Methods of Analyses and Modelling

Module title

Methods of Analyses and Modelling

Abbreviation

04-Geo-AmM-152-m01

Module coordinator

holder of the Professorship of Geography and Regional Science

Module offered by

Institute of Geography and Geology

ECTS

5

Method of grading

numerical grade

Only after succ. compl. of module(s)

Duration

1 semester

Module level

graduate

Other prerequisites

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Contents

The module covers essential methodological elements of "Applied Geography" with the help of qualified processes and techniques of regional analysis and process modelling. In this module will be presented advanced methods and techniques concerning the analysis and modelling of quantitative data with the help of case studies and possibilities of their planning-related application will be discussed, too.

Intended learning outcomes

Students achieve consolidated, theoretical substantiated methodical skills of the analysis and modelling of geospatial data.

Courses

(type, number of weekly contact hours, language — if other than German)

S (2)

Module taught in: German and/or English

Method of assessment

(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) exercises (approx. 20 pages) or b) presentation (approx. 30 minutes) and term paper (approx. 15 pages) or c) written examination (approx. 45 minutes)

Assessment offered: Once a year, winter semester

Language of assessment: German and/or English

Allocation of places

20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.

Additional information

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Referred to in LPO I

(examination regulations for teaching-degree programmes)

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Module appears in

Master's degree (1 major) Applied Human Geography (2015)

Master's degree (1 major) Applied Human Geography (2017)