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| Module title | | Abbreviation |
| Epidemiologic Methods | | 03-TM-EPIMETH-181-m01 |
| Module coordinator | | Module offered by |
| Institute of Clinical Epidemiology and Biometry (ICE-B) | | Faculty of Medicine |
| ECTS | Method of grading | Only after succ. compl. of module(s) |
| 5 | numerical grade | -- |
| Duration | Module level | Other prerequisites |
| 1 semester | graduate | -- |
| Contents | | |
| Advanced aspects of study design; analysis of the relationship between risk factors and outcome; aims and methods of health care research; concept of health economy. | | |
| Intended learning outcomes | | |
| In further discussions of design aspects, the students learn how to purposefully use methodological elements to answer research questions and to assure the quality of study data. They perform numerical analyses to quantify the relationship between risk factor and outcome in the given study context and assess the evidence arising from the data. They are able to apply methods to avoid or eliminate confounding in study design and analysis. The students get to know aims and methods of health care research and study examples of common diseases (heart failure, stroke). They know basic concepts of health economy (cost assessment, quality and disability adjusted life time). | | |
| Courses (type, number of weekly contact hours, language – if other than German) | | |
| V (1.5) + S (1.5) Module taught in: German 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) | | |
| oral examination (approx. 30 minutes) Language of assessment: German or English | | |
| Allocation of places | | |
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| Additional information | | |
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| Workload | | |
| 150 h | | |
| Teaching cycle | | |
| -- | | |
| Referred to in LPO I (examination regulations for teaching-degree programmes) | | |
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| Module appears in | | |
| Supplementary course Translational Medicine (2018) Master's degree (1 major) Translational Medicine (2018) | | |