## Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
EM 512	Mathematical Programming	1	4	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction   English	
Language of Instruction English	
Course Type Compul	llsory
Course Level Masters	s Degree
mathen quite pi	jective of the course is to familiarize the student with mathematical modeling and the basic tools of matical programming to the extent they can be applied in operational situations. The material is tractical and will prove useful in personal decision making as well as in many types of engineering anagement decisions.
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References	- Hillier, F.S., Lieberman, G.J., Introduction to Mathematical Programming, McGraw-Hill, 1995.
	- Taha, H.A., Operations Research: An Introduction, Tenth edition, Pearson, 2017.

## Theory Topics

Week
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