

BASIC DATA

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|---------------------------------|-----------------------|
| Name of the programme: | Logistics Engineering |
| Degree awarded: | MSC |
| Name of qualification: | Logistics Engineer |
| Field of the programme: | Engineering |
| Branch of the programme: | Logistics Engineering |

| Courses | NEPTUN ID | PRE-REQUISITE (if any) | 1. semester | | | | 2. semester | | | | 3. semester | | | | 4. semester | | | |
|---|-------------------|------------------------|-------------|------------------|--------|---------------|-------------|------------------|--------|---------------|-------------|------------------|--------|---------------|-------------|------------------|--------|---------------|
| | | | LECTURE | PRACTICAL COURSE | CREDIT | REQUIREMENTS* | LECTURE | PRACTICAL COURSE | CREDIT | REQUIREMENTS* | LECTURE | PRACTICAL COURSE | CREDIT | REQUIREMENTS* | LECTURE | PRACTICAL COURSE | CREDIT | REQUIREMENTS* |
| CORE COURSES | | | | | | | | | | | | | | | | | | |
| Numerical Methods and Optimization | GEMAK116-Ma | no | 2 | 2 | 5 | s e | | | | | | | | | | | | |
| Modern Information Technologies | GEIAL551-Ma | no | 2 | 2 | 5 | s e | | | | | | | | | | | | |
| Environmental Management | GEVGT301-Ma | no | 2 | 1 | 5 | s m | | | | | | | | | | | | |
| Intelligent Material Handling Machines and System | GEALT176-Ma | no | 2 | 2 | 5 | s m | | | | | | | | | | | | |
| Industrial Automation | GEVAU303-Ma | no | 2 | 2 | 5 | s e | | | | | | | | | | | | |
| System Engineering and System Modeling | GEGET335-Ma | no | | | | | 2 | 2 | 5 | s m | | | | | | | | |
| Data Structures and Algorithm | GEMAK117-Ma | no | | | | | 2 | 2 | 5 | s e | | | | | | | | |
| Introduction into Datamining | GEIAL529-Ma | no | | | | | 2 | 2 | 5 | s e | | | | | | | | |
| Design of Material Handling Systems and Warehouses | GEALT177-Ma | no | | | | | 2 | 2 | 5 | s e | | | | | | | | |
| Simulation Examination of Logistics Systems | GEALT178-Ma | no | | | | | 2 | 2 | 5 | s m | | | | | | | | |
| Projectmanagement | GTVSM7004Ma | no | | | | | | | | | 2 | 1 | 5 | s m | | | | |
| Quality Management of Logistics Systems | GEALT179-Ma | no | | | | | | | | | | | | 2 | 2 | 5 | s m | |
| SPECIALIZATION COURSES | | | | | | | | | | | | | | | | | | |
| Industry 4.0 and Logistics | GEALT173-Ma | no | 2 | 2 | 5 | s m | | | | | | | | | | | | |
| Mechatronics in Logistics | GEALT196-Ma | no | | | | | 2 | 2 | 5 | s e | | | | | | | | |
| Standard Solutions in Logistics Networks | GEALT182-Ma | no | | | | | | | | | 2 | 2 | 5 | s e | | | | |
| Industry 4.0 Information Systems Modeling and Simulation of Transport Systems | GEIAL550-Ma | no | | | | | | | | | | | | 2 | 2 | 5 | s e | |
| | GEALT197-Ma | no | | | | | | | | | | | | 2 | 2 | 4 | s m | |
| OPTIONAL COURSES | | | | | | | | | | | | | | | | | | |
| Optional subject 1 | | no | | | | | | | | | 2 | 2 | 5 | s m | | | | |
| Optional subject 2 | | no | | | | | | | | | | | | 2 | 0 | 1 | s m | |
| DISSERTATION/THESIS WORK | | | | | | | | | | | | | | | | | | |
| Degree project A | GEALDTA-ML_IpF-Ma | no | | | | | | | | | 0 | 10 | 15 | s m | | | | |
| Degree project B | GEALDTB-ML_IpF-Ma | no | | | | | | | | | | | | 0 | 10 | 15 | s m | |
| OTHER/SPECIAL COURSES | | | | | | | | | | | | | | | | | | |
| Professional Practice (4 week) | | no | | | | | | | | | | | 0 | s r | | | | |

*Requirements: (e)exam/ (m) practical mark/ (s)signature / (r) report/essay