

Документ подписан простой электронной подписью  
Информация о владельце:  
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Должность: Ректор  
Дата подписания: 25.05.2023 20:04:37  
Уникальный программный ключ:  
ca953a0120d891083f939673078ef1a989dae18a

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

**LAW INSTITUTE**  
Educational Division

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**COURSE SYLLABUS**

**Data Regulation and Protection in Digital Age**  
(Course title)

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**Recommended by the Didactic Council for the Education Field**

**40.03.01 Jurisprudence**  
(Code and Name of the Field of Education / Specialty)

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

**BACHELOR OF LAWS (LLB)**  
higher education programme profile/specialisation title

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**2022**

**1. COURSE GOAL**

The aims of the course are:

- familiarization with the basic rules of law governing the legal support of information security
- study of the conditions for the implementation of information security within the legal framework
- study of innovative digital solutions applicable in the field of information security

## 2. LEARNING OUTCOMES

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

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

Code (GC, GPC, PC)	Competence	Competence indicators
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.

## 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 Code (GC, GPC, PC)	Competence	Previous courses/internships*	Subsequent courses/internships*
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	Comparative Constitutional Law and Justice Comparative Administrative Law and Justice Comparative Criminal Law Computer Science International Private Law	Legal Design Legal Tech: Advanced Course Workshop "Procedural Documents in Civil Cases" Work Experience (Pre-graduation) Internship

Code Code (GC, GPC, PC)	Competence	Previous courses/internships*	Subsequent courses/internships*
	information security requirements.	Civil and Arbitration Procedure	
GPC-9	Can understand the principles of modern information technology and use them to complete professional tasks.	Computer Science Civil and Arbitration Procedure	Legal Design Legal Tech: Advanced Course Work Experience (Pre-graduation) Internship

\* - filled in based on the competence 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			
		D	E	F	G
<i>Classroom learning, academic hours</i>	32		32		
including:					
Lectures (LC)	16		16		
Lab work (LW)					
Seminars (workshops/tutorials) (S)	16		16		
<i>Self-study (ies), academic hours</i>	58		58		
<i>Evaluation and assessment (exam or pass/fail grading)</i>	18		18		
<b>Course Workload</b>	academic hours	<b>108</b>		<b>108</b>	
	credits	<b>3</b>		<b>3</b>	

\* - must be completed in case of implementation of the program in extramural of study

#### 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 regulation of relations in the area of information security.	Topic 1.1. Types and kinds of information security. Subjects to information security relations.	LC, S
	Topic 1.2. Federal, regional and local information security laws.	LC, S
	Topic 1.3. The main international acts regulating the sphere of information security.	LC, S
	Topic 1.4. Information law: concept, subjects (participants) and objects.	LC, S
	Topic 2.1. The concept of state secrets, legal regulation.	LC,

Course Units / Sections	Topics	Type of academic activity*
Section 2. Legal regulation to ensure the state secret and trade secret regime		S
	Topic 2.2. The state secret regime.	LC, S
	Topic 2.3. The concept of trade secrets, legal regulation.	LC, S
	Topic 2.4. The trade secret regime.	LC, S
	Topic 2.5. The practice of legal regulation and protection of trade secrets in foreign countries.	LC, S
Section 3. Legal regulation of blockchain in Russia and foreign countries.	Topic 3.1. Historical aspect of the formation of blockchain technologies in the legal field.	LC, S
	Topic 3.2. Blockchain and information security are the main drivers for the development of the legal business.	LC, S
	Topic 3.3. Doctrinal and legal approaches in determining the boundaries of regulation of blockchain technologies.	LC, S
	Topic 3.4. Foreign approaches to determine the boundaries of blockchain technologies regulation.	LC, S
	Topic 3.5. Technological solutions based on blockchain used in the field of public administration and legal activities.	LC, S
Section 4. Requirements for information security with the use of blockchain technology.	Topic 4.1. Regulatory requirements for the technological, organizational and legal design of blockchain technology used for cryptography needs.	LC, S
	Topic 4.2. The main problems of legal regulation of technologies based on the blockchain and analysis of law enforcement practice.	LC, S
	Topic 4.3. The main problems of legal and information security of a person due to the introduction of blockchain technology in public relations.	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	Multimedia projector, laptop, projection screen, stable wireless Internet connection.

<b>Classroom for Academic Activity Type</b>	<b>Classroom Equipment</b>	<b>Specialized hardware and software (if necessary)</b>
	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. Vicente, D. M., & de Vasconcelos Casimiro, S. (Eds.). (2020). Data Protection in the Internet. Springer.
2. Walters, R., & Novak, M. (2021). Cyber Security, Artificial Intelligence, Data Protection & the Law. Springer.

*Additional (optional) reading (sources):*

1. De Morais, C. B., Mendes, G. F., & Vesting, T. (Eds.). (2022). The Rule of Law in Cyberspace.
2. Albers, M., & Sarlet, I. (2022). Personality and Data Protection Rights on the Internet. Springer International Publishing.

3. Frenz W. (ed.). Handbook Industry 4.0: Law, Technology, Society. – Springer Nature, 2022.
4. Naef, T. (2023). Data Protection without Data Protectionism: The Right to Protection of Personal Data and Data Transfers in EU Law and International Trade Law (p. 431). Springer Nature.

*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](http://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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