



- Upravi doktorskog studija
- Službeni služba
- Upr. službu svaduh 11/12
- Služba za nastavu
- USB 28.12.2022

-UPRAVNI ODBOR-

Broj: 02-32-11/22

Sarajevo, 20. 12. 2022. godine

Na osnovu člana 59. i 31. Zakona o visokom obrazovanju („Službene novine Kantona Sarajevo“, broj 36/22), člana 55. Statuta Univerziteta u Sarajevu, člana 37. stav (1) Poslovnika o radu Upravnog odbora Univerziteta u Sarajevu i Odluke Senata Univerziteta u Sarajevu broj: 01-4-111/22 od 30. 11. 2022. godine, a u skladu sa Odlukom Vlade Kantona Sarajevo o davanju saglasnosti na visinu participacije cijena usluga, upisnina i drugih troškova studija Univerziteta u Sarajevu, te fakulteta i akademija u njegovom sastavu, broj: 02-05-19288-9/09 od 11. 06. 2009. godine, Upravni odbor Univerziteta u Sarajevu je, na 10. (desetoj) redovnoj sjednici održanoj dana 20. 12. 2022. godine, *donio*

ODLUKU

1. Utvrđuje se visina školarine za treći ciklus studija – doktorski studij iz *Informacijskih nauka* na Univerzitetu u Sarajevu – Filozofskom fakultetu u iznosu od 4.000,00 KM (slovima: četirihiljade KM) po godini studija odnosno ukupna školarina u visini od 12.000,00 KM (slovima: dvanaestihiljada konvertibilnihmaraka) po studentu, u skladu sa Pravilima trećeg ciklusa studija na Univerzitetu u Sarajevu – doktorski studij sa pratećim izmjenama i dopunama.
2. Ova Odluka stupa na snagu danom donošenja, a primjenjuje se od studijske 2022/2023. godine.

Obrazloženje

Upravnom odboru je radi utvrđivanja cijene za novi doktorski studij iz *Informacijskih nauka* na Univerzitetu u Sarajevu – Filozofskom fakultetu, dostavljena Odluka Senata Univerziteta u Sarajevu sa 52. redovne sjednice održane 30. 11. 2022. godine, kojom se utvrđuje prijedlog visine školarine za treći ciklus studija – doktorski studij iz *Informacijskih nauka* na Univerzitetu u Sarajevu – Filozofskom fakultetu u iznosu od 12.000,00 KM (slovima: dvanaestihiljada KM) po studentu, počevši od studijske 2022/2023. godine. Cijena navedenog dokorskog studija je formirana u okviru iznosa, koji je utvrđen Odlukom Vlade Kantona Sarajevo od 11. 06. 2009. godine.

Cijeneći navedeno Upravni odbor je na prijedlog Senata saglasno zakonom utvrđenom postupku odlučio kao u dispozitivu.

**PREDSJEDNIK
UPRAVNOG ODBORA**

Dr. sc. Murat Ramadanović



Dostaviti:

- Univerzitetu u Sarajevu – Filozofskom fakultetu
- Ministarstvu za nauku, visoko i mlade Kantona Sarajevo, putem Službe za nastavu Univerziteta u Sarajevu
- Predsjedniku i članovima Upravnog odbora Univerziteta u Sarajevu
- Generalnom sekretaru Univerziteta u Sarajevu
- Izvršnom direktoru Univerziteta u Sarajevu
- U dokumentaciju Upravnog odbora Univerziteta u Sarajevu
- Službi za nastavu Univerziteta u Sarajevu
- Arhivi



V. H. Škriješćević
F. 12. 2022. - full

- SENAT -

Broj: 01-4-111/22

Sarajevo, 30. 11. 2022. godine

Na osnovu članova 50. i 130. stav (2) tačka g) Zakona o visokom obrazovanju („Službene novine Kantona Sarajevo“ broj: 33/17, 35/20, 40/20 i 39/21), člana 59. tačka g) i člana 138. Statuta Univerziteta u Sarajevu, a u vezi sa odredbama člana 13. Pravilnika o postupku predlaganja, ocjene, usvajanja novih i izmjena postojećih studijskih programa i nastavnih planova i programa na Univerzitetu u Sarajevu, na prijedlog Vijeća Univerziteta u Sarajevu – Filozofskog fakulteta, broj: 03-09/247 od 16. 09. 2022. godine, uz prethodno Mišljenje Službe za nastavu od 17. 10. 2022. godine i Mišljenje Odbora za upravljanje kvalitetom Univerziteta u Sarajevu broj: 0101-12504/22 od 17. 11. 2022. godine, Senat Univerziteta u Sarajevu je na 52. redovnoj sjednici održanoj 30. 11. 2022. godine, donio slijedeću

ODLUKU

I

Usvaja se zahtjev za uspostavu i izvedbu novog studijskog programa *Doktorski studij iz informacijskih nauka* na Univerzitetu u Sarajevu – Filozofskom fakultetu.

II

Daje se saglasnost na cijenu novog studijskog programa *Doktorski studij iz informacijskih nauka* u iznosu od 12.000,00 KM (slovima: dvanaest hiljada KM) po studentu.

III

Univerzitet u Sarajevu – Filozofski fakultet je dužan studijski program iz tačke I ove odluke dostaviti Univerzitetu u Sarajevu u formi info kataloga u štampanoj i elektronskoj formi na bosanskom/hrvatskom/srpskom jeziku i engleskom jeziku, u roku od 30 dana od dana donošenja ove odluke.

IV

Ova odluka stupa na snagu danom donošenja i dostavlja se Upravnom odboru Univerziteta u Sarajevu radi utvrđivanja cijene studija iz tačke II ove odluke.

REKTOR
Prof. dr. Rifat Škriješćević



Dostavljeno:

- ☉ Filozofskom fakultetu
- Upravnom odboru UNSA
- Ministarstvu za nauku, visoko obrazovanje i mlade KS (putem Službe za nastavu)
- Službi za nastavu
- U dokumentaciju Senata
- Arhivi

UNIVERZITET U SARAJEVU

FILIZOFSKI FAKULTET

03-09/177-2

Datum: 20.7. 22 god.

Univerzitet u Sarajevu – Filozofski fakultet
Odsjek za komparativnu književnost i informacijske nauke
Katedra za informacijske nauke
Ak. 2022/2023.

PRIJEDLOG

DOKTORSKI STUDIJ IZ INFORMACIJSKIH NAUKA

(Elaborat s Nastavnim planom i programom)

Sarajevo, 2022.

1. Vrsta i naziv studija

Studij trećeg ciklusa po bolonjskom programu: **doktorski studij iz informacijskih nauka.**

Naučno područje: **društvene nauke**

Naučno polje: **informacijske nauke**

1.1. Osnovni podaci o studiju

Doktorski studij traje **tri (3) godine** u opsegu od **180 studijskih bodova (ECTS)** i predstavlja **treći stepen studija po bolonjskom sistemu.** U doktorskom studiju sudjeluju univerzitetski nastavnici s Univerziteta u Sarajevu – Filozofski fakultet, potom nastavnici s drugih organizacionih jedinica Univerziteta u Sarajevu, kao i, po potrebi, gostujući nastavnici iz drugih akademskih sredina. Na taj način popunjava se akademska praznina ograničenog broja nastavnika iz oblasti informacijskih i srodnih nauka u bosanskohercegovačkoj akademskoj zajednici te se studij obogaćuje iskustvima i znanjima srodnih akademskih zajednica. Pored toga, na ovaj način, udovoljava se potrebi interdisciplinarnosti i intersektoralnosti, a što savremeni studiji informacijskih nauka nužno podrazumijevaju.

1.2. Opis oblasti

Oblast studija predstavljaju informacijske nauke. Doktorski studij koncipiran je tako da obuhvati **različite grane i pravce unutar informacijskih nauka.** Na taj način pruža se cjelovita slika aktuelnih pravaca naučnih istraživanja unutar informacijskih nauka, ali se, istovremeno, nudi i uvid u napredne prakse i razumijevanja informacijskih djelatnosti, kao jednih od najvažnijih djelatnosti u savremenom društvu. Pored **obaveznih predmeta,** kroz niz **izbornih predmeta,** kandidatima/kinjama osigurava se uže profiliranje te specijaliziranje unutar pojedinih grana informacijskih nauka. Istraživačka i predavačka polja nastavnika angažiranih na doktorskom studiju osiguravaju širok uvid u različite informacijske discipline.

1.3. Opravdanost studija

Oblast informacijskih nauka sve je neizostavnija akademska disciplina na univerzitetima diljem svijeta u aktuelnom informacijsko-komunikacijskom okruženju, kako sama po sebi, tako i u složenim odnosima interdisciplinarnosti prema ostalim akademskim disciplinama. Univerzitet u Sarajevu ima dugu tradiciju izučavanja bibliotečkih i,

posredno te samo djelimično, i ostalih srodnih informacijskih disciplina, no sve do skorijeg vremena bez adekvatnog nominalnog određenja i smještanja u širi, generički okvir informacijskih nauka. Pod ovim imenom doktorski studij iz informacijskih nauka po prvi put se namjerava realizirati na Univerzitetu u Sarajevu, čime se ispravljaju višedecenijski propusti koji su za posljedicu imali ne samo vremenu neprimjereno imenovanje studija već, prije svega, smanjenje broja potencijalnih doktorskih kandidata/kinja, a koji su studij informacijskih nauka pohađali na inostranim univerzitetima.

1.3.1. Značaj i opravdanost studija s obzirom na potrebe tržišta rada u javnom i privatnom sektoru

Istraživanja i prakse unutar polja informacijskih nauka danas se smatraju temeljem razumijevanja i aktivnog doprinošenja unutar tzv. umreženog društva ili društva znanja. Interdisciplinarna priroda informacijskih nauka tiče se interakcije informacija, ljudi i tehnologije (informacijsko-komunikacijskih sistema) i obuhvata sve ključne komponente komunikacijskog lanca (stvaranje, organizacija, pretraživanje, diseminacija, pohrana i zaštita), zbog čega se pojavljuje kao važna te neizostavna unutar cijelog niza djelatnosti javnog i privatnog sektora. Studiji informacijskih nauka na svim obrazovnim razinama, osobito na razini doktorskih studija, osiguravaju važan okvir unutar kojeg se osposobljavaju stručnjaci za upravljanje znanjem unutar različitih disciplina i oblasti (informacijske discipline i profesije, informacijski sistemi i upravljanje dokumentima, baštinske ustanove, izdavaštvo i dr.), riječju, kako u javnom, tako i u privatnom sektoru, a kada je organizacija i upravljanje informacijama u pitanju. Stečena znanja i vještine implementiraju se u informacijskim i baštinskim ustanovama, kao i u tijelima javne uprave i vlasti te u privrednim organizacijama – u skladu s aktuelnim međunarodnim i lokalnim strategijama informacijskog menadžmenta.

1.3.2. Usklađenost sa zahtjevima strukovnih udruženja i s mogućim partnerima izvan visokoškolskog sistema te s lokalnom zajednicom

Strukovna udruženja u oblasti bibliotečkih i, danas primjerenije vremenu, informacijskih nauka, već duži period ukazuju na nužnost dovršavanja procesa stjecanja akademskih zvanja u oblasti informacijskih nauka na najvišoj, doktorskoj razini, čime se i Bosna i Hercegovina uključuje u akademske trendove regije, Evrope i svijeta te nadoknađuje prazninu nastalu nepostojanjem dokorskog studija iz informacijskih nauka u Bosni i Hercegovini. Postojanje cjeline akademskog obrazovanja u oblasti informacijskih nauka te njegove dovršenosti u vidu sva tri ciklusa studija među prioritetnim je ciljevima niza strukovnih udruženja vezanih za informacijske nauke. Takvo što pogoduje ne samo informacijskim ustanovama već i

cjelini društva zasnovanog na umrežavanju i upravljanju informacijama. Upravo stoga educiran i tržišno kompetitivan informacijski stručnjak doprinos je jačanju i blagostanju ne samo obrazovne već i cjelokupne lokalne zajednice, pa i šire.

1.4. Cilj studija i akademske kompetencije po završetku studija

Cilj studija jeste obrazovanje polaznika doktorskog studija iz oblasti informacijskih nauka na najvišoj akademskoj razini, odnosno obrazovanje za naučni rad u oblasti informacijskih nauka. Na ovaj način oblast informacijskih nauka u Bosni i Hercegovini prvi put dobiva svoje akademsko obrazovanje na najvišoj razini (u odnosu na ono prijeratno koje je pokrivalo isključivo oblast bibliotekarstva), čime se kandidatima/kinjama olakšava – tačnije iznova omogućava – stjecanje ovog naziva unutar matične zemlje, s jedne strane, dok se s druge strane stručnoj informacijskoj zajednici u Bosni i Hercegovini osigurava rad s iznimno kompetentnim i obrazovanim pojedincima, a što je s obzirom na aktuelno stanje u ovdašnjoj informacijskoj zajednici prijeka potreba.

1.5. Akademski stepen i opis zvanja

Zakonski okvir

U skladu s klasifikacijom područja nauke i tehnologije koji su definirani u tzv. Frascati priručniku, doktorski studij iz informacijskih nauka organizira se kao sastavni dio sljedeće klasifikacije:

Oblast (područje) 5: Društvene nauke

Polje 5.07: Informacijske nauke

(Prema: Revidiranoj klasifikaciji područja nauke i tehnologije priručnika Frascati – Ministarstvo civilnih poslova BiH, 10-33-16-1293/12 od 8. 12. 2006. i Odluke o matičnim oblastima Nastavno-naučnog vijeća Filozofskog fakulteta Univerziteta u Sarajevu, 02-01/276 od 20. 6. 2013. godine)

Završetkom doktorskog studija iz informacijskih nauka i odbranom doktorske disertacije postiže se akademski stepen:

Doktor informacijskih nauka

Zbog činjenice da trenutna zakonska regulativa ne predviđa naziv za dostignuti akademski stepen za studij informacijskih nauka, stav predlagača je da se naziv usvoji u odgovarajućoj proceduri putem Vijeća Univerziteta u Sarajevu –

Filozofskog fakulteta i Senata Univerziteta u Sarajevu, te je prijedlog da se taj akademski stepen nakon okončanja III ciklusa studija te odbrane doktorske disertacije imenuje: doktor informacijskih nauka.

1.6. Usklađenost s misijom i strateškim dokumentima Univerziteta u Sarajevu

Predloženo uvođenje dokorskog studija iz informacijskih nauka usklađeno je s misijom, vizijom te sa strateškim dokumentima Univerziteta u Sarajevu, kao i s misijom i vizijom Univerziteta u Sarajevu – Filozofskog fakulteta, posljedično čemu će se nastojati kroz nastavno-naučni proces i istraživački rad obrazovati sposobne, kreativne i međunarodno kompetentne kadrove u nadležnoj oblasti, kako bi mogli profesionalno i kvalitetno izvršavati zahtjevne zadatke moderne privrede u evropskom i svjetskom političkom, društvenom, humanističkom i kulturnom kontekstu. Kroz nastavni proces utemeljen na istraživanjima, inovacijama i akademskoj izvrsnosti obrazuju se nosioci razvoja Bosne i Hercegovine te se kroz naučni i istraživački rad potiče stvaranje novih rješenja i kreativnih ideja, koje su oslonac održivog razvoja Bosne i Hercegovine (usp. <http://www.ff.unsa.ba/index.php/bs/pocetna-bs/misija-i-vizija-fakulteta>).

Pored spomenute Frascati klasifikacije, doktorski studij iz informacijskih nauka organizira se i na osnovu važećih propisa, dokumenata i strategija na Univerzitetu u Sarajevu:

- Pravilnik o postupku predlaganja, ocjene, usvajanja novih i izmjene postojećih studijskih programa i nastavnih planova i programa na Univerzitetu u Sarajevu, dostupno na: <https://unsa.ba/sites/default/files/dodatak/2021-03/Pravilnik%20postupak%20predlaganja%20studijskih%20programa.pdf>
- Pravilnik o sistemu osiguranja i upravljanja kvalitetom Univerziteta u Sarajevu, dostupno na: <https://www.unsa.ba/sites/default/files/dodatak/2019-02/Pravilnik%20o%20sistemu%20osiguranja%20i%20upravljanja%20kvalitetom.pdf>
- Pravila studiranja za treći ciklus studija na Univerzitetu u Sarajevu, UNSA, dostupno na: <https://www.unsa.ba/en/node/1794>
- Strategija razvoja Univerziteta u Sarajevu 2019–2023, dostupno na: https://unsa.ba/sites/default/files/dodatak/2019-05/Strategija%20razvoja%20UNSA_30042019_ilektorisano.pdf
- Standardi i normativi za obavljanje djelatnosti visokog obrazovanja na području Kantona Sarajevo, dostupno na:

<https://www.unsa.ba/sites/default/files/dodatak/2019-06/STANDARDI%20I%20NORMATIVI-SLUZBENE%20NOVINE.pdf>.

- Spisak akademskih titula, naučnih/znanstvenih i stručnih zvanja koja se mogu stjecati na visokoškolskim ustanovama u Kantonu Sarajevo ("Službene novine Kantona Sarajevo, br. 26, 31. 5. 2012.), dostupno na: <http://ff.unsa.ba/files/trajno/propisi/ks/Pravilnik%20o%20sticanju%20i%20koristenju%20akademskih%20titula%20strucnih%20i%20naucnih%20zvanja%20na%20visokoskolskim%20ustanovama%20na%20podrucju%20KS.pdf>

1.7. Usporedivost studijskog programa s programima akreditovanih studijskih programa u zemlji i izvan nje

Predloženi studijski program doktorskog studija iz informacijskih nauka svojom interdisciplinarnošću te raznolikošću ponuđenih predmeta izučavanja obuhvata različite grane unutar polja informacijskih nauka, nastojeći svojevrsnim holističkim pristupom osigurati uvid u najaktuelnija istraživanja i prakse unutar ovog naučnog polja. Predloženi program, prije svega, utemeljen je na analiziranim potrebama lokalne akademske zajednice, ali je svojom širinom i osavremenjenošću usporediv s programima akreditovanih studijskih programa u regiji te i dalje, imajući u vidu prije svega evropske kurikulume u oblasti informacijskih nauka.

1.8. Mogućnosti mobilnosti studenata u zemlji i izvan nje i prohodnost studija

Zasnovano i na preporukama EINFOSE projekta unutar Erasmus + projekta (2016–2018) (usp. <https://einfose.ffos.hr/>), predloženi studijski program nastoji ujednačiti ishode učenja te poticati akademsku mobilnost studenata, obuhvatajući u prvom redu društvene i humanističke oblasti.

1.9. Analiza mogućnosti zapošljavanja studenata i ishodi učenja te projektne aktivnosti u skladu sa zahtjevima tržišta rada

U uvjetima općenite potrebe za znanjima i vještinama upravljanja informacijama u različitim tipovima organizacija unutar javnog i privatnog sektora te životnog stila uopće, mogućnosti zapošljavanja studenata brojne su te očigledno šire nego u ranijim uvjetima. Stečena znanja i vještine primjenjiva su unutar svih organizacija u kojima se razvijaju i implementiraju strategije prikupljanja, pohranjivanja, organizacije i dostavljanja informacija. Jednako tako postoje i mogućnosti zapošljavanja vezano uz upravljanje složenim informacijskim sistemima, vođenje informacijske politike te

općenito upravljanja projektnim aktivnostima u informacijskom društvu. Kandidate/kinje snažno se potiče na učešće u različitim istraživačkim projektima.

2. Organizator / nositelj doktorskog studija

Organizator / nositelj studija: Univerzitet u Sarajevu – Filozofski fakultet

Izvršni nositelj studija: Vijeće doktorskog studija iz informacijskih nauka

Studijem rukovodi Vijeće doktorskog studija, kojeg čine predsjednik Vijeća studija i članovi Vijeća iz reda nastavnika koji su angažirani na realizaciji nastavnog procesa, kao i sekretar Vijeća iz reda nastavnika, i to (abecednim slijedom prezimena): prof. dr. Dušanka Bošković, prof. dr. Esad Delibašić, prof. dr. Senada Dizdar, prof. dr. Lejla Hajdarpašić, prof. dr. Mario Hibert, prof. dr. Lejla Kodrić Zaimović, prof. dr. Iza Razija Mešević, prof. dr. Emina Resić i prof. dr. Selma Rizvić. Predsjednik Vijeća je prof. dr. Lejla Kodrić Zaimović, koja rukovodi Vijećem i obavlja poslove voditelja studija. Administrativni sekretar Vijeća studija je gosp. Haris Bajić.

Akadske reference nastavnika na doktorskome studiju iz informacijskih nauka su (abecednim slijedom prezimena):

Dr. Dušanka Bošković, vanredna profesorica Univerziteta u Sarajevu – Elektrotehnički fakultet

Dr. Esad Delibašić, vanredni profesor Filozofskog fakulteta Univerziteta u Zenici

Dr. Senada Dizdar, redovna profesorica Univerziteta u Sarajevu – Filozofski fakultet

Dr. Lejla Hajdarpašić, vanredna profesorica Univerziteta u Sarajevu – Filozofski fakultet

Dr. Mario Hibert, vanredni profesor Univerziteta u Sarajevu – Filozofski fakultet

Dr. Lejla Kodrić Zaimović, redovna profesorica Univerziteta u Sarajevu – Filozofski fakultet

Dr. Iza Razija Mešević, vanredna profesorica Univerziteta u Sarajevu – Pravni fakultet

Dr. Emina Resić, redovna profesorica Univerziteta u Sarajevu – Ekonomski fakultet

Dr. Selma Rizvić, redovna profesorica Univerziteta u Sarajevu – Elektrotehnički fakultet

Po funkciji: prodekan za nastavu i studentska pitanja i prodekan za naučnoistraživački rad, međunarodnu akademsku saradnju i izdavaštvo.

3. Pravo prijave i uvjeti za upis

Upis u treći ciklus studija vrši se na osnovu Javnog konkursa koji se objavljuje u dnevnom listu u Bosni i Hercegovini, na web stranici Fakulteta i na web stranici Univerziteta u Sarajevu. Vijeće doktorskog studija određuje broj kandidata / polaznika studija. Minimalni broj kandidata/kinja je onaj koji zadovoljava finansijske uvjete za izvođenje nastave i zakonske uvjete za njeno održavanje te se, s obzirom na opće i šire društvene te akademske uvjete očekuje da će predloženi doktorski studij iz informacijskih nauka privući pažnju najmanje **pet (5) kandidata/kinja**.

Svi opći uvjeti za upis kandidata regulirani su čl. 21. do 29. Pravila studiranja za treći ciklus studija Univerziteta.

Doktorski studij iz informacijskih nauka mogu upisati kandidati/kinje s akademskim zvanjem **magistra/ice struke (MA)** kojima su bibliotekarstvo i/ili informacijske nauke bili glavni ili jedan od glavnih predmeta drugog ciklusa studija, kandidati/kinje s akademskim zvanjem **magistra/ice nauka (mr.)** kojima su bibliotekarstvo i/ili informacijske nauke bili glavni ili jedan od glavnih predmeta postdiplomskog studija, kandidati/kinje s drugim, **ekvivalentnim** akademskim zvanjem te kandidati/kinje s akademskim zvanjem **magistra/ice struke (MA)** ili **magistra/ice nauka (mr.)** iz neke druge, **srodne studijske oblasti**, sve ovo pod uvjetom da su tokom prethodnog studija ostvarili/e prosječnu ocjenu najmanje **osam (8)**.

Kandidatima/kinjama za upis koji su stekli zvanje **magistra/ice nauka (mr.)** prije uvođenja Bolonjskog sistema na osnovu člana 22. Pravila studiranja za treći ciklus studija na Univerzitetu u Sarajevu priznaje se **60 ECTS**. Nakon sprovedene procedure ekvivalencije i priznavanja 60 ECTS bodova, njihove preostale studijske obaveze utvrđuju se posebnom odlukom Vijeća doktorskog studija i/ili u skladu s Pravilima studiranja za treći ciklus studija na Univerzitetu u Sarajevu.

Kandidati/kinje strani/e državljani/ke studij upisuju pod jednakim uvjetima kao i kandidati/kinje državljani/ke BiH.

4. Prostorni uvjeti i oprema (Kapacitet organizatora / izvršitelja programa doktorskog studija)

Kada su prostorni uvjeti i oprema u pitanju, studijski program usklađen je s važećim Standardima i normativima za obavljanje djelatnosti visokog obrazovanja na području Kantona Sarajevo te se izvodi u učionicama Univerziteta u Sarajevu – Filozofski fakultet, u prostorijama opremljenim LCD projektorima, računarima i drugom potrebnom

opremom. Kandidati/kinje imaju pravo korištenja Biblioteke Filozofskog fakulteta – Univerziteta u Sarajevu, kao i drugih kapaciteta kojima Fakultet raspolaže.

5. Jezik studija

Jezik / jezici na kojima se izvodi doktorski studij iz informacijskih nauka jeste b/h/s, a po potrebi nastava se može izvoditi i na engleskom jeziku.

6. Struktura i organizacija studija

Nastavno-naučni proces na Doktorskom studiju iz informacijskih nauka odvija se tokom **šest semestara**. Opterećenje kandidata/kinja tokom nastavno-naučnog procesa (što uključuje i ispite te prijavu, izradu i odbranu doktorske disertacije) izražava se u studijskim bodovima (ECTS), pojedinačno po planiranim obaveznim i izbornim nastavnim predmetima (**9 ECTS, 7 ECTS, odnosno 12 ECTS po nastavnom predmetu**) i zbirno po semestrima (**30 ECTS po semestru, sveukupno 180 ECTS**).

Nastavni predmeti koje pohađa kandidat/kinja tokom studija dijele se na **obavezne i izborne**, koje kandidat/kinja pohađa tokom prvog i drugog studijskog semestra u obimu do 20 kontakt-sati sedmično tokom 16 (15+1) sedmica nastavno-naučnog procesa semestralno, dok su treći, četvrti, peti i šesti studijski semestar predviđeni za izbor i definiranje uže oblasti ili discipline istraživanja, prijavu i prezentaciju projekta dokorskog rada te izradu i odbranu **doktorske disertacije** uz vodstvo mentora/ice / komentora/ice.

U skladu s članom 19. Pravila studiranja za treći ciklus studija na Univerzitetu u Sarajevu, Vijeće studija doktorandu pri upisu dodjeljuje supervizora koji usmjerava i prati doktoranda i njegov rad do imenovanja mentora. Supervizor je u načelu i potencijalni budući mentor.

Obavezni nastavni predmeti jesu predmeti čiji je sadržaj općeg i/ili metodološkog karaktera, a njihovo pohađanje obavezno je za sve studente/ice studija i predviđeno je u cijelosti za **prvi studijski semestar**. **Izborni nastavni predmeti** u pravilu su sadržajno i/ili metodološki uže specificirani, te student/ica ima mogućnost njihovog slobodnog izbora s liste izbornih nastavnih predmeta tokom **drugog studijskog semestra**, pri čemu u drugom studijskom semestru bira **dva izborna nastavna predmeta** s popisa ponuđenih izbornih predmeta. Uz aktivno učešće studenta/ice u radu tokom nastavno-naučnog procesa, **završni ispiti** iz svih nastavnih predmeta (obaveznih i izbornih) polažu se **nakon odslušane nastave i nakon svih izvršenih nastavnih obaveza**. U slučaju opravdane potrebe, studentu/ici vrijeme predviđeno za polaganje završnih ispita može se produžiti, o čemu odluku donosi Vijeće dokorskog studija i/ili drugi nadležni

organ u skladu sa Zakonom o visokom obrazovanju i drugim relevantnim propisima i pravilima.

Studij se okončava odbranom **doktorske disertacije**. **Prijava projekta doktorske disertacije** obavlja se **početkom trećeg studijskog semestra**, a doktorska disertacija izrađuje se uz vodstvo mentora/ice **tokom četvrtog, petog i šestog studijskog semestra**. Tokom **četvrtog semestra** kandidat/kinja **pristupa odbrani projekta doktorske disertacije**. U slučaju opravdane potrebe, studentu/ici vrijeme predviđeno za prijavu teme doktorske disertacije s obrazloženjem, odnosno vrijeme za izradu doktorske disertacije može se produžiti, o čemu odluku donosi Vijeće dokorskog studija i/ili drugi nadležni organ u skladu sa Zakonom o visokom obrazovanju i drugim relevantnim propisima i pravilima. **Radna verzija doktorske disertacije** prijavljuje se **do kraja šestog semestra**. Doktorska disertacija brani se javno pred Komisijom, koju, u skladu sa Zakonom o visokom obrazovanju i drugim relevantnim propisima i pravilima, imenuje Vijeće dokorskog studija i/ili drugi nadležni organ.

Postupak **prezentacije radne verzije doktorske disertacije**, kao i **postupak odbrane disertacije**, odvijaju se u više faza, koje su regulirane članovima 39. do 48. Pravila studiranja za treći ciklus studija na Univerzitetu u Sarajevu. Doktorand javno prezentira rezultate radne verzije doktorske disertacije. Odbrana doktorske disertacije je javna i obavlja se najkasnije 30 dana od dana kada Komisiju za odbranu imenuje Senat Univerziteta u Sarajevu na prijedlog Vijeća Univerziteta u Sarajevu – Filozofskog fakulteta.

Sastavni dio obaveza kandidata/kinje u nastavno-naučnom procesu na doktorskom studiju jeste i objavljivanje ili prihvatanje za objavljivanje prije odbrane doktorske disertacije najmanje **jednog naučnoistraživačkog rada** tematski povezanog s doktorskim istraživanjem, i to u priznatim publikacijama koje se nalaze u relevantnim naučnim bazama podataka, što se vrednuje s po **10 ECTS u četvrtom**, odnosno s **10 ECTS u petom studijskom semestru**.

6.1. Uvjeti upisa u sljedeći semestar

Kako bi mogao pristupiti istraživačkom radu, pripremi, izradi i odbrani doktorske disertacije, kandidat/kinja ukupno mora položiti šest (6) predmeta: četiri (4) obavezna predmeta tokom 1. semestra studija te dva (2) izborna predmeta tokom drugog semestra. Tokom 2. semestra studija kandidat/kinja odabire dva (2) od ukupno četiri (4) izbornih predmeta koji su na raspolaganju. Izborni predmeti biraju se u skladu s ličnim akademskim i istraživačkim interesovanjem te, po preporuci, s temom doktorske disertacije.

6.2. Predmeti s drugih studijskih programa

Nastavni plan i program doktorskog studija iz oblasti informacijskih nauka potiče interdisciplinarnost te kandidatima/-kinjama koji su polaznici doktorskog studija pruža potencijalnu mogućnost da pri odabiru izbornih predmeta iz Nastavnog plana i programa doktorskog studija iz informacijskih nauka steknu uvid i u predmete iz drugih, informacijskim naukama srodnih disciplina, prilagođenih ciljevima doktorskog studija iz informacijskih nauka.

6.3. Načini dokumentovanja praktične nastave

U skladu s eventualnim potrebama izvođenja praktične nastave na pojedinim predmetima, svi elementi praktične nastave bivaju dokumentirani unutar informacijskih sistema putem kojih se realizirala praktična nastava ili, pak, u evidenciji nastavnika, supervizora ili mentora.

7. Troškovi studija

Troškovi studija za šest semestara iznose 12.000,00 KM (dvanaest hiljada konvertibilnih maraka) po kandidatu. S obzirom na to da je temeljni način finansiranja studija uplaćena školarina, kontinuitet uplaćenih troškova školarine jamči osiguranje dovršetka studija. Školarina se plaća prije početka svakog semestra, raspoređeno po semestrima po 2.000 KM. Detaljna finansijska analiza donosi se u finansijskom prilogu predloženog elaborata.

8. Popis predmeta s nositeljima predmeta, brojem kontakt-sati i ECTS bodova

I semestar

R. br.	Status predmeta	Shifra	Naziv predmeta	Nositelj predmeta	Broj sati P + S	ECTS
1.	Obavezni	DOS INF 601	Odabrane teme iz metodologije informacijskih nauka	Prof. dr. Senada Dizdar / Prof. dr. Mario Hibert	2 + 2	9
2.	Obavezni	DOS INF 602	Teorija i praksa baštinskih ustanova u digitalnom okruženju	Prof. dr. Lejla Kodrić Zaimović	2 + 2	7
3.	Obavezni	DOS INF 603	Organizacija znanja u e-okruženju	Prof. dr. Senada Dizdar / Prof. dr.	2 + 2	7

				Dušana Bošković		
4.	Obavezni	DOS INF 604	Bibliografska kontrola u digitalnom okruženju	Prof. dr. Lejla Hajdarpašić	2 + 2	7
	UKUPNO				8 + 8	30

II semestar

R. br.	Status predmeta	Shifra	Naziv predmeta	Nositelj predmeta	Broj sati P + S + K	ECTS
1.	Izborni	DOS INF 605	Kvantitativne i kvalitativne metode u istraživanjima	Prof. dr. Emina Resić	2 + 1 + 0	12
2.	Izborni	DOS INF 606	Multimedijalna prezentacija kulturne baštine	Prof. dr. Selma Rizvić	2 + 1 + 0	12
3.	Izborni	DOS INF 607	Evropske kulturne politike i politike identiteta	Prof. dr. Esad Delibašić	2 + 1 + 0	12
4.	Izborni	DOS INF 608	Autorsko pravo i srodna prava	Prof. dr. Iza Razija Mešević	2 + 1 + 0	12
5.	Rad sa supervizorom na definiranju uže oblasti i teme doktorske disertacije	DOS INF 609			0 + 0 + 4	6
UKUPNO					4 + 2 + 4	30

Napomena: tokom drugog (II) studijskog semestra kandidat/kinja odabire **dva izborna predmeta** s liste ponuđenih izbornih predmeta, od kojih je barem jedan vezan uz užu oblast i temu doktorske disertacije.

1. Tabelarni prikaz naučnoistraživačkog rada tokom trećeg (III), četvrtog (IV), petog (V) i šestog (VI) studijskog semestra

Godina	Semestar	Shifra	Naučnoistraživački rad kandidata	Broj sati K	ECTS
Druga	III	DOS INF 701	Rad s mentorom na temi doktorske disertacije	5	10
Druga	III	DOS INF 702	Priprema projekta doktorske disertacije	10	20
UKUPNO				15	30

Godina	Semestar	Shifra	Naučnoistraživački rad kandidata	Broj sati K	ECTS
Druga	IV	DOS INF 703	Odbrana projekta doktorske disertacije	5	10
Druga	IV	DOS INF 704	Doktorska disertacija / mentorski rad	5	10
Druga	IV	DOS INF 705	Samostalni naučnoistraživački rad	5	10
UKUPNO				15	30

Godina	Semestar	Shifra	Naučnoistraživački rad kandidata	Broj sati K	ECTS
Treća	V	DOS INF 801	Doktorska disertacija / Mentorski rad	10	20
Treća	V	DOS INF 802	Samostalni naučnoistraživački rad	5	10
UKUPNO				15	30

Godina	Semestar	Shifra	Naučnoistraživački rad kandidata	Broj sati K	ECTS
Treća	VI	DOS INF 803	Predstavljanje i odbrana radne verzije doktorske disertacije	5	10
Treća	VI	DOS INF 804	Odbrana doktorske disertacije	10	20
UKUPNO				15	30

2. Tabela prikaz cjelokupnog nastavnog i naučnoistraživačkog rada tokom studijskih semestara

I semestar	II semestar	III semestar	IV semestar	V semestar	VI semestar
Obavezni predmeti (30 ECTS)	Izborni predmeti (24 ECTS) Rad sa supervizorom na definiranju uže oblasti i teme doktorske disertacije (6 ECTS)	Rad s mentorom na temi doktorske disertacije (10 ECTS) Priprema projekta doktorske disertacije (20 ECTS)	Obrana projekta doktorske disertacije (10 ECTS) Doktorska disertacija / mentorski rad (10 ECTS) Samostalni naučnoistraživački rad (10 ECTS)	Doktorska disertacija / Mentorski rad (20 ECTS) Samostalni naučnoistraživački rad (10 ECTS)	Predstavljanje i odbrana radne verzije doktorske disertacije (10 ECTS) Obrana doktorske disertacije (20 ECTS)
30 ECTS	30 ECTS	30 ECTS	30 ECTS	30 ECTS	30 ECTS
Ukupno: 180 ECTS					

3. Praćenje kvalitete i realizacije programa (osiguranje kvalitete i evaluacija)

Praćenje kvalitete i evaluacija programa dokorskog studija iz informacijskih nauka realizira se kontinuirano tokom izvedbe studija, i to na osnovu sljedećih kriterija:

- pribavljanja mišljenja kandidata o inovativnosti, informativnosti i recentnosti u realizaciji predviđenih predmeta te o kvaliteti i pravovremenosti komunikacije s predmetnim nastavnicima;
- dokumentacije, analize i vrednovanja mišljenja kandidata – polaznika studija;
- anketiranje kandidata nakon svakog odslušanog predmeta;
- samoevaluacija nastavnika;
- kontinuirana evidencija o ishodima studiranja (pristupanje ispitima, ispitna prolaznost i prosječne ocjene po predmetu / kandidatu);
- analiza mišljenja predmetnih nastavnika o mogućnostima i načinima unapređenja studija;

- nastavnici, a osobito mentori kandidata daju izvještaj Vijeću doktorskog studija o zapažanjima, prijedlozima i zadovoljstvu kandidata doktorskog studija.

4. Izvedbeni plan – silabusi

Šifra predmeta: DOS INF 601	Naziv predmeta: Odabrane teme iz metodologije informacijskih nauka		
Ciklus: III	Godina: I	Semestar: I	Broj ECTS kredita: 9
Status: obavezni		Ukupan broj sati: 2 P + 2 S	
Odgovorni nastavnik/ci	Nastavnici i saradnici izabrani na oblast kojoj predmet pripada [v. prof. dr. Mario Hibert / prof. dr. Senada Dizdar]		
Preduslov za upis:	Nema.		
Cilj (ciljevi) predmeta:	Cilj kolegija je objasniti i tumačiti isprepletenost pitanja iz područja informacijskih i komunikacijskih tehnologija, obrazovanja i društva. Poseban naglasak će biti stavljen na konceptualne okvire kritičke teorije (idealističke, emancipatorne, političke). Kolegij će obuhvatati i teme koje je donio pozitivistički pristup istraživanjima u komunikacijsko informacijskim naukama, a koje će se realizirati kroz teme iz opšte metodologije i metodologije informacijskih nauka. Kolegij je organiziran oko skupa ideja i principa koje je moguće koristiti na način da se usmjeravaju prakse profesionalne i društvene transformacije.		
Tematske jedinice:	<p>Sadržaj predmeta: Uvodna razmatranja; Klasični teorijski pogledi na obrazovanje. Kvalitativna i kvantitativna istraživanja (logički pozitivizam, interpretativizam, posmodernistička istraživanja (lingvistički obrat, kritička analiza diskursa, postmodernizam). Kritička teorija obrazovanja; Kritička metodologija istraživanja e-obrazovanja. Stavovi prema obrazovnim tehnologijama: kritička teorija tehnologija. Obrazovanje i globalizacija: kritička teorija e-obrazovanja, modeli razvoja e-obrazovanja. Tehnologije za kritičko e-obrazovanje; dosezi teorije digitalnog učenja. Vođeno istraživačko učenje i metapismenost. Društveni, etički i pravni aspekti naučnih istraživanja. Izvori i karakteristike umrežene nauke. Metode naučnog rada, vrste istraživanja, metode prikupljanja</p>		

	podataka, interpretacija podataka i izrada naučnog rada. Posebne metode informacijskih nauka (bibliometrija: (bibliometrijski zakoni, bibliometrijske metode, bibliometrijske analize), sadržajna analiza, analiza sekundarnih podataka.																				
Ishodi učenja:	Znanje: Opisati i povezati kritičko obrazovni praxis (dijalektički odnosa teorije i prakse). Objasniti pod kojim uvjetima i u kom kontekstu se primjenjuju pojedinačne metode naučnog rada u rješavanju istraživačkog problema. Vještine: Primjeniti adekvatnu metodu u izradi naučnih radova s obzirom na nedostatke pozitivističke metodologije. Kompetencije: Kritičke kompetencije mišljenja odnosa tehnologije, obrazovanja i društva. Interpretacija, kontekstualizacija i prilagodba digitalnog učenja u odgojno-obrazovnom procesu.																				
Metode izvođenja nastave:	Oblici: frontalni, i individualni rad. Metode: Predavanja. Diskusija. Seminar. Upotreba prezentacija u izvođenju nastave (PPT) i nastavnog materijala pohranjenog na sistemu učenja na daljinu <i>Biser</i> (dostupan na http://biser.ff.unsa.ba/)																				
Metode provjere znanja sa strukturom ocjene¹:	Kontinuirano tokom semestra, kao i na završnom ispitu prema sljedećim elementima praćenja: <table border="1" data-bbox="434 1079 1353 1608"> <thead> <tr> <th>R. br.</th> <th>Elementi praćenja</th> <th>Broj bodova</th> <th>Učešće u ocjeni (%)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Prisustvo na nastavi i učešće u diskusijama i aktivnosti na predavanjima i seminarima</td> <td>20</td> <td>Max 20%</td> </tr> <tr> <td>2.</td> <td>Seminarski rad i usmena odbrana seminarskog rada</td> <td>50</td> <td>Max 50%</td> </tr> <tr> <td>3.</td> <td>Završni (usmeni) ispit</td> <td>30</td> <td>Max 30%</td> </tr> <tr> <td colspan="3" style="text-align: right;">Ukupno: 100 bodova</td> <td>100%</td> </tr> </tbody> </table> <p>Min: 55 bodova, max: 100 bodova.</p>	R. br.	Elementi praćenja	Broj bodova	Učešće u ocjeni (%)	1.	Prisustvo na nastavi i učešće u diskusijama i aktivnosti na predavanjima i seminarima	20	Max 20%	2.	Seminarski rad i usmena odbrana seminarskog rada	50	Max 50%	3.	Završni (usmeni) ispit	30	Max 30%	Ukupno: 100 bodova			100%
R. br.	Elementi praćenja	Broj bodova	Učešće u ocjeni (%)																		
1.	Prisustvo na nastavi i učešće u diskusijama i aktivnosti na predavanjima i seminarima	20	Max 20%																		
2.	Seminarski rad i usmena odbrana seminarskog rada	50	Max 50%																		
3.	Završni (usmeni) ispit	30	Max 30%																		
Ukupno: 100 bodova			100%																		
Literatura²:	Obavezna:																				

¹ Strukturu bodova i bodovni kriterij za svaki nastavni predmet utvrđuje vijeće organizacione jedinice prije početka studijske godine u kojoj se izvodi nastava iz nastavnog predmeta u skladu sa članom 64. st. 6 Zakona o visokom obrazovanju Kantona Sarajevo.

² Senat visokoškolske ustanove kao ustanove odnosno vijeće organizacione jedinice visokoškolske ustanove kao javne ustanove, utvrđuje obavezne i preporučene udžbenike i priručnike, kao i drugu preporučenu literaturu na osnovu koje se priprema i polaže ispit posebnom odlukom koju obavezno objavljuje na svojoj internet stranici prije početka studijske godine u skladu sa članom 56. st. 3. Zakona o visokom obrazovanju Kantona Sarajevo.

	<p>1. Freire, P. Pedagogija obespravljenih. Zagreb: Odras, 2002.</p> <p>2. Jandrić, P. i Boras, D. Kritičko e-obrazovanje: borba za moć i značenje u umreženom društvu. Zagreb: TVZ, FF Press, 2012.</p> <p>3. Pickard, J. Research methods in information. London : Facet, 2013</p> <p>4. Temiz Dž. Metodologija društvenih nauka. 2. dopunjeno i prošireno izd. Lukavac : Grafit, 2009.</p> <p>Dopunska:</p> <p>1. Kuhlthau, C. et al. Vođeno istraživačko učenje. Zagreb: Školska knjiga, 2019.</p> <p>2. Jandrić, P. Znanje u digitalnom dobu. Razgovori sa djecom jedne male revolucije. Prev. Dinko Telečan. Zagreb: Jesenski i Turk, 2019.</p> <p>3. Mackey, T. i Jacobson, T. Metaliteracy: Reinventing Information Literacy to Empower Learners. Chicago: ALA Neal-Schuman, 2014.</p> <p>4. Stiegler, B. The Age of Disruption: Technology and Madness in Computational Capitalism. London, UK: Polity Press, 2019.</p> <p>5. Vajzović, E. i Hibert, M. Odrastanje učenja: društvo, kultura, religija u digitalnom dobu. Sarajevo: Fakultet političkih nauka, 2021.</p> <p>6. Gudmundsdottir, G. B. i Vasbo, K. B. Methodological Challenges When Exploring Digital Learning Spaces in Education. SensePublishers, 2014.</p> <p>7. Krippendorff, K. Content Analysis: An Introduction to Its Methodology. (second edi., 412). Thousand Oaks : London : New Delhi: Sage Publication, 2004</p> <p>8. Temiz, Dž. Problemi meta metodologije. Sarajevo : Univerzitet, Fakultet političkih nauka, 2016</p>

Šifra predmeta: DOS INF 602	Naziv predmeta: Teorija i praksa baštinskih ustanova u digitalnom okruženju		
Ciklus: III	Godina: I	Semestar: I	Broj ECTS kredita: 7
Status: Obavezan		Ukupan broj sati: 2 P + 2 S	
Odgovorni	Nastavnici i saradnici izabrani na oblast kojoj predmet pripada [prof.		

nastavnik	dr. Lejla Kodrić Zaimović]
Preduslov za upis:	Nema.
Cilj (ciljevi) predmeta:	Studente/ice upoznati s aktuelnim naučnoistraživačkim trendovima u području teorije i prakse baštinskih i informacijskih ustanova.
Tematske jedinice:	<p>Baštinsko-informacijske ustanove: poslanje, misija; konvergencija i divergencija; savremeni koncepti.</p> <p>Teorija baštine; baštinske studije kao akademska disciplina; izazovi izgradnje baštinskih profesija.</p> <p>Baština i baštinsko zakonodavstvo.</p> <p>UNESCO-ovi i ostali strateški dokumenti od značaja za kulturu.</p> <p>Baštinska zakonska legislativa u BiH i okruženju.</p> <p>Baština i identitet.</p> <p>Baštinsko-informacijske ustanove u savremenom tehnološkom okruženju: digitalizacija kulturne baštine, digitalna kultura, digitalne informacijske usluge.</p> <p>Kulturni portali i kulturni turizam.</p> <p>Upravljanje baštinsko-informacijskim ustanovama.</p> <p>Domaća i međunarodna organizacija baštinsko-informacijske struke (organizacije, skupovi, glasila).</p>
Ishodi učenja:	<p>Znanje: Preispitati aktuelne trendove u području teorije i prakse baštinsko-informacijskih ustanova. Valorizirati aktuelne prakse konvergiranja baštinskih i informacijskih ustanova, pripadajućeg zakonodavstva i modela poslovanja.</p> <p>Vještine: Kritički prosuđivati posebnosti savremenog djelovanja raznolikih baštinskih i informacijskih ustanova (ovisno o preferencijama polaznika studija) u savremenom informacijsko-komunikacijskom okruženju. Procijeniti aktuelne teorije baštine, baštinsko zakonodavstvo, ali i savremenu ulogu i praksu baštinsko-informacijskih ustanova u kontekstu digitalnog informacijsko-komunikacijskog okruženja. Preispitati značaj i manifestacije novih modela upravljanja baštinsko-informacijskim ustanovama.</p> <p>Kompetencije: Povezati znanja o konvergiranom funkcioniranju baštinskih i informacijskih ustanova u digitalnom okruženju. Integrirati razumijevanja teorije i prakse raznolikih manifestacija baštinskih i informacijskih ustanova u dinamičnim uvjetima njihova funkcioniranja u izmijenjenom okruženju.</p>
Metode	Predavanja, seminari i konsultacije. Predavanja frontalno, uz

izvođenja nastave:	korištenje audiovizuelnih i multimedijalnih sredstava te prezentacija; u sklopu seminara studenti se detaljnije upoznaju s relevantnim tekstovima vezanim za teme obrađene na predavanjima kroz diskusije i/ili prezentacije koje ih obavezuju na detaljnije i aktivnije bavljenje određenom temom i/ili tekstom, grupni i individualni rad.																				
Metode provjere znanja sa strukturom ocjene:	<p>Kontinuirano tokom semestra kao i na završnom ispitu prema sljedećim elementima praćenja:</p> <table border="1" data-bbox="435 667 1353 1155"> <thead> <tr> <th>R. br.</th> <th>Elementi praćenja</th> <th>Broj bodova</th> <th>Učešće u ocjeni (%)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Učešće u diskusijama i aktivnosti na predavanjima i seminarima</td> <td>25</td> <td>Max 25%</td> </tr> <tr> <td>2.</td> <td>Seminarski rad</td> <td>50</td> <td>Max 50%</td> </tr> <tr> <td>3.</td> <td>Završni (usmeni) ispit – usmena odbrana seminarskog rada</td> <td>25</td> <td>Max 25%</td> </tr> <tr> <td colspan="3" style="text-align: right;">Ukupno: <u>100</u> bodova</td> <td>100%</td> </tr> </tbody> </table> <p>Min: 55 bodova, max: 100 bodova.</p>	R. br.	Elementi praćenja	Broj bodova	Učešće u ocjeni (%)	1.	Učešće u diskusijama i aktivnosti na predavanjima i seminarima	25	Max 25%	2.	Seminarski rad	50	Max 50%	3.	Završni (usmeni) ispit – usmena odbrana seminarskog rada	25	Max 25%	Ukupno: <u>100</u> bodova			100%
R. br.	Elementi praćenja	Broj bodova	Učešće u ocjeni (%)																		
1.	Učešće u diskusijama i aktivnosti na predavanjima i seminarima	25	Max 25%																		
2.	Seminarski rad	50	Max 50%																		
3.	Završni (usmeni) ispit – usmena odbrana seminarskog rada	25	Max 25%																		
Ukupno: <u>100</u> bodova			100%																		
Literatura:	<p>Obavezna:</p> <ol style="list-style-type: none"> 1. Association of Critical Heritage Studies, 2012 Manifesto. (2012). University of Worcester. 2. Berk, Piter. (2010). <i>Osnovi kulturne istorije</i>. Beograd: Clio. 3. Brigs, Asa, Piter Berk. (2006). <i>Društvena istorija medija: od Gutenberga do Interneta</i>. Beograd: Clio. 4. Centre for Heritage Resource Studies. (2021). University of Maryland. 5. <i>Digital Information and Heritage</i> (2007) / uredili Hrvoje Stančić i Sanja Seljan. Zagreb: Filozofski fakultet, Odsjek za informacijske znanosti. 6. Dragičević-Šešić, Milena, Branimir Stojković. (2011). <i>Kultura: menadžment, animacija, marketing</i>. Beograd: Clio. 7. Evans, G. Edwards; Ward, Patricia Layzell; Rugaas, Bendik. (2000). <i>Management basics for information professionals</i>. New York; London: Neal-Schuman Publisher. 8. Gir, Č. (2011). <i>Digitalna kultura</i>. Beograd, Clio. 9. Howard, P. (2003). <i>Heritage: Management, Interpretation, Identity</i>. 																				

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 11. Kodrić Zaimović, L. (2021). *Baštinske studije: Od moderne do postdigitalne kulture*. Sarajevo: Nacionalna i univerzitetska biblioteka Bosne i Hercegovine.
 12. Kodrić Zaimović, L. (2021). *Biblioteka i grad: Studije iz teorije i prakse urbanog bibliotekarstva*. Sarajevo: Nacionalna i univerzitetska biblioteka Bosne i Hercegovine.
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 - Lemić, V. (2016). *Arhivi i arhivistika za suvremenog korisnika*. Zagreb: Naklada Ljevak.
 15. *Razvoj publike: priručnik za edukaciju arhivista i baštinskih stručnjaka*. (2021). Zagreb: ICARUS.
 16. Simon, N. (2010). *The Participatory Museum*. www.participatorymuseum.org.
 17. Šola, T. (2014). *Javno pamćenje: čuvanje različitosti i mogući projekti*. Zagreb: Zavod za informacijske studije. *The International Journal of Heritage Studies*. Taylor & Francis Online. tandfonline.com.
 18. *Theorizing digital cultural heritage (2007)* // Eds. Fiona Cameron and Sarah Kenderdine. Cambridge: MIT Press.
 19. Tredinnick, L. (2008). *Digital Information Culture: The Individual and Society in the Digital Age*. Oxford: Chandos Publishing.
 20. Tomas, Dejvid K., Ker Inkson. (2011). *Kulturna inteligencija*. Beograd: Clio.
 21. Trozbi, Dejvid. (2012). *Ekonomika kulturne politike*. Beograd: Clio.
 22. *Vodič kroz muzejske studije (2014)* / pripremila Šeron Makdonald. Beograd: Clio: Narodni muzej.

Dopunska:

1. *Digitalno doba: masovni mediji i digitalna kultura*. (2011) / uredila Nada Zgrabljic Rotar. Zadar: Sveučilište u Zadru.
2. Faletar-Tanacković, S. (2005). *Mogućnosti suradnje baštinskih*

	<p><i>ustanova – odabrani europski projekti. // Izazovi pisane baštine: zbornik radova u povodu 75. obljetnice života Aleksandra Stipčevića / urednica Tatjana Aparac-Jelušić. Osijek: Filozofski fakultet. Str. 193-205.</i></p> <p>3. <i>Menadžment biblioteka: rukovođenje zaposlenima.</i> Beograd: Clio: Narodna biblioteka Srbije.</p> <p>4. Rayward, W. Boyd. <i>Libraries, Museums, and Archives in the Digital Future: the Blurring of Institutional Boundaries.</i></p> <p>5. Šola, T. (2003). <i>Eseji o muzejima i njihovoj teoriji: prema kibernetičkom muzeju.</i> Zagreb, Hrvatski nacionalni komitet ICOM.</p> <p>6. Šola, T. (2001). <i>Marketing u muzejima ili O vrlini i kako je obznaniti.</i> Zagreb, Hrvatsko muzejsko društvo.</p> <p>7. Šola, T. (2011). <i>Prema totalnom muzeju.</i> Beograd: Centar za muzeologiju i heritologiju.</p>
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Šifra predmeta:	Naziv predmeta: Organizacija znanja u e-okruženju		
DOS INF 603			
Ciklus: III	Godina: I	Semestar: I	Broj ECTS kredita: 7
Status: Obavezan		Ukupan broj sati: 2 P + 2 S	
Odgovorni nastavnik/ci	Nastavnici i saradnici izabrani na oblast kojoj predmet pripada [Dr. Senada Dizdar, redovni professor / dr. Dušanka Bošković, vanredni profesor]		
Preduslov za upis:	Nema,		
Cilj (ciljevi) predmeta:	Povezivanje standarda i konceptualnih modela namjenjenih za razmjenu bibliografskih metapodataka u mrežnom okruženju s ciljem poboljšanja dostupnosti dokumenata. Posebna pažnja bit će posvećena semantičkoj interoperabilnosti u upravljanju i organiziranju informacija, te standardima za razmjenu, korištenje i gradnju, deskriptorskih metapodataka i metapodataka u e-obrazovanju i digitalnoj humanistici.		

Tematske jedinice:	<p>Historija i struktura weba i razvoj semantičkog weba kao baze podataka. Utjecaj tehnologija semantičkog weba na konceptualizaciju modela, standarda i pravila za opis i pristup znanju (baštinskoj građi).</p> <p>Sematički web i digitalna humanistika (interoperabilnost, metapodaci, ontologije, bibliografska organizacija u digitalnim bibliotekama, primjeri sistema za organizaciju znanja).</p> <p>Korisničko označavanje u web 2.0 prostoru (formalni modeli folksnomije, projekti saradničkog označavanja).</p> <p>Modeli organizacije znanja u domenima e-obrazovanja i korporacijskih sistema uz pregled sistema za upravljanje sadržajima (CMS - Content Management Systems).</p> <p>Upoznavanje sa konceptom upotrebljivosti i značaj evaluacije upotrebljivosti za sisteme upravljanja znanjem.</p>			
Ishodi učenja:	<p>Znanje: Povezivati teorijske principe i konceptualne modele sa stvarnim i savremenim problemima u organizaciji i upravljanju informacijama i znanjem. Analizirati i preispitati semantičku interoperabilnosti u razmjeni i integraciji informacija u mrežnom okruženju.</p> <p>Vještine: Provjeriti ispravnost odabranih sistema za organizaciju znanja (indeksnog jezika) i pravila za indeksiranje na odabranom korpusu. Izraditi ontologiju u odgovarajućem programu.</p> <p>Kompetencije: Pratiti promjene u razvoju tehnologija semantičkog weba. Kritički prosuditi i preporučiti relevantne nadolazeće tehnologije i inovacije u svrhu poboljšanja semantičke interoperabilnosti sistema.</p>			
Metode izvođenja nastave:	<p>Oblici: frontalni, grupni i individualni rad.</p> <p>Metode: Predavanje, razgovor, diskusija, pismeni radovi, usmeno izlaganje.</p> <p>Upotreba prezentacija u izvođenju nastave (PPT) i nastavnog materijala pohranjenog na sistemu učenja na daljinu <i>Biser</i> dostupan na http://biser.ff.unsa.ba/</p>			
Metode provjere znanja sa strukturom ocjene³:	R.br.	Elementi praćenja	Broj bodova	Učešće u ocjeni (%)
	1.	Pohađanje nastave	10	Max 10%
	2.	Pismeni ispiti	30	Max 30%

³ Strukturu bodova i bodovni kriterij za svaki nastavni predmet utvrđuje vijeće organizacione jedinice prije početka studijske godine u kojoj se izvodi nastava iz nastavnog predmeta u skladu sa članom 64. st. 6 Zakona o visokom obrazovanju Kantona Sarajevo.

	3.	Seminarski rad i usmeno izlaganje	40	Max 40%
	4.	Usmeni ispit	20	Max 20%
	Ukupno: 100 bodova			100%
	<p>Obrazloženje:</p> <ol style="list-style-type: none"> 1. Student dobija po 1 bod za prisutvo na predavanjima. Pripreme za ispitne aktivnosti i sami ispiti ne ulaze u ovo bodovanje – max: 10, min: 6 bodova 2. Pismeni ispit sastoji se od testa znanja koji ima nekoliko paralelnih formi. Svaka forma testa razlikuje se po itemima, ali je bodovana na isti način – max: 30, min: 17 bodova 3. Seminarski rad se ocjenjuje na sljedeći način (max: 40, min: 22 boda): <ol style="list-style-type: none"> a. Dosljedno korištenje literature i odgovor na temu - 15 bodova b. Struktura rada i jasnoća u pismenom izražavanju – 10 bodova c. Poticajnost i originalnost – 5 bodova d. Javni nastup, prezentiranje sadržaja – 10 bodova 4. Usmeni dio ispita se ocjenjuje na sljedeći način (max: 20, min: 10 bodova): <ol style="list-style-type: none"> a. Reprodukcijska i dosljedno interpretiranje odgovora – 5 bodova b. Povezivanje teorijskih koncepata i bibliotečke prakse – 5 bodova c. Razumijevanje filozofije informacijske pismenosti – 5 bodova d. Sposobnost vrednovanja i samovrednovanja – 5 bodova <p>Min: 55 bodova, max: 100 bodova</p>			
Literatura⁴:	<p>Obavezna:</p> <ol style="list-style-type: none"> 1. <i>The Discipline of Organizing. // Edited by Robert J. Glushoko: Mit Press, Cambridge, Massachusetts. London England, 2013.</i> 2. Handžić, Meliha. <i>Maksimizacija intelektualnog kapitala putem upravljanja znanjem // Strateško upravljanje intelektualnim kapitalom i znanjem. Radakcija (Jamila Jaganjac (et al...)) Vitez, Sveučilište,</i> 			

⁴ Senat visokoškolske ustanove kao ustanove odnosno vijeće organizacione jedinice visokoškolske ustanove kao javne ustanove, utvrđuje obavezne i preporučene udžbenike i priručnike, kao i drugu preporučenu literaturu na osnovu koje se priprema i polaže ispit posebnom odlukom koju obavezno objavljuje na svojoj internet stranici prije početka studijske godine u skladu sa članom 56. st. 3. Zakona o visokom obrazovanju Kantona Sarajevo.

Univerzitet Vitez, 2018. str. 255-291.

3. Ivanjko, Tomislav. *Pristup analizi i primjeni korisničkog označivanja u predmetnom opisu baštinske građe*. Zagreb: Filozofski fakultet, 2015.

Dostupno na:

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Dopunska:

1. Handžić, M. Dizdar, S. *Picturing the Past: A Case of Knowledge Management Application in Archaeology*. // Proceedings of the 12th International Forum on Knowledge Asset Dynamics – Knowledge Management in the 21st Century: Resilience, Creativity and Co-creation (IFKAD 2017), 7-9 June, St. Petersburg, Russia, 2017. pp. 1251-1261.

Dostupno na:

https://www.researchgate.net/publication/317548750_Picturing_the_Past_A_Case_of_Knowledge_Management_Application_in_Archaeology (13.10.2019.)

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<https://pdfs.semanticscholar.org/7a59/7172b8896763a36dd3e9b849751780c4681f.pdf> (13.10.2019.)

Šifra predmeta: DOS INF 604	Naziv predmeta: Bibliografska kontrola u digitalnom okruženju		
Ciklus: III	Godina: I	Semestar: I	Broj ECTS kredita: 7
Status: Obavezni	Ukupan broj sati: 2 P + 2 S		
Odgovorni nastavnik/ci	Nastavnici i saradnici izabrani na oblast kojoj predmet pripada [Prof. dr. Lejla Hajdarpašić]		
Preduslov za upis:	Nema.		
Cilj (ciljevi) predmeta:	Upoznati studente sa različitim oblicima nacionalne bibliografske kontrole u savremenom okruženju i složenim izazovima identifikacije, selekcije, prikupljanja, obrade, pohrane i omogućavanja pristupa dematerijaliziranim objektima nacionalne bibliografske kontrole.		
Tematske jedinice:	<p>Sastavnice programa nacionalne bibliografske kontrole u digitalnom okruženju.</p> <p>Elektronsko izdavaštvo.</p> <p>Izazovi identifikacije novih objekata bibliografske kontrole.</p> <p>Uspostave i načela obuhvata nacionalnih zakona o obaveznom primjerku elektronske građe.</p> <p>Sveobuhvatno i selektivno arhiviranje mrežnih publikacija.</p> <p>Problematika odabira i uključivanja građe u nacionalne bibliografije.</p> <p>Pristup zbirkama obaveznog primjerka.</p> <p>Budućnost nacionalne bibliografske kontrole u BiH.</p>		
Ishodi učenja:	<p>Znanje: Obrazložiti radne procese nacionalne bibliografske kontrole u savremenom okruženju.</p> <p>Vještine: Formulirati temeljna načela nacionalnih zakona o obaveznom primjerku elektronske građe.</p> <p>Kompetencije: Kritički prosuđivati savremene oblike nacionalne bibliografske kontrole.</p>		
Metode izvođenja	Predavanja i seminari.		

nastave:				
Metode provjere znanja sa strukturom ocjene ⁵ :	R.br.	Elementi praćenja	Broj bodova	Učešće u ocjeni (%)
	1.	Pohađanje nastave i aktivnost na nastavi	25	Max 25%
	2.	Seminarski rad	50	Max 50%
	3.	Završni usmeni ispit	25	Max 25%
	Ukupno: 100 bodova			100%
	Min: 55 bodova, max: 100 bodova.			
Literatura ⁶ :	<p>Obavezna:</p> <ol style="list-style-type: none"> Digital Legal Deposit in Selected Jurisdictions (2018). The Law Library of Congress, Global Legal Research Center. Dostupno na: https://www.loc.gov/law/help/digital-legal-deposit/digital-legal-deposit.pdf (4.10.2019.) Gorman, M. (2015). Our Enduring Values Revisited: Librarianship in an ever-changing world. Chicago: ALA. Information and documentation – Statistics and Quality Indicators for Web Archiving. ISO/DTR 14873: 2013. Larivière, J. (2000). Guidelines for legal deposit legislation. Paris: UNESCO. Standards for Electronic Publishing: An overview. A report for the NEDLIB Project by Mark Bide & Associates, 2000. Dostupno na: https://www.kb.nl/sites/default/files/docs/e-publishingstandards.pdf (3.10.2019.) The UNESCO/PERSIST Guidelines for the selection of digital heritage for long term preservation. By the UNESCO/PERSIST Content Task Force, March 2016. Dostupno na: https://unescopersist.files.wordpress.com/2017/02/persist-content- 			

⁵ Strukturu bodova i bodovni kriterij za svaki nastavni predmet utvrđuje vijeće organizacione jedinice prije početka studijske godine u kojoj se izvodi nastava iz nastavnog predmeta u skladu sa članom 64. st. 6 Zakona o visokom obrazovanju Kantona Sarajevo.

⁶ Senat visokoškolske ustanove kao ustanove odnosno vijeće organizacione jedinice visokoškolske ustanove kao javne ustanove, utvrđuje obavezne i preporučene udžbenike i priručnike, kao i drugu preporučenu literaturu na osnovu koje se priprema i polaže ispit posebnom odlukom koju obavezno objavljuje na svojoj internet stranici prije početka studijske godine u skladu sa članom 56. st. 3. Zakona o visokom obrazovanju Kantona Sarajevo

guidelines_en.pdf (4.10.2019.)

7. Žumer, M. ed. (2008). Guidelines for National Bibliographies in the Electronic Age. IFLA Working Group on Guidelines for National Bibliographies.

Dopunska:

1. IFLA statement on legal deposit. Endorsed by the Governing Board of IFLA, at its meeting in Den Haag, The Netherlands, 7th December 2011. Dostupno na: <https://www.ifla.org/publications/ifla-statement-on-legal-deposit-2011/> (3.10.2019.)

2. Lusenet, de Z. i Vincent Wintermans, ed. (2007). Preserving the digital heritage: Principles and policies. Netherlands National Commission for UNESCO, European Commission on Preservation and Access. Dostupno na: <http://www.knaw.nl/ecpa/publ/pdf/2735.pdf> (3.10.2019.)

3. Niu, J. (2012). An Overview of Web Archiving. D-Lib Magazine, 18, 3/4.

4. On the Record: Report of The Library of Congress Working Group on the Future of Bibliographic Control, 2008.

Dostupno na: <http://www.loc.gov/bibliographic-future/news/lcwg-ontherecord-jan08-final.pdf> (3.10.2019.)

5. Report of the "Comité des Sages". Reflection Group on Bringing Europe's Cultural Heritage Online, 2011. Dostupno na: http://ec.europa.eu/information_society/activities/digital_libraries/doc/refgroup/final_report_cds.pdf (3.10.2019.)

Šifra
predmet

Naziv predmeta:

a: DOS INF 605	Kvantitativne i kvalitativne metode u istraživanjima		
Ciklus: III	Godina: I	Semestar: II	Broj ECTS kredita: 6
Status: Izborni		Ukupan broj sati: 2 P + 1 S	
Odgovorni nastavnik/ci	Nastavnici i saradnici izabrani na oblast kojoj predmet pripada. [prof. dr. Emina Resić]		
Preduslov za upis:	Nema.		
Cilj (ciljevi) predmeta:	Predmet ima za cilj da studentima doktorskog studija pruži osnovna metodološka znanja i tehničke mogućnosti za dizajniranje i izvođenje kvalitativnih i kvantitativnih studija.		
Tematske jedinice:	Istraživački problemi, pristupi i strategije. Sekundarni podaci, ankete i dizajn upitnika. Kvalitativne metode: intervjui i studije slučaja. Pregled kvantitativnih (statističkih) metoda za istraživanja.		
Ishodi učenja:	Znanje: Uvesti doktorante u kvalitativne pristupe u prikupljanju i analizi podataka i pokazati kako se oni mogu povezati sa kvantitativnim metodama za analizu podataka. Vještine: Korištenje različitih vidova programske podrške za provođenje istraživanja. Kompetencije: Doktoranti će naučiti kako da realizuju i izveštavaju o kvalitativnim i kvantitativnim istraživanjima.		
Metode izvođenja nastave:	U učionici, uz programsku podršku.		
Metode provjere znanja sa strukturom ocjene⁷:			
	R.br.	Elementi praćenja	Broj bodova
	1.	Seminarski rad	50
			Učešće u ocjeni (%) Max 50%

⁷ Strukturu bodova i bodovni kriterij za svaki nastavni predmet utvrđuje vijeće organizacione jedinice prije početka studijske godine u kojoj se izvodi nastava iz nastavnog predmeta u skladu sa članom 64. st. 6 Zakona o visokom obrazovanju Kantona Sarajevo.

	2.	Analiza slučaja	50	Max 50%
			Ukupno: 100 bodova	100%
Min: 55 bodova, max: 100 bodova.				
Literatura⁸:	Obavezna: 1. Bajgorić, N., Somun-Kapetanović, R., Resić, E., Turulja, L. (2019), Uvod u metodologiju naučno-istraživačkog rada, u fazi pripreme. Dopunska: 1. Flick, Uwe (2006). An Introduction to Qualitative Research, 3rd ed, Sage, London et al. 2. Hair J.F., Black W.C., Babin B.J. and Anderson R.E. (HBBA): Multivariate Data Analysis.			

Šifra predmeta: DOS INF 606	Naziv predmeta: Multimedijalna prezentacija kulturne baštine		
Ciklus: III	Godina: I	Semestar: II	Broj ECTS kredita: 6
Status: Izborni		Ukupan broj sati: 2 P + 1 S	
Odgovorni nastavnik	Nastavnici i saradnici izabrani na oblast kojoj predmet pripada [prof. dr. Selma Rizvić].		
Preduslov za upis:	Nema.		
Cilj (ciljevi) predmeta:	Predmet će kroz studije slučaja i poznate projekte predstaviti osnovne koncepte, metode i tehnologije za predstavljanje kulturne baštine na Internetu. Bez mnogo tehničkih detalja studenti bi se upoznali sa principima i primjerima digitalnih biblioteka, virtuelnih rekonstrukcija		

⁸ Senat visokoškolske ustanove kao ustanove odnosno vijeće organizacione jedinice visokoškolske ustanove kao javne ustanove, utvrđuje obavezne i preporučene udžbenike i priručnike, kao i drugu preporučenu literaturu na osnovu koje se priprema i polaže ispit posebnom odlukom koju obavezno objavljuje na svojoj internet stranici prije početka studijske godine u skladu sa članom 56. st. 3. Zakona o visokom obrazovanju Kantona Sarajevo.

	kulturnih spomenika, virtuelnih muzeja i digitalnih sadržaja za nadogradnju izložbenih postavki u fizičkim muzejima. Posljednja tema se bavi i fenomenom "gamifikacije" virtuelnog kulturnog naslijeđa kroz primjere ozbiljnih igara.			
Tematske jedinice:	Uvod. 3D modeliranje objekata kulturnog naslijeđa. Interaktivni 3D modeli. Interaktivno digitalno pripovijedanje. Virtuelna realnost. Uvećana realnost. Miješana realnost. Virtuelna rekonstrukcija kulturne baštine. Virtuelni muzeji. Haptika.			
Ishodi učenja:	Znanje: Vrednovanje projekata digitalizacije i virtualne prezentacije kulturne baštine. Vještine: Osmišljavanje interaktivnog digitalnog pripovijedanja. Kompetencije: Kreiranje koncepata digitalnih prezentacija kulturnog naslijeđa.			
Metode izvođenja nastave:	Predavanja, seminarski radovi.			
Metode provjere znanja sa strukturom ocjene⁹:	Kontinuirano tokom semestra; seminarski rad se sastoji od komparativne analize i evaluacije po zadanim parametrima odabranih multimedijalnih prezentacija kulturne baštine; usmeni ispit.			
	R.br.	Elementi praćenja	Broj bodova	Učešće u ocjeni (%)
	1.	Seminarski rad	50	Max 50%
	2.	Usmeni ispit	50	Max 50%
	Ukupno: 100 bodova			100%

⁹ Strukturu bodova i bodovni kriterij za svaki nastavni predmet utvrđuje vijeće organizacione jedinice prije početka studijske godine u kojoj se izvodi nastava iz nastavnog predmeta u skladu sa članom 64. st. 6 Zakona o visokom obrazovanju Kantona Sarajevo.

	Min: 55 bodova, max: 100 bodova.
Literatura¹⁰:	<p>Obavezna:</p> <ol style="list-style-type: none"> 1. Rizvić, S. Digitalna prezentacija kulturnog naslijeđa Bosne i Hercegovine, TDP Sarajevo, 2018. 2. Kremers, H. Digital Cultural Heritage, Springer International Publishing, 2019 3. Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation, and Protection. 8th International Conference, EuroMed 2020, Virtual Event, November 2–5, 2020, Revised Selected Papers, Editors: Ioannides, M., Fink, E., Cantoni, L., Champion, E. (Eds.), Springer. <p>Dopunska:</p> <ol style="list-style-type: none"> 1. <i>Keys To Rome. Roman Culture, Virtual Museums</i>, S. Pescarin, CNR ITABC. 2. <i>Theorizing digital cultural heritage.</i> // Eds. Fiona Cameron and Sarah Kenderdine. Cambridge: MIT Press, 2007. 3. <i>Visual Computing for Cultural Heritage</i>, Editors: Fotis Liarokapis, Athanasios Voulodimos, Nikolaos Doulamis, Anastasios Doulamis, 2020 Springer Nature Switzerland. 4. <i>Digital Storytelling: A creator's guide to interactive entertainment</i>, C. Handler Miller, Routledge; 3rd edition (May 14, 2014).

Šifra predmeta: a: DOS INF 607	Naziv predmeta: Evropske kulturne politike i politike identiteta
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¹⁰ Senat visokoškolske ustanove kao ustanove odnosno vijeće organizacione jedinice visokoškolske ustanove kao javne ustanove, utvrđuje obavezne i preporučene udžbenike i priručnike, kao i drugu preporučenu literaturu na osnovu koje se priprema i polaže ispit posebnom odlukom koju obavezno objavljuje na svojoj internet stranici prije početka studijske godine u skladu sa članom 56. st. 3. Zakona o visokom obrazovanju Kantona Sarajevo.

Ciklus: III	Godina: I	Semestar: II	Broj ECTS kredita: 6
Status: Izborni		Ukupan broj sati: 2 P + 1 S	
Odgovorni nastavnik	Nastavnici i saradnici izabrani na oblast kojoj predmet pripada [prof. dr. Esad Delibašić].		
Preduslov za upis:	Nema.		
Cilj (ciljevi) predmeta:	<p>Studente/ice upoznati sa pojmom javne politike te ukazati na razliku između politike (<i>politics</i>) i javne politike (<i>public policy</i>). Definirati kulturnu politiku, prezentirati osnovne modele, instrumente i ciljeve kulturne politike. Ukazati na značaj međunarodne kulturne saradnje i ulogu međunarodnih organizacija kulture. Istaknuti ambivalentnosti transkulturne Evrope i kontekstualnog utemeljenja kulturne politike: od politika identiteta do uticaja imigrantskih procesa na aktuelne društvene i kulturne tokove. Elaborirati osnove transkulturne i transnacionalne kulturne politike.</p>		
Tematske jedinice: <i>(po potrebi plan izvođenja po sedmicama se utvrđuje uvažavajući specifičnosti organizacionih jedinica)</i>	<p>Pojam javne politike. Razlika između politike (<i>politics</i>) i javnih politika (<i>public policy</i>). Pojam kulturne politike. Istorijski korijeni kulturne politike. Instrumenti kulturne politike. Ciljevi i nosioci kulturne politike. Modeli evropske kulturne politike. Deideologizacija kulturne politike. Zajednička načela kulturnih politika. Kulturna politika i tržište. Ambivalentnosti transkulturne Evrope i kontekstualnog utemeljenja kulturne politike: od politika identiteta do uticaja imigrantskih procesa na društvene tokove. Utemeljenje transkulturne i transnacionalne kulturne politike. Uloga kulture u evrointegracijama. Bosanskohercegovačka kulturna politika. Multikulturalizam i interkulturalizam. Između javnog dobra i tržišta. Participativna kulturna politika.</p>		
Ishodi učenja:	<p>Znanje: Preispitati koncept i značaj kulturne politike. Vještine: Kritičko prosuđivanje evropskih principa i modela kulturnih politika te kulturne politike u BiH. Kompetencije: Kreiranje matrice za kulturnu politiku u BiH.</p>		
Metode izvođenja	Predavanja, prezentacije, debate/diskusije, grupni rad.		

nastave:				
Metode provjere znanja sa strukturom ocjene ¹¹ :	R.br.	Elementi praćenja	Broj bodova	Učešće u ocjeni (%)
	1.	Prezentacije	20	Max 20%
	2.	Pismeni ispit	30	Max 30%
	3.	Usmeni ispit	30	Max 30%
	4.	Debate/diskusije	20	Max 20%
	Ukupno: 100 bodova			100%
Min: 55 bodova, max: 100 bodova.				
Literatura ¹² :	Obavezna:			
	<p>1. Bell, David and Oakley, Kate. <i>Cultural Policy</i>. London & New York: Routledge, 2015.</p> <p>2. Toby Miller and George Yúdice. <i>Cultural Policy</i>. London: Sage, 2002.</p> <p>3. Majnhof, Ulrike Hana i Triandafilidu, Ana. <i>Transkulturalna Evropa</i>. Beograd: Clio, 2008.</p> <p>4. Dragojević, Sanjin: <i>Kulturna politika: europske pristupi i modeli (doktorska disertacija)</i>, Zagreb 2006.</p> <p>5. Cvjetičanin, Biserka. <i>Kultura u doba mreža . Oglеди o kulturnoj politici</i>. Zagreb: Hrvatska sveučilišna naklada. 2014.</p> <p>6. Đukić, Vesna. <i>Država i kultura-studije savremene kulturne politike</i>. Beograd: Institut za pozorište, film, radio i televiziju Fakultet dramskih umjetnosti. 2010.</p> <p>7. Katunarić, Vjeran. <i>Lica kulture</i>. Zagreb: Antibarbarus d.o.o. 2007.</p> <p>8. Trozbi, Dejvid. <i>Ekonomika kulturne politike</i>. Beograd: Clio. 2012.</p> <p>9. Višnić, Emina uz prilog Dragojević, Sanjina <i>Kulturne politike odozgo- Nezavisna kultura i nove suradničke prakse u Hrvatskoj</i>. Amsterdam/Bukurešt/Zagreb: ECUMEST Association-European Cultural Foundation- CLUBTURE Network. 2008.</p>			
Literatura ¹² :	Dopunska:			
	<p>1. Mundy, Symon. <i>Kulturna politika: kratki vodič</i>, Novi Sad: Vega Media.2002, str.14-15.</p> <p>2. Vraneš, Zorana. <i>Strateška dilema kulturnih politika: direktna kontrola ili odvajanje od političkog procesa</i>. Zavod za proučavanje kulturnog razvoja. 2011/130.</p> <p>3. Prnjat, Branko <i>Uvod u kulturnu politiku</i>. Novi Sad: Stylos, 2006.</p>			

¹¹ Strukturu bodova i bodovni kriterij za svaki nastavni predmet utvrđuje vijeće organizacione jedinice prije početka studijske godine u kojoj se izvodi nastava iz nastavnog predmeta u skladu sa članom 64. st. 6 Zakona o visokom obrazovanju Kantona Sarajevo.

¹² Senat visokoškolske ustanove kao ustanove odnosno vijeće organizacione jedinice visokoškolske ustanove kao javne ustanove, utvrđuje obavezne i preporučene udžbenike i priručnike, kao i drugu preporučenu literaturu na osnovu koje se priprema i polaže ispit posebnom odlukom koju obavezno objavljuje na svojoj internet stranici prije početka studijske godine u skladu sa članom 56. st. 3. Zakona o visokom obrazovanju Kantona Sarajevo.

Šifra predmeta: a: DOS INF 608	Naziv predmeta: Autorsko pravo i srodna prava		
Ciklus: III	Godina: I	Semestar: II	Broj ECTS kredita: 6
Status: Izborni	Ukupan broj sati: 2 P + 1 S		
Odgovorni nastavnik/ci	Nastavnici i saradnici izabrani na oblast kojoj predmet pripada. [prof. dr. Iza Razija Mešević]		
Preduslov za upis:	Nema.		
Cilj (ciljevi) predmeta:	Cilj predmeta je da studenti trećeg ciklusa upoznaju sa sistemom zaštite autorskog prava u BiH i EU, koji je od značaja za informacijske stručnjake (posebno bibliotekare, arhiviste i muzeologe), kao i principima obrade ličnih podataka prilikom korištenja i razmjene relevantne građe.		
Tematske jedinice:	<p>Autorsko pravo za informacijske stručnjake.</p> <p>Autorsko pravo u digitalnom okruženju.</p> <p>Elektronsko izdavaštvo.</p> <p>Open Access i javni domen.</p> <p>Autorsko-pravni aspekti baza podataka (repozitorija).</p> <p>Creative Commons licence.</p> <p>Pristup građi osoba s invaliditetom.</p> <p>Djela siročadi i djela "out of print".</p> <p>Domaći, međunarodni i EU standardi i pravni okvir za obavljanje bibliotečke, muzejske i arhivske djelatnosti iz ugla zaštite autorskog prava.</p> <p>Zaštita ličnih podataka u kontekstu historije čitanja i korištenja građe.</p>		
Ishodi učenja:	<p>Znanje: nakon uspješno savladanog predmeta studenti će raspolagati sa (činjeničnim i teorijskim) općim znanjem o osnovnim institutima i normama autorskog prava u BiH i EU, koje su od značaja za obavljanje djelatnosti informacijskog stručnjaka (posebno bibliotekara, arhiviste i muzeologa). Također, student će biti upoznat sa specifičnim pravilima autorskog prava, koje se primjenjuju u digitalnom okruženju, a u kontekstu obavljanja djelatnosti informacijskog stručnjaka. Konačno,</p>		

	<p>student će steći znanja o principima zaštite ličnih podataka u kontekstu obavljanja poslova informacijskog stručnjaka.</p> <p>Vještine: Student će biti osposobljen da samostalno iznađe eventualna rješenja pravnih pitanja, koja bi se mogla pojaviti u praksi obavljanja bibliotečke, arhivske ili muzejske djelatnosti.</p> <p>Kompetencije: Student je osposobljen da uspoređuje norme autorskog prava i relevantna ograničenja autorskog prava u BiH i EU, te pravni okvir zaštite ličnih podataka u BiH i EU, te da stečena znanja i vještine prezentira u okviru obavljanja svoje djelatnosti informacijskog stručnjaka.</p>																				
Metode izvođenja nastave:	Predavanja, grupne diskusije, istraživački rad, individualni rad sa studentima na konsultacijama i mentorski rad.																				
Metode provjere znanja sa strukturom ocjene¹³:	<table border="1"> <thead> <tr> <th>R.br.</th> <th>Elementi praćenja</th> <th>Broj bodova</th> <th>Učešće u ocjeni (%)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Istraživački rad</td> <td>20</td> <td>Max 20%</td> </tr> <tr> <td>2.</td> <td>Grupne diskusije</td> <td>10</td> <td>Max 10%</td> </tr> <tr> <td>3.</td> <td>Završna provjera znanja/završni ispit</td> <td>70</td> <td>Max 70%</td> </tr> <tr> <td colspan="3">Ukupno: 100 bodova</td> <td>100%</td> </tr> </tbody> </table>	R.br.	Elementi praćenja	Broj bodova	Učešće u ocjeni (%)	1.	Istraživački rad	20	Max 20%	2.	Grupne diskusije	10	Max 10%	3.	Završna provjera znanja/završni ispit	70	Max 70%	Ukupno: 100 bodova			100%
	R.br.	Elementi praćenja	Broj bodova	Učešće u ocjeni (%)																	
	1.	Istraživački rad	20	Max 20%																	
	2.	Grupne diskusije	10	Max 10%																	
	3.	Završna provjera znanja/završni ispit	70	Max 70%																	
Ukupno: 100 bodova			100%																		
Min: 55 bodova, max: 100 bodova.																					
Istraživački rad: pismena analiza nekog aktuelnog slučaja/problema vezanog za oblast zaštite autorskog prava/zaštite ličnih podataka u kontekstu prakse obavljanja bibliotečke, arhivske ili muzejske djelatnosti, koji student treba da razmotri uz konsultaciju relevantne literature i pravnih izvora, te dođe do vlastitih zaključaka i observacija u pogledu istog.																					
Grupne diskusije: teži se ka interaktivnom izvođenju nastave, tako što se studentima u okviru predavanja daje prostor za diskusiju, postavljaju konkretni slučajevi i problem/izazovi u domenu obavljanja djelatnosti informacijskog stručnjaka, o kojima studenti imaju priliku da razgovaraju sa predmetnim nastavnikom na časovima nastave.																					
Završna provjera znanja/završni ispit: pismeni ispit, koji se izvodi u junsko – julskom i popravnom septembarskom ispitnom terminu i koji																					

¹³ Strukturu bodova i bodovni kriterij za svaki nastavni predmet utvrđuje vijeće organizacione jedinice prije početka studijske godine u kojoj se izvodi nastava iz nastavnog predmeta u skladu sa članom 64. st. 6 Zakona o visokom obrazovanju Kantona Sarajevo.

	podrazumijeva provjeru cjelokupno usvojenog znanja i vještina. Konačan uspjeh studenta izračunava se sabiranjem bodova postignutih u svim segmentima ocjenjivanja.
Literatura ¹⁴	<p>Obavezna:</p> <ol style="list-style-type: none"> 1. Mešević, Iza Razija, „Autorskopравни i praktični aspekti digitalizacije kulturne baštine“, Pravni aspekti digitalizacije kulturne baštine, Zbornik radova, SANU, Institut za uporedno pravo, Beograd, 2018. 2. Horvat, Aleksandra, "Digitalizacija i knjižnice", Vjesnik bibliotekara, vol. 55, br. 22, 2012. 3. Crews, Kenneth D., Copyright Exceptions and Statutory Diversity: The WIPO Study of Exceptions for Libraries and Archives (June 30, 2009). Proceedings of the Annual Congress of the International Association for the Advancement of Teaching and Research in Intellectual Property (ATRIP), 2008 . Available at SSRN: https://ssrn.com/abstract=1589108 4. Klinefelter, Anne, Library Standards for Privacy: A Model for the Digital World?. North Carolina Journal of Law & Technology, Vol. 11, No. 3, Special 2010; UNC Legal Studies Research Paper No. 1621837. Available at SSRN: https://ssrn.com/abstract=1621837 5. Zakon o autorskom i srodnim pravima u BiH ("Službeni glasnik BiH", 63/2010). 6. Zakon o zaštiti ličnih podataka ("Službeni glasnik BiH", 49/06, 76/11 i 89/11). 7. Zakon o bibliotečkoj djelatnosti FBiH ("Službeni list R BiH", 37/95). 8. Zakon o bibliotečko-informacionoj djelatnosti RS ("Službeni glasnik RS", 44/16). 9. Direktiva 2012/28/EU Evropskog parlamenta i Vijeća od 25. oktobra 2012. o određenim dozvoljenim korištenjima djela siročadi. 10. Marakeški ugovor o olakšanju pristupa objavljenim djelima za osobe koje su slijepe, koje imaju oštećenje vida ili imaju drugih poteškoća u korištenju štampanim materijalima iz 2013. godine. 11. Budapest Open Access Initiative (BOAI/2001). 12. Berlin Declaration on Open Access to Knowledge in the Science and Humanities (2003). 13. Pantonovi principi (2010). 14. Horizon 2020 (Open Access Madate)/Evropska komisija. 15. Recommendation on Access to and Preservation of Scientific Information (2012)/Evropska komisija. <p>Dopunska:</p> <ol style="list-style-type: none"> 1. Pravni aspekti digitalizacije kulturne baštine, Zbornik radova, SANU, Institut za uporedno pravo, Beograd, 2018.

¹⁴ Senat visokoškolske ustanove kao ustanove odnosno vijeće organizacione jedinice visokoškolske ustanove kao javne ustanove, utvrđuje obavezne i preporučene udžbenike i priručnike, kao i drugu preporučenu literaturu na osnovu koje se priprema i polaže ispit posebnom odlukom koju obavezno objavljuje na svojoj internet stranici prije početka studijske godine u skladu sa članom 56. st. 3. Zakona o visokom obrazovanju Kantona Sarajevo.

2. Bidin-Brezovečki, Iva, "Fotografija – autorska prava I muzeji", *Informatica museologica*, vol. 31, br. 3-4, 2000.
3. Burnham, Scott J., Copyright in Library-Held Materials: A Decision Tree for Librarians (2004). *Law Library Journal*, Vol. 96, No. 3, p. 425, 2004. Available at SSRN: <https://ssrn.com/abstract=1926983>
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PRILOG br. 1:

Akadske reference nastavnika angažiranih u realizaciji Doktorskog studija iz informacijskih nauka (abecedni slijed prezimena)

Prof. dr. Dušanka Bošković (Beograd, 1963.) vanredni je profesor na Univerzitetu u Sarajevu – Elektrotehnički fakultet, gdje je diplomirala, magistrirala i doktorirala. Njeno područje istraživanja, kao i predmeti na kojima predaje, su vezani za primjenu softverskog inženjeringa u biomedicini i kogniciji. Uz nastavu i istraživanje angažovana je na različitim aktivnostima usmjerenim ka unapređenju obrazovanja inženjera u Bosni i Hercegovini. Angažovana je u različitim oblicima saradnje multidisciplinarnih timova, tako da je jedan od osnivača Društva za biomedicinski inženjering u Bosni i Hercegovini, i aktivan član Sarajevo Graphics Group. U Sarajevo Graphics Group radi na evaluaciji korisničkih iskustava i razvoju metrika i instrumenata evaluacije za aplikacije iz domena digitalizacije kulturnog nasljeđa, materijalnog i nematerijalnog, sa posebnim fokusom na edukativnu dimenziju.

Prof. dr. Esad Delibašić (Beograd, 1964.) diplomirao je na Filozofskom fakultetu u Sarajevu na Odsjeku za filozofiju i sociologiju, a na Filozofskom fakultetu u Zagrebu na Odsjeku za informacijske znanosti - Katedra za muzeologiju. Doktorirao je sociologiju na Fakultetu političkih nauka Univerziteta u Sarajevu. Radio je kao profesor filozofije i sociologije u Gimnaziji »Muhsin Rizvić« u Kaknju, a u Ministarstvu za obrazovanje, nauku, kulturu i sport Zeničko-dobojskog kantona kao pomoćnik ministra za kulturu od 2002 do 2013. godine. Od 2013. godine je zaposlen kao nastavnik na Filozofskom fakultetu u Zenici na Odsjeku za kulturalne studije. Objavio je sljedeće knjige: *Bosna i ideja otvorenog društva* (2004), Zenica: Erudit; *Muzej u informatičkom okruženju* (2006) – koautor - zajedno sa Edinom Hadžikadunićem, Zenica: Muzej grada Zenice; *Monografija: Bosna i Hercegovina* (2006) – jedan od autora tekstova, Sarajevo: Tugra; *Između etnosa i demosa* (2008), Zenica: IK Vrijeme; *Uvod u socijalni dijalog u oblasti školstva u Bosni i Hercegovini* - Marčić Siniša/Delibašić Esad/Vejnović Duško/Praskić Asim (2012), Banja Luka: Sindikat srednjeg i visokog obrazovanja, odgoja, nauke i kulture BiH; *Osnovi kulturne politike* (2012), Zenica: IK Vrijeme; *Kultura zatvorenog društva* (2017), Kakanj: JU Gradska biblioteka Kakanj. Učestvovao je u radu naučno-stručnih skupova, seminara i savjetovanja: Okrugli sto u okviru Međunarodne kulturne manifestacije Zeničko proljeće-“Kulturna baština – zaboravljeni identiteti”, Muzej grada Zenice, 2015. godine; Peti međunarodni naučno-stručni skup o edukaciji „Kulturni identitet u digitalno doba“, Filozofski fakultet Univerziteta u Zenici, 2014. godine; Okrugli

sto "Muzeologija danas", Zavičajni muzej Visoko, 2013. godine; Okrugli sto – Šta je kulturna politika u Bosni i Hercegovini? Bosansko narodno pozorište Zenica, 2012. godine; Lica kulture/između stvaralačkog i rušilačkog, Međunarodna kulturna manifestacija Zeničko proljeće- Muzej grada Zenice, 2013. godine; 4. međunarodna konferencija BAM 2010 – Evropske smjernice za saradnju biblioteka, arhiva i muzeja, Asocijacija informacijskih stručnjaka – bibliotekara, arhivista i muzeologa, Sarajevo-Zenica, 12.i13. novembar 2010. godine; 2. međunarodna konferencija BAM 2008 – Evropske smjernice za saradnju biblioteka, arhiva i muzeja, Asocijacija informacijskih stručnjaka – bibliotekara, arhivista i muzeologa, Sarajevo-Zenica, 28.i29. novembra 2008. godine. Učestvovao u realizaciji projekata: Kulturni front - organiziranje otvorenih tribina i predavanja iz oblasti kulture, (2013); jedan od voditelj projekta; Mapiranje kulturne baštine - Katedra za opću kulturologiju Filozofskog fakulteta Univerziteta u Zenici, projekat sufinansiran od strane Federalnog ministarstva za obrazovanje i znanost (2013); jedan od voditelja projekta izrade *Strategije kulturne politike Zeničko-dobojskog kantona 2014-2019*; Značaj kulturne produkcije Slovenaca u BiH i pripadnika naroda BiH u Sloveniji – zajednički naučno-istraživački projekat u okviru naučne i tehnološke saradnje između BiH i R Slovenije u 2014. i 2015. godini.

Prof. dr. Senada Dizdar (Sarajevo 1959.), redovni profesor, studirala je na Odsjeku za opštu književnost i bibliotekarstvo Filozofskog fakulteta u Sarajevu, gdje je diplomirala, magistrirala i doktorirala. Kao predavač na ovom fakultetu 2008. godine pokreće znanstveni postdiplomski studij iz bibliotekarstva. U saradnji s Odsjekom za informacijske znanosti Filozofskog fakulteta u Zagrebu 2009. implementira digitalni repozitorij BISER (Bibliotečki Sarajevski Elektronski Repozitorij), a 2010. pokreće e-izdavaštvo. Boravi na studijskim usavršavanjima u Austriji, Hrvatskoj i Turskoj. Područje njenog znanstvenog i stručnog interesa su organizacija znanja, upravljanje informacijama, metapodaci, digitalna humanistika i informacijska pismenost. Kao pozvani predavač gostuje na Odsjeku za informacijske i komunikacijske znanosti Filozofskog fakulteta u Zagrebu. Od 2013. do 2016. predavač je na Sveučilištu Josipa Jurja Strossmayera u Osijeku na Doktorskoj školi Društveno-humanističkih znanosti (doktorski studij Kulturologija na smjeru Informacija i komunikacija u kulturi). Stalni je predavač na Odsjeku Informacijskih znanosti Filozofskog fakulteta u Mostaru. Mentor na više znanstvenih magistarskih radova, master radova i na četiri doktorata u Bosni i Hercegovini i Republici Hrvatskoj. Urednik je e-izdavaštva Filozofskog fakulteta u Sarajevu i voditeljica e-obrazovanja (2014-2018.). Predsjednica je programskog odbora međunarodne konferencije BAM, 2012, 2013, 2014. i urednica zbornika radova tih konferencija. Član je međunarodne organizacije International Information and Media Literacy survey (IIMLS) group.@googlegroups.com. Voditeljica je Bibliotečko-informacionog sistema Univerziteta (2014-2018) u Sarajevu i urednica časopisa *Obrazovanje odraslih* (2017-2019.). Autorica je više od 50 znanstvenih i stručnih radova. Učesnik je niza međunarodnih konferencija i simpozija, voditelj i učesnik međunarodnih i

državnih projekta, priređivač knjiga Slovo Makovo i Slovo o Maku (2008.), te autor knjige Od podatka do metapodatka (2011.), proglašene na XXIV međunarodnom sajmu knjige i učila u Sarajevu najboljim udžbenikom 2012. godine u oblasti visokog obrazovanja. Koautor je priručnika Informacijska pismenost: smjernice za razvoj inovativnih mrežnih modula (2012, 2014), a sa Salihom Seyhanom i Hakanom Temiztürkom koautor je knjige Osmanlı Dönemi Bosna Basın Tarihi, objavljene 2016. u Turskoj. Autor knjige Bibliografija Sarajevskog cvjetnika: prilog povijesti knjige, 2017. Dobitnik nagrede Mustafa Ćeman za doprinos bibliotekarstvu i primjeni informacionih tehnologija u bibliotekarstvu, 2017.

Prof. dr. Lejla Hajdarpašić (Sarajevo, 1983.) diplomirala je i magistrirala na Odsjeku za komparativnu književnost i bibliotekarstvo Filozofskog fakulteta Univerziteta u Sarajevu, a kao najuspješnija studentica Filozofskog fakulteta bila je dobitnica posebnog priznanja *Zlatne značke Univerziteta u Sarajevu*. Godine 2009. upisala je Poslijediplomski doktorski studij informacijskih i komunikacijskih znanosti (smjer: Knjižničarstvo) na Filozofskom fakultetu Sveučilišta u Zagrebu, gdje je uspješno odbranila doktorsku radnju u martu 2014. godine stekavši time pravo na akademski stupanj Doktorica znanosti iz znanstvenog polja informacijskih i komunikacijskih znanosti. Sa referatima iz oblasti informacijskih nauka učestvovala je na međunarodnim i domaćim naučnim skupovima, objavila je niz naučnih i stručnih radova, prikaza, prijevoda, bibliografija i slično. Članica je Sekcije za fakultetske i specijalne biblioteke unutar Asocijacije informacijskih stručnjaka – bibliotekara, arhivista i muzeologa (BAM), članica je Programskog odbora ECIL-a (The European Conference on Information Literacy), članica je Uređivačkog odbora BAM-a. Jedan je od osnivača Društva bibliotekara Federacije Bosne i Hercegovine, a u periodu od 2014. do 2016. godine bila je predsjednica Skupštine Društva bibliotekara Federacije Bosne i Hercegovine. Od 2019. godine predsjednica je Odbora za bibliotečko-informacijski sistem Univerziteta u Sarajevu. Učestvovala je u realizaciji nekoliko nacionalnih i međunarodnih projekata. Kao članica Odsjeka za komparativnu književnost i bibliotekarstvo Filozofskog fakulteta Univerziteta u Sarajevu, jedna je od dobitnica kolektivne nagrade „Fondacije – Naklade Kemal Bakaršić“ za doprinos unapređenju bibliotekarstva u Bosni i Hercegovini, te i jedna od dobitnica kolektivne nagrade Srebrene plakete Asocijacije informacijskih stručnjaka – bibliotekara, arhivista i muzeologa za suorganizaciju BAM konferencija „Evropske smjernice za saradnju biblioteka, arhiva i muzeja“. Dobitnica je Plakete Asocijacije informacijskih stručnjaka – bibliotekara, arhivista i muzeologa za doprinos radu Asocijacije BAM i afirmaciji informacijskih stručnjaka. Na Odsjeku za komparativnu književnost i bibliotekarstvo birana je 2009. u zvanje asistentice, 2012. godine u zvanje više asistentice, a 2015. godine u zvanje docentice za oblast bibliotekarstvo. Područja njena interesovanja su Univerzalna bibliografska kontrola i informacijska pismenost.

Prof. dr. Mario Hibert (Sarajevo, 1975.), vanredni profesor, od 2006. godine predaje na Odsjeku za komparativnu književnost i bibliotekarstvu Filozofskog fakulteta u Sarajevu. Doktorirao je 2012. godine na Sveučilištu u Zagrebu, Filozofski fakultet, Odsjek za informacijske i komunikacijske znanosti, a magistrirao 2005. godine na Evropskom regionalnom programu iz ljudskih prava i demokratije Centra za interdisciplinarnu postdiplomske studije Univerziteta u Sarajevu/Univerzitet u Bolonji. Objavio je niz radova iz domena kritičkih informacijskih studija i bibliotekarstva, na bosanskom i engleskom jeziku. Suosnivač je Festivala dokumentarnog filma o ljudskim pravima „Pravo ljudski“, član Organizacionog odbora Međunarodnih susreta bibliotekara slavista, član Upravnog odbora Centra za društvena istraživanja Analitika, autor dokumentarnog filma „Čovjek XX vijeka“, te zbirke poezije „Judine igračke“. U rujnu 2018. objavio knjigu „Digitalni odrast i postdigitalna dobra: kritičko bibliotekarstvo, disruptivni mediji i taktičko obrazovanje“ u suradnji sa Multimedijalnim institutom i Institutom za političku ekologiju u Zagrebu. Kao predavač sudjeluje na programu Evropski regionalni master program Demokratija i ljudska prava u Jugoistočnoj Evropi (ERMA), te doktorskom programu Globalne studije Centra za interdisciplinarnu studije Univerziteta u Sarajevu.

Prof. dr. Lejla Kodrić Zaimović (Sarajevo, 1981.) doktorica je informacijskih i komunikacijskih nauka te redovna profesorica za oblast Bibliotekarstvo na Odsjeku za komparativnu književnost i informacijske nauke Univerziteta u Sarajevu – Filozofski fakultet. Doktorirala je na Odsjeku za informacijske i komunikacijske znanosti Filozofskog fakulteta Sveučilišta u Zagrebu 2010. godine, u zvanje docentice birana je iste, a u zvanje vanredne profesorice 2015. godine. Uži predmet njezinog naučnog i stručnog bavljenja područja su heritologije, teorije i prakse baštinsko-informacijskih ustanova, informacijske kulture, digitalizacije kulturne i naučne baštine te školskih i visokoškolskih biblioteka. Studijski boravak i naučno usavršavanje obavila je u Egiptu 2009. godine (Univerzitet u Kairu i Bibliotheca Alexandrina, Aleksandrija). U nekoliko navrata učestvovala je kao gostujuća predavačica na univerzitetima u zemlji i u inostranstvu, kako na dodiplomskim, tako i na diplomskim te doktorskim studijima (Fakultet humanističkih nauka Univerziteta „Džemal Bijedić“ u Mostaru, Departman za Filološke nauke Internacionalnog univerziteta u Novom Pazaru – Republika Srbija, Fakultet političkih nauka Univerziteta u Sarajevu, Centar za interdisciplinarnu studije Univerziteta u Sarajevu, Filozofski fakultet Univerziteta u Zenici). Autorica je naučnih monografija *Digitalne informacijske usluge u baštinskim ustanovama* (Biblioteka Sarajeva, 2010), u koautorstvu, *Kratke historije kulture Bošnjaka* (IUS; Simurg media, 2018) te knjiga *Biblioteka i grad: studije iz teorije i prakse urbanog bibliotekarstva* (Nacionalna i univerzitetska biblioteka Bosne i Hercegovine, 2021) i *Baštinske studije: od moderne do postdigitalne kulture* (Nacionalna i univerzitetska biblioteka Bosne i Hercegovine, 2021), kao i preko četrdeset naučnih i stručnih radova, prikaza, recenzija te niza pozvanih predavanja. Knjiga *Baštinske studije: od moderne do postdigitalne kulture* na 32. Sarajevskom međunarodnom sajmu knjige proglašena je najboljom

knjigom u kategoriji nauka. Kao članica programskog savjeta, organizacionog ili naučnog odbora učestvovala je i u organiziranju više uglednih domaćih i međunarodnih naučnih skupova, a bila je i urednica zbornikâ konferencijskih radova u izdanju Asocijacije informacijskih stručnjaka – bibliotekara, arhivista i muzeologa za 2009. i 2010. godinu te za 2018. godinu. Autorica je i voditeljica projekta *Znanstveni portal Bošnjačkog instituta – Fondacije Adila Zulfikarpašića* te koordinatorica *Ekspertnog tima za izradu Elaborata za Univerzitetsku biblioteku* ispred Univerziteta u Sarajevu. Predsjednica je Skupštine Društva bibliotekara Kantona Sarajevo (u osnivanju), članica Asocijacije informacijskih stručnjaka – bibliotekara, arhivista i muzeologa (BAM), članica ICOM-a Bosne i Hercegovine, te je bila članica Upravnog odbora JU „Biblioteka Sarajeva”, članica Upravnog odbora BZK „Preporod” kao i JU “Muzej Alija Izetbegović”. Dobitnica je Srebrene plakete Asocijacije informacijskih stručnjaka – bibliotekara, arhivista i muzeologa (BAM), a kao članica Katedre za bibliotekarstvo Odsjeka za komparativnu književnost i bibliotekarstvo Filozofskog fakulteta Univerziteta u Sarajevu jedna je od dobitnica kolektivne nagrade za doprinos unapređenju bibliotekarstva u Bosni i Hercegovini na obrazovnom, teorijskom i praktičnom planu „Fondacije – Naklade Kemal Bakaršić”.

Dr. iur. Iza Razija Mešević (Gradačac, 1978.) vanredni je profesor na Univerzitetu u Sarajevu – Pravni fakultet na naučnoj oblasti „Pravo intelektualnog vlasništva” (Osnovi prava intelektualnog vlasništva, Autorsko pravo i srodna prava, Pravo industrijskog vlasništva, EU pravo intelektualnog vlasništva i Umjetničko pravo). Na Pravnom fakultetu u Sarajevu je diplomirala 2001. godine, magistarski studij na Pravnom fakultetu u Sarajevu je okončala 2006. godine odbranom magistarske teze na temu „Komunitarni žig”. Pravosudni ispit je apsolvirala 2008. godine (Ministarstvo pravde FBiH/Ministarstvo pravde BiH). Doktorski studij je pohađala na Ludwigs-Maximilians Univerzitetu u Minhenu u sklopu kojeg je djelovala i kao gostujući naučnik i stipendista na Max-Planck-Institutu za inovacije i konkurenciju u Minhenu. Zvanje doktora nauka (Dr. iur.) stekla je sa ocjenom «summa cum laude» izradom i odbranom disertacije na temu „Das Recht und die Praxis der Verwertungsgesellschaften in Südosteuropa. Regionale Besonderheiten und EU- Einflüsse”. Pored angažmana kao ekspert za intelektualno vlasništvo na projektima Evropske komisije u BiH (Razvoj trgovinske politike i srodnih kapaciteta u BiH-2007 i 2011/2012; Razvoj kapaciteta u zaštiti prava intel. vlasništva u BiH-2009) i USAID-a (Zaštita intelektualnog vlasništva u Bosni i Hercegovini- 2011), učešću na „International Visitors Leadership Program” u oblasti prava intelektualnog vlasništva u SAD (2006), također djeluje i od 2007. godine do danas kao edukator pri Centru za edukaciju sudija i tužilaca FBiH. Autor je dvije monografije u oblasti prava intelektualnog vlasništva, i to: „Urheberrechtssysteme und kollektive Rechtswahrnehmung in Südosteuropa”, Schriftenreihe zum Urheber- und Kommunikationsrecht, Nomos, Stämpfli Verlag, C.H. Beck, 2015, Deutschland i „National Monographs/ Bosnia and Herzegovina”, International Encyclopedia of Laws

for Intellectual Property Law, IEL Intellectual Property, Kluwer Law International BV, The Netherlands, 2016. Također je objavila i niz naučnih i stručnih priloga u oblasti intelektualnog vlasništva, između ostalog: „Autorskopravni i praktični aspekti digitalizacije kulturne baštine“, Zbirka radova s naučne konferencije „Pravni aspekti digitalizacije kulturne baštine“, Beograd, 2017; „Zakon o nedopuštenom oglašavanju FBiH iz ugla zaštite prava intelektualnog vlasništva, Revija za pravo i ekonomiju, g. 18, br. 1, Mostar 2017.; „Technology Transfer in the Western Balkans – State of Play and Strategies“, Collection of Papers „The Current Issues of Intellectual Property Law and Competition Law: A View from the Balkans“, Law Faculty of University in Belgrade, 2016; „Unitarni patent: jedinstvo i nesigurnost“, Nova pravna revija, 2013; Reports on Bosnia and Herzegovina and Serbia u: Reto M. Hilty, Sylvie Nerisson (Eds.), Balancing Copyright-Survey of National approaches, MPI Studies on Intellectual Property and Competition Law, Springer, 2012; „Konkurencija ili monopol? Status organizacija za kolektivno ostvarivanje autorskog i srodnih prava“, Pravo i privreda, br. 4-6/2011, Beograd; „Mazedonien- Neues Urhebergesetz“, GRUR Int, br. 5/2011; „Aktuelle Informationene-Welle neuer Urheberregelungen in Südosteuropa“, GRUR Int, br. 1/2011; „Harmonizing European Copyright Law: The Challenges of Better Lawmaking-Book Review“, IIC, br. 7/2010; „Reforma sistema kolektivnog ostvarivanja autorskog prava i srodnih prava u Bosni i Hercegovini -Quo Vadis“, Godišnjak Pravnog fakulteta u Sarajevu, br. 51/2008; „BiH i evropsko pravo žiga“, Zbirka priloga sa Međunarodnog savjetovanja o aktuelnostima iz građanskog i trgovačkog prava, Neum, 2008; „Ekonomске funkcije žiga i njihova transformacija“, ZIPS, br. 7/2007; „Proširenje EU i njegovo dejstvo na sistem komunitarnog žiga“, Godišnjak Pravnog fakulteta u Sarajevu, br. 49/2006; Očuvanje koncepta autorskog prava u eri digitalnih tehnologija (osvrst na Direktivu Evropskog parlamenta i Savjeta o nekim aspektima autorskog prava i srodnih prava u informacijskom društvu), Godišnjak Pravnog fakulteta u Sarajevu, br. 47/2004; „Pravni i praktični problemi zaštite autorskih prava u BiH“, Novi pogledi, br. 2/2004; „Cybersquatting- novi oblik povrede prava žiga“, Godišnjak Pravnog fakulteta u Sarajevu, br. 46/2003.

Prof. dr. Emina Resić (Sarajevo, 1973.) redovni je profesor na Katedri za kvantitativnu ekonomiju Univerziteta u Sarajevu – Ekonomski fakultet. Doktorsku disertaciju pod naslovom „Statistički metodi i modeli za kontrolu kvaliteta i unapređenje proizvodnih procesa“ odbranila je 2008. godine na Ekonomskom fakultetu Univerziteta u Sarajevu. Nastavne aktivnosti je obavljala i na Saobraćajnom i Fakultetu političkih nauka Univerziteta u Sarajevu. Od 2009. godine je gostujući predavač na Ekonomskom fakultetu Sveučilišta u Zagrebu. Angažovana je i na Ekonomskom fakultetu Univerziteta Istočno Sarajevo i Ekonomskom fakultetu Univerziteta u Zenici. Napisala je kao autor ili koautor ukupno 9 knjiga. Objavila je veliki broj naučnih radova u relevantnim časopisima ili zbornicima indeksiranim u međunarodnim bazama podataka. U svojim naučno-istraživačkim radovima obrađuje niz relevantnih pitanja iz oblasti Kvantitativne

ekonomije. Tu su i učešća na međunarodnim i domaćim naučnim i stručnim skupovima, kao i prilozi u istraživačkim projektima u zemlji i u inostranstvu. Učestvovala je u organizaciji međunarodnih i domaćih kongresa i skupova. Bila je recenzent većeg broja radova za različite časopise. Bila je angažovana u međunarodnom projektu "Statistical Modelling for Response to Crisis and Economic Growth in Western Balkan Countries" (STRENGTHS), Hrvatska zaklada za znanost (HRZZ), 2014-2018.

Prof. dr. Selma Rizvić (Sarajevo, 1967.) redovni je profesor na Odsjeku za računarstvo i informatiku Univerziteta u Sarajevu – Elektrotehnički fakultet i osnivač istraživačke laboratorije Sarajevo Graphics Group. Bila je dugi niz godina zaposlena kao dizajner TV programa na Radioteleviziji Bosne i Hercegovine, gdje je obavljala poslove šefa Odsjeka za elektronski grafički dizajn. Rođena je u Sarajevu, gdje je završila osnovnu i srednju školu, te diplomirala, magistrirala i doktorirala na Elektrotehničkom fakultetu Sarajevo. Oblasti njenog naučnog istraživanja su kompjuterska grafika, kompjuterska animacija, virtuelna realnost, televizijski dizajn, digitalna prezentacija kulturnog naslijeđa i interaktivno digitalno pripovijedanje. Sarajevo Graphics Group je od 2011-2015. godine bila partner u EU FP7 mreži izvrsnosti "Virtual Museum Transnational Network V-MusT.net" koja je organizirala najveću evropsku multimedijalnu izložbu pod nazivom Ključevi Rima u Amsterdamu, Rimu, Aleksandriji i Sarajevu. Trenutno su partner u H2020 projektu iMARECulture koji ima za cilj prezentaciju podvodnog kulturnog naslijeđa pomoću digitalnih tehnologija. Istraživači iz ove grupe su od 2012-2016 bili uključeni i u MPNS COST Action TD1201 "Colour and Space in Cultural Heritage" (COSCH), gdje je Selma Rizvić bila član Menadžment komiteta i lider radne grupe. Trenutno su uključeni u CA COST Action CA16213 New Exploratory Phase in Research on East European Cultures of Dissent, 2017-2021, gdje je Selma Rizvić član Menadžment komiteta i upravnog odbora Projekta. Sa svojim kolegama i saradnicima iz Sarajevo Graphics Group kreirala je veliki broj digitalnih prezentacija bosanskohercegovačkog kulturnog naslijeđa. Jedan je od osnivača i predsjednica Upravnog odbora Udruženja za digitalizaciju kulturne baštine BiH DIGI.BA. U znak priznanja njenih naučnoistraživačkih rezultata Selma Rizvić je ove godine imenovana članom Steering komiteta EUROGRAPHICS Working Group on Graphics and Cultural Heritage. Učestvovala je u više ekspertnih konferencija iz ove oblasti na poziv Evropske komisije. Više informacija na <http://people.etf.unsa.ba/~srizvic/>.

University of Sarajevo – Faculty of Philosophy
Department of Comparative Literature and Information Sciences
Chair of Information Sciences
Academic year 2022/2023.

PROPOSAL OF THE DOCTORAL STUDIES PROGRAMME IN
INFORMATION SCIENCES
(Feasibility Study and Curriculum)

Sarajevo, 2022

Pertaining to the document enclosed and based on the needs assessment to offer a doctoral studies programme in information sciences as a continuation of the studies after the second cycle of study, the members of the Chair of Information Sciences at the Department of Comparative Literature and Information Sciences, University of Sarajevo – Faculty of Philosophy, following a detailed analysis of the Curriculum for the third cycle of study, hereby submit to the Council of the University of Sarajevo – Faculty of Philosophy, the following:

P R O P O S A L

of the Doctoral Studies Programme in Information Sciences (the third cycle of study) which has been aligned with the requirements and regulations for the third cycle studies programmes offered at the University of Sarajevo – Faculty of Philosophy.

Lejla Kodrić Zaimović, PhD, Full Professor,
Department of Comparative Literature and
Information Sciences
Chair of Information Sciences

1. The name and type of the proposed doctoral studies programme

Third cycle of studies programme in the framework of the Bologna process:
Doctoral Studies in Information Sciences.

Scientific field/area: **Social Sciences**

Scientific discipline: **Information Sciences**

1.1. General information about the doctoral studies programme

The duration of the proposed doctoral studies programme as **the third cycle of studies programme in the framework of the Bologna process** is **three years** within which the candidate obtains **180 ECTS** credits. The academic staff of the doctoral programme primarily includes professors of the University of Sarajevo – Faculty of Philosophy, as well as academic staff from other faculties of the University of Sarajevo and visiting professors from other academic institutions, should the need arise. In such a manner, it is possible to compensate for the limited number of academic staff specializing in information and related sciences in Bosnia and Herzegovina and to enrich the doctoral studies programme with experiences and knowledges from the related academic environments. In this way, it is also possible to meet the needs for interdisciplinary and intersectoral approaches, which are necessary in contemporary studies in information sciences.

1.2. Description of the scientific field

The proposed doctoral studies programme is in the field/area of information sciences. The doctoral studies programme is designed so as to encompass different **branches and subdisciplines within the field of information sciences**. In that manner, a wide range of current trends and subdisciplines within the information sciences is offered and the programme concurrently provides insight into the contemporary scientific practices and perception of information sciences as one of the most relevant fields of study in contemporary society. It is ensured that, along with **compulsory courses**, the prospective candidates can choose from a wide range of **elective courses** that enable them to specialize and profile their academic interests within individual branches of information sciences. Respective fields of research of the academic staff participating in the doctoral studies programme will provide the prospective candidates with a detailed insight into different disciplines within the information sciences.

1.3. Justifiability of starting the new doctoral studies programme

In the contemporary information and communications environment, the field of information sciences across different universities of the world is of increasing relevance not only when it comes to the field itself but also to the complex interdisciplinary relationships with other academic disciplines. The University of Sarajevo has had a continuing tradition of research in library sciences, as well as indirectly and in part, other related information studies disciplines that have only recently been adequately defined and re-positioned within a broader generic framework of information sciences. With this proposed study programme, a doctoral studies programme in information sciences will, for the first time, be implemented at the University of Sarajevo, which will rectify the decades-long oversight whose direct outcomes were inadequate naming and positioning of the study area and foremost an outflow of the prospective doctoral candidates who had to study abroad.

1.3.1. Justifiability of starting the new doctoral studies programme with regard to the public and private sector and the labour market

Information sciences research and practices are nowadays considered the groundwork for the conception and active engagement within the networked society and/or the knowledge society. The interdisciplinary nature of information sciences concerns with the interactions of information, human subjects and technologies (information-communication systems) and encompasses all the key components of the communication chain (creation, organization, research, dissemination, storage and protection), which is why it emerges as crucial and essential discipline within a whole range of professions in the public and private sector. Studies in information sciences at all the levels/cycles of education, especially at the level of doctoral studies, ensure an important framework within which experts in different disciplines and fields of knowledge management obtain the necessary education and qualifications (e.g., in information sciences disciplines and professions, information systems and document management, heritage institutions, publishing, etc.) for both the private and the public sector pertaining to the organization and management of information. The knowledge, competences and skills acquired are then being implemented in information sciences and heritage institutions, as well as in the bodies of the public administration and various industries and related organisations in accordance with current international and local strategies of information management.

1.3.2. Alignment with the requirements of vocational associations and prospective partners outside the higher education system and the local community

Vocational associations in the domain of library, or better suited, information sciences at present, have for a longer period of time been, pointing out the necessity of completion of the process related to obtaining academic titles in the field of information sciences at the highest level of formal education, i.e., that of doctoral studies. This would allow Bosnia and Herzegovina to participate in the academic trends of the region, Europe and the world, and thus would compensate for the void resulting from a non-existent information sciences doctoral studies programme in Bosnia and Herzegovina. As their priority goals considered, numerous vocational associations in information sciences have placed the need for an existing possibility to complete all the three cycles of formal education in the field of information sciences. This possibility facilitates not only for information sciences-oriented institutions but also the very society founded on networking and information management. Hence, a well-educated and competitive information sciences expert would contribute to the strengthening and well-being of not only the academic but also the local community and beyond.

1.4. Doctoral studies programme aims and competences profile

The aim of the doctoral studies programme is to provide the prospective candidates with knowledges and skills in information sciences at the highest academic level of formal education and to provide them with education in academic competences within the field of information sciences. Subsequently, the field of information sciences in Bosnia and Herzegovina will be studied at the highest level of formal education for the first time in its history (to compare, the doctoral studies curriculum before the 1992 war included library sciences only). This will provide the prospective candidates with a fresh opportunity to obtain the academic title in their home country, concurrently providing the information sciences vocational community in Bosnia and Herzegovina with an opportunity to work together with highly competent and educated individuals, which, considering the current circumstances in the field of information sciences is an imperative.

1.5. Academic degree and description of academic titles

Legal framework

Within the field of science and technology classification framework as defined in the Frascati Manual, doctoral studies in information sciences are organised as an integral part of the following classification:

Academic field/area 5: Social Sciences

Academic discipline 5.07: Information Sciences

(Pursuant to: Revised Field of Science and Technology Classification in the Frascati Manual – The Ministry of Civil Affairs of Bosnia and Herzegovina, 10-33-16-1293/12, 8. 12. 2006. and the Decision on core academic fields and affiliation of the Faculty of Philosophy Faculty Council, University of Sarajevo, 02-01/276, 20. 6. 2013.)

Upon successful completion of the Doctoral Studies Programme in Information Sciences and the defence of the doctoral dissertation, the candidate shall be awarded the following academic title:

PhD in Information Sciences

Owing to the fact that current legislative framework does not recognize any academic title for the third cycle of /doctoral studies in information sciences, it is recommended that this academic title be recognized through the established procedure by the Council of the University of Sarajevo – Faculty of Philosophy and the Senate of the University of Sarajevo. It is also proposed that the academic title awarded upon the completion of the third cycle of studies and successful doctoral dissertation defence should be: “PhD in Information Sciences”.

1.6. Alignment with the mission and strategic documents of the University of Sarajevo

The proposed implementation of the Doctoral Studies in Information Sciences is aligned with the mission, vision, and the strategic documents of the University of Sarajevo, as well as with the mission and vision of the University of Sarajevo – Faculty of Philosophy, following which the Studies in question aim to provide instruction, scientific and

research-oriented activities in order to educate skilled, creative and internationally competitive individuals in the field of information sciences thus enabling the candidates to professionally and effectively carry out the demanding tasks of the modern industry in both European and international political, social and cultural contexts. The educational process based on research, innovation and academic excellence will mould the prospective candidates as the direct facilitators of the development of Bosnia and Herzegovina and the scholarly and research-oriented work will stimulate the creation of new solutions and creative ideas which are the pillar of sustainable development of Bosnia and Herzegovina (see: <http://www.ff.unsa.ba/index.php/bs/pocetna-bs/misija-i-vizija-fakulteta>).

Apart from the aforementioned Frascati classification, the Doctoral Studies Programme in Information Sciences is also aligned with the current regulations and strategies of the University of Sarajevo:

- Rules and Regulations for the Proposal, Evaluation and Adoption of New Programmes and the Modification of Existing Programmes and Curricula at the University of Sarajevo, Available at: <https://unsa.ba/sites/default/files/dodatak/2021-03/Pravilnik%20postupak%20predlaganja%20studijskih%20programa.pdf>,
- Rulebook on Quality Assurance and Quality Management at the University of Sarajevo, Available at: <https://www.unsa.ba/sites/default/files/dodatak/2019-02/Pravilnik%20o%20sistemu%20osiguranja%20i%20upravljanja%20kvalitetom.pdf>,
- Rulebook for the Third Cycle Studies at the University of Sarajevo, UNSA, Available at: <https://www.unsa.ba/en/node/1794>,
- Development Strategy of the University of Sarajevo 2019–2023, Available at: https://unsa.ba/sites/default/files/dodatak/2019-05/Strategija%20razvoja%20UNSA_30042019_lektorisano.pdf,
- Decision on Standards and Norms for the Sector of Higher Education in the Sarajevo Canton, Available at: <https://www.unsa.ba/sites/default/files/dodatak/2019-06/STANDARDI%20I%20NORMATIVI-SLUZBENE%20NOVINE.pdf>,
- Rulebook on Obtaining and Use of Academic, Professional and Scientific Titles at Higher Education Institutions in the Sarajevo Canton (Official Gazette of the Sarajevo Canton, No. 26, 31. 5. 2012.), Available at: <http://ff.unsa.ba/files/trajno/propisi/ks/Pravilnik%20o%20sticanju%20i%20koristenju%20akademskih%20titula%20strucnih%20i%20naucnih%20zvanja%20na%20visokoskolskim%20ustanovama%20na%20podrucju%20KS.pdf>.

1.7. The proposed doctoral studies programme in comparison to accredited study programmes in Bosnia-Herzegovina and abroad

The proposed doctoral studies programme in information sciences, owing to its interdisciplinary nature and the variety of the courses offered, encompasses different branches within the discipline of information sciences, and, by means of a unique holistic approach, strives to ensure an insight into the most relevant researches and practices within this scientific discipline. The curriculum proposed is, above all, based on the needs assessment of the local academic community but is also in its scope and relevance comparable to accredited study programmes in the region and beyond, especially in comparison to European curricula in the field of information sciences.

1.8. Student mobility in the country and abroad and the study programme mobility

Pursuant to the guidelines of the EINFOSE project within the Erasmus + project (2016-2018) (see: <https://einfose.ffos.hr/>), the proposed doctoral studies programme strives to align the learning outcomes and to encourage student mobility, primarily focusing on social sciences and the humanities.

1.9. Employability analysis, learning outcomes and project activities with regard to the demands of the labour market

In the current circumstances requiring knowledges and skills in managing information in different types of organisations within the public and private sector and trends in general, the prospective candidates' employment opportunities are numerous and are, certainly, wider-ranging than ever before.

The acquired knowledge, competences and skills are employable within all organisations developing and implementing strategies of collecting, storing, organising and delivery/dissemination of information. Equally, there are employment opportunities pertaining to the complex information systems management, information policies management and generally management of project activities in an information society. Candidates are strongly recommended to take part in research activities.

2. Provider / implementer of the doctoral studies programme

Provider of the doctoral studies programme: University of Sarajevo – Faculty of Philosophy

Implementer of the doctoral studies programme: The Doctoral Studies Council in Information Sciences

The Doctoral Studies Council in Information Sciences manages the doctoral studies programme. It comprises the Head of the Doctoral Studies Council and the members of the Council who are faculty members implementing the teaching process, and the Council Secretary, also a member of the faculty (listed alphabetically): professor Dušanka Bošković, EngD, professor Esad Delibašić, PhD, professor Senada Dizdar, PhD, professor Lejla Hajdarpašić, PhD, professor Mario Hibert, PhD, professor Lejla Kodrić Zaimović, PhD, professor Iza Razija Mešević, Dr. iur., professor Emina Resić, EcD, and professor Selma Rizvić, EngD.

The Head of the Doctoral Studies Council and the Head of the Doctoral Studies Programme is professor Lejla Kodrić Zaimović, PhD.

Administrative Secretary of the Doctoral Studies Council is Mr. Haris Bajić.

Academic titles and affiliations of the faculty staff at the Doctoral Studies in Information Sciences are (also listed alphabetically):

Dušanka Bošković, EngD, Associate Professor, University of Sarajevo – Faculty of Electrical Engineering,

Esad Delibašić, PhD, Associate Professor, Faculty of Philosophy, University of Zenica

Senada Dizdar, PhD, Full Professor, University of Sarajevo – Faculty of Philosophy,

Lejla Hajdarpašić, PhD, Associate Professor, University of Sarajevo – Faculty of Philosophy

Mario Hibert, PhD, Associate Professor, University of Sarajevo – Faculty of Philosophy

Lejla Kodrić Zaimović, PhD, Full Professor, University of Sarajevo – Faculty of Philosophy

Iza Razija Mešević, Dr. iur., Associate Professor, University of Sarajevo – Faculty of Law

Emina Resić, EcD, Full Professor, University of Sarajevo – Faculty of Economics and Business

Selma Rizvić, EngD, Full Professor, University of Sarajevo – Faculty of Electrical Engineering,

Faculty of Philosophy Vice Deans—Administrative Members of the Doctoral Council and Vice Dean for Teaching, Education and Student Affairs and Vice Dean for Research, International Academic Co-operation and Publishing.

3. Enrolment requirements

Enrolment is done on the basis of a public competition call published by the Faculty of Philosophy and the University of Sarajevo on their websites and in at least one daily newspaper published in Bosnia and Herzegovina. The Doctoral Study Council decides on the number of candidates to be enrolled. The minimum number of prospective candidates is the one which meets the financial requirements for the implementation of the teaching process and the legal pre-requisites for the implementation of the teaching process. Therefore, and taking into consideration general, academic and other circumstances, the proposed doctoral studies in information sciences are expected to attract at least **five candidates**.

All the general **Pre-requisites** for the enrolment are regulated in Article 21-29 of Rulebook for the Third Cycle Studies at the University of Sarajevo, University of Sarajevo.

The following candidates are eligible to enrol the doctoral studies in information sciences: applicants holding an **MA degree obtained within the framework of the Bologna process** and provided that library sciences and/or information sciences were a major or one of the major areas of study within the second cycle of study; applicants holding an **MSc degree obtained prior to the implementation of the Bologna process (mr.)** and provided that library sciences and/or information sciences were a major or one of the major areas of study within the second cycle of study; candidates with another equivalent academic title and candidates with the **MA** or **MSc** title from an **affiliated field**, all with the grade point average of at least **8.00**.

The prospective candidates that had obtained their **MSc degree** prior to the implementation of the Bologna process and pursuant to Article 22 of the Rulebook for the Third Cycle Studies at the University of Sarajevo, University of Sarajevo, will have **60 ECTS** recognized. After the procedure has been completed and the 60 ECTS recognized, the prospective candidates' other obligations related to their studies are to be defined by a separate decision by the Doctoral Studies Council and/or in accordance with the Rulebook for the Third Cycle Studies at the University of Sarajevo, University of Sarajevo. The same rules and conditions apply regardless of citizenship.

4. Classroom capacity and equipment (Capacity of the provider / implementer of the doctoral studies programme)

With regard to classroom capacity and equipment, the doctoral studies programme has been designed so as to follow the Standards and Norms for the Sector of Higher Education in the Sarajevo Canton. The teaching process is conducted at the premises of the Faculty of Philosophy, University of Sarajevo, in classrooms equipped with LCD

projectors, computers and other necessary equipment. The prospective candidates are entitled to use the Faculty of Philosophy's Library, as well as other facilities the Faculty provides.

5. Language of the doctoral studies

Language/ languages of the Doctoral Studies in Information Sciences is Bosnian, Croatian, and Serbian, and if necessary, English language.

6. Structure and organisation of the doctoral studies programme

The educational process within the Doctoral Studies in Information Sciences lasts three study years (six semesters). Prospective candidates' individual workload within the process (exams, the doctoral dissertation proposal, writing/conduct and the defence included) is expressed in ECTS points: individually per compulsory and elective courses (that is **9 ECTS, 7 ECTS, or 12 ECTS per course**) and cumulatively, per semester (**30 ECTS per semester, 180 ECTS in total**).

The courses offered are classified as **compulsory** and **elective courses** which the candidates are required to attend in the first and the second semester of study with the load of 20 contact hours per week over the period of 16 (15+1) weeks of the teaching and research-oriented process per semester. In the third, fourth, fifth and sixth semester, the candidates are expected to narrow down the scope of their research interest or research discipline, submit their dissertation project proposal, successfully complete their dissertation and defend their **doctoral dissertation** supervised by their dissertation supervisor/co-mentor.

Pursuant to Article 19 of Rulebook for the Third Cycle Studies at the University of Sarajevo, the Doctoral Study Council assigns a study supervisor/advisor to each doctoral candidate upon enrolment who guides the candidate and supervises the candidate's progress until the appointment of a mentor. The study supervisor/advisor is also the candidate's potential doctoral dissertation supervisor.

The content of **compulsory courses** is based on a broader area and/or topics related to research methodology and these courses are mandatory to all the prospective candidates. They are held and attended during the **first semester**. The **elective courses** which the candidates can freely select from the list of electives, in terms of their content and methodology generally focus more on a specific subject matter, and are held and attended in the **second semester**. In this, second semester, the candidate is required to select **two elective courses** from the list offered. The candidates are expected to actively participate in the teaching process and research. The candidates

take their final exams in all the courses (both compulsory and elective) **after they have attended the classes and completed all the defined requirements**. In case of justifiable circumstances, the Doctoral Study Council and/or another body authorized may extend the period for taking the final exams in accordance with the Sarajevo Canton Law on Higher Education and other relevant rules and regulations.

The candidate finalizes the third cycle of study upon successful completion of the **doctoral dissertation defence**. The **doctoral dissertation project proposal** is to be submitted at the **beginning of the third semester**. The process of research and composition of the doctoral dissertation, and under the supervision of the dissertation supervisor/mentor is to be carried out by the candidate within the **fourth, fifth and sixth semesters**. In the **fourth semester**, the candidate is to **defend the doctoral dissertation project proposal**. In case of justifiable circumstances an extension for the doctoral dissertation project proposal and the time needed for the completion of the dissertation may be granted by the Study Council and/or another competent body in accordance with the Sarajevo Canton Law on Higher Education and other relevant rules and regulations.

The **full draft dissertation** is submitted **by the end of the sixth semester**. The doctoral dissertation defence is public and the doctoral candidate defends the dissertation before the Defence Committee which is, in accordance with the Law on higher education and other relevant rules and regulations, appointed by the Doctoral Study Council and/or another competent body.

The process of **presenting the full draft dissertation** and the **doctoral dissertation defence** requires several phases which are regulated in Articles 39 to 48 of the Rulebook for the Third Cycle Studies at the University of Sarajevo, University of Sarajevo. The doctoral candidate publicly presents the full draft dissertation and the research results. The defence of the doctoral dissertation is open to public and is to take place maximum 30 days after the Defence Committee is appointed by the University Senate at the proposal of the Faculty Council.

Prior to the doctoral dissertation defence, a candidate at the Doctoral Studies in Information Sciences is required to have at least one **scientific/research paper** on or related to the topic of their doctoral dissertation research published or have accepted for publication in recognized publication registered in relevant scientific database, as defined by competent bodies, and in order to obtain **10 ECTS points** in the fourth and **10 ECTS points in the fifth semester**.

6.1. Pre- requisites for enrolment in subsequent study years

In order to commence the process of researching, preparation, composition and defence of the doctoral dissertation the candidate is required to pass exams in six courses, i.e., four compulsory courses in the first semester and two elective courses in the second semester of study. During the second semester, the candidate must select two out of the four elective courses offered. The candidates should select the electives based on their academic and research interests, and in consideration of the topic of their doctoral dissertation, as advised.

6.2. Courses from other study programmes

The curriculum of the Doctoral Studies in Information Sciences is designed to be highly interdisciplinary and enables the candidates to gain a potential better insight through the selection of elective courses found in the Doctoral Studies in Information Sciences, adjusted to the aims of the Doctoral Studies in Information Sciences.

6.3. Keeping track of practical training

In the case of a need to deliver practical training for coursework, all the elements of the practical training will be documented in the information systems by means of which the practical training was supported or by the faculty staff, the study supervisor/advisors or dissertation supervisor/mentors.

7. Tuition fees and funding

The tuition fee for **six semesters of the doctoral studies programme is 12,000 BAM (twelve thousand BAM)** per candidate. Taking into consideration that the doctoral studies programme is financed from and guaranteed by tuition fees, the tuition fee is to be paid before each semester as follows: 2,000 BAM through semesters. Details of the budgeting is enclosed with this proposal.

8. Courses offered, course lecturers, number of contact hours and ECTS points 1st semester

No.	Status	Code	Title	Lecturer	Hours L + S	ECTS
1.	Compulsory	DOS INF 601	Selected Topics from the Metodology of Information Sciences	Prof. dr Senada Dizdar / prof. dr. Mario Hibert	2 + 2	9
2.	Compulsory	DOS INF 602	Theory and Practice of Heritage Institutions in the Digital Environment	Prof. dr Lejla Kodrić Zaimović	2 + 2	7

3.	Compulsory	DOS INF 603	Organisation of Knowledge in the Digital Environment	Prof. dr Senada Dizdar / Prof. dr. Dušanka Bošković	2 + 2	7
4.	Compulsory	DOS INF 604	Bibliographic Control in the Digital Environment	Prof. dr Lejla Hajdarpašić	2 + 2	7
TOTAL					8 + 8	30

2nd semester

No.	Status	Code	Title	Lecturer	Hours L + S + C	ECTS
1.	Elective	DOS INF 605	Quantitative and Qualitative Methods in Research	Prof. dr Emina Resić	2 + 1 + 0	12
2.	Elective	DOS INF 606	Multimedia Presentation of Cultural Heritage	Prof. dr Selma Rizvić	2 + 1 + 0	12
3.	Elective	DOS INF 607	European Cultural Policies and Identity Policies	Prof. dr Esad Delibašić	2 + 1 + 0	12
4.	Elective	DOS INF 608	Copyright and Related Rights	Prof. dr Iza Razija Mešević	2 + 1 + 0	12
5.	Working with the supervisor and defining the field of research and the topic of doctoral dissertation	DOS INF 609			0 + 0 + 4	6
TOTAL					4 + 2 + 4	30

Note: In the second semester, the candidate selects **two elective courses** from the electives list offered. At least one elective must be related to the specialized field of research and pertaining to the topic of the doctoral dissertation.

9. Tabular presentation of scientific and research activities in the third, fourth, fifth and sixth semesters

Year	Semester	Code	Scientific and research activities	Number of hours C	ECTS
Second	III	DOS INF 701	Working with the mentor on the topic of the doctoral dissertation	5	10
Second	III	DOS INF 702	Preparing the doctoral dissertation project	10	20
TOTAL				15	30

Year	Semester	Code	Scientific and research activities	Number of hours C	ECTS
Second	IV	DOS INF 703	Doctoral dissertation project defence	5	10
Second	IV	DOS INF 704	Doctoral dissertation / working with the mentor	5	10
Second	IV	DOS INF 705	Individual scientific and research-oriented activities	5	10
TOTAL				15	30

Year	Semester	Code	Scientific and research	Number of hours	ECTS
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			activities	C	
Third	V	DOS INF 801	Doctoral dissertation / working with the mentor	10	20
Third	V	DOS INF 802	Individual scientific and research-oriented activities	5	10
TOTAL				15	30

Year	Semester	Code	Scientific and research activities	Number of hours C	ECTS
Third	VI	DOS INF 803	Presentation and defence of the doctoral dissertation draft manuscript	5	10
Third	VI	DOS INF 804	Doctoral dissertation defence	10	20
TOTAL				15	30

10. Tabular presentation of teaching and scientific research workload during the study semesters

1 st semester	2 nd semester	3 rd semester	4 th semester	5 th semester	6 th semester
Compulsory courses (30 ECTS)	Elective courses (24 ECTS) Working with the supervisor/advisor on defining the field of research and the topic of the doctoral dissertation (6 ECTS)	Working with the supervisor/mentor on the topic of the doctoral dissertation (10 ECTS) Preparing the doctoral dissertation project (20 ECTS)	Doctoral dissertation project defence (10 ECTS) Doctoral dissertation/mentoring (10 ECTS) Individual scientific and research activities (10 ECTS)	Doctoral dissertation/mentoring (20 ECTS) Individual scientific and research activities (10 ECTS)	Presentation and defence of the doctoral dissertation draft manuscript (10 ECTS) Doctoral dissertation defence (20 ECTS)
30 ECTS	30 ECTS	30 ECTS	30 ECTS	30 ECTS	30 ECTS
Total: 180 ECTS					

11. Monitoring the quality and implementation of the study programme (ensuring quality and evaluation of the study programme)

Monitoring the quality and evaluating the Doctoral Studies in Information Sciences is carried out continuously during the course of the doctoral studies and based upon the following criteria:

- collecting candidates' opinions on the innovation, informativeness, and relevance of information delivered through the courses, as well as the quality of communication with the lecturers;
- documenting, analysing and evaluating opinions of the candidates' observations;
- surveying candidates upon the completion of each course;
- self-evaluation of lecturers;
- continuous assessment of the learning outcomes (the number of students taking the exams, exam passing rate and average grades per course/candidate);

- observations by lecturers regarding the possibilities and means of improvement of the study programme;
- reports of the lecturers, and doctoral dissertation supervisors/mentors in particular, submitted to the Doctoral Study Council, detailing the doctoral candidates' observations, suggestions and feedback.

12. Course Syllabi

SUBJECT CODE:			
DOS INF 601	Selected Topics from the Metodology of Information Sciences		
CYCLE: III	Year: I	Semester: I	Number of ECTS: 9
STATUS: obligatory		Total number of hours: 2 P + 2 S	
Professors:	Faculty members elected to the scientific field/area/discipline the course is aligned with [Mario Hibert, PhD, Associate Professor / Senada Dizdar, PhD, Full Professor]		
Precondition for enrollment	No.		
Goals:	To explain and interpret entanglement of information and communication technologies, education and society. A specific emphasis will be given to conceptual framework of critical theory (idealistic, emancipatory, political) although this syllabus is going to encompass topics regarding influence of positivist approach to research in information and communication sciences as well as topics in information science methodology. Sets of ideas and principles will be applicable to guide professional praxis and societal transformation.		
Topics:	<p>Contents: Introduction; Classical educational theories. Qualitative and quantitative researchs (logical positivism, intepretetativism); postmodern research (lingvistic turn, critical discourse analysis). Critical theory of education; Critical methodology of e-learning research. Attitudes towards educational technologies; Critical theory of technology. Education and globalization: critical theory of digital education, models of development of e-learning. Technologies for critical e-learning; scopes of digital learning theory. Guided inquiry design and metaliteracy.</p>		

	Social, ethical and legal aspects of scientific research. Open Science. Methods of scientific research. Specific method in information science research (bibliometric, content analysis, analysis of secondary data).																				
Learning outcomes:	Knowledge: Describe and articulate critical educational praxis. Explain under which conditions and contexts are applicable specific methods of scientific research regarding problem solving. Skills: Application of proper method in scientific research. Competencies: Critical competence in thinking relations among technology, education and society. Interpretation, contextualization and adjustment of digital learning in educational processes.																				
Methods of learning:	Forms: frontal; individual work. Methods: Lectures. Discussion. Seminar. Presentations on Moodle (Biser learning platform: http://biser.ff.unsa.ba/)																				
Methods of examination with the structure of final evaluation:¹	Continuous assessment during the semester and the final exam according to the following forms of assessment: <table border="1" data-bbox="427 1003 1348 1375"> <thead> <tr> <th>No.</th> <th>Elements evaluated</th> <th>Score</th> <th>(%)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Attendance, active participation in discussion</td> <td>20</td> <td>Max 20%</td> </tr> <tr> <td>2.</td> <td>A seminar paper</td> <td>50</td> <td>Max 50%</td> </tr> <tr> <td>3.</td> <td>Final (oral) exam</td> <td>30</td> <td>Max 30%</td> </tr> <tr> <td colspan="2"></td> <td>Total: 100</td> <td>100%</td> </tr> </tbody> </table> <p>Min: 55, max: 100.</p>	No.	Elements evaluated	Score	(%)	1.	Attendance, active participation in discussion	20	Max 20%	2.	A seminar paper	50	Max 50%	3.	Final (oral) exam	30	Max 30%			Total: 100	100%
No.	Elements evaluated	Score	(%)																		
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2.	A seminar paper	50	Max 50%																		
3.	Final (oral) exam	30	Max 30%																		
		Total: 100	100%																		
Literature²:	Mandatory: 1. Freire, P. Pedagogija obespravljenih. Zagreb: Odras, 2002. 2. Jandrić, P. i Boras, D. Kričko e-obrazovanje: borba za moć i značenje u umreženom društvu. Zagreb: TVZ, FF Press, 2012. 3. Pickard, J. Research methods in information. London : Facet, 2013 4. Temiz, Dž. Metodologija društvenih nauka. 2. dopunjeno i prošireno izd. Lukavac : Grafitt, 2009.																				

¹ The structure of the points to be assigned and grade structure for each course is decided by the Faculty Council before the beginning of the academic year in which the course is delivered and pursuant to Article 64, paragraph (6) of the Law on Higher Education of the Sarajevo Canton.

² The Senate of the higher education institution and the Faculty Council decide on the mandatory and recommended literature and textbooks, as well as other recommended literature needed for a successful preparation and completion of the exam in the decision published on its website at the beginning of each academic year and pursuant to Article 56, paragraph (3) of the Law on Higher Education of the Sarajevo Canton.

	<p>Recommended:</p> <ol style="list-style-type: none"> 1. Kuhlthau, C. et al. Vođeno istraživačko učenje. Zagreb: Školska knjiga, 2019. 2. Jandrić, P. Znanje u digitalnom dobu. Razgovori sa djecom jedne male revolucije. Prev. Dinko Telećan. Zagreb: Jesenski i Turk, 2019. 3. Mackey, T. i Jacobson, T. Metaliteracy: Reinventing Information Literacy to Empower Learners. Chicago: ALA Neal-Schuman, 2014. 4. Stiegler, B. The Age of Disruption: Technology and Madness in Computational Capitalism. London, UK: Polity Press, 2019. 5. Vajzović, E. i Hibert, M. Odrastanje učenja: društvo, kultura, religija u digitalnom dobu. Sarajevo: Fakultet političkih nauka, 2021. 6. Gudmundsdottir, G. B. i Vasbo, K. B. Methodological Challenges When Exploring Digital Learning Spaces in Education. SensePublishers, 2014. 7. Krippendorff, K. Content Analysis: An Introduction to Its Methodology. (second edi., 412). Thousand Oaks : London : New Delhi: Sage Publication, 2004. 8. Temiz Dž. Problemi meta metodologije. Sarajevo : Univerzitet, Fakultet političkih nauka, 2016.

Course code: DOS INF 602	Theory and Practice of Heritage Institutions in the Digital Environment		
Cycle: III	Year: I	Semester: I	ECTS: 7
Status: compulsory		Total number of hours: 2 L + 2 S	
Course lecturer:	Faculty members elected to the scientific field/area/discipline the course is aligned with [Lejla Kodrić Zaimović, PhD, Full Professor]		
Pre-requisites:	None.		
Course aims:	To introduce students with the current scientific and research trends in the field of theory and practice of heritage and heritage information institutions.		

<p>Course content:</p>	<p>Heritage-information institutions: vision, mission; convergence and divergence; contemporary concepts. Heritage theory; heritage studies as an academic discipline; challenges in building heritage professions. Heritage and heritage legislation. Culture relevant UNESCO and other strategic documents. Heritage legislation in Bosnia and Herzegovina and the region. Heritage and identity. Heritage information institutions in the contemporary digital environment: digitalization of cultural heritage, digital culture, digital information services. Culture portals and culture tourism. Managing heritage-information institutions. Local and international organisation of the heritage information profession (organisations, gatherings, newsletters and journals).</p>
<p>Learning outcomes:</p>	<p>Knowledge: Reconsider current trends in the field of the theory and practice of heritage-information institutions. Valorise actual practices of converging heritage and information institutions, as well as into the accompanying legislation and models of work. Skills: Critically evaluate the features/ particularities of the current practices of various heritage and heritage information institutions (depending on the candidates' preferences) in the contemporary information-communication environment. Assess current heritage theories, heritage legislation, but also the current role and practice of heritage-information institutions in the context of digital information-communication environment. Reconsider the importance and manifestations of the new models of managing heritage-information institutions. Competences: Connect knowledges about the convergent functioning of heritage and information sciences in the digital environment. Integrate understandings of theory and practice in terms of various manifestations of heritage and information institutions in the dynamic conditions of their functioning in a changed environment.</p>
<p>Teaching and</p>	<p>Lectures, seminars, consultations. Frontal (class-wide instructions) in lectures, using audio-visual and multimedia</p>

instruction methods:	tools and presentations; in the seminars, the students are provided with a more detailed insight into the relevant texts pertaining to the topics discussed in the lectures and through discussions and/or presentations that oblige students to work on a certain topic and/or text with great dedication; group instruction and individual/personalised instruction.																				
Forms of assessment and structure of the overall course grade:	<p>Continuous assessment during the semester and the final exam according to the following forms of assessment:</p> <table border="1" data-bbox="611 745 1294 1431"> <thead> <tr> <th>No.</th> <th>Elements of assessment</th> <th>Points</th> <th>Percentage in the grade (%)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Participation in discussions and activity during lectures and seminars/ Assiduity</td> <td>25</td> <td>Max 25%</td> </tr> <tr> <td>2.</td> <td>Seminar paper</td> <td>50</td> <td>Max 50%</td> </tr> <tr> <td>3.</td> <td>Final (oral) examination/oral defence of the seminar paper</td> <td>25</td> <td>Max 25%</td> </tr> <tr> <td colspan="3">Total: <u>100</u> points</td> <td>100%</td> </tr> </tbody> </table> <p>Min: 55 points, max: 100 points,</p>	No.	Elements of assessment	Points	Percentage in the grade (%)	1.	Participation in discussions and activity during lectures and seminars/ Assiduity	25	Max 25%	2.	Seminar paper	50	Max 50%	3.	Final (oral) examination/oral defence of the seminar paper	25	Max 25%	Total: <u>100</u> points			100%
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3.	Final (oral) examination/oral defence of the seminar paper	25	Max 25%																		
Total: <u>100</u> points			100%																		
Mandatory and recommended reading:	<p>Mandatory:</p> <ol style="list-style-type: none"> 1. <i>Association of Critical Heritage Studies, 2012 Manifesto.</i> (2012). University of Worcester. 2. Berk, Piter. (2010). <i>Osnovi kulturne istorije.</i> Beograd: Clio. 3. Brigs, Asa, Piter Berk. (2006). <i>Društvena istorija medija: od Gutenberga do Interneta.</i> Beograd: Clio. 4. <i>Centre for Heritage Resource Studies.</i> (2021). University of Maryland. 5. <i>Digital Information and Heritage</i> (2007) / uredili Hrvoje Stančić i Sanja Seljan. Zagreb: Filozofski fakultet, Odsjek 																				

za informacijske znanosti.

6. Dragičević-Šešić, Milena, Branimir Stojković. (2011). *Kultura: menadžment, animacija, marketing*. Beograd: Clio.
7. Evans, G. Edwards; Ward, Patricia Layzell; Rugaas, Bendik. (2000). *Management basics for information professionals*. New York; London: Neal-Schuman Publisher.
8. Gir, Č. (2011). *Digitalna kultura*. Beograd, Clio.
9. Howard, P. (2003). *Heritage: Management, Interpretation, Identity*. London; New York: Continuum.
10. Kodrić, L. (2010). *Digitalne informacijske usluge u baštinskim ustanovama*. Sarajevo: Biblioteka Sarajeva.
11. Kodrić Zaimović, L. (2021). *Baštinske studije: Od moderne do postdigitalne kulture*. Sarajevo: Nacionalna i univerzitetska biblioteka Bosne i Hercegovine.
12. Kodrić Zaimović, L. (2021). *Biblioteka i grad: Studije iz teorije i prakse urbanog bibliotekarstva*. Sarajevo: Nacionalna i univerzitetska biblioteka Bosne i Hercegovine.
13. Kolber, Fransoa. (2010). *Marketing u kulturi i umetnosti*. Beograd: Clio.
14. *Kreativne industrije* (2007) / priredio Džon Hartli. Beograd: Clio.
- Lemić, V. (2016). *Arhivi i arhivistika za suvremenog korisnika*. Zagreb: Naklada Ljevak.
15. *Razvoj publike: priručnik za edukaciju arhivista i baštinskih stručnjaka*. (2021). Zagreb: ICARUS.
16. Simon, N. (2010). *The Participatory Museum*. www.participatorymuseum.org.
17. Šola, T. (2014). *Javno pamćenje: čuvanje različitosti i mogući projekti*. Zagreb: Zavod za informacijske studije. *The International Journal of Heritage Studies*. Taylor & Francis Online. tandfonline.com.
18. *Theorizing digital cultural heritage* (2007) // Eds. Fiona Cameron and Sarah Kenderdine. Cambridge: MIT Press.
19. Tredinnick, L. (2008). *Digital Information Culture: The Individual and Society in the Digital Age*. Oxford: Chandos Publishing.
20. Tomas, Dejvid K., Ker Inkson. (2011). *Kulturna inteligencija*. Beograd: Clio.
21. Trozbi, Dejvid. (2012). *Ekonomika kulturne politike*.

	<p>Beograd: Clio.</p> <p>22. <i>Vodič kroz muzejske studije</i> (2014) / pripremila Šeron Makdonald. Beograd: Clio: Narodni muzej.</p> <p>Recommended:</p> <ol style="list-style-type: none"> 1. <i>Digitalno doba: masovni mediji i digitalna kultura</i>. (2011) / uredila Nada Zgrabljic Rotar. Zadar: Sveučilište u Zadru. 2. Faletar-Tanacković, S. (2005). <i>Mogućnosti suradnje baštinskih ustanova – odabrani europski projekti. II Izazovi pisane baštine: zbornik radova u povodu 75. obljetnice života Aleksandra Stipčevića</i> / urednica Tatjana Aparac-Jelušić. Osijek: Filozofski fakultet. Str. 193-205. 3. <i>Menadžment biblioteka: rukovođenje zaposlenima</i>. Beograd: Clio: Narodna biblioteka Srbije. 4. Rayward, W. Boyd. <i>Libraries, Museums, and Archives in the Digital Future: the Blurring of Institutional Boundaries</i>. 5. Šola, T. (2003). <i>Eseji o muzejima i njihovoj teoriji: prema kibernetičkom muzeju</i>. Zagreb, Hrvatski nacionalni komitet ICOM. 6. Šola, T. (2001). <i>Marketing u muzejima ili O vrlini i kako je obznaniti</i>. Zagreb, Hrvatsko muzejsko društvo. 7. Šola, T. (2011). <i>Prema totalnom muzeju</i>. Beograd: Centar za muzeologiju i heritologiju.
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Course code DOS INF 603	Organisation of Knowledge in the Digital Environment		
Cycle: III	Year: I	Semester: I	ECTS: 7
Status: Compulsory		Total number of hours: 2 L + 2 S	
Course lecturer:	Faculty members elected to the scientific field/area/discipline the course is aligned with [Senada Dizdar, PhD, Full Professor / Dušanka Bošković, PhD, Associate Professor]		
Pre-	None.		

requisites:	
Course aims:	To establish connections/links between the standards and conceptual models intended for the exchange of bibliographical metadata in the digital environment with the aim of improving documents' accessibility. Special focus to be paid to the semantic interoperability in information management and organisation, and to the standards for exchange, usage and set-up of descriptive metadata and metadata in e-learning and digital humanities.
Course content:	<p>History and structure of the web and the development of the semantic web as a database.</p> <p>The influence of the semantic web technologies to the conceptualisation of models, standards and rules for the description and access to knowledge (heritage content).</p> <p>Semantic web and digital humanities (interoperability, metadata, ontologies, bibliographic organisation in digital libraries, examples of knowledge organisation systems).</p> <p>Tagging in Web 2.0 environment (formal models of folksonomy, collective tagging).</p> <p>Knowledge organisation models in the domain of e-learning and corporation systems with an overview of content management systems (CMS).</p> <p>Introduction to the concept of usability and importance of usability evaluation in knowledge management systems.</p>
Learning outcomes:	<p>Knowledge: Establish a connection between theoretical principles and conceptual models with actual and contemporary problems in the organisation and management of information and knowledge.</p> <p>Analyse and reassess semantic interoperability in the exchange and integration of information in the digital environment.</p> <p>Skills: Check the accuracy of the systems chosen for knowledge organisation (indexing language) and regulations for indexing on a selected corpus. Develop ontology in the respective programme.</p> <p>Competences: Follow trends in the development of semantic web technologies. Critically assess and recommend relevant upcoming technologies and innovations with the aim of improving the semantic interoperability of the systems.</p>
Teaching and instruction methods:	lectures, discussion, written compositions, oral presentations frontal (class-wide), group and personalized instructions PPTX files and instruction materials stored in the Moodle platform BISER, available at: http://biser.ff.unsa.ba/

Forms of assessment and structure of the overall course grade³:	No.	Elements of assessment	Points	Percentage in the grade (%)
	1.	Attendance/Assiduity	10	Max 10%
	2.	Written examination	30	Max 30%
	3.	Seminar paper and oral presentation	40	Max 40%
	4.	Oral examination	20	Max 20%
Total: 100 points			100%	
<p>Note:</p> <ol style="list-style-type: none"> 1. The student is assigned 1 point for attending lectures. Study weeks and examination weeks not considered. — max points: 10, min points: 6. 2. The written examination is a knowledge-assessment test comprised of various types of questions. Each type of the test differs by the items but is scored in the same way—max: 30, min: 17 points. 3. The seminar paper is assessed by the following criteria (max: 40, min: 22 points): <ol style="list-style-type: none"> a. Consistent usage of references and treatment of the topic—15 points b. Structure of the paper and coherence in written expression—10 points c. Originality of the paper and ideas—5 points d. Public speaking and oral presentation of the content — 10 points 4. Oral exam response is graded in the following way (max. 20, min. 10 points): <ol style="list-style-type: none"> a. Reproduction and consistent interpretation—5 points b. Integrating theoretical concepts and librarianship practice—5 points c. Understanding the information literacy philosophy—5 points d. Ability to evaluate and self-evaluate—5 				

³ The structure of the points to be assigned and grade structure for each course is decided by the Faculty Council before the beginning of the academic year in which the course is delivered and pursuant to Article 64, paragraph (6) of the Law on Higher Education of the Sarajevo Canton.

	Min: 55 points, max: 100 points.
Mandatory and recommended reading⁴:	<p>Mandatory:</p> <ol style="list-style-type: none"> 1. <i>The Discipline of Organizing</i>. // Edited by Robert J. Glushoko: Mit Press, Cambridge, Massachusetts. London England, 2013. 2. Handžić, Meliha. <i>Maksimizacija intelektualnog kapitala putem upravljanja znanjem</i> // Strateško upravljanje intelektualnim kapitalom i znanjem. Radakcija (Jamila Jaganjac (et al...)) Vitez, Sveučilište, Univerzitet Vitez, 2018. str. 255-291. 3. Ivanjko, Tomislav. <i>Pristup analizi i primjeni korisničkog označivanja u predmetnom opisu baštinske građe</i>. Zagreb: Filozofski fakultet, 2015. Dostupno na: http://darhiv.ffzg.unizg.hr/id/eprint/8221/1/Ivanjko%2C%20Tomislav.pdf <p>Recommended:</p> <ol style="list-style-type: none"> 1. Handžić, M. Dizdar, S. <i>Picturing the Past: A Case of Knowledge Management Application in Archaeology</i>. // Proceedings of the 12th International Forum on Knowledge Asset Dynamics – Knowledge Management in the 21st Century: Resilience, Creativity and Co-creation (IFKAD 2017), 7-9 June, St. Petersburg, Russia, 2017. pp. 1251-1261. Dostupno na: https://www.researchgate.net/publication/317548750_Picturing_the_Past_A_Case_of_Knowledge_Management_Application_in_Archaeology (13.10.2019.) 2. Handžić, M., Dizdar, S. <i>Knowledge Management Meets Humanities: A Case Study of Diplomatic Correspondence Visualisation</i>. // 11th International Forum on Knowledge Asset Dynamics Dresden, Germany 15-17 June 201. IFKAD 2016, pp 1445-1457. Dostupno na: https://www.researchgate.net/project/Knowledge-Management-Meets-Humanities (13.10.2019.) 3. Lynch, C. (2001). <i>The New Context for bibliographic control in the new millennium</i>. Dostupno na: http://www.loc.gov/catdir/bibcontrol/lynch_paper.html. (13.10.2019.) 4. Sammour, G.N. et al, (2008) <i>Knowledge Management and</i>

⁴ The Senate of the higher education institution and the Faculty Council decide on the mandatory and recommended literature and textbooks, as well as other recommended literature needed for a successful preparation and completion of the exam in the decision published on its website at the beginning of each academic year and pursuant to Article 56, paragraph (3) of the Law on Higher Education of the Sarajevo Canton.

<p><i>eLearning in Professional Development</i>, The Open Knowledge Society. A Computer Science and Information Systems Manifesto, First World Summit on the Knowledge Society, WSKS 2008, Athens, Greece, September 24-26, 2008. Proceedings; 01/2008. Dostupno na: https://pdfs.semanticscholar.org/7a59/7172b8896763a36dd3e9b849751780c4681f.pdf (13.10.2019.)</p>

Course code: DOS INF 604	Bibliographic Control in the Digital Environment		
Cycle: III	Year: I	Semester: I	ECTS: 7
Status: compulsory		Total number of hours: 2L + 2 S	
Course lecturer:	Faculty members elected to the scientific field/area/discipline the course is aligned with [Lejla Hajdarpašić, PhD, Associate Professor]		
Pre-requisites:	None.		
Course aims:	Introduce students to various forms of national bibliographic control in a contemporary environment and to the complex challenges of identification, selection, collecting, storing and providing access to dematerialized objects of national bibliographic control.		
Course content:	<p>Components of the national bibliographic control programme in the digital environment.</p> <p>Electronic publishing.</p> <p>Challenges in identification of new objects of bibliographic control.</p> <p>Implementation and coverage of digital legal deposit legislation.</p> <p>Domain web archiving and selective web archiving.</p> <p>The problems of selection and inclusion of publications in national bibliographies.</p> <p>Access to legal deposit collections.</p> <p>Future of the national bibliographic control in Bosnia and Herzegovina.</p>		

Learning outcomes:	<p>Knowledge: Explain the processes of national bibliographic control in contemporary environment.</p> <p>Skills: Formulate the main principles in establishing digital legal deposit legislation.</p> <p>Competences: Critically evaluate contemporary forms of national bibliographic control.</p>																				
Teaching and instruction methods:	<p>Lectures and seminars.</p>																				
Forms of assessment and structure of the overall course grade ⁵:	<table border="1" data-bbox="434 837 1385 1245"> <thead> <tr> <th>No.</th> <th>Elements of assessment</th> <th>Points</th> <th>Percentage in the grade (%)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Attendance and in-class activity/Assiduity</td> <td>25</td> <td>Max 25%</td> </tr> <tr> <td>2.</td> <td>Seminar paper</td> <td>50</td> <td>Max 50%</td> </tr> <tr> <td>3.</td> <td>Final oral examination</td> <td>25</td> <td>Max 25%</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total: 100 points</td> <td>100%</td> </tr> </tbody> </table> <p>Min: 55 points, max: 100 points.</p>	No.	Elements of assessment	Points	Percentage in the grade (%)	1.	Attendance and in-class activity/Assiduity	25	Max 25%	2.	Seminar paper	50	Max 50%	3.	Final oral examination	25	Max 25%	Total: 100 points			100%
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1.	Attendance and in-class activity/Assiduity	25	Max 25%																		
2.	Seminar paper	50	Max 50%																		
3.	Final oral examination	25	Max 25%																		
Total: 100 points			100%																		
Mandatory and recommended reading ⁶:	<p>Mandatory:</p> <ol style="list-style-type: none"> 1. Digital Legal Deposit in Selected Jurisdictions (2018). The Law Library of Congress, Global Legal Research Center. Dostupno na: https://www.loc.gov/law/help/digital-legal-deposit/digital-legal-deposit.pdf (4.10.2019.) 2. Gorman, M. (2015). Our Enduring Values Revisited: Librarianship in an ever-changing world. Chicago: ALA. 3. Information and documentation – Statistics and Quality Indicators for Web Archiving. ISO/DTR 14873: 2013. 4. Larivière, J. (2000). Guidelines for legal deposit legislation. Paris: 																				

⁵ The structure of the points to be assigned and grade structure for each course is decided by the Faculty Council before the beginning of the academic year in which the course is delivered and pursuant to Article 64, paragraph (6) of the Higher Education of the Sarajevo Canton.

⁶ The Senate of the higher education institution and the Faculty Council decide on the mandatory and recommended literature and textbooks, as well as other recommended literature needed for a successful preparation and completion of the exam in the decision published on its website at the beginning of each academic year and pursuant to Article 56, paragraph (3) of the Law on Higher Education of the Sarajevo Canton.

	<p>UNESCO.</p> <p>5. Standards for Electronic Publishing: An overview. A report for the NEDLIB Project by Mark Bide & Associates, 2000. Dostupno na: https://www.kb.nl/sites/default/files/docs/e-publishingstandards.pdf (3.10.2019.)</p> <p>6. The UNESCO/PERSIST Guidelines for the selection of digital heritage for long term preservation. By the UNESCO/PERSIST Content Task Force, March 2016. Dostupno na: https://unescopersist.files.wordpress.com/2017/02/persist-content-guidelines_en.pdf (4.10.2019.)</p> <p>7. Žumer, M. ed. (2008). Guidelines for National Bibliographies in the Electronic Age. IFLA Working Group on Guidelines for National Bibliographies.</p> <p>Recommended:</p> <p>1. IFLA statement on legal deposit. Endorsed by the Governing Board of IFLA, at its meeting in Den Haag, The Netherlands, 7th December 2011. Dostupno na: https://www.ifla.org/publications/ifla-statement-on-legal-deposit-2011/ (3.10.2019.)</p> <p>2. Lusetnet, de Z. i Vincent Wintermans, ed. (2007). Preserving the digital heritage: Principles and policies. Netherlands National Commission for UNESCO, European Commission on Preservation and Access. Dostupno na: http://www.knaw.nl/ecpa/publ/pdf/2735.pdf (3.10.2019.)</p> <p>3. Niu, J. (2012). An Overview of Web Archiving. D-Lib Magazine, 18, 3/4.</p> <p>4. On the Record: Report of The Library of Congress Working Group on the Future of Bibliographic Control, 2008. Dostupno na: http://www.loc.gov/bibliographic-future/news/lcwg-ontherecord-jan08-final.pdf (3.10.2019.)</p> <p>5. Report of the "Comité des Sages". Reflection Group on Bringing Europe's Cultural Heritage Online, 2011. Dostupno na: http://ec.europa.eu/information_society/activities/digital_libraries/doc/refgroup/final_report_cds.pdf (3.10.2019.)</p>
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Course code: DOS	Quantitative and qualitative Methods in Research
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INF 605															
Cycle: III	Year: I	Semester: II	ECTS: 6												
Status: elective	Total number of hours: 2 L + 1 S														
Course lecturer:	Faculty members elected to the scientific field/area/discipline the course is aligned with [Emina Resić, PhD, Full Professor]														
Pre-requisites:	None.														
Course aims:	The course aims to provide the doctoral students with essential methodological knowledge and technical possibilities for designing and carrying out qualitative and quantitative studies.														
Course content:	Research problems, approaches and strategies. Secondary data, surveys and questionnaires design. Qualitative methods: interviews and case studies. Review of quantitative (statistical) research methods.														
Learning outcomes:	<p>Knowledge: Familiarise doctoral students with qualitative approaches in the data collection and analysis and demonstrate the manners in which they can be linked with quantitative methods for data analysis.</p> <p>Skills: Employing different forms of programmes' support for conducting research.</p> <p>Competences: Doctoral candidates will learn how to conduct and report about qualitative and quantitative research.</p>														
Teaching and instruction methods:	In-class, computer-assisted.														
Forms of assessment and structure of the overall course grade ⁷ :	<table border="1"> <thead> <tr> <th>No.</th> <th>Elements of assessment</th> <th>Points</th> <th>Percentage in the grade (%)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Seminar paper</td> <td>50</td> <td>Max 50%</td> </tr> <tr> <td>2.</td> <td>Case study</td> <td>50</td> <td>Max 50%</td> </tr> </tbody> </table>			No.	Elements of assessment	Points	Percentage in the grade (%)	1.	Seminar paper	50	Max 50%	2.	Case study	50	Max 50%
No.	Elements of assessment	Points	Percentage in the grade (%)												
1.	Seminar paper	50	Max 50%												
2.	Case study	50	Max 50%												

⁷ The structure of the points to be assigned and grade structure for each course is decided by the Faculty Council before the beginning of the academic year in which the course is delivered and pursuant to Article 64, paragraph (6) of the Higher Education of the Sarajevo Canton.

	Total: 100 points	100%
	Min: 55 points, max: 100 points.	
Mandatory and recommended reading ⁸ :	<p>Mandatory: 1. Bajgorić, N., Somun-Kapetanović, R., Resić, E., Turulja, L. (2019), Uvod u metodologiju naučno-istraživačkog rada, manuscript in preparation.</p> <p>Recommended: 1. Flick, Uwe (2006). An Introduction to Qualitative Research, 3rd ed, Sage, London et al. 2. Hair J.F., Black W.C., Babin B.J. and Anderson R.E. (HBBA): Multivariate Data Analysis.</p>	

Course code: DOS INF 606	Multimedia Presentation of Cultural Heritage		
Cycle: III	Year: I	Semester: II	ECTS: 6
Status: elective		Total number of hours: 2 L + 1 S	
Course lecturer:	Faculty members elected to the scientific field/area/discipline the course is aligned with [Selma Rizvić, PhD, Full Professor].		
Pre-requisites:	None.		
Course aims:	Through case studies and well-known/established projects, the course aims to present the key concepts, methods and technologies for presenting cultural heritage on the Internet. Without many technical details, the students will be familiarised to the principles and examples of digital libraries, virtual reconstructions of cultural monuments, virtual museums and digital content for the augmentation of displays in non-virtual museums. Finally, we would address the phenomenon of 'gamification' of the virtual cultural heritage using sophisticated games		

⁸ The Senate of the higher education institution and the Faculty Council decide on the mandatory and recommended literature and textbooks, as well as other recommended literature needed for a successful preparation and completion of the exam in the decision published on its website at the beginning of each academic year and pursuant to Article 56, paragraph (3) of the Law on Higher Education of the Sarajevo Canton.

	as an example.																
Course content:	<p>Introduction. 3D modelling of cultural heritage structures. Interactive 3D models. Interactive digital story-telling. Virtual reality. Augmented reality. Hybrid reality. Virtual reconstruction of cultural heritage. Virtual museums. Haptics.</p>																
Learning outcomes:	<p>Knowledge: Evaluation of digitization projects and virtual presentations of cultural heritage. Skills: Designing interactive digital storytelling. Competences: Creation of concepts of digital presentations of cultural heritage.</p>																
Teaching and instruction methods:	Lectures, seminar papers.																
Forms of assessment and structure of the overall course grade⁹:	<p>Continuous assessment during the semester; seminar paper comprising a comparative analysis and evaluation per set parameters of selected multimedia cultural heritage presentations; oral examination.</p> <table border="1"> <thead> <tr> <th>No.</th> <th>Elements of assessment</th> <th>Points</th> <th>Percentage in the grade (%)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Seminar paper</td> <td>50</td> <td>Max 50%</td> </tr> <tr> <td>2.</td> <td>Oral examination</td> <td>50</td> <td>Max 50%</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total: 100 points</td> <td>100%</td> </tr> </tbody> </table> <p>Min: 55 points, max: 100 points.</p>	No.	Elements of assessment	Points	Percentage in the grade (%)	1.	Seminar paper	50	Max 50%	2.	Oral examination	50	Max 50%	Total: 100 points			100%
No.	Elements of assessment	Points	Percentage in the grade (%)														
1.	Seminar paper	50	Max 50%														
2.	Oral examination	50	Max 50%														
Total: 100 points			100%														

⁹ The structure of the points to be assigned and grade structure for each course is decided by the Faculty Council before the beginning of the academic year in which the course is delivered and pursuant to Article 64, paragraph (6) of the Higher Education of the Sarajevo Canton.

Mandatory and recommended reading ¹⁰:	<p>Mandatory:</p> <ol style="list-style-type: none"> 1. Rizvić, S. Digitalna prezentacija kulturnog naslijeđa Bosne i Hercegovine, TDP Sarajevo, 2018. 2. Kremers, H. Digital Cultural Heritage, Springer International Publishing, 2019 3. Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation, and Protection. 8th International Conference, EuroMed 2020, Virtual Event, November 2–5, 2020, Revised Selected Papers, Editors: Ioannides, M., Fink, E., Cantoni, L., Champion, E. (Eds.), Springer. <p>Recommended:</p> <ol style="list-style-type: none"> 1. <i>Keys To Rome. Roman Culture, Virtual Museums</i>, S. Pescarin, CNR ITABC. 2. <i>Theorizing digital cultural heritage.</i> // Eds. Fiona Cameron and Sarah Kenderdine. Cambridge: MIT Press, 2007. 3. <i>Visual Computing for Cultural Heritage</i>, Editors: Fotis Liarokapis, Athanasios Voulodimos, Nikolaos Doulamis, Anastasios Doulamis, 2020 Springer Nature Switzerland. 4. <i>Digital Storytelling: A creator's guide to interactive entertainment</i>, C. Handler Miller, Routledge; 3rd edition (May 14, 2014).
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Course code: DOS INF 607	European Cultural Policies and Identity Policies		
Cycle: III	Year: I	Semester: II	ECTS: 6
Status: elective		Total number of hours: 2 L + 1 S	
Course lecturer:	Faculty members elected to the scientific field/area/discipline the course is aligned with [Esad Delibašić, Associate Professor, PhD].		
Pre-requisites:	None.		
Course aims:	To introduce the students to the concept of public policy and point out the differences between <i>politics</i> and <i>public policy</i> . To define cultural		

¹⁰ The Senate of the higher education institution and the Faculty Council decide on the mandatory and recommended literature and textbooks, as well as other recommended literature needed for a successful preparation and completion of the exam in the decision published on its website at the beginning of each academic year and pursuant to Article 56, paragraph (3) of the Law on Higher Education of the Sarajevo Canton.

	<p>policy, present key models, instruments and aims of cultural policy. To indicate the importance of international cultural co-operation and the role of international organisations of culture. To emphasize the ambivalence of transcultural Europe and the contextual foundation of cultural policy: from identity politics to the influence of migration processes over the actual social and cultural trends. To elaborate on the basics of transcultural and transnational cultural policy.</p>										
<p>Course content: (may be adjusted to suit the needs of the study programme)</p>	<p>Public policy- the definition of the term. The difference between <i>politics</i> and <i>public policy</i>. Cultural policy—the definition of the term. Historical foundations of cultural policy. Instruments of cultural policy. Aims and instruments of cultural policy. Models of European cultural policy. De-ideologisation of cultural policy. Common principles of cultural policies. Cultural policy and the market. Ambivalence of transcultural Europe and the contextual foundation of cultural policy: from identity politics to the influence of migration processes on social trends. Devising a transcultural and transnational cultural policy. The role of culture in European integrations. Bosnian and Herzegovinian cultural policy. Multiculturalism and interculturalism. Between public property and the market. Participative cultural policy.</p>										
<p>Learning outcomes:</p>	<p>Knowledge: Rethink the concept and the importance of cultural policy. Skills: Critical assessment of European principles and models of cultural policies and cultural policy in Bosnia and Herzegovina. Competences: Create matrices for the cultural policy in Bosnia and Herzegovina.</p>										
<p>Teaching and instruction methods:</p>	<p>Lectures, presentations, debates/discussions, group work.</p>										
<p>Forms of assessment and structure of the overall course grade</p>	<table border="1"> <thead> <tr> <th>No.</th> <th>Elements of assessment</th> <th>Points</th> <th>Percentage in the grade (%)</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			No.	Elements of assessment	Points	Percentage in the grade (%)				
No.	Elements of assessment	Points	Percentage in the grade (%)								

11.	1.	Presentations	20	Max 20%
	2.	Written examination	30	Max 30%
	3.	Oral exam	30	Max 30%
	4.	Debates/discussions	20	Max 20%
	Total: 100 points			100%
Min: 55 points, max: 100 points.				
Mandatory and recommended reading ¹² :	Mandatory:			
	<ol style="list-style-type: none"> 1. Bell, David and Oakley, Kate. <i>Cultural Policy</i>. London & New York: Routledge, 2015. 2. Toby Miller and George Yúdice. <i>Cultural Policy</i>. London: Sage, 2002. 3. Majnhof, Ulrike Hana i Triandafilidu, Ana. <i>Transkulturalna Evropa</i>. Beograd: Clio, 2008. 4. Dragojević, Sanjin: <i>Kulturna politika: europske pristupi i modeli (doktorska disertacija)</i>, Zagreb 2006. 5. Cvjetičanin, Biserka. <i>Kultura u doba mreža . Oglеди o kulturnoj politici</i>. Zagreb: Hrvatska sveučilišna naklada. 2014. 6. Đukić, Vesna. <i>Država i kultura-studije savremene kulturne politike</i>. Beograd: Institut za pozorište, film, radio i televiziju Fakultet dramskih umjetnosti. 2010. 7. Katunarić, Vjeran. <i>Lica kulture</i>. Zagreb: Antibarbarus d.o.o. 2007. 8. Trozbi, Dejvid. <i>Ekonomika kulturne politike</i>. Beograd: Clio. 2012. 9. Višnić, Emina uz prilog Dragojević, Sanjina <i>Kulturne politike odozgo- Nezavisna kultura i nove suradničke prakse u Hrvatskoj</i>. Amsterdam/Bukurešt/Zagreb: ECUMEST Association-European Cultural Foundation- CLUBTURE Network. 2008. 			
Recommended:				
<ol style="list-style-type: none"> 1. Mundy, Symon. <i>Kulturna politika: kratki vodič</i>, Novi Sad: Vega Media.2002, str.14-15. 2. Vraneš, Zorana. <i>Strateška dilema kulturnih politika: direktna kontrola ili odvajanje od političkog procesa</i>. Zavod za proučavanje kulturnog razvoja. 2011/130. 				

¹¹The structure of the points to be assigned and grade structure for each course is decided by the Faculty Council before the beginning of the academic year in which the course is delivered and pursuant to Article 64, paragraph (6) of the Higher Education of the Sarajevo Canton.

¹²The Senate of the higher education institution and the Faculty Council decide on the mandatory and recommended literature and textbooks, as well as other recommended literature needed for a successful preparation and completion of the exam in the decision published on its website at the beginning of each academic year and pursuant to Article 56, paragraph (3) of the Law on Higher Education of the Sarajevo Canton.

3. Prnjat, Branko Uvod u kulturnu politiku. Novi Sad: Stylos, 2006.

Course code: DOS INF 608	Copyright and Related Rights		
Cycle: III	Year: I	Semester: II	ECTS: 6
Status: elective		Total number of hours: 2 L + 1 S	
Course lecturer:	Faculty members elected to the scientific field/area/discipline the course is aligned with [Iza Razija Mešević, PhD, Associate Professor]		
Pre-requisites:	None.		
Course aims:	The aim of the course is to introduce the doctoral students with the system of copyright protection in Bosnia and Herzegovina and the EU, which is of significance for experts in information sciences (especially for librarians, archivists and museologists), as well as with the principles of processing personal data in the usage and exchange of relevant materials.		
Course content:	<p>Copyright for experts in information sciences. Copyright in the digital environment. Electronic publishing. Open Access and public domain. Authorship-related and legal aspects of databases (repositories). Creative Commons licence. Access to resources by persons with disabilities. Orphan and out-of-print works. Local, international and EU standards and the legal framework for librarians, museologists and archivists in relation to copyright protection. Protection of personal data in the context of reading history and access to resources.</p>		
Learning outcomes:	<p>Knowledge: Upon a successful completion of the course, the student will possess the (factual and theoretical) general knowledge about the key institutes and copyright laws in Bosnia and Herzegovina and the EU, which is relevant for experts in information sciences (especially librarians, archivists and museologists). Furthermore, students will be familiarized with the specific regulations of copyright implemented in the</p>		

	<p>digital environment and in the context of working in the field of information sciences. Finally, students will have acquired knowledges about the regulations on personal data protection in the context of working in the field of information sciences.</p> <p>Skills: Students will be enabled to independently find potential solutions for legal issues which may emerge in the working practice of librarians, archivists and museologists.</p> <p>Competences: Students will be trained to compare copyright norms and relevant limitation of copyright laws in Bosnia and Herzegovina and the EU, as well as of the legal framework when it comes to the protection of personal data in Bosnia and Herzegovina and the EU and present acquired knowledges and skills in the context of the information sciences profession.</p>																				
Teaching and instruction methods:	Lectures, group discussions, research-oriented work, personalised work with students (consultations) and supervision/mentoring.																				
Forms of assessment and structure of the overall course grade ¹³ :	<table border="1" data-bbox="391 1019 1340 1422"> <thead> <tr> <th>No.</th> <th>Elements of assessment</th> <th>Points</th> <th>Percentage in the grade (%)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Research paper</td> <td>20</td> <td>Max 20%</td> </tr> <tr> <td>2.</td> <td>Group discussions</td> <td>10</td> <td>Max 10%</td> </tr> <tr> <td>3.</td> <td>Final oral examination</td> <td>70</td> <td>Max 70%</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total: 100 points</td> <td>100%</td> </tr> </tbody> </table> <p>Min: 55 points, max: 100 points.</p> <p>Research paper: written analysis of an actual case/problem related to copyright/personal data protection in the context of the librarian's, archivist's or museologist's profession. Students are expected to address the issue in question by consulting relevant sources and to provide their own conclusions and observations.</p> <p>Group discussions: the students are encouraged to participate in the discussions and interactively work with the lecturer on the solutions for actual cases and problems/challenges in the domain of working in the information sciences profession.</p>	No.	Elements of assessment	Points	Percentage in the grade (%)	1.	Research paper	20	Max 20%	2.	Group discussions	10	Max 10%	3.	Final oral examination	70	Max 70%	Total: 100 points			100%
No.	Elements of assessment	Points	Percentage in the grade (%)																		
1.	Research paper	20	Max 20%																		
2.	Group discussions	10	Max 10%																		
3.	Final oral examination	70	Max 70%																		
Total: 100 points			100%																		

¹³ The structure of the points to be assigned and grade structure for each course is decided by the Faculty Council before the beginning of the academic year in which the course is delivered and pursuant to Article 64, paragraph (6) of the Higher Education of the Sarajevo Canton.

	<p>Final examination: written examination in the June-July examination period, as well as the September make-up examination period. The exam assesses the knowledges and skills acquired during the semester. The overall course grade is calculated by summing up all the points achieved in all the segments of the evaluation.</p>
<p>Mandatory and recommended reading:¹⁴</p>	<p>Mandatory:</p> <ol style="list-style-type: none"> 1. Mešević, Iza Razija, „Autorskopравни i praktični aspekti digitalizacije kulturne baštine“, Pravni aspekti digitalizacije kulturne baštine, Zbornik radova, SANU, Institut za uporedno pravo, Beograd, 2018. 2. Horvat, Aleksandra, “Digitalizacija i knjižnice”, Vjesnik bibliotekara, vol. 55, br. 22, 2012. 3. Crews, Kenneth D., Copyright Exceptions and Statutory Diversity: The WIPO Study of Exceptions for Libraries and Archives (June 30, 2009). Proceedings of the Annual Congress of the International Association for the Advancement of Teaching and Research in Intellectual Property (ATRIP), 2008 . Available at SSRN: https://ssrn.com/abstract=1589108 4. Klinefelter, Anne, Library Standards for Privacy: A Model for the Digital World?. North Carolina Journal of Law & Technology, Vol. 11, No. 3, Special 2010; UNC Legal Studies Research Paper No. 1621837. Available at SSRN: https://ssrn.com/abstract=1621837 5. Zakon o autorskom i srodnim pravima u BiH (“Službeni glasnik BiH”, 63/2010). 6. Zakon o zaštiti ličnih podataka (“Službeni glasnik BiH”, 49/06, 76/11 i 89/11). 7. Zakon o bibliotečkoj djelatnosti FBiH (“Službeni list R BiH”, 37/95). 8. Zakon o bibliotečko-informacionoj djelatnosti RS (“Službeni glasnik RS”, 44/16). 9. Direktiva 2012/28/EU Evropskog parlamenta i Vijeća od 25. oktobra 2012. o određenim dozvoljenim korištenjima djela siročadi. 10. Marakeški ugovor o olakšanju pristupa objavljenim djelima za osobe koje su slijepe, koje imaju oštećenje vida ili imaju drugih poteškoća u korištenju štampanim materijalima iz 2013. godine. 11. Budapest Open Access Initiative (BOAI/2001). 12. Berlin Declaration on Open Access to Knowledge in the Science and Humanities (2003). 13. Pantonovi principi (2010). 14. Horizon 2020 (Open Access Madate)/Evropska komisija. 15. Recommendation on Access to and Preservation of Scientific Information (2012)/Evropska komisija. <p>Recommended:</p> <ol style="list-style-type: none"> 1. Pravni aspekti digitalizacije kulturne baštine, Zbornik radova, SANU, Institut za uporedno pravo, Beograd, 2018.

¹⁴ The Senate of the higher education institution and the Faculty Council decide on the mandatory and recommended literature and textbooks, as well as other recommended literature needed for a successful preparation and completion of the exam in the decision published on its website at the beginning of each academic year and pursuant to Article 56, paragraph (3) of the Law on Higher Education of the Sarajevo Canton.

2. Bidin-Brezovečki, Iva, "Fotografija – autorska prava I muzeji", *Informatica museologica*, vol. 31, br. 3-4, 2000.
3. Burnham, Scott J., Copyright in Library-Held Materials: A Decision Tree for Librarians (2004). *Law Library Journal*, Vol. 96, No. 3, p. 425, 2004. Available at SSRN: <https://ssrn.com/abstract=1926983>
4. Crews, Kenneth D., Study on Copyright Limitations and Exceptions for Libraries and Archives (November 4, 2008). Available at SSRN: <https://ssrn.com/abstract=1415012> or <http://dx.doi.org/10.2139/ssrn.1415012>
5. Courtney, Kyle K., Copyright in the Digital Age (May 1, 2013). *Law Librarianship in the Digital Age* (Scarecrow Press), Forthcoming. Available at SSRN: <https://ssrn.com/abstract=2316226> or <http://dx.doi.org/10.2139/ssrn.2316226>
6. Hansen, David R., Orphan Works: Definitional Issues (December 19, 2011). Berkeley Digital Library Copyright Project White Paper No. 1. Available at SSRN: <https://ssrn.com/abstract=1974614> or <http://dx.doi.org/10.2139/ssrn.1974614>

APPENDIX No. 1:

Doctoral Study in Information Sciences— Academic references of course lecturers (listed alphabetically)

Dušanka Bošković, (Belgrade, 1963), EngD, is an Associate Professor at the University of Sarajevo – Faculty of Electrical Engineering. She obtained her BSc, MSc and EngD degrees at the Faculty of Electrical Engineering, University of Sarajevo. Her field of interest, as well as the courses she teaches, are related to the implementation of software engineering in biomedicine and cognition. Along with teaching and scientific research-oriented activities, she actively participates in different activities aimed at improving education of engineers in Bosnia and Herzegovina. She also participates in activities of various multidisciplinary teams and is one of the founders of the Bosnia and Herzegovina Medical and Biological Engineering Society and an active member of the Sarajevo Graphics Group where she works on the evaluation of users' experiences, development of evaluation metrics and instruments in the domain of digitalization of cultural heritage, both material and non-material, with a special emphasis on educational activities.

Associate Professor **Esad Delibašić** (Belgrade, 1964), PhD, graduated at the Faculty of Philosophy, University of Sarajevo, Department of Philosophy and Sociology and obtained his master's degree at the Faculty of Philosophy, University of Zagreb, Department of Information Sciences, Chair of Museology. He obtained his doctoral degree in sociology at the Faculty of Political Sciences, University of Sarajevo. He worked as a high school sociology and philosophy teacher at the Muhsin Rizvić Gymnasium, Kakanj, and as Assistant to Minister at the Ministry of Education, Science, Culture and Sport of the Zenica-Doboj Canton from 2002 until 2013. From 2013, he has been employed as a professor at the Faculty of Philosophy, University of Zenica, at the Department of Cultural Studies. He has published the following books: *Bosna i ideja otvorenog društva* (2004), Zenica: Erudit; *Muzej u informatičkom okruženju* (2006)—co-author with Edin Hadžikadunić, Zenica: Muzej grada Zenice; *Monografija: Bosna i Hercegovina* (2006), one of the authors, Sarajevo: Tugra; *Između etnosa i demosa* (2008), Zenica: IK Vrijeme; *Uvod u socijalni dijalog u oblasti školstva u Bosni i Hercegovini* - Marčić Siniša/Delibašić Esad/Vejnović Duško/Praskić Asim (2012), Banja Luka: Sindikat srednjeg i visokog obrazovanja, odgoja, nauke i kulture BiH; *Osnovi kulturne politike* (2012), Zenica: IK Vrijeme; *Kultura zatvorenog društva* (2017), Kakanj: JU Gradska biblioteka Kakanj. He has also participated in scientific conferences, seminars and round tables, as follows: Okrugli sto u okviru Međunarodne kulturne manifestacije Zeničko proljeće—"Kulturna baština – zaboravljeni identiteti"/*International Cultural Manifestation "Zenica Spring", round table: "Cultural heritage—forgotten identities"*, Muzej grada Zenice, 2015; Peti međunarodni naučno-stručni skup o edukaciji

"Kulturni identitet u digitalno doba"/ *Fifth International Scientific and Expert Conference Cultural Identity in the Digital Era*, Faculty of Philosophy, University of Zenica, 2014; "Muzeologija danas" round table, Zavičajni muzej Visoko, 2013; "Šta je kulturna politika u Bosni i Hercegovini?", round table, Bosansko narodno pozorište Zenica, Zenica, 2012; "Lica kulture/između stvaralačkog i rušilačkog", Međunarodna kulturna manifestacija "Zeničko proljeće"/ *International Cultural Manifestation "Zenica Spring"*, Muzej grada Zenice, 2013; 4. međunarodna konferencija BAM 2010 – Evropske smjernice za saradnju biblioteka, arhiva i muzeja / *4th International BAM Conference 2010–European guidelines for the co-operation between libraries, archives and museums*, Association of Librarians, Archivists and Museologists, Sarajevo-Zenica, November 12th-13th 2010; 2. međunarodna konferencija BAM 2008—Evropske smjernice za saradnju biblioteka, arhiva i muzeja / *2nd International BAM Conference 2008- European guidelines for the co-operation between libraries, archives and museums*, Association of Librarians, Archivists and Museologists, Sarajevo-Zenica, November 28th-29th 2008. Prof. Delibašić participated in the implementation of projects: "Kulturni front - organiziranje otvorenih tribina i predavanja iz oblasti kulture" (2013); one of the leaders of the "Mapiranje kulturne baštine" project, Chair of General Culturology, Faculty of Philosophy, University of Zenica, project co-funded by the Federal Ministry of Education and Science (2013); one of the leaders of "Strategija kulturne politike Zeničko-dobojskog kantona 2014-2019" project; "Značaj kulturne produkcije Slovenaca u BiH i pripadnika naroda BiH u Sloveniji", a joint scientific and research-based project as part of scientific and technological co-operation between Bosnia-Herzegovina and the Republic of Slovenia in 2014 and 2015.

Professor **Senada Dizdar** (Sarajevo 1959), PhD, studied at the Department of Literary Studies, Theatre Studies and Library Sciences, University of Sarajevo, where she obtained her BSc, MSc and PhD degrees. As a lecturer at the Faculty of Philosophy, University of Sarajevo, in 2008, she established a postgraduate study programme in library sciences. In 2009 and in co-operation with the Department of Information Sciences, Faculty of Philosophy, Zagreb, she launched the digital repository BISER (Bibliotečki Sarajevski Elektronski Repozitorij) and e-publishing in 2010. She has conducted study visits in Austria, Croatia, and Turkey. The field of her scientific and research interests are organisation of knowledge, managing data, metadata, digital humanities and digital literacy. She was a guest lecturer at the Department of Information and Communications Sciences at the Faculty of Philosophy, University of Zagreb. From 2013 to 2016, prof. Dizdar was a guest lecturer at the University of Josip Juraj Strossmayer in Osijek at the Doctoral School of Social Sciences and Humanities (Doctoral Studies in Culturology, Information and Communication in Cultural Studies track). She also teaches at the Department of Information Sciences, Faculty of Philosophy in Mostar. She was the mentor of numerous MSc theses and master's theses and four doctoral dissertations in Bosnia and Herzegovina and the Republic of

Croatia. She was the editor of e-publishing of the Faculty of Philosophy, University of Sarajevo, and Head of E-learning (2014-2018). Prof. Dizdar was the President of the Programme Committee of the International BAM Conference in 2012, 2013, and 2014 and the editor of the proceedings of these three conferences. She is a member of the International Information and Media Literacy survey (IIMLS) group.@googlegroups.com. She was the Head of the Library-Information System of the University (2014-2018) in Sarajevo and the editor of the journal *Obrazovanje odraslih* (2017-2019.). She is the author of more than 50 scholarly and domain-specific papers. She has participated in numerous international conferences and symposia, headed and participated as a member in numerous international and state funded projects. Prof. Dizdar is the editor of *Slovo Makovo* and *Slovo o Maku* (2008) and is the author of *Od podatka do metapodatka* (2011), which was awarded the title of the best textbook in higher education in 2012 at the 24th International Sarajevo Book Fair. She is also the co-author of the manual titled *Informacijska pismenost: smjernice za razvoj inovativnih mrežnih modula* (2012, 2014), and together with Salih Seyhan and Hakan Temiztürk, prof. Dizdar was one of the authors of the book *Osmanlı Dönemi Bosna Basın Tarihi* published in Turkey in 2016. She is the author of *Bibliografija Sarajevskog cvjetnika: prilog povijesti knjige*, 2017. In 2017, she was awarded the Mustafa Ćeman Award for her contributions to library sciences and applications of information technologies in library sciences.

Associate Professor **Lejla Hajdarpašić** (Sarajevo, 1983), PhD, obtained her BSc and MSc degrees at the Department of Comparative Literature and Library Sciences, Faculty of Philosophy, University of Sarajevo, and as the best student of the Faculty of Philosophy she was awarded the University of Sarajevo Golden Badge. In 2009, she enrolled the postgraduate doctoral study in Information and Communication Sciences (track: Librarianship) at the Faculty of Philosophy, University of Zagreb, where she successfully defended her doctoral dissertation in March 2014 earning the academic title PhD in Information and Communication Sciences. She has participated in international and local conferences and presented papers in the domain of information sciences. She has also published numerous scholarly and domain-specific papers, reviews, translations, bibliographies, and alike. She is a member of the Group for Faculty and Special Libraries within the Association of Information Professionals, Librarians, Archivists and Museologists (BAM), a member of the ECIL Programme Committee (The European Conference on Information Literacy), and member of Association of Information Professionals, Librarians, Archivists and Museologists Editorial Board. She is one of the founders of the Association of Librarians of the Federation of Bosnia and Herzegovina, and in the period from 2014 to 2016, she was the President of the Association of Librarians of the Federation of Bosnia and Herzegovina Assembly. Since 2019, she is the President of the University of Sarajevo Committee for Library-Information Systems. She has participated in the implementation of several national and international projects. As one of the members of the Department

for Comparative Literature and Library Sciences at the Faculty of Philosophy, University of Sarajevo, prof. Hajdarpašić is among scholars awarded the Kemal Bakaršić Award for her contributions to the improvement of library sciences in Bosnia and Herzegovina and is also one of the holders of the collective award Silver Plaque of the Association of Information Professionals, Librarians, Archivists and Museologists for the participation in organising BAM "European guidelines for the co-operation between libraries, archives and museums" conferences. She was also awarded the Plaque of the Association of Information Professionals, Librarians, Archivists and Museologists for her contributions to the work of the Association and affirmation of information sciences experts. In 2009, she was elected as Teaching Assistant at the Department for Comparative Literature and Library Sciences at the Faculty of Philosophy, University of Sarajevo, Senior Teaching Assistant in 2012, and in 2015 Assistant Professor in the field of library sciences. Her research fields of interest are Universal bibliographic control and information literacy.

Associate Professor **Mario Hibert** (Sarajevo, 1975), PhD, has taught at the Department for Comparative Literature and Library Sciences at the Faculty of Philosophy, University of Sarajevo since 2006. He obtained his doctoral degree in 2012 at the University of Zagreb, Faculty of Philosophy, Department of Information and Communication Sciences. He obtained his master's degree in 2005 at the European Regional Programme in Human rights and Democracy at the Centre for Interdisciplinary Postgraduate Studies of the University of Sarajevo/ University of Bologna. He has published numerous scholarly papers in the domain of critical information studies and library sciences in Bosnian and English. He is one of the co-founders of the Human Rights Documentary Film Festival *Pravo Ljudski*, a member of the Organizing Committee of the International Convention of Slavic Librarians in Sarajevo, a member of the Editorial Board of the Centre for Social Research *Analitika*, author of the documentary *Čovjek XX vijeka/The 20th Century Man* and a collection of poetry *Judine igračke*. In September 2018, he published *Digitalni odrast i postdigitalna dobra: kritičko bibliotekarstvo, disruptivni mediji i taktičko obrazovanje* in co-operation with Multimedia Institute and Institute for Political Ecology, Zagreb. As a lecturer, he has participated in the European Regional Master Programme Democracy and Human Rights in South-East Europe (ERMA) and the Doctoral Programme in Global Studies at the Centre for Interdisciplinary Studies of the University of Sarajevo.

Professor **Lejla Kodrić Zaimović** (Sarajevo, 1981), PhD, holds a doctorate in Information and Communications Sciences, and is a Full Professor in the field of Library Sciences at the Department of Comparative Literature and Information Sciences, University of Sarajevo – Faculty of Philosophy. She obtained her doctoral degree at the Department of Information and Communication Sciences at the Faculty of Philosophy, University of Zagreb, in 2010. She was elected Assistant Professor in 2010 and

Associate Professor in 2015. Her field of scientific and domain-specific research is heritage studies, theories and practices of heritage information institutions, information cultures, digitalisation of cultural and scientific heritage and digitalisation of school and university libraries. She spent her research-based study visit in Egypt in 2009 (at the University of Cairo and Bibliotheca Alexandrina, Alexandria). On several occasions, she was a guest lecturer at universities in Bosnia and Herzegovina and abroad, and delivered lectures in undergraduate, graduate and doctoral study programmes (Faculty of Humanities, University Džemal Bijedić, Mostar; Department for Philology of the International University of Novi Pazar, Republic of Serbia; Faculty of Political Sciences, University of Sarajevo; Centre for Interdisciplinary Studies, University of Sarajevo; Faculty of Philosophy, University of Zenica). She is the author of *Digitalne informacijske usluge u baštinskim ustanovama*, Biblioteka Sarajeva, 2010, as a co-author, *Kratke historije kulture Bošnjaka*, IUS; Simurg media, 2018, both monographs, and books: *Biblioteka i grad: studije iz teorije i prakse urbanog bibliotekarstva*, The National and University Library of Bosnia and Herzegovina, 2021, and *Baštinske studije: od moderne do postdigitalne kulture* (Heritage Studies: From Modern to Postdigital Culture), Nacionalna i univerzitetska biblioteka Bosne i Hercegovine, 2021. She is the author of over forty scholarly and domain-specific papers, book reviews and reviews, as well as numerous guest lectures. As a member of programme, organizing or scientific committees, she has participated in the organisation of numerous reputable local and international conferences, and was also an editor of conference proceedings published by the Association of Librarians, Archivists and Museologists for 2009, 2010 and 2018. She is the author and head of the project "Znanstveni portal Bošnjačkog instituta – Fondacije Adila Zulfikarpašića" and co-ordinator of the expert team for the Feasibility Study on the University Library, University of Sarajevo. She is the President of the Association of the Sarajevo Canton Librarians (being founded), a member of the Association of Librarians, Archivists and Museologists (BAM), and a member of ICOM of Bosnia and Herzegovina. She was also a member of the Steering Committees of the following institutions: JU „Biblioteka Sarajeva“, BZK „Preporod“ and JU “Muzej Alija Izetbegović”. She was awarded the Silver Plaque of the Association of Librarians, Archivists and Museologists (BAM), and as one of the members of the Chair of Library Sciences, Department of Comparative Literature and Library Sciences, Faculty of Philosophy, University of Sarajevo, she was awarded collective Kemal Bakaršić Foundation Award for the contributions to the advancement of library sciences in Bosnia and Herzegovina in education, theory and practice.

Iza Razija Mešević (Gradačac, 1978), **Dr. iur.**, is an Associate Professor at the University of Sarajevo – Faculty of Law. Her scientific field of research is intellectual property law (basic principles of intellectual property law, copyright and related rights, industrial property law, EU intellectual property law and arts law). She graduated at the Faculty of Law, University of Sarajevo in 2001 and obtained her master's degree in 2006

at the Faculty of Law, University of Sarajevo, having defended her master's thesis titled "Community Trade Mark". She successfully passed Bar Examination in 2008 (Ministry of Justice of the Federation of Bosnia-Herzegovina/ The Ministry of Justice of Bosnia-Herzegovina). She attended the doctoral study programme at the Ludwig Maximilians University of Munich where she worked as a visiting scholar and scholarship holder of the Max-Planck Institute for Innovation and Competition in Munich. She received her Doctor of Jurisprudence degree *summa cum laude*, having defended her doctoral dissertation titled *Das Recht und die Praxis der Verwertungsgesellschaften in Südosteuropa. Regionale Besonderheiten und EU- Einflüsse*. In addition to her activities as an expert on intellectual property in the projects of the European Commission in Bosnia and Herzegovina (Developing Trade Policy and Related Capacity in Bosnia and Herzegovina, 2008, and 2011/2012; Capacity Building in Protection of Intellectual Property Rights in Bosnia and Herzegovina, 2009) and of the USAID Intellectual Property Rights Protection (Protection of intellectual property in Bosnia and Herzegovina, 2011), and participation in International Visitors Leadership Program within the framework of copyright in the USA (2006), she has also been engaged (from 2007 until present) as an educator at the Centre for Education of Judges and Prosecutors of the Federation of Bosnia and Herzegovina. She authored two monographs in the field of intellectual property law: "Urheberrechtssysteme und kollektive Rechtswahrnehmung in Südosteuropa", Schriftenreihe zum Urheber- und Kommunikationsrecht, Nomos, Stämpfli Verlag, C.H. Beck, 2015, Germany, and "National Monographs/ Bosnia and Herzegovina", International Encyclopaedia of Laws for Intellectual Property Law, IEL Intellectual Property, Kluwer Law International BV, The Netherlands, 2016. She has also published numerous scholarly and domain-specific contributions in the field of intellectual property: "Autorskopravni i praktični aspekti digitalizacije kulturne baštine", Conference proceedings, *Pravni aspekti digitalizacije kulturne baštine*, Belgrade, 2017; "Zakon o nedopuštenom oglašavanju FBiH iz ugla zaštite prava intelektualnog vlasništva", *Revija za pravo i ekonomiju*, Year 18, No 1, Mostar, 2017.; "Technology Transfer in the Western Balkans—State of Play and Strategies", Collection of Papers "The Current Issues of Intellectual Property Law and Competition Law: A View from the Balkans", Law Faculty of University in Belgrade, 2016; "Unitarni patent: jedinstvo i nesigurnost", *Nova pravna revija*, 2013; Reports on Bosnia and Herzegovina and Serbia In: Reto M. Hilty, Sylvie Nerisson (Eds.), *Balancing Copyright-Survey of National approaches*, MPI Studies on Intellectual Property and Competition Law, Springer, 2012; "Konkurencija ili monopol? Status organizacija za kolektivno ostvarivanje autorskog i srodnih prava", *Pravo i privreda*, No. 4-6/2011, Belgrade; "Mazedonien- Neues Urhebergesetz", *GRUR Int*, No. 5/2011; "Aktuelle Informationene-Welle neuer Urheberregelungen in Südosteuropa», *GRUR Int*, No. 1/2011;"Harmonizing European Copyright Law: The Challenges of Better Lawmaking- Book Review", *IIC*, No. 7/2010; "Reforma sistema kolektivnog ostvarivanja autorskog prava i srodnih prava u Bosni i Hercegovini—Quo Vadis", *Godišnjak Pravnog fakulteta u Sarajevu*, No. 51/2008; "BiH i

evropsko pravo žiga", Conference Proceedings, International Counselling "Current Events in Civil and Commercial Legislation and Legal Practice", Neum, 2008; "Ekonomске funkcije žiga i njihova transformacija", ZIPS, No. 7/2007; "Proširenje EU i njegovo dejstvo na sistem komunitarnog žiga", *Godišnjak Pravnog fakulteta u Sarajevu*, No. 49/2006; "Očuvanje koncepta autorskog prava u eri digitalnih tehnologija (osvrt na Direktivu Evropskog parlamenta i Savjeta o nekim aspektima autorskog prava i srodnih prava u informacijskom društvu)", *Godišnjak Pravnog fakulteta u Sarajevu*, No. 47/2004; "Pravni i praktični problemi zaštite autorskih prava u BiH", *Novi pogledi*, No. 2/2004; "Cybersquatting- novi oblik povrede prava žiga", *Godišnjak Pravnog fakulteta u Sarajevu*, No. 46/2003.

Emina Resić (Sarajevo, 1973), EcD, is a Full Professor at the Chair of Quantitative Economy at the University of Sarajevo – Faculty of Economics and Business. She defended her doctoral dissertation "Statistički metodi i modeli za kontrolu kvaliteta i unapređenje proizvodnih procesa" in 2008 at the Faculty of Economics and Business, University of Sarajevo. She was a member of the teaching staff at the Faculty of Traffic and Communications, and the Faculty of Political Sciences, University of Sarajevo. Since 2009, she is a visiting professor at the Faculty of Economics, University of Zagreb and at the Faculty of Economics in East Sarajevo and the Faculty of Economics, University of Zenica. She is the author or co-author of nine books. She has published numerous scholarly papers in relevant publications or proceedings indexed in international databases. In her scholarly and research-oriented papers, she discusses numerous significant issues in the field of quantitative economics. She also participated in international and local conferences and contributed to research projects in Bosnia and Herzegovina and abroad. She participated in organising international and local congresses and conferences. She was a reviewer of substantial number of papers for diverse journals and was a member of the international project "Statistical Modelling for Response to Crisis and Economic Growth in Western Balkan Countries "(STRENGTHS), Croatian Science Foundation (HRZZ), 2014-2018.

Selma Rizvić (Sarajevo, 1967), EngD, is a Full Professor at the Department of Computer Science and Informatics at University of Sarajevo – Faculty of Electrical Engineering. She is the founder of the Sarajevo Graphics Group Research Lab. For many years, she worked at the BH Radio Television as Head of the Department for Broadcast Design. She was born in Sarajevo, where she finished primary and secondary school, graduated and earned her master's and doctoral degrees at the Faculty of Electrical Engineering, University of Sarajevo. Her fields of scientific interest and research are: computer graphics, computer animation, virtual reality, television design, digital presentation of cultural heritage and interactive digital storytelling. From 2011-2015, Sarajevo Graphics Group was a partner in the EU FP7 "Virtual Museum Transnational Network V-MusT.net" network of excellence which organised the greatest

European multimedia exhibition "Keys to Rome" in Amsterdam, Rome, Alexandria and Sarajevo. Currently, they are partners in the H2020 iMARECulture project the aim of which is to present underwater cultural heritage by means of digital technologies. The researchers from this group in the period from 2012-2016 participated in MPNS COST Action TD1201 "Colour and Space in Cultural Heritage" (COSCH) as well, with Selma Rizvić as a member of the Management Committee and the work group leader. At present, they are also participating in CA COST Action CA16213 New Exploratory Phase in Research on East European Cultures of Dissent, 2017-2021, with Selma Rizvić as a member of the Management Committee and Steering Board of the project. Together with her colleagues and associates from the Sarajevo Graphics Group, she designed a great number of digital presentations of the Bosnian and Herzegovinian cultural heritage. She is one of the founders and president of the Steering Committee of the Association for Cultural Heritage Digitalization BiH DIGI.BA. This year, in recognition of her scholarly results and contributions, Selma Rizvić was appointed membership of the EUROGRAPHICS Working Group on Graphics and Cultural Heritage Steering Committee. She has participated in numerous expert conferences from this field at the invitation of the European Commission. For more information, see: <http://people.etf.unsa.ba/~srizvic/>.

CURRICULUM

Please insert the name of the curriculum:
**DOCTORAL STUDY PROGRAMME
IN INFORMATION SCIENCES**

CURRICULUM REVIEW

Name of the reviewer: dr. Hrvoje Stančić, full professor

Institution: Faculty of Humanities and Social Sciences, University of Zagreb

Mission

Mission of the proposed doctoral study programme is to offer continuation of the education in information sciences after the second cycle of studies, to provide opportunities for gaining deep insight in the contemporary scientific practices and perception of information sciences and conducting research thus broadening and further developing the field of information sciences. It aims to educate skilled, creative and internationally competitive individuals thus enabling them to professionally and effectively carry out the demanding tasks of the modern industry in both European and international political, social, and cultural contexts.

Values

The curriculum proposal recognizes the values of innovation, academic excellence, ethics, international perspective, research-oriented distinction, interdisciplinarity, creativity, competitiveness, joint European cultural space, and inclusion.

Quality Statements (Note: checkbox where appropriate)	Excellent	Very good	Good	Average	Poor	n/a
PART I - CURRICULUM DEVELOPMENT						
Are institutional goals translated into the academic programs of the institution?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is program based on local and regional market needs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the employability ensured through curriculum design and development?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are global trends in higher education reflected in the curriculum?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do individual courses focus on experiential learning including practical and work experience?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are certain courses aiming to promote ethics, responsibility and sustainability?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PART II – ACADEMIC FLEXIBILITY						
Is there a wide range of program options available to students concerning degrees and concentrations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is program available and adapted for international students (exchange and degree)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do interdisciplinary courses exist?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PART III - CURRICULUM DESIGN AND CONTENT						
How do you rate the sequence of the courses that students studied are in sequence to what students have studied in the previous semester?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the syllabus of the courses concerning the learning outcomes expected out of the course?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the allocation of the credits to the courses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the offering of the electives concerning their relevance to the specialization streams?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the adequacy of the Text Books and reference books to the courses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rate the size of the syllabus regarding the load of the student.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rate the courses regarding the sequence of offering considering whether the preceding courses have been covered.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

How do you rate the loading of the courses in a semester?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the evaluation scheme designed for courses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the objectives stated for courses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate ILO (knowledge, skills, competencies) expected out of the courses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the composition of the courses regarding discipline core, discipline elective, open elective, project etc.?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

General opinion and recommendation:

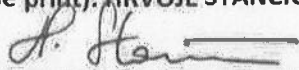
The proposed doctoral study programme in information sciences is excellently planned and structured following the global trends in higher education. It does not offer concentrations or specialization streams but that is perfectly understandable and expected from a focussed doctoral study programme. Nevertheless, this does not prevent the programme to offer interdisciplinarity through opening the possibility for the doctoral students to choose elective courses from other doctoral study programmes (for example economy, law, engineering etc.). The proposed curriculum is organized in a way to guide students through the educational process and aims to facilitate students to defend the thesis within the three-year study.

It is highly recommended for the organizers and lecturers to engage in the national and possibly international, EU funded projects in order to be able to include doctoral students in their research. By gaining experience of research in (inter)national settings helps students in seeing a bigger picture, motivates them and helps them building research network while the project dynamics also keeps their thesis research and writing dynamics.

Suggestions for improvements:

In the section 8, in the table showing courses from the 2nd semester the course DOS INF 605 is titled "Quantitative and Qualitative Methods in Research" while the same course in section 12 (p. 31) is titled "Qualitative and Quantitative Methods in Research". The title should be corrected so that it is the same throughout the study programme.

The curriculum proposal might consider adding a section referring to the possibilities of engaging students in the research projects or aiming at such activities in the future.

Date: 25 March 2022**Name (please print): HRVOJE STANČIĆ****Signature:**


CURRICULUM

Please Insert the name of the curriculum: Doctoral Studies Programme In Information Sciences

CURRICULUM REVIEW

Name of the reviewer: Associate Professor Marljana Tomić, PhD

Institution: University of Zadar, Department of Information Sciences, Croatia

Mission

The proposed Doctoral Studies in Information Sciences is in the field of social sciences, scientific discipline of information sciences. Its main goal is to encompass different branches and subdisciplines within the field of information sciences, including wide range of current trends and subdisciplines within the information sciences. It is aligned with the needs of information society and community of practice in the field of information and heritage institutions, as well as with the needs of other communities and industries in the field of heritage, digital heritage, creative industries, and data management. The program relies on a strong respectful tradition of education and scientific work in the field of information sciences in Bosnia and Herzegovina, providing an opportunity for the continuation of the educational vertical in this field and stopping the trend of outflow of prospective candidates. By educating information professionals at the highest scientific level, this study will certainly represent a fundamental point in the development of the information society, the development of information institutions and the progress of information sciences in Bosnia and Herzegovina.

Values

The proposed Doctoral Studies in Information Sciences is aligned with the needs of information society and community of practice in the field of information and heritage institutions, as well as with the needs of other communities and industries in the field of heritage, digital heritage, creative industries, and data management. It gives the candidate opportunity to specialize and profile their academic interests within individual branches or information sciences, to achieve high quality scientific skills and profile himself/herself as a top scientist in the ever-growing field of information sciences. The study programme itself, and its candidates, will contribute to the profiling of information sciences in Bosnia and Herzegovina as one of the most important areas of modern sciences and contemporary knowledge society as a whole. Studies in information sciences at all levels of education will ensure the important framework and provide preconditions for the development and for the empowering of specific features of modern contemporary information society, namely the development and further professionalization of heritage institutions, publishing, disciplines connected with information management and information systems, and other contemporary disciplines.

Quality Statements (Note: checkbox where appropriate)	Excellent	Very good	Good	Average	Poor	n/a
PART I - CURRICULUM DEVELOPMENT						
Are Institutional goals translated into the academic programs of the Institution?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is program based on local and regional market needs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the employability ensured through curriculum design and development?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are global trends in higher education reflected in the curriculum?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do individual courses focus on experiential learning including practical and work experience?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are certain courses aiming to promote ethics, responsibility and sustainability?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PART II - ACADEMIC FLEXIBILITY						
Is there a wide range of program options available to students concerning degrees and concentrations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is program available and adapted for International students (exchange and degree)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do Interdisciplinary courses exist?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PART III - CURRICULUM DESIGN AND CONTENT						
How do you rate the sequence of the courses that students studied are in sequence to what students have studied in the previous semester?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the syllabus of the courses concerning the learning outcomes expected out of the course?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the allocation of the credits to the courses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the offering of the electives concerning their relevance to the specialization streams?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the adequacy of the Text Books and reference books to the courses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rate the size of the syllabus regarding the load of the student.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rate the courses regarding the sequence of offering considering whether the preceding courses have been covered.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the loading of the courses in a semester?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the evaluation scheme designed for courses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the objectives stated for courses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate ILO (knowledge, skills, competencies) expected out of the courses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
How do you rate the composition of the courses regarding discipline core, discipline elective, open elective, project etc.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

General opinion and recommendation:

The proposed doctoral studies programme in information sciences is well set up and as such guarantee excellent education and training of future doctors of information sciences. It provides student strong and comprehensive support in the preparation of high-quality doctoral theses, and foster his/her independent proactive scientific research and contribution to the field of information sciences. The programme has a broad scope, addressing the whole field of information sciences, at the same time giving the candidates the opportunity to profile and advance their own particular research interests, with continual support and guidance by the adviser/supervisor. Although the base of the programme is in the field of information sciences, throughout the program there is a clear awareness of the interdisciplinarity of information sciences as a contemporary field, and the programme opens up the possibility of interdisciplinary topics, while various mechanisms are planned to provide support for such topics and to foster candidates' interdisciplinary research interests. That is evident from the courses offered within the Programme, but also from the opportunity given to students to choose an elective course from the offer of other study programmes (6.2), in accordance with their own research topics, and adjusted to the aims of the Programme in Information Sciences. As the selection of such elective courses will be supervised and guided by a supervisor/advisor who will assure the compliance of the selected course with the objectives of the Programme, while assessing the benefits for a candidate, such an approach will guarantee the high quality of interdisciplinary topics that are particularly prevalent in modern information sciences.

In the given Programme elaborate, the planned structure of the Programme is outlined and the entire course of study is clearly described, in description (6) and by tabular presentation (9). The educational process within the Programme lasts for three years (six semesters), while the prospective candidates' individual workload within the educational process is expressed in ECTS points (180 in total). ECTS points are clearly and logically distributed by semesters (30 per each semester) and by compulsory/elective courses and scientific and research activities. Teaching and scientific research workload during the study semesters are presented clearly and the structure is logical and appropriate for a top-level study programme.

The Programme is organized in such a way that candidates are required to attend courses in the first and the second semester of study (20 contact hours per week over the period of 16 weeks), while in the third, fourth, fifth and sixth semesters are intended for the research and scientific work. Such a structure assures preconditions for the candidate to be able to work with his/her supervisor/advisor and to successfully complete all stages of the doctoral dissertation, defend it and complete the studies. In alignment with institutional documents governing doctoral programmes, the Doctoral Study Council assigns a study supervisor/advisor to each doctoral candidate upon enrolment. The supervisor/advisor, who is a potential doctoral dissertation supervisor, guides the candidate, supervises and monitors candidate's progress until the appointment of a mentor. Such a principle allows the candidate to gain appropriate guidance through the whole course of studies, including advising on the selection of elective courses and on the planning of the topic of doctoral dissertation. Also, it ensures the best possible selection of supervisor for the doctoral dissertation.

Compulsory courses are held within the first semester. The topics covered by compulsory courses range from knowledge organization in the digital environment, theory and practice of heritage institutions in digital environment, information society and bibliographic control of online publications. The selection of topics is suitable for doctoral programme in information sciences, although it would be advisable to introduce a course in the field of methodology of scientific research within compulsory courses. Elective courses are held in the second semester. The candidate can freely select two courses from the list of electives (20 ECTS), and the selection should be guided by the topic of candidate's doctoral dissertation (8). Unlike compulsory courses that are based on a broader area, the elective courses are more specialized and focused on candidate's particular research interests. However, the offer of elective courses could be broader, and it could go beyond concepts of cultural heritage and cultural policies. In the second semester, candidate should work with supervisor, define the field of research and the topic of doctoral dissertation (10 ECTS). During the process, candidate work on his/her doctoral dissertation project proposal, which should be submitted at the beginning of the third semester and defended by the end of the fourth semester, while the full draft of the dissertation should be submitted by the end of the sixth semester, followed by the public defence of the dissertation. Besides working on doctoral dissertation project, candidate through the fourth and the fifth semester must undertake individual scientific and research-oriented activities. Such a principle enables the candidate to acquire the necessary academic skills necessary for writing a doctoral dissertation, but also for high quality scientific achievements in the future. It gives the candidate the opportunity to present his/her scientific topics, research methods and results, to get reviews from respectful scientists and consequently improve and advance his/her research. Ultimately, such an approach will contribute to the high quality of doctoral theses, as well as to profiling the scientists of this doctoral study, as much as the doctoral programme itself, in the wider scientific community.

Mechanisms for monitoring and ensuring the quality and implementation of the study programme are provided in detail, and include both continuous collecting and analysing candidates' opinions and self-evaluation of lecturers (11). Enrolment requirements (3) are clearly described and encompass all pre-requisites for the enrolment. Classrooms and equipment have been provided for the regular conduct of the study programme, and in addition to the premises and equipment, students are provided with the use of the library collections and services (4). Financial framework of the study programme, including tuition fees and detailed budgeting, is properly described and sustainable (7).

Upon the examination of the study programme, it is to conclude that the study programme proposal contains all parts proscribed by relevant documents on procedure of study programmes proposals at the University of Sarajevo. Also, the doctoral programme is aligned with the national (canton) and institutional strategies and other normative documents, as well as with related doctoral study programmes. The Institution proposing to deliver this doctoral programme is in compliance in the field of the proposed doctoral programme, it is distinguished by its scientific achievements in the information and communication sciences and its researchers are recognized by its scientific achievements both in Bosnia and Herzegovina and abroad. According to list of lecturers (Appendix No. 1), the programme has enough teachers appointed to scientific-teaching titles in the field holding appropriate scientific-teaching position, as well as the fields relevant to the programme (STEM), and they are active and recognized researchers in the national, as much as international scientific community.

The doctoral programme is aligned with the needs of information society and community of practice in the field of information and heritage institutions, as well as with the needs of other communities and industries in the field of heritage, digital heritage, creative industries, and data management.

For all those reasons, I propose to the competent authority to enable the implementation of Doctoral Studies in Information Sciences as a regular doctoral programme of the Faculty of Philosophy, University of Sarajevo.

Suggestions for Improvements:

Recommendations for the Improvements of the study programme are:

1. Planned number of doctoral candidates must remain to such an extent to ensure supervisor ratio to be above 3:1 (the number of available supervisors should be taken into account when determining quotas for enrolment for each generation)
2. Although there is a course covering quantitative and qualitative methods in research within elective courses held in the second semester, research methods are of a high importance for each doctoral student and it is recommended that all the students take the course. If doing so, my suggestions would be to replace the course Bibliographic Control of Online Publications (compulsory course) with a course on research methods. Course on bibliographic control can be offered as an elective course, to those candidates whose particular research interest would be in a domain of bibliographic organization of online publications. The topic of bibliographic control in general is covered by the course Organization of Knowledge in the Digital Environment.
3. It would be preferable to widen the offer of elective courses in further years, in order to address the broader range of topics in the field of Information sciences, particularly those which go beyond concepts of cultural heritage and cultural policies.
4. It would be preferable to include measures to foster mobility of students, to potentiate the outgoing mobility of students to international universities, and other forms of international cooperation, in order to achieve a high number of candidates doing research, attend education or attend elective courses abroad
5. It is necessary to take into account and prescribe the possibility of extending studies for part-time students who are not employed in scientific institutions and might not be able to finish the doctoral dissertation by the end of the sixth semester. I suggest that for such students the study should be extended for one year, with the possibility of extending for another one.
6. It would be preferable to make a detailed plan for evaluation of scientific work of the students – to evaluate published studies according to impact factor of the journal, but also to evaluate active participating in international conferences, attending courses within other doctoral (or master) programme relevant to their research topic, serving as members of organization and/or programme boards of national and international conferences, editing books/proceedings, etc.
7. It would be preferable to proscribe measures/ECTS credits to prioritize involvement of doctoral students in institutional, national and international scientific projects.
8. It would be preferable to establishing formal mechanism for continuing evaluation of supervisors/advisors.

I confirm that I have received a version of the doctoral program which was changed in accordance with the suggestions from the review. In this form, the study programme is fully appropriate and I wholeheartedly recommend to the authorities to enable the implementation of Doctoral Studies in Information Sciences as a regular doctoral programme of the Faculty of Philosophy, University of Sarajevo.

Date: 17.12.2021.

Name (please print): Marijana Tomić

Signature: 

PRIHODI:

Planirani broj studenata	5	
Cijena po godini	4000	
Sstudenatax 4.000,00 KM x 3 godine		60,000.00

RASHODI:

Prema Pravilniku o ostvarivanju i raspolaganju vanbudžetskim prihodima UNSA

Za razvoj UNSA	10%	6,000.00
Ukupno		6,000.00

Ostatak za raspodjelu**54,000.00***(Prema rješenju dekana broj 01-14/372)*

I, II i III semestar		27,000.00
1. Nastava (predavanja, doktorski seminari, gostujući profesori) i konsultacije	65%	17,550.00
3. Ispiti	20%	5,400.00
4. Odbrana projekta doktorske disertacije	10%	2,700.00
<i>od toga:</i>		
Mentor	56%	1,512.00
Predsjednik Komisije	30%	810.00
Članovi	14%	378.00
5. Voditelj doktorskog studija	5%	1,350.00

IV, V i VI semestar		27,000.00
1. Voditelj doktorskog studija	5%	1,350.00
2. Rad s mentorom na temi	20%	5,400.00
3. Obrazovanje komisije za ocjenu podobnosti teme i kandidata	10%	2,700.00
<i>od toga:</i>		
Mentor	56%	1,512.00
Predsjednik Komisije	30%	810.00
Članovi	14%	378.00
4. Komisija za odbranu radne verzije projekta doktorske disertacije	27.50%	7,425.00
<i>od toga:</i>		
Mentor	56%	4,158.00
Predsjednik Komisije	30%	2,227.50
Članovi	14%	1,039.50
5. Komisija za odbranu doktorske disertacije	37.50%	10,125.00
<i>od toga:</i>		
Mentor	56%	5,670.00
Predsjednik Komisije	30%	3,037.50
Članovi	14%	1,417.50