

WELCOME TO POSTGRADUATE COURSES IN



Ural Federal University

named after the first President
of Russia B.N.Yeltsin



Institute of Natural Sciences



**Уральский
федеральный
университет**

имени первого Президента
России Б.Н.Ельцина

**Институт
естественных наук**

This Institute offers the study of natural sciences – physics, chemistry, and biology. Key areas of research for the institute include condensed state physics, physics of magnetic phenomena, molecular physics, stellar astronomy, biology, chemistry of solids, physical chemistry of macromolecules, ecology. The Research Institute for Physics and Applied Mathematics, an integral part of the INS, provides a broad range of scientific research.

POSTGRADUATE COURSE

Ecology or Zoology

Annotation

4-year program includes both theoretical and practical courses in evolutionary morphology of vertebrata, evolutionary ecology, biochronology and biostratigraphy of Quaternary, and researches for PhD thesis.

Postgraduate requirements

The candidate should have a knowledge in zoology or Quaternary geology, and molecular genetics.

Additional conditions

Field research in different parts of the Urals and Siberia.

Supervisor

Aleksandr Borodin
Professor, department of ecology



Scientific activities

Evolutionary ecology; morphological evolution of mammals; Quaternary biochronology and biostratigraphy; phylogeography; evolutionary studies based on both paleontological and neontological approaches.

Scopus/Web of Science/ ResearchGate/LinkedIn

Principle articles

Borodin A. Opredelitel zubov polevok Urala i Zzapadnoy Sibiri (Pozdny pleistocen-sovremennost [A Diagnostik Guide to Teeth of Arvicolines of the Urals and Western Siberia (Late Pleistocene-Modern Time)] Ural Branch of the Russian Academy of Sciences Publishing, Yekaterinburg (in Russian)

Borodin A., Markova E., Zinovyev E., Strukova T., Fominykh M., Zykov S.V., 2013. Quaternary rodent and insect faunas of the Urals and Western Siberia: connection between Europe and Asia // Quaternary International. Vol. 284. P. 132-150. DOI:10.1016/j.quaint.2011.07.050.

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