

COURSES IN ENGLISH FOR ERASMUS+ INCOMING STUDENTS
MASTER

| Faculty | Programme | Course Code | Course name | ECTS | Semester W: Winter S: Spring |
|------------------------|------------------------------------|---|---|-------|------------------------------------|
| Graduate School | Forest Engineering 100% English | FE5001 | Writing Scientific Research Projects | 6,5 | W |
| | | GS5002 | Seminar | 6,5 | W / S |
| | | E5002 | Geographic Information Systems | 6,5 | W / S |
| | | FE5003 | Ergonomics | 6,5 | W / S |
| | | FE5004 | Forest fire ecology | 6,5 | W / S |
| | | FE5005 | Usage of Mycorrhiza in Forestry | 6,5 | W / S |
| | | FE5006 | Forest Pathology and Mycology | 6,5 | W / S |
| | | FE5007 | Natural Regeneration Methods | 6,5 | W / S |
| | | FE5008 | Forest Genetic Resources | 6,5 | W / S |
| | | FE5009 | Investment Analysis of Industrial Afforestation | 6,5 | W / S |
| | | FE5010 | Dendrochronology | 6,5 | W / S |
| | | FE5011 | Forest Transportation | 6,5 | W / S |
| | | FE5012 | Remote Sensing Data and Applications | 6,5 | W / S |
| | | FE5013 | Operations Research in Forestry | 6,5 | W / S |
| | | FE5014 | Global Climate Change | 6,5 | W / S |
| | | FE5015 | Soil-plant-water relationships | 6,5 | W / S |
| | | FE5016 | Forests of Turkey | 6,5 | W / S |
| | | FE5017 | Woody Plants Seeds | 6,5 | W / S |
| | | FE5018 | Molecular Methods in Forest Pathology | 6,5 | W / S |
| | | FE5019 | Invasive Forest Pathogens | 6,5 | W / S |
| | | FE5020 | Growth Modelling of Fast Growing Species | 6,5 | W / S |
| | FE5021 | Forest Operations and Technologies | 6,5 | W / S | |
| | Mechatronics Engineering | MCH5031 | Computer Vision | 6,5 | W / S |
| | | MCH5036 | Mobile Computing Systems and Programming | 6,5 | W / S |
| | | MCH5040 | Neural Computation and Control | 6,5 | W / S |
| | | MCH5050 | Wireless Communication Networks | 6,5 | W / S |
| | | MCH5061 | Machine Learning and Data Mining | 6,5 | W / S |
| | | MCH5065 | Pattern Recognition | 6,5 | W / S |
| | | MCH5066 | Formal Control Methods in Robotics and Automation | 6,5 | W / S |
| | | MCH5067 | Deadlock Control Methods in Manufacturing Systems | 6,5 | W / S |
| MCH5068 | | Modelling and Control of Robots | 6,5 | W / S | |
| MCH5069 | | Dynamical Systems Modelling and Control | 6,5 | W / S | |
| MCH5070 | Adaptive Control | 6,5 | W / S | | |
| Mechanical Engineering | MECH5001 | Advanced Engineering Mathematics | 6,5 | W / S | |
| | MECH5005 | Finite Element Method | 6,5 | W / S | |
| | MECH5006 | Combustion Technology | 6,5 | W / S | |
| | MECH5007 | Advanced Topics in Internal Combustion Engines | 6,5 | W / S | |
| | MECH5011 | Smart Materials-Introduction to Auxetic Materials | 6,5 | W / S | |
| | MECH5013 | Small Business Organization For Engineers | 6,5 | W / S | |
| | MECH5016 | Non-Linear Finite Element Method | 6,5 | W / S | |
| | MECH5020 | Thermoelasticity | 6,5 | W / S | |
| | MECH5023 | Advanced Strength of Materials | 6,5 | W / S | |
| | MECH5027 | Fracture Mechanics | 6,5 | W / S | |
| MECH5028 | Elasticity | 6,5 | W / S | | |