

MIM: in sum from both periods 30 ECTS for TUM as "electives" MMT: in sum from both periods 30 ECTS for TUM as "electives" and/or specialization in Management (OSCM or I&E)

This course catalogue is preliminary and courses can change (September 2023)

Course list DTU fall semester Sep-Dec (25 ECTS) DTU Management Engineering

https://kursen.dtu.dk/search?CourseCode=&SearchKeyword=&Department=42&CourseType=DTU_MSC&TeachingLanguage=

| DTU | | MMT | | | | | | MIM | | |
|---|------|--|----------------------------|---------------------------|--|---------------------------------|-----------------|---------|----------------------------|---------|
| course title | ECTS | Elective in Management and/or Technology | MMT Specialization in OSCM | MMT Specialization in I&E | TUM course | Examiner | WI / MGT Number | ECTS | MIM Elective in Management | ECTS |
| 38106 - Developing an Entrepreneurial mindset through serious gam | 5 | x | | | | | | | x | 5 ECTS |
| 38102 - Technology Entrepreneurship | 5 | | | x | Tech Challenge | UnternehmerTUM (Dominik Böhler) | WI001180 | 6 ECTS | x | 5 ECTS |
| 38105 - Digital Trends for Entrepreneurs | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 38107 - Business Design for Sustainability | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 38108 - Technology and Innovation Management | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 38201 - Entrepreneurial Life Skills | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 38204 - Feasibility Studies | 10 | x | | | Elective in Management and/or Technology | | | 10 ECTS | x | 10 ECTS |
| 42015 - Energy Economics | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 38110 Staging co-creation and creativity | 5 | | | x | Lead User Project | Prof. Henkel | WI000116 | 6 ECTS | x | 5 ECTS |
| 42114 - Integer Programming | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 42115 - Network Optimization | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 42117 - Transport Optimization | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 42178 - Transportation system analysis - demand and planning | 5 | | x | | Module from DTU 1:1 Program | | WI700007 | 6 ECTS | x | 5 ECTS |
| 42577 - Introduction to Business Analytics | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 42879 - Decision Support and Strategic Assessment | 5 | | x | | Module from DTU 1:1 Program | | WI700007 | 6 ECTS | x | 5 ECTS |
| 12772 - Life Cycle Assessment of Products and Systems | 10 | x | | | Elective in Management and/or Technology | | | 10 ECTS | x | 10 ECTS |
| 38103 - X-Tech Entrepreneurship | 10 | x | | | Elective in Management and/or Technology | | | 10 ECTS | x | 10 ECTS |
| 42382 - Industry 4.0 in Operations Management | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 42402 - Sustainable Operations and Supply Chain Management | 5 | | x | | Sustainable Supply Chain Management | Prof. Minner | WI822001 | 6 ECTS | x | 5 ECTS |
| 41637 Mass Customization - application of product configuration | 10 | x | | | Elective in Management and/or Technology | | | 10 ECTS | x | 10 ECTS |
| 41740 Digital Manufacturing - Industry 4.0 | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |

Course list DTU January (5 ECTS) DTU Management E Course list DTU January (5 ECTS) DTU Management Engineering

https://kursen.dtu.dk/search?CourseCode=&SearchKeyword=&SchedulePlacement=January&Department=42&CourseType=DTU_MSC&TeachingLanguage=

| DTU | | MMT | | | | | | MIM | | |
|--|------|--|----------------------------|---------------------------|--|--------------|-----------------|--------|----------------------------|--------|
| course title | ECTS | Elective in Management and/or Technology | MMT Specialization in OSCM | MMT Specialization in I&E | TUM course | Examiner | WI / MGT Number | ECTS | MIM Elective in Management | ECTS |
| 42112 - Mathematical Programming Modelling | 5 | | x | | Stochastic Modeling and Optimization | Prof. Minner | WI000977 | 6 ECTS | x | 5 ECTS |
| 41638 - Complexity Management | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 42502 - Facilitating Innovation in Multidisciplinary teams | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 42500 - Innovation in Engineering | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 38203 - Due Diligence of new Ventures | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |
| 38301 - Module 1: Start-up Exploration | 5 | x | | | Elective in Management and/or Technology | | | 5 ECTS | x | 5 ECTS |