Course Descriptions Master 2017-2018

Course Title	Topics in Computational Actuarial Methods
Course Code	EBS4020
ECTS Credits	4,0
Assessment	None

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
3	15-1-2018	26-1-2018	C				

Level	Advanced
Coordinator	Eric Beutner For more information:e.beutner@maastrichtuniversity.nl
Language of instruction	English
Goals	To provide an understanding of mathematical models useful in actuarial science and their implementation.
Description	The goal of the course is to become familiar with mathematical models in actuarial science, their applications and, in particular, their implementation. Students learn, for example, how statistical packages can be used to handle large data sets and/or how statistical packages can be used to validate premium calculations.
Literature	Research articles and slides of the course.
Prerequisites	Probability Theory and Mathematical Statistics.
Teaching methods	PBL / Lecture / Groupwork
Assessment methods	Final Paper / Participation
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

Master Econometrics and OR	Actuarial Science
Master Econometrics and OR	Econometrics & OR Skill
SBE Exchange Master	Master Exchange Skills
SBE Non Degree Courses	Master Skills