

DOCTORAL SUBJECT SUB-UNIT

Subject name	Field of study (branch) code	Faculty/institute	Department
Early Metal Period in the southeastern Baltic region	History and Archaeology H 005	Lithuanian Institute of History	Department of Archaeology

Mode of study	Number of credits ECTS	Mode of study	Number of credits ECTS
Lectures		consultations	1
individual	4	seminars	2,5

Total: 7,5 ECTS

Subject annotation
The course is aimed at helping the doctoral student to grasp the main research problems of the Early Metal Period in the southeastern Baltic region (Bronze Age and Early Iron Age, 1700-1 BC), to choose appropriate methods of investigation and sources for this period, and to analyse their potential for a qualitative leap in the knowledge of this period. Questions to be covered in the course: concept of the period, chronology, periodisation, historiography, the beginning of bronze production and its significance for the economic and social development, production of lithic, bone-antler ware, local pottery sequences, the beginning of crop cultivation, animal husbandry, fossil fields, fishing, diet (zooarchaeology, stable isotopes of C and N, biomolecular studies of food residues in pottery), settlement types, functions, systems, trade and exchange, buildings, the emergence and development of fortified settlements, changes in ritual practices (mortuary practices, spread of barrows and cremation, hoard deposition), war and conflict, human sacrifices, migrations and mobility as revealed by genetic and Sr-isotope studies.
1. Earle, T., Ling, J., Uhnér, C., Stos-Gale, Z., Melheim, L., 2015. The Political Economy and Metal Trade in Bronze Age Europe: Understanding Regional Variability in Terms of Comparative Advantages and Articulations. <i>European Journal of Archaeology</i> 18 (4): 633–657. 2. Graudonis, J., 1989. <i>Nocietinātās apmetnes Daugavas lejtece</i>. Rīga: Zinātne. 3. Lang, V., 2007. <i>The Bronze and Early Iron Ages in Estonia (=Estonian archaeology, 3)</i>. Tartu: Tartu University Press. 4. Luchtanas, A., Sidrys, R. V., 1999. Bronzos plitimas rytiniame Pabaltijo regione iki Kristaus. <i>Archaeologia Lituana</i> 1: 15–55. 5. Minkevičius, K., Podėnas, V., Urbonaitė-Ubė, M., Ubis, E., Kisielienė, D., 2020. New evidence on the southeast Baltic Late Bronze Age agrarian intensification and the earliest AMS dates of Lens culinaris and Vicia faba. <i>Vegetation History and Archaeobotany</i>, 29, 327–338. 6. Piličiauskas, G., Matiukas, A., Peseckas, K., Mažeika, J., Osipowicz, G., Piličiauskienė, G., Rannamäe, E., Prackėnaitė, E., Vengalis, R., Pilkauskas, M., 2020. Fishing history of the East Baltic during the Holocene according to underwater multiperiod riverine site Kaltanėnai, northeastern Lithuania. <i>Archaeological and Anthropological Sciences</i> 12:279. 7. Podėnas, V., 2024. <i>Įvirtintų gyvenviečių bendruomenės Rytų Baltijos regione 1100–400 cal BC</i>. Lietuvos istorijos institutas. 8. Vengalis, R., Piličiauskas, G., Pilkauskas, M., Kozakaitė, J., Juškaitis, V., 2020. The large-scale rescue excavation of a multi-period site at Kvietiniai sheds light on the so far little explored Bronze Age in Western Lithuania. <i>Archaeologia Baltica</i> 27: 17–50. 9. Vengalis, R., Minkevičius, K., Valančius, M., Piličiauskas, G., 2022. Hidden landscapes of the Earliest Iron Age: excavations at Kakliniškės 7 reveal an overlooked settlement phase in Southern Lithuania. <i>Archaeologia Baltica</i> 29: 119–148. 10. Vasks, A., Zariņa, G., Legzdina, D., Plankājs, E., 2021. New data on funeral customs and burials of the Bronze Age Reznes cemetery in Latvia. <i>Estonian Journal of Archaeology</i> 25: 3–31. Key literature

Supervising lecturers' names and surnames	Academic degree	Major works in the field (branch) published in the recent 5 years
Vytenis Podėnas	Dr.	- Podėnas, V., 2024. <i>Įtvirtintų gyvenviečių bendruomenės Rytų Baltijos regione 1100–400 cal BC</i>. Lietuvos istorijos institutas. - Podėnas, V., Garbaras, A., Micelicaitė, V., Minkevičius, K., Šapolaitė, J., Ežerinskis, Ž., Čivilytė, A., 2023. Diet of the fortified settlement communities in Lithuania from 1000 cal. BC to 200 cal. AD. <i>Journal of Archaeological Science: Reports</i>, 51, 104184. - Micelicaitė, V., Piličiauskienė, G., Podėnas, V., Minkevičius, K., Damušytė, A., 2023. Zooarchaeology of the Late Bronze Age Fortified Settlements in Lithuania. <i>Heritage</i> 6, 333–350. - Visocka, V., Podėnas, V., Sperling, U., 2022. From the seaside to the inland. Comparing Late Bronze Age pottery production and styles in the eastern Baltic. In: D. Hofmann, F. Nikulka, R. Schumann (eds.) <i>The Baltic in the Bronze Age. Regional patterns, interactions and boundaries</i>. Leiden: Sidestone Press, p. 161–188. - Podėnas, V., 2020. Emergence of Hilltop Settlements in Southeastern Baltic: New AMS ¹⁴C Dates from Lithuania and Revised Chronology. <i>Radiocarbon</i>, 62, 361–377. - Minkevičius, K., Podėnas, V., Urbonaitė-Ubė, M., Ubis, E., Kisielienė, D., 2020. New evidence on the southeast Baltic Late Bronze Age agrarian intensification and the earliest AMS dates of <i>Lens culinaris</i> and <i>Vicia faba</i>. <i>Vegetation History and Archaeobotany</i>, 29, 327–338. Podėnas, V., Čivilytė, A., 2019. Bronze casting and communication in the Southeastern Baltic Bronze Age. <i>Lietuvos archeologija</i>, 45, 163–193.

Rokas Vengalis	Dr.	1. Valančius, M., Vengalis, R., Niedzielski, P., 2024. The unique aspects of the Burnished pottery of the pre-Roman & Roman periods in Lithuania: Study of ceramic technology and provenance in glacial-formed environment. <i>Journal of Archaeological Science: Reports</i>, 57. 2. Vengalis, R., Minkevičius, K., Valančius, M., Piličiauskas, G., 2022. Hidden Landscapes of the Earliest Iron Age: Excavations at Kakliniškės 7 Reveal an Overlooked Settlement Phase in Southern Lithuania. <i>Archaeologia Baltica</i>, 29, 119–148. 3. Piličiauskas, G., Vengalis, R., Skridlaitė, G., Piličiauskienė, G., Minkevičius, K., 2022. Towards better understanding of economy and culture of the Late Bronze Age in the southeastern Baltic: Tarbiškės settlements. <i>Archaeologia Baltica</i>, 29, 149–168. 4. Vengalis, R., Piličiauskas, G., Minkevičius, K., Valančius, M., Stančikaitė, M., Vaikutienė, G., Piličiauskienė, G., 2022. New Data on the Structure and Economy of Unenclosed Settlements of the Late Striated Ware Culture: Skudeniai Settlement Site, SE Lithuania. <i>Lietuvos archeologija</i>, 48, 101–153. 5. Piličiauskas, G., Vengalis, R., Minkevičius, K., Kisielienė, D., Ežerinskis, Ž., Šapolaitė, J., Skipitytė, R., Robson, H.K., 2021. The earliest evidence for crop cultivation during the Early Bronze Age in the southeastern Baltic. <i>Journal of Archaeological Science: Reports</i>, 36(1). 6. Vengalis, R., Piličiauskas, G., Pilkauskas, M., Kozakaitė, J., Juškaitis, V., 2020. The large-scale rescue excavation of a multi-period site at Kvietiniai sheds light on the so far little explored Bronze Age in Western Lithuania. <i>Archaeologia Baltica</i>, 27, 17-50. 7. Piličiauskas, G., Matiukas, A., Peseckas, K., Mažeika, J., Osipowicz, G., Piličiauskienė, G., Rannamäe, E., Pranckėnaitė, E., Vengalis, R., Pilkauskas, M., 2020. Fishing history of the East Baltic during the Holocene according to underwater multiperiod riverine site Kaltanėnai, northeastern Lithuania. <i>Archaeological and anthropological sciences</i>, 12, 1-26. Vengalis, R., Vėlius, G., 2019. Kernavės piliakalnių funkcinė raida geležies amžiuje: naujos senų duomenų interpretacijos. <i>Archaeologia Lituana</i>, 20, 75-115.
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Gytis Piličiauskas	Dr.	1. Lucquin, A., Robson, H.K., Oras, E., Lundy, J., Moretti, G., González Carretero, L., Dekker, J., Demirci, Ö., Dolbunova, E., McLaughlin, T.R., Piezonka, H., Talbot, H.M., Adamczak, K., Czekaj-Zastawny, A., Groß, D., Gumiński, W., Hartz, S., Kabaciński, J., Koivisto, S., Linge, T.E., Philippse, B., Piličiauskas, G., Visocka, V., Raemaekers, D., Meadows, J., Heron, C., Craig, O.E. 2023. The impact of farming on prehistoric culinary practices throughout Northern Europe. <i>Proceedings of the National Academy of Sciences</i>, 120 (43) e2310138120. 2. Piličiauskas, G., Pranckėnaitė, E., Matiukas, A., Osipowicz, G., Peseckas, K., Kozakaitė, J., Damušytė, A., Gál, E., Piličiauskienė, G., Robson, H.K., 2023. Garnys: an underwater riverine site with delayed Neolithisation in the southeastern Baltic. <i>Journal of Archaeological Science: Reports</i>, 52, 104232. 3. Simčenka, E., Kozakaitė, J., Piličiauskienė, G., Piličiauskas, G., 2022. Human diet during Stone Age and Early Metal Period (7000–1 cal BC) in Lithuania: an update. <i>Radiocarbon</i> 64(5), 1171-1189. 4. Piličiauskas, G., Vengalis, R., Skridlaitė, G., Piličiauskienė, G., Minkevičius, K., 2022. Towards better understanding of economy and culture of the Late Bronze Age in the southeastern Baltic: Tarbiškės settlements. <i>Archaeologia Baltica</i>, 29, 149-168. 5. Piličiauskas, G., Simčenka, E., Lidén, K., Kozakaitė, J., Miliauskienė, Ž., Piličiauskienė, G., Kooijman, E., Šinkūnas, P., Robson, H.K., 2022. Strontium isotope analysis reveals prehistoric mobility patterns in the southeastern Baltic area. <i>Archaeological Anthropological Sciences</i>, 14, 74. 6. Piličiauskas, G., Vengalis, R., Minkevičius, K., Kisielienė, D., Ežerinskis, Ž., Šapolaitė, J., Skipitytė, R., Robson, H.K., 2021. The earliest evidence for crop cultivation during the Early Bronze Age in the southeastern Baltic. <i>Journal of Archaeological Science: Reports</i>, 36, 102881. 7. Piličiauskas, G., Matiukas, A., Peseckas, K., Mažeika, J., Osipowicz, G., Piličiauskienė, G., Rannamäe, E., Pranckėnaitė, E., Vengalis, R., Pilkauskas, M., 2020a. Fishing history of the East Baltic during the Holocene according to underwater multiperiod riverine site Kaltanėnai, northeastern Lithuania. <i>Archaeological and Anthropological Sciences</i> 12, 279.
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Approved by the Doctoral Committee of History and Archaeology
24 October 2024, No 15600-KT-510

Chair of the Doctoral Committee