



**UČNI NAČRT PREDMETA / COURSE SYLLABUS**

<b>Predmet:</b>	<b>Digitalizacija javne uprave</b>
<b>Course title:</b>	Digitalisation of Public Administration

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Javna uprava – 1. stopnje		2	3
Public administration – 1. degree		2	3

Vrsta predmeta / Course type:	Obvezni predmet
Koda predmeta /Course code:	Mandatory subject

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individual work	ECTS
40	0	20	0	0	115	7

Študijska obremenitev študenta – skupaj/Student workload – total:

Nosilec predmeta / Lecturer:	doc. dr. Peter Merc
Jeziki/Languages: Predavanja / Lectures:	slovenski / Slovenian
Vaje / Tutorial:	slovenski / Slovenian

**Pogoji za vključitev v delo oz. za  
opravljanje študijskih obveznosti:**

**Prerequisites:**

Poznavanje osnov delovanja javne uprave (pristojnosti, sestava, pravni okvir za delovanje)  
Vsaj 80% prisotnost na predavanjih.

Basic knowledge of public administration's operations (responsibilities, structure, legal framework for operations). At least 80% attendance at lectures.

**Vsebina:**

- Digitalna transformacija v teoriji in praksi,

**Content (Syllabus outline):**

- Digital transformation in theory and in practice,

- Ključni pojmi: digitalna suverenost, digitalna infrastruktura, e-javna uprava, odprti podatki javnega sektorja,
- Izzivi za digitalizacijo javne uprave: obstoječi IT sistemi, zakonodaja, informacijska varnost,
- Nove tehnologije (veliko podatkovje, umetna inteligenca, tehnologija veriženja podatkovnih blokov, internet stvari, oblak),
- Evropski Indeks digitalnega gospodarstva in družbe (DESI),
- Digitalna identiteta kot osnova za e-storitve javne uprave (storitve zaupanja),
- E-demokracija: elektronske volitve, e-participacija, e-transparentnost,
- Digitalna orodja za e-storitve javne uprave,
- Primeri dobre prakse: Estonija, Švedska, Velika Britanija,
- Stanje digitalizacije in projekti v slovenski javni upravi,
- E-uprava v Sloveniji: STOP birokraciji, e-davki, eUprava, SPOT, zVem, OPSI
- Vpliv digitalne transformacije na zaposlene in delovne procese v javni upravi,
- Ukrepi za zmanjšanje posledic digitalizacije: univerzalni temeljni dohodek, obdavčitev robotov,
- Tveganja digitalizacije: kibernetika varnost, digitalna izključenost, kraja identitete, sistem točkovanja socialnega kapitala,
- Ključni pravni dokumenti in politike.

- Key terms: digital sovereignty, digital infrastructure, e-government, public sector open data,
- Challenges for the digitalization of public administration: IT legacy systems, legislature, information security,
- New technologies (big data, artificial intelligence, blockchain, internet of things, cloud),
- The Digital Economy and Society Index (DESI)
- Digital identity as a basis for e-services of public administration (trust services),
- E-democracy: electronic elections, e-participation, e-transparency,
- Public administration's digital tools for e-services,
- Use cases: Estonia, Sweden, Great Britain,
- The state of digitalization and projects in the Slovenian public administration,
- E-government in Slovenia: STOP bureaucracy, e-taxes, eUprava, SPOT, zVem, OPSI,
- Impact of digital transformation on employees and working processes in the public sector,
- Measures to reduce the impact of digitalisation: universal basic income, robot taxation,
- Risks of digitisation: cyber security, digital exclusion, identity theft, social capital scoring system,
- Key legal and policy documents.

## Temeljna literatura in viri / Readings:

### Obvezna / Compulsory:

Drugi viri / other resources:

The Digital Economy and Society Index (Slovenia, 2023): <https://digital-strategy.ec.europa.eu/sl/policies/desi-slovenia>

Akt o digitalnih storitvah

Akt o digitalnih trgih

Akt o upravljanju podatkov

Uredba o umetni inteligenci

Evropska digitalna agenda (2020)

Strategija Digitalna Slovenija

### Priporočena / recommended:

Drugi viri / other resources:

Portal GovTech: [www.GovTech.com](http://www.GovTech.com)

Portal Public Technology: [www.publictehnology.net](http://www.publictehnology.net)

## Cilji in kompetence:

Študentje bodo razvili **splošne kompetence**:

- sposobnost za reševanje konkretnih strokovnih problemov z uporabo znanstvenih metod in postopkov;
- koherentno obvladovanje temeljnega znanja, pridobljenega predvsem pri obveznih predhodnih predmetih, ter povezovanje znanja z različnih področij in njegova uporaba v poslovnem okolju;

## Objectives and competences:

Students will develop the following **general competences**:

- a good command of research methods and procedures, and the ability of critical judgement in concrete business practice;
- the understanding of the basic aspects of previous lectures and interconnecting knowledge interdisciplinary with the emphasis on international business relations;

- razumevanje splošne zgradbe in vsebine prava novih tehnologij ter povezanosti med njenimi poddisciplinami, tudi v luči mednarodnih odnosi, mednarodnih ekonomskih odnosov, diplomacije ter poslovnih ved;
- razumevanje in uporaba kritične analize in razvoja teorij ter njihova uporaba pri reševanju konkretnih strokovnih problemov.

Študentje bodo razvili **predmetno-specifične kompetence:**

- razumevanje procesa digitalne transformacije,
- razumevanje in osnovno poznavanje najnovejših tehnologij in njihova uporaba pri nudenju storitev v javni upravi,
- sposobnost analize, sinteze in predvidevanja rešitev ter posledic digitalne transformacije v javnem sektorju,
- sposobnost uporabe znanj s področja tehnologije in delovanja javne uprave v praksi,
- avtonomnost pri strokovnem delu in pri sprejemanju poslovnih odločitev,
- sodelovalnost, delo v skupini ter strpno sprejemanje in upoštevanje tvornih kritik in pripomb.

- the knowledge of social sciences with linkage to new technologies and also to international relations, international economic relations, diplomacy and business;
- the ability to observe and search for appropriate information regarding international business;
- susceptibility to new approaches and methods of solving problems in international business;
- the ability to design models and summarise solutions deriving from them.

Students will develop the following

**subject-specific competences:**

- understanding the digital transformation process,
- understanding and basic knowledge about the newest technologies and their implementation when offering public administration services,
- the ability to analyse, synthesise and anticipate solutions and consequences of digital transformation in public sector,
- the ability to use knowledge from the technology's field and regarding the operations of public administration in practice,
- the autonomy in making business decisions,
- propensity to cooperation and teamwork, the ability to handle and take constructive criticism into consideration.

**Predvideni študijski rezultati:**

**Intended learning outcomes:**

### Znanje in razumevanje:

Študent bo:

- spoznal teoretične in praktične vidike digitalne transformacije,
- spoznal in razumel osnove glede najnovejših tehnologij skozi njihovo implementacijo v praksi,
- razumel povezavo najnovejših tehnologij s posameznimi procesi (storitvami) v javni upravi,
- razumel pomen digitalne identitete posameznikov, kot osnove za vse digitalne storitve javne uprave in širše,
- razumel priložnosti in izzive (tehnološke, pravne), ki jih prinašajo elektronske volitve,
- razumel pomembnost vzpostavljanja infrastrukture 5G omrežja globalno in lokalno,
- spoznal digitalna orodja, ki se že uporabljajo ali se bodo uporabljala v javni upravi v razmerju do državljanov (npr. pogovorni roboti, e-notarske storitve, e-davki, itd.),
- na primerih najbolj digitalno naprednih držav spoznal praktične vidike digitalizacije storitev javne uprave,
- poznal pretekle in tekoče projekte digitalizacije slovenske javne uprave,
- razumel, kako bo digitalizacija vplivala na trg dela v prihodnosti, kakšni profili in poklici bodo iskani znotraj javne uprave.

### Knowledge and understanding:

Students will:

- get to know the theoretical and practical aspects of digital transformation,
- get to know and understand basic aspects of the newest technologies through their implementation in practice,
- understand interconnection between the newest technologies and specific processes (services) in public administration,
- understand the importance of personal digital identity, as a basis for public e-services and wider use,
- understand the opportunities and challenges (technological, legal) of e-elections,
- understand the importance of establishing 5G infrastructure globally and locally,
- get to know digital tools, which are already in use or will be in use in public administration (e.g. chatbots, e-notary, e-taxes, etc.),
- get to know best use cases of digitalization of public administration services from most innovative countries,
- get to know past and existing projects related to digitalization in Slovenian public administration,
- understand how digitalization will impact the future labor market, which profiles and jobs will be needed within public administration.

**Metode poučevanja in učenja:****Oblike dela:**

- Frontalna oblika poučevanja  
 Delo v manjših skupinah oz. v dvojicah  
 Samostojno delo študentov  
 E-učenje  
 Kombiniran način študija
- Drugo (vpišite)  
 \_\_\_\_\_  
 \_\_\_\_\_

**Metode (načini) dela:**

- Razlaga  
 Razgovor/ diskusija/debata  
 Delo z besedilom  
 Proučevanje primera  
 Igra vlog  
 Druge vrste nastopov študentov  
 Reševanje nalog  
 Študijski obiski podjetij ipd.)  
 Vključevanje gostov iz prakse  
 Udeležba na okrogli mizi, na konferenci

**Learning and teaching methods:****Types of learning/teaching:**

- Frontal teaching  
 Work in smaller groups or pair work  
 Independent students work  
 E-learning  
 Blended Learning
- Other \_\_\_\_\_

**Teaching methods:**

- Explanation  
 Conversation/discussion/debate  
 Work with texts  
 Case studies  
 Role-play  
 Different presentation  
 Solving exercises  
 Field work (e.g. company visits)  
 Inviting guests from companies  
 Attending round table and conference

**Načini ocenjevanja:****Assessment:**

**Način (pisni izpit, ustno izpraševanje, naloge, projekt)**

**Delež (v %) / Weight (in %)**

**Type (examination, oral, coursework, project)**

Sprotno ustno (aktivno sodelovanje pri kontaktnih urah)		Oral verification and assessment of knowledge
Sprotno pisno preverjanje znanja (krajši pisni izdelki)		Written verification and assessment of knowledge (short written casework)
Daljši pisni izdelki (seminarska naloga, projektna naloga)	20	Longer written casework
Javni nastop ali predstavitev		Presentations

Končni ustni izpit		Final examination (oral)
Končni pisni izpit	80	Final examination (written)
Drugo (vpišite)		Other:

**Reference nosilca / Lecture's references:**

Peter Merc je docent za področje digitalizacije javne uprave. Po izobrazbi je pravnik z diplomom iz gospodarskega kazenskega prava ter z magisterijem in doktoratom s področja bančnega prava. Kariero je začel v bančnem sektorju. Leta 2016 je ustanovil podjetje Lemur Legal, ki se ukvarja s pravnim svetovanjem tehnološkim podjetjem. V letu 2021 je ustanovil Suricate Ventures, družbo tveganega kapitala, ki vlaga v zagonska podjetja. Je solastnik tehnološkega podjetja Blocksquare.

Bibliografija:

[https://bib.cobiss.net/bibliographies/si/webBiblio/bib201\\_20200428\\_133208\\_a140278883.html](https://bib.cobiss.net/bibliographies/si/webBiblio/bib201_20200428_133208_a140278883.html)

Peter Merc is Assistant Professor in the field of digitisation of public administration. He is a lawyer by training, with a Bachelor's degree in Commercial Criminal Law and a Master's and Doctorate in Banking Law. He started his career in the banking sector. In 2016, he founded Lemur Legal, which focuses on legal advice for technology companies. In 2021, he founded Suricate Ventures, a venture capital firm investing in start-ups. He is co-owner of Blocksquare, a technology company.

Translated with [www.DeepL.com/Translator](http://www.DeepL.com/Translator) (free version)

Bibliography:  
[https://bib.cobiss.net/bibliographies/si/webBiblio/bib201\\_20200428\\_133208\\_a140278883.html](https://bib.cobiss.net/bibliographies/si/webBiblio/bib201_20200428_133208_a140278883.html)