

## **List of courses-Specialization: “Climatic variation and impact on the environment”**

### **1st SEMESTER (Hours per week, ECTS)**

KMΠ-Y01 GEOSYSTEMS (4, 8)

KMΠ-Y02 ENVIRONMENTAL STRATIGRAPHY AND APPLICATIONS (4, 8)

KMΠ-Y03 METHODS OF APPLIED RESEARCH IN GEOSCIENCES – METHODS OF ENVIRONMENTAL DATA ANALYSIS (4, 7)

KMΠ-Y04 ENVIRONMENTAL GEOMORPHOLOGICAL PROCESSES – BIOGEOCHEMICAL CYCLES (4, 7)

Total (16, 30)

### **2nd SEMESTER (Hours per week, ECTS)**

KMΠ-Y05 GEOGRAPHIC INFORMATION SYSTEMS IN ENVIRONMENTAL APPLICATIONS (4, 8)

KMΠ-Y06 ENVIRONMENTAL SEDIMENTOLOGY (4, 8)

KMΠ-Y07 CLIMATE VARIABILITY (PALEOCLIMATE) AND CLIMATE CHANGE (ANTHROPOCENE) (4, 7)

KMΠ-Y08 QUATERNARY GEOENVIRONMENT-GEOARCHAEOLOGY (4, 7)

Total (16, 30)

### **3rd SEMESTER Elective Courses (two of 8 ECTS/ one of 7 ECTS)**

KMΠ-E01 MARINE PALAEOECOLOGY (4, 8)

KMΠ-E02 PALAEOCEANOGRAPHIC AND PALAEOCLIMATIC INDICES (4, 8)

KMΠ-E03 PALAEOONTOLOGY AND BIODIVERSITY (4, 7)

KMΠ-E04 BIOSPHERE AND GEOENVIRONMENTAL APPLICATIONS (4, 7)

KMΠ-E05 GEOHAZARDS AND SEDIMENTOLOGY (4, 7)

KMΠ-E06 APPLIED HYDROLOGY (4, 8)

KMΠ-E07 SUBMARINE GEOMORPHOLOGY – COASTAL ZONE MANAGEMENT (4, 7)

KMΠ-E08 REMOTE SENSING AND SATELLITE DATA APPLICATIONS (4, 7)

KMΠ-E09 APPLIED AND KARSTIC GEOMORPHOLOGY (4, 8)

KMΠ-E10 NATURAL HAZARDS AND HUMAN IMPACT ON THE ENVIRONMENT (4, 8)

Total (16, 30)

### **4 th SEMESTER**

Postgraduate Dissertation (30)

Total: 30