

DOCTORAL SUBJECT SUB-UNIT

Subject name	Field of study (branch) code	Faculty	Department
Digital Humanities Tools and Methods: Theory and Practical Solutions for Research (in the spring semester of academic year)	History and Archaeology H 005	Faculty of History/ Faculty of Philology	Department of Theory of History and History of Culture/ Department of Baltic Studies
Mode of study	Number of credits ECTS	Mode of study	Number of credits ECTS
lectures	1,5	consultations	2
individual	2	seminars	2

Total 7,5

Subject annotation
<p>The course takes place in the spring semester of the academic year.</p> <p>Institute of Baltic Languages and Cultures, Department of Baltic Studies, Faculty of Philology The University of Texas, USA / Geography according to US Classification – Social Sciences</p> <p>The course focuses on the methods and tools of the Digital Humanities (hereinafter referred to as DH), their application in the humanities, and their combination with established research methods in the disciplines, as well as qualitative and quantitative research opportunities. The DH approach has been widely used for several decades, and its use in research is oriented towards interdisciplinarity of research, systematization, processing, and creation of new data, visual solutions for data analysis and presentation, often leading to more innovative and deeper analysis of sources (including textual narratives), and the identification of connections between data.</p> <p>The course will present the issues and current trends in the DH field, focusing on research approaches and tools relevant for Ph.D. students in the humanities today: data retrieval (regular expressions) and digitization techniques (OCR, XML-TEI), geospatial methods and mapping (GIS), historical and literary mapping, analysis of digital texts (textual linguistics, disconnected reading, text reuse detection), analysis of socio-spatial networks, etc.</p> <p>During the Ph.D. course, students will learn about existing DH tools and methods, best practices in their application in research, as well as practice selecting and applying the appropriate DH approaches and tools to address specific research questions, depending on the research being conducted. As a result of their independent work, they will acquire the skills to pose research questions that can be addressed by DH approaches, by processing quantitatively and qualitatively different types of sources (textual, pictorial, mass data, cartographic, etc.).</p> <p>The course combines theoretical lectures (spring semester of the academic year), which provide a basic knowledge of DH methods and tools, with individual studies and tutorials in which research is carried out and DH methods are selected and used to address the research questions in a motivating way. Teaching and tutorials are in both English and Lithuanian, and the research paper can be written in Lithuanian, but the presentation is in English.</p>

Key literature

- Susan Schreibman, Ray Siemens, John Unsworth (ed.), *A Companion to Digital Humanities*, Oxford: Blackwell, 2004 [<http://digitalhumanities.org/companion>]
- Susan Schreibman, Raymond George Siemens, John Unsworth, *A new companion to digital humanities*// Blackwell companions to literature and culture, 93 (2016), Chichester ; Malden, MA: John Wiley & Sons, Ltd.; [<http://www.arise.mae.usp.br/wp-content/uploads/2018/03/A-New-Companion-to-Digital-Humanities.pdf>]
- Paul Longley Arthur, Katherine Bode (ed.) *Advancing Digital Humanities Research, Methods, Theories*. Houndmills: Palgrave Macmillan, 2014.
- Eileen Gardiner, Ronald G. Musto, *The Digital Humanities: A Primer for Students and Scholars*, Oxford: Oxford University Press: 2015.
- Fotis Jannidis, Hubertus Kohle, Malte Rehbein, *Digital Humanities: Eine Einführung*, Springer-Verlag, 2017.
- Kwan, M-P. and Ding, G. Geo-Narrative: Extending Geographic Information Systems for Narrative Analysis in Qualitative and Mixed-Method Research, *Professional Geographer*, 60(4), 2008. http://www.meipokwan.org/Paper/PG_2008.pdf.
- Murrieta-Flores, P. et al. *Automatically Analyzing Large Texts in a GIS Environment*: Registrar General's Reports and Cholera in the 19th Century, *Transactions in GIS*, 19(2), 2015
- White, R. *What is Spatial History?* Online at: <http://web.stanford.edu/group/spatialhistory/cgi-bin/site/pub.php?id=29>.
- Cope, M. and Elwood, S. 2009. *Qualitative GIS: A Mixed Methods Approach*. Thousand Oaks, CA: SAGE Publications.
- Travis, C. et al., eds. *Historical Geography, GIScience and Textual Analysis*. Springer International Publishing, 2020
- Travis, C. 2015. *Abstract Machine: Humanities GIS*. Redlands, CA: ESRI Press.
- Guldi, J. *What is the Spatial Turn?* Online at: <http://spatial.scholarslab.org/spatial-turn/what-is-the-spatial-turn/>.
- Patricia Murrieta-Flores et al., 2017. GIS and Literary History: Advancing Digital humanities research through the Spatial Analysis of historical travel writing and topographical literature. *Digital Humanities Quarterly*, 11(1). Online at: <http://www.digitalhumanities.org/dhq/vol/11/1/000283/000283.html>.
- Bodenhamer, D. et al., eds. *The Spatial Humanities: GIS and the Future of Humanities scholarship*. Bloomington, IN: Indiana University Press, 2010
- Cohen Daniel J, Rosenzweig Roy, *Digital History: A Guide to Gathering, Preserving, and Presenting the Past on the Web*, 2005 <https://chnm.gmu.edu/digitalhistory/>
- Tiago Luís Gil, *How to Make a Database in Historical Studies*, Springer Briefs in History of Science and Technology, 2021 https://www.academia.edu/50642987/HowtoMakeaDatabase_in_Historical_Studies
- Ian Milligan, *History in the Age of Abundance? How the Web Is Transforming Historical Research*, McGill-Queen's University Press (2019).Montreal: 2019
- Hannu Salmi, *What is Digital History?*, Wiley John +Son: 2020

Supervising lecturers' names and surnames	Academic degree	Major works in the field (branch) published in the recent 5 years
Alberto Giordano (University of Texas, USA)	Dr.	Giordano, A., 2022. Towards Interdisciplinarity: The Relationship between

Ernesta Kazakēnaitē
(Faculty of Philology,
Department of Baltic
Studies)

Dr.

GIS/GIScience/Cartography and Human Geography. In: M.W. Rosenberg, S. Lowell, S.E. Coen (Eds.), *Handbook of Methodologies in Human Geography*, Chapter 5, Routledge: London.

Cole, T. and Giordano, A., 2022. Digital Mapping. In *Doing Spatial History* (Riccardo Bavaj, Konrad Lawson, Bernhard Struck, eds.). London, Routledge, Chapter 15.

Knowles, A. K., Jaskot, P B., Cole, T., and Giordano, A. 2021. Mind the Gap: Reading Across the Holocaust Testimonial Archive. In *Lessons and Legacies XIV: The Holocaust, Digital Humanities and Cultural History* (Tim Cole and Simone Gigliotti, eds.). Chicago, Northwestern University Press, 216-241.

Miranker, M. and Giordano, A. 2020. Text Mining and Semantic Triples: Spatial Analyses of Text in Applied Humanitarian Forensic Research. *Digital Geography and Society*.
<https://doi.org/10.1016/j.diggeo.2020.100005>.

Giordano, A. 2019. GIS&T and the Digital Humanities. In *The Geographic Information Science & Technology Body of Knowledge* (John P. Wilson, ed.). DOI: 10.22224/gistbok/2019.2.8.

Kazakēnaitē Ernesta 2017, Izmaiņas Georga Manceļa 1631. g. un 1644. g. Lettisch Vade mecum perikopju daļā, *Baltu filoloģija* 26, 5–36.

Kazakēnaitē Ernesta 2019, *XVI–XVII a. liuteronu latviskiju Biblijas fragmentu sāsajos su Glücko Biblijas vertimu (1685–1694)*, daktaro disertacija, Vilniaus universitetas.

Kazakēnaitē Ernesta 2019, *Connections between fragments of the 16th-17th century Lutheran Bible in Latvian and Glück's translation of the Bible into Latvian (1685–1694)*, Summary of doctoral dissertation.

Kazakēnaitē Ernesta 2020, The discovered book *Das Hauß=Zucht= und Lehr=Buch Jefu Syrachs* (1671) by Georg Mancelius and its

Jurgita Verbickienė	Dr., Professor	<p>relations with earlier publications, <i>Baltistica</i> 55(2), 331–354.</p> <p>Kazakėnaitė, Ernesta 2020, <i>Pasargā no visa jauna jeb latviešu tēvreize</i> S. Minstera kosmogrāfijas izdevumos, <i>Baltu filoloģija</i> 29(2), 55–87.</p> <p>Šiaučiūnaitė-Verbickienė, Jurgita. Sources of the eighteenth century general Jewish censuses of the Grand Duchy of Lithuania and their applicability to historical demography research // <i>Jewish population and identity: concept and reality</i>: In honor of Sidney Goldstein / editors : Sergio DellaPergola, Uzi Rebhun. Cham : Springer, 2018. ISBN 9783319774459. eISBN 9783319774466. p. 233-247. (Studies of Jews in Society, ISSN 2524-4302, eISSN 2524-4310 ; vol. 1).</p> <p>Darius Staliūnas, Vladas Sirutavičius, Jurgita Šiaučiūnaitė-Verbickienė. Eds, <i>The History of Jews in Lithuania. From the middle ages to the 1990s</i>. Brill/ Ferdinand Schoningh, 2020. 524 p. ISBN 978-3-506-70575-4.</p> <p>Šiaučiūnaitė-Verbickienė, Jurgita. Translations and self-representation: literature as a tool for a mutual Jewish-Lithuanian acquaintance // <i>Jewish culture and history</i>. Abingdon : Taylor & Francis (Routledge). ISSN 1462-169X. eISSN 2167-9428. 2017, Vol. 18, Iss. 2, p. 190-208. DOI: 10.1080/1462169X.2017.1328011.</p> <p>Jurgita Šiaučiūnaitė-Verbickienė, “A Town After a Fire: Losses and Behaviour of Jewish Communities” in Social and Cultural Relations in the Grand Duchy of Lithuania. Microhistories ed. By Richard Butterwick, Wioletta Pawlikowska, Routledge, 2019 (ISBN 9780367206666), p. 62-73</p> <p>Jurgita Šiaučiūnaitė-Verbickienė, “Cases of the Expulsion of Jews From the Towns of the Grand Duchy of Lithuania. Strategies of the</p>
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		<i>Burghers and the Jews</i> ", The Polish-Lithuanian Commonwealth , History. Memory.Legacy. ed. by Andrej Chwalba, Krzysztof Zamorski, Routledge, 2020, p. 195-214
Approved by the Doctoral Committee of History and Archaeology 24 October 2024, No15600-KT-510.		
Chair of the Doctoral Committee Prof. habil. dr. Tamara Bairašauskaitė		