

**MASTERS PROGRAMME: MSC/MA BIOGEOGRAPHY**

<b>AGE 807</b>	<b>Ecological Biogeography</b>
<b>Course content (including topics)</b>	Origin and development of biogeography, Concepts of temporal and spatial patterns of species distribution, The biome system, Forms and agents of disturbance, Plant strategies, Tolerance and present distribution
<b>AGE 808</b>	<b>Methods and Techniques of Biogeography</b>
<b>Course content (including topics)</b>	Systems analysis of the geosystem components, Models of change dispersal, Vegetation analysis and mapping, Population structure and analysis, Dynamics of community structures, Remote sensing systems for resource studies
<b>AGE 809</b>	<b>Palaeoecology</b>
<b>Course content (including topics)</b>	Palaeological data: Palynology, dendrochronology, archaeology, stratigraphy, varve analysis, planktonic geochronology, radiometric dating, palaeomagnetism, other dating techniques for palaeoecological reconstruction and palaeobiogeographical interpretation; Origin and evolution of the biosphere, Carboniferous and Pleistocene glaciations: their record in an influence on the biosphere; The Pleistocene mass killing; Impact of extraterrestrial bodies; Plate tectonics and continental drift: their influence on the evolution of the biosphere.
<b>AGE 819</b>	<b>Conservation Biogeography</b>
<b>Course content (including topics)</b>	Island Biogeography. Tropical geography and species diversity. Causes of extinction. Endangered resources: their conservation and preservation. Nature reserves. Man and the environment, diversity, of food resources. Intensification of modern agriculture and management techniques.