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**Federal State Autonomous Educational Institution for Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
(RUDN University)**

LAW INSTITUTE

Educational Division

COURSE SYLLABUS

Information Technologies in Legal Practice (Fundamentals of Legal Tech)

(Course title)

Recommended by the Didactic Council for the Education Field

40.03.01 Jurisprudence

field of studies / speciality code and title

Course is Taught as Part of the Educational Program of Higher Education

BACHELOR OF LAWS (LLB)

(name (profile/specialisation))

2022

1. COURSE GOAL

The aim of the course is:

- 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
- Consider the issues of legal security of using technology in the field of legal tech

2. LEARNING OUTCOMES

The course is aimed at building and enhancing the following target competences (parts of competences):

Table 2.1. List of target competences (parts of competences)

Шифр Code (GC, GPC, PC)	Компетенция Competence	Индикаторы достижения компетенции (в рамках данной дисциплины) Competence indicators
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 their own resources and their limitations (personal, situational, temporal, etc.) for successful task completion; GC-6.3. Finds and uses additional sources of information to increase the level of general and professional knowledge; GC-6.4. 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-6.5. Sets personal development goals and professional growth priorities; GC-6.6. Categorizes the tasks as long-, medium- and short-term ones while providing the basis for their relevance, analyzes the resource required for their implementation.
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;

Шифр Code (GC, GPC, PC)	Компетенция Competence	Индикаторы достижения компетенции (в рамках данной дисциплины) Competence indicators
		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 ACADEMIC PROGRAMME STRUCTURE

The course belongs to Block 1 of the curriculum.

As part of the curriculum, students also study other courses and/or internships that contribute to the achievement of expected learning outcomes.

Table 3.1. The list of components of the Educational Program of Higher Education that contribute to the achievement of the expected results of the development of the course

Code (GC, GPC, PC)	Competence	Previous courses/internships*	Subsequent courses/internships*
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		Administrative Law Civil Law

Code (GC, GPC, PC)	Competence	Previous courses/internships*	Subsequent courses/internships*
	them in the way prescribed by law		Financial Law and Tax Law

* - filled in based on the competency matrix

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

Course workload is 3 credits (108 academic hours)

Table 4.1. Types of academic activities for **full-time** education

Types of academic activities	TOTAL, academic hours	Semester / Module			
		1	2	3	4
<i>Classroom learning, academic hours</i>	36			36	
including:					
Lectures (LC)	18			18	
Lab work (LW)					
Seminars (workshops/tutorials) (S)	18			18	
<i>Self-study (ies), academic hours</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 UNITS AND CONTENTS

Table 5.1. The content of the course and types of academic activities

Course Units / Sections	Topics	Type of academic activity*
Section 1. 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
Section 2. 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

Course Units / Sections	Topics	Type of academic activity*
	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
Section 3. 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
Section 4. 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, S
	Topic 4.5. The procedure for regulating the EDS and its protection	LC, S
Section 5. 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
Section 6. 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

Classroom for Academic Activity Type	Classroom Equipment	Specialized hardware and software (if necessary)
Lecture	Classroom for lectures, equipped with a set of specialized furniture; a set of devices including portable multimedia projector, laptop, projection screen, stable wireless Internet connection.	Multimedia projector, laptop, projection screen, stable wireless Internet connection. Software: Office 365 (MS Office, MS Teams), Chrome
Lab	Classroom for lab work, group and individual consultations, evaluation and assessment, equipped with a set of specialized furniture; a set of devices including portable multimedia projector, laptop, projection screen, stable wireless Internet connection.	Multimedia projector, laptop, projection screen, stable wireless Internet connection. Software: Office 365 (MS Office, MS Teams), Chrome
Seminars	Classroom for seminars, group and individual consultations, evaluation and assessment, equipped with a set of specialized furniture; a set of devices including portable multimedia projector, laptop, projection screen, stable wireless Internet connection.	Multimedia projector, laptop, projection screen, stable wireless Internet connection. Software: Office 365 (MS Office, MS Teams), Chrome
Computer classroom	Computer classroom for academic activity, group and individual consultations, evaluation and assessment, equipped with a set of specialized furniture; a set of devices including portable multimedia projector, 30 personal computers, projection screen, stable wireless Internet connection.	Multimedia projector, laptop, projection screen, stable wireless Internet connection. Software: Office 365 (MS Office, MS Teams), Chrome
Self-studies Classroom	Classroom for Self-studies, equipped with a set of specialized furniture; a set of devices including portable multimedia projector, laptop, projection screen, stable wireless Internet connection.	Multimedia projector, laptop, projection screen, stable wireless Internet connection. Software: Office 365 (MS Office, MS Teams), Chrome
Courtroom	Classroom for court hearing simulation equipped with a set of specialized furniture; a set of devices including portable multimedia projector, laptop, projection screen, stable wireless Internet connection.	Multimedia projector, laptop, projection screen, stable wireless Internet connection. Software: Office 365 (MS Office, MS Teams), Chrome

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

7. RECOMMENDED SOURCES FOR COURSE STUDIES

Main reading (sources):

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 (optional) reading (sources):

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 "Troitskiy 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/>

* - Learning toolkits for self-studies in the RUDN Learning materials for self-studies on the relevant course pages in TUIS

8. ASSESSMENT AND EVALUATION TOOLKIT

Mid-Term Assessment and Evaluation Toolkit, Assessment and Grading Criteria are presented in the Appendix to this Course Syllabus

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