

Course Descriptions Exchange 2017-2018

Course Title Actuarial Statistics
 Course Code EBC2125
 ECTS Credits 6,5
 Assessment None

| Period | Period | Start | End | Mon | Tue | Wed | Thu | Fri |
|--------|-----------|----------|-----|-----|-----|-----|-----|-----|
| 5 | 16-4-2018 | 8-6-2018 | X | | | X | | |

Level Advanced
 Coordinator Hans Peters For more information:h.peters@maastrichtuniversity.nl
 Language of instruction English
 Goals See course contents.
 Description This course is an Actuarial elective.
 This course treats the basics of actuarial risk theory, in particular : utility theory and (re-)insurance, individual and collective loss models, ruin theory, and premium principles.
 Literature Kaas R., M. Goovaerts, J. Dhaeneand M. Denuit, Modern Actuarial Risk Theory, Springer (2009). An earlier edition of this book will be used.
 Prerequisites Level of first two years of the Econometrics and OR bachelor program, in particular Mathematics, Probability Theory, and Mathematical Statistics.
 Teaching methods PBL / Lecture / Assignment
 Assessment methods Participation / Written Exam
 Evaluation in previous academic year For the complete evaluation of this course please click <http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM>
 This course belongs to the following programme / specialisation

| | |
|---|---------------------------|
| Bachelor Econometrics and Operations Research | Actuarial Electives |
| Bachelor Econometrics and Operations Research | Year 3 Compulsory Courses |
| SBE Exchange Bachelor | Bachelor Exchange Courses |
| SBE Exchange Master | Bachelor Exchange Courses |
| SBE Non Degree Courses | Bachelor Courses |