BScHons in Operations Research

Programme Code

55336 – 779 (120)

Specific Admission Requirements

- A suitable bachelor's degree with applicable modules on third-year level.
- An average final mark of at least 60% for Operations Research, Computer Science, Applied Mathematics, Mathematics or Mathematical Statistics on third-year level, or any degree that the Department of Logistics considers an equivalent qualification.

Duration of Programme

The duration of this programme is one year.

Programme Content

You must earn at least 120 credits as set out in the compulsory modules listed below.

Compulsory Modules

Subject Number	Module Code	Credits	Module Name	Semester
65269	746	12	Applied Stochastic Simulation (Dept. of Statistics and Actuarial Science)	2
11047	774	30	Research Assignment: Operational Research	Both

Elective Modules

(at least 78 credits)

Subject Number	Module Code	Credits	Module Name	Semester
10906	712	15	Advanced linear programming (Compulsory for students who have not taken Operations Research as a major subject) (Dept. of Logistics)	1
12318	713	15	Metaheuristics (Dept. of Logistics)	1
10925	742	15	Location of facilities (Dept. of Logistics)	2
10932	743	15	Inventory control (Dept. of Logistics)	2
10931	743	15	Game theory (Dept. of Logistics)	1
11907	786	15	Methods of Operational Research (Dept. of Logistics)	2
10542	782	16	Graph Theory (Dept. of Mathematical Sciences)	2
10748	722	12	Applied time series analysis A (Dept. of Statistics and Actuarial Science)	1

10600	721	12	Multivariate methods in statistics A (Dept. of Statistics and Actuarial Science)	1
10601	751	12	Multivariate methods in statistics B (Dept. of Statistics and Actuarial Science)	2
58777	741	12	Data mining (Dept. of Statistics and Actuarial Science)	2
10440	713	12	Experimental design (Dept. of Statistics and Actuarial Science)	1
64009	714	15	Capita Selecta (Operations Research) (Dept. of Logistics)	1
64009	744	15	Capita Selecta (Operations Research) (Dept. of Logistics)	2
40541	774	15	System Dynamics	Both