding instead of on rote learning. We currently allow students digital access to multiple legal sources during the examination which are being conducted digitally. This allows for assessment in a way which resembles the expectations of employers when hiring a lawyer/legal expert: to be able to apply the concepts dealt with to a case while using legal sources. Legal texts, mostly case law, treaties and legislation, can be checked during the examination. The content of the examination is one in which all doctrines examined are linked to one another in the cases asked, as the aim is for the student to demonstrate that s/he is able to apply the correct doctrines to the case. This can only be assessed after all materials have been studied. In the master's degree programme students will usually have one or two examinations in the examination period of each block.

The main responsibility for ensuring the validity of the examinations lies with the (group of) lecturers. They are the experts in their specific legal fields and determine which doctrines should be mastered by the students and at which level. For this reason, the Faculty has not created an assessment committee since the expertise with regard to the specialist legal knowledge mainly lies with the professors and lecturers themselves.

Activities completed as part of *Law in Practice* (e.g., taking up an internship, participating in a Law Clinic, participating in a Moot Court competition, carrying out a research assignment, etc.) are a way to put acquired knowledge and skills to practice and receive feedback on the task performed (from e.g., employer, clients and supervisor at the Law Clinic, Moot Court organisation, research assignment supervisor, etc.).

Assessment and feedback table LLM Technology Law and Innovation

Course name	ECTS	Assessment	Learning outcome	Assessment description
Seminar Interactions between Legal Systems: Global, European, Domestic	6	Assignment Paper	A1, A2, A5 B1, B2, B3, B4 C2	During the course, students will be guided in doing academic legal research. 'Legal reasoning' runs through the entire course and also forms the basis for training a specific legal skill: the formulation of a legal research question and the design of a legal research proposal. The thus developed research question will form the basis for an academic journal paper on interactions between interactions between legal systems at the end of the course. Students will write multiple individual papers.
Consumers and Innovation	6	Paper Presentation	A1, A2, A5 B1, B2, B4 C2	Papers, reports, advice to client-oral assessment, presentations and active participation in class. These assessment methods will be assigned by the lecturer. 10% active participation 30% group presentations 60% individual papers Each percentage may be covered by one or more assignments. The course makes use of active learning methods such as active lectures combined with seminars. The course will focus on three main strategies. First, the course is based on lectures using game-based learning to enhance the learning experience using games in a non-game environment and familiarize the student with technology tools that will help to understand some of the societal and cultural challenges of technology. Second, the course will have seminars to reflect over the knowledge acquired from the lectures using inquiry-based learning as a learning process. This method engages students by making real-world connections through exploration of cases and high-level questioning regarding consumers in a digital world to provoke reflections over the real world consequences of unraveling technology. Each of the sessions will present a real-world case or situation to address the social, cultural and legal implications. Each class session is divided between an autonomous work, a collaborative work and a plenary discussion. Finally, the collaborative activities aim to build knowledge through social interaction and co-evaluation (peer evaluation).
Intellectual Property and Innovation	6	Presentation Assignment, Group	A1, A2, A4 B1, B2, B3, B4 C1	Group presentation 50% - Group written assignment 50% This course is an advanced reflective course on the role of intellectual property law both fostering and hampering innovation and creativity. Through this course we will examine concrete case studies coming from the IP world in order to consider if the existing IP system still produces the societal benefits it was meant to.
Competition Law and Market Regulation	6	Exam, Digital, Essay questions	A1, A2, A3 B1, B2 C1, C2	This course will have interactive lectures. Students are expected to come prepared to lectures and questions will be made available to the students in advance to enable the socratic teaching method.

Cybersecurity in International and EU Law	6	Paper	A1, A1, A3, A4, A5 B1, B2, B3, B4 C1	Research paper (80%) and reflection note (20%) Students can monitor their learning progress and the extent to which they are mastering the learning objectives of the course by means of a) the highly interactive lectures; b) the discussion in class of the assignments that students are due to prepare before coming in class (peer feedback and feedback from lecturer); and c) by receiving feedback (oral and in writing) to their research papers.
Law in Practice (LLM)	6			
Master's thesis	12			
Data Driven Innovation	6	Paper Presentation	A1, A2, A4, A5 B1, B2, B3, B4 C2	The students will be active recipients of knowledge. They will discuss the legal implications of the use of different types of data, such as: personal data, big data, open data and synthetic data. The students will gain the necessary understanding and expertise through focusing on specific fields of interest that provide an intersection for various fields of law, as for example in AI; the Health sector; Predictive Policing and Risk Assessment. This will allow them to contrast the legal challenges which arise with the benefits deriving from the use of data. At the end of the course, the students will bring all of the knowledge together in a student driven workshop. 10% active participation, 40% presentations and 50% individual papers
The Law of Sustainable Technology	6	Paper Presentation	A1, A2, A4, A5 B1, B2, B3, B4 C1, C2	The course takes its shape in the form of a series of lectures and seminars. The lectures will be used to convey knowledge and to involve the student in the critical reflection on that knowledge. Accompanying the lectures, there will be seminars. Students will apply that knowledge during the seminar and, using team-based learning, develop their reflection and design skills when they first identify a number of digital technologies, identify the regulatory framework relevant to those technologies and then reflect on that regulatory framework to identify possible points for improvement. These findings will be done in small groups and then presented to and be discussed with the other groups. The final grade will be based on the in-class participation (20%), a group paper (40%) and an individual paper (40%; of which 50% is for the presentation and discussion)

Courses LLM Technology Law and Innovation

Block	Course name	Assessment	All assessment	Evaluation
1+2	Seminar Interactions between Legal Systems: Global, European, Domestic	Papers	Individual assessment	All evaluations
1	Consumers and Innovation	Paper Presentation	All assessments	All evaluations
1	Intellectual Property and Innovation	Individual assignment Presentation	All assessments	All evaluations
2	Competition Law and Market Regulation	Exam, Digital, Essay question	All assessments	All evaluations
2	Data Driven Innovation*	Paper Presentation		
3+4	Law in Practice (LLM)			
3+4	Master's thesis			
3	Cybersecurity in International and EU Law	Paper	All assessments	All evaluations
4	The Law of Sustainable Technology*	Paper Presentation		

* no evaluations yet