Module description

**Module title**: Advanced biostatistical methods

**Abbreviation**: 03-KFE-4-122-m01

**Module coordinator**: Institute of Clinical Epidemiology and Biometry (ICE-B)

**Module offered by**: Faculty of Medicine

**ECTS**: 5

**Method of grading**: numerical grade

**Duration**: 1 semester

**Module level**: graduate

**Other prerequisites**: 03-KFE-1 and 03-KFE-2 and 03-KFE-3

**Contents**: Complex analyses of larger data sets to solve topical research questions; creation of tables and figures suitable for presentation in a scientific publication; additional statistical methods will be taught as needed for the specific task.

**Intended learning outcomes**: The students become familiar with a topical research question and the related data set. They perform all statistical analyses to answer the questions and learn to present the results in tables and figures. They also contribute to presenting the statistical methods and results, aiming at a co-authorship of a scientific publication in a peer-reviewed journal.

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

S (no information on SWS (weekly contact hours) and course language available)

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

presentation (approx. 45 minutes) and written examination (approx. 60 minutes)

Language of assessment: German, English

**Allocation of places**: --

**Additional information**: --

**Referred to in LPO I** (examination regulations for teaching-degree programmes)

--

**Module appears in**: Complementary non-degree programme Clinical Research and Epidemiology (2012)