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**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA NAMED AFTER
PATRICE LUMUMBA
RUDN University**

Law Institute
Educational Division

COURSE SYLLABUS

**Information Technologies in Legal Practice (Fundamentals of Legal Tech) /
Информационные технологии в юридической деятельности**

(Course title)

Recommended by the Didactic Council for the Education Field

40.03.01 Law

field of studies / speciality code and title

**The course instruction is implemented within the professional education programme
of higher education:**

Bachelor of Laws (LLB)

higher education programme profile/specialisation title

1. COURSE GOAL(s)

The main purpose is to consider current approaches to legal regulation of technologies related to legal tech (AI, blockchain, etc.), study the practice of applying these technologies by the legal community and the state, to consider the issues of legal security of using technology in the field of legal tech

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course is aimed at the Bachelor's students' formation of the following competencies (part of competencies):

Table 2.1. List of competences that students acquire through the course study

Competence Code	Competence descriptor	Competence formation indicators (within this course)
GC-1.	Can search for information, perform its critical analysis and synthesis, apply systematic approach to complete the tasks.	GC-1.1. Analyzes the task while identifying its basic components; GC-1.2. Identifies and ranks the information required to complete the tasks; GC-1.3. Searches for information and performs its rational analysis to complete the task based on various types of requests; GC-1.4. Offers options for problem solving and analyzes the possible consequences of using them; GC-1.5. Analyzes various ways of solving worldview-related, moral and personal problems based on the use of fundamental philosophical ideas and categories in their historical development and sociocultural context.
GC-6.	Can manage their time, build and implement a personal development plan based on the principles of lifelong learning.	GC-6.1. Develops and uses tools and methods of time management and control to complete specific tasks, projects, goals; GC-6.2. Analyzes the main opportunities and tools of continuing education based on their interests and needs, considering such criteria as conditions, tools, personal opportunities, career growth stages, personal development timeframe and labor market requirements; GC-6.3. Sets personal development goals and professional growth priorities;
GPC-8.	Can obtain relevant legal information in a purposeful and efficient way from various sources, including legal databases, to complete specific professional tasks using information technology and considering information security requirements.	GPC-8.1. Can obtain relevant legal information from various sources, including legal databases, processes and arranges it based on the goal; GPC-8.2. Uses information technology to complete specific professional tasks; GPC-8.3. Demonstrates the readiness to complete professional tasks while considering information security requirements.
GPC-9.	Can understand the principles of modern information technology and use them to complete professional tasks.	GPC-9.1. Is aware of modern hardware and software and knows the principles, based on which they operate; GPC-9.2. Knows how to choose modern technology necessary to solve specific professional problems; GPC-9.3. Has mastered the skills of using modern technology necessary to solve specific professional problems.
PC-2	Can apply legal norms in specific legal areas and use them in the way prescribed by law	PC-2.4. Has mastered the methods of searching for cases of implementation of law and monitoring it in order to complete professional tasks.

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the core component of (B1) block of the higher educational programme curriculum.

Within the higher education programme students also master other (modules) and / or internships that contribute to the achievement of the expected learning outcomes as results of the course study.

Table 3.1. The list of the higher education programme components/disciplines that contribute to the achievement of the expected learning outcomes as the course study results

Competence Code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
GC-1.	Can search for information, perform its critical analysis and synthesis, apply systematic approach to complete the tasks.	Theory of State and Law Philosophy History of State and Law of Foreign Countries	Theory of State and Law
GC-6.	Can manage their time, build and implement a personal development plan based on the principles of lifelong learning.	History of State and Law of Foreign Countries	History of Political and Legal Doctrines
GPC-8.	Can obtain relevant legal information in a purposeful and efficient way from various sources, including legal databases, to complete specific professional tasks using information technology and considering information security requirements.	Computer Science	Civil and Arbitration Procedure Financial Law and Tax Law
GPC-9.	Can understand the principles of modern information technology and use them to complete professional tasks.	Computer Science	Civil and Arbitration Procedure
PC-2	Can apply legal norms in specific legal areas and use them in the way prescribed by law		Administrative Law Civil Law Financial Law and Tax Law

* - filled in based on the competency matrix

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

1) The total workload of the course is 3 credits (108 academic hours)

*Table 4.1. Types of academic activities during the periods of higher education programme mastering (full-time training)**

Types of academic activities	TOTAL, academic hours	Semester / Module			
		1	2	3	4
Contact academic hours	36			36	

Types of academic activities	TOTAL, academic hours	Semester / Module			
		1	2	3	4
including:					
Lectures (LC)	18			18	
Seminars (workshops/tutorials) (S)	18			18	
<i>Self-studies</i>	54			54	
<i>Evaluation and assessment (exam or pass/fail grading)</i>	18			18	
Course Workload	academic hours	108		108	
	credits	3		3	

5. COURSE CONTENTS

Table 5.1. Course contents and academic activities types

Course module title	Course module contents (topics)	Academic activities types
Legal tech: historical aspect of the influence of the information technology on the legal profession.	Topic 1.1. The main industries of legal tech and history of their formation (artificial intelligence (AI), virtual reality (VR), Augmented Reality(AR), Blockchain (Bch), legal to business/ legal to customer (L2B/L2C).	LC, S
	Topic 1.2. Major legal professions shaped by the legal tech industry.	LC, S
	Topic 1.3. Information technologies as a driver for the development of the legal industry	LC, S
Government Digitalization Strategy	Topic 2.1. Goals and objectives of the digitalization of the state function.	LC, S
	Topic 2.2. Stages of the state digitalization and the main regulatory documents of Russia and foreign countries.	LC, S
	Topic 2.3. Major Mega trends in the digitalization of public administration.	LC, S
	Topic 2.4. Technological solutions in the field of the digitalization of the state function used in Russia and abroad and their procedure for the legal regulation.	LC, S
Legal regulation and application of AI technology in legal activities	Topic 3.1. Doctrinal and legal definitions of AI.	LC, S
	Topic 3.2. Application of AI in legal practice in Russia and foreign countries.	LC, S
	Topic 3.3. Predicted justice, the robot lawyer and the prospects for the development of AI in the judicial system.	LC, S
	Topic 3.4. Technical solutions in the field of AI and their impact on the legal profession.	LC, S
Legal regulation and application of Blockchain technology in legal activities	Topic 4.1. Doctrinal and legal definitions of blockchain.	LC, S
	Topic 4.2. Legal regulation of smart contracts.	LC, S
	Topic 4.3. Legal regulation of ICO.	LC, S
	Topic 4.4. Digital Notaries.	LC,

Course module title	Course module contents (topics)	Academic activities types
		S
	Topic 4.5. The procedure for regulating the EDS and its protection	LC, S
Legal regulation and application of VR/AR, L2B/L2C technology in legal activities	Topic 5.1. Doctrinal and legal definitions of VR/AR, L2B, L2C.	LC, S
	Topic 5.2. Major L2B/L2C platforms used in legal practice.	LC, S
	Topic 5.3. Virtual court and issues of VR/AR application in legal practice.	LC, S
Legal regulation of IT security	Topic 6.1. International standards of information exchange. The threat concept. Information security in the context of global networks functioning in Russia	LC, S
	Topic 6.2. The goal and tasks in the field of information security at the state level	LC, S
	Topic 6.3. Legal regulation in the field of information protection.	LC, S
	Topic 6.4. State and trade secrets.	LC, S
	Topic 6.5. The order of regulation of work with personal data.	LC, S

* - filled in **only for full-time** education: LC - lectures; LW - laboratory work; S - seminars.

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Classroom equipment and technology support requirements

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for coursestudy (if necessary)
Lecture	A lecture hall for lecture-type classes, equipped with a set of specialised furniture; board (screen) and technical means of multimedia presentations.	A set of specialized furniture; technical means: Monoblock Multimedia projector Screen for projector Marker board WiFi
Lab work	A classroom for laboratory work, individual consultations, current and mid-term assessment; equipped with a set of specialised furniture and machinery.	A set of specialized furniture; technical means: Monoblock Multimedia projector Screen for projector Marker board WiFi
Seminar	A classroom for conducting seminars, group and individual consultations, current and mid-	A set of specialized furniture; technical means: Monoblock

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
	term assessment; equipped with a set of specialised furniture and technical means for multimedia presentations.	Multimedia projector Screen for projector Marker board WiFi, specialized software: Trados
Computer Lab	A classroom for conducting classes, group and individual consultations, current and mid-term assessment, equipped with personal computers (in the amount of 30 pcs), a board (screen) and technical means of multimedia presentations.	A set of specialized furniture; technical means: Monoblock Multimedia projector Screen for projector Marker board WiFi
Self-studies	A classroom for independent work of students (can be used for seminars and consultations), equipped with a set of specialised furniture and computers with access to the electronic information and educational environment.	A set of specialized furniture; technical means: Monoblock Multimedia projector Screen for projector Marker board WiFi

* - It is necessary to specify a classroom for self-study of students

7. RESOURCES RECOMMENDED FOR COURSE STUDY

Main readings:

1. Corrales M., Fenwick M., Haapio H. (ed.). Legal Tech, Smart Contracts and Blockchain. – Singapore : Springer, 2019.
2. Compagnucci, M. C. (2019). Correction to: Legal Tech and the New Sharing Economy (Vol. 223, p. 254). Springer Nature.
3. Jung C., Wendt D. H. Legal Protection Insurance and Legal Technology: The Legal Framework for Offering Legal Technology with a Particular Focus on the German Market. – Springer Nature, 2023.
4. Yastrebov O.A., Atabekov A.R. Legal Status of Artificial Intelligence Across Countries: Legislation on the Move. European Research Studies Journal Volume XXI, Issue 4, 2018.

Additional readings:

1. Marco Iansiti, Karim R. Lakhani The Truth About Blockchain HBR <https://hbr.org/2017/01/the-truth-about-blockchain>
2. Bazarova, Dildora. (2021). LEGAL TECH: LAW AND INFORMATION TECHNOLOGY. 10.13140/RG.2.2.13463.29602.
3. Schafer, Burkhard. (2022). Legal Tech and Computational Legal Theory. 10.1007/978-3-030-90513-2_15.
4. Kilian, Wolfgang. (2022). Legal Tech: Artificial Intelligence and Legal Decision making. Computer Law Review International. 23. 127-128. 10.9785/cr-2022-230407.

Internet-(based) sources:

1. Electronic libraries with access for RUDN students
 - RUDN Electronic library system <http://lib.rudn.ru/MegaPro/Web>
 - Electronic library system «University Library online» <http://www.biblioclub.ru>
 - Electronic Library «URAIT» <http://www.biblio-online.ru>
 - Electronic library system «Student. Consultant» www.studentlibrary.ru
 - Electronic library system «Lan» <http://e.lanbook.com/>
 - Electronic library system "Troitskyi most"

2. Databases and search engines:
 - Electronic Legal and Regulatory Documentation Fund <http://docs.cntd.ru/>
 - Search system Yandex <https://www.yandex.ru/>
 - Search system Google <https://www.google.ru/>
 - SCOPUS <http://www.elsevierscience.ru/products/scopus/>

*Training toolkit for self- studies to master the course *:*

* The training toolkit for self- studies to master the course is placed on the course page in the university telecommunication training and information system under the set procedure.

8. ASSESSMENT TOOLKIT AND GRADING SYSTEM* FOR EVALUATION OF STUDENTS' COMPETENCES LEVEL UPON COURSE COMPLETION

The assessment toolkit and the grading system* to evaluate the competences formation level (competences in part) upon the course study completion are specified in the Appendix to the course syllabus.

* The assessment toolkit and the grading system are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).

DEVELOPERS:

Assistant Professor of Administrative and Financial Law Department

A.R. Atabekov

Position, Name of the Department

Signature

Full name

HEAD OF EDUCATIONAL DEPARTMENT

Head of Administrative and Financial Law Department

O.A. Yastrebov

Position, educational department

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HEAD OF THE HIGHER EDUCATION PROGRAM

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