

Second year track-elective programme

Accepted track electives

(for students cohort 2016 and later)

[IFEEMCS4250](#) Statistical Learning for Engineers

B&S

Accepted electives B&S tracks in Q1 + Q2

[AR0097](#) Climate proof sustainable housing renovation
AR0880 Real Estate Valuation n/o
[SPM9730](#) Sustainable Innovation and Transitions
[CIE4510](#) Climate Change: Science & Ethics
[CIE5500](#) Water Laws and Organisation

Accepted electives B&S tracks in Q3 + Q4

[WM0637SET](#) Economic Policy for Sustainable Energy
[CIE5510](#) Water Management in Urban areas

ENERGY

Accepted electives Energy track in Q1 + Q2

[AE4T40](#) Airborne Wind Energy
[AP3352](#) Introduction to Nuclear Science and Engineering
[CH3632](#) Chemistry and Physics of Solar Cells
[CH3771](#) Nuclear Chemistry
[ET4103](#) High Voltage Technology
[ET4107](#) Power Systems Analysis II
[ET4117](#) Electrical Machines and Drives
[ET4376](#) Photovoltaic Basics
[GEO5014](#) Geomatics as support for energy applications
ME45000 Advanced Heat Transfer n/o
[ME45001](#) Advanced Heat Transfer
[ME45075](#) Refrigeration & Heat Pumps Fundamentals
[OE44005](#) Introduction to Offshore Engineering
[SET3013](#) Renewable Energy
[SET3070](#) Thermochemistry of Biomass Conversion
[SET3080](#) The Necessity of Storage Technology
[SET3090](#) Fossil-Free Fuel and Feedstock

Accepted electives Energy track in Q3 + Q4

AESM1306SET Geothermal Energy and Applications n/o
[AESM1400](#) Geothermal Energy
[AP3341](#) Nuclear Reactor Physics
[CH3222](#) Energy Storage in Batteries
[CH3513](#) Electrochemistry for renewable energy
[CH3783](#) Materials Chemistry for the Nuclear Fuel Cycle
[CIE5304](#) Waterpower Engineering
[EE4545](#) Electrical Power Systems of the Future
[EE4655](#) Co-simulation of Energy Systems
[ET4377](#) Photovoltaic Technologies
[ET4378](#) Photovoltaic Systems
ME45100 Fuel Cell Systems n/o
[ME45160](#) Advanced Applied Thermodynamics
[ME45165](#) Equipment for Heat & Mass Transfer
[ME45201](#) Electrical Energy Storage I: fundamentals
ME45202 Electrical Energy Storage II: analytical modelling n/o
[ME45203](#) Electrical Energy Storage II: analytical modelling
[OE44076](#) Offshore Renewable Energy
[OE44120](#) Offshore Wind Farms Design
[SET3065](#) Intelligent Electrical Power Grids
[SET3085](#) Hydrogen technology

I&C

Accepted electives I&C track in Q1 + Q2

CS4015	Behaviour Change Support Systems
IN4252	Web Science & Engineering
TPM027a	Cyber Risk Management
SEN9720	Logistics and Supply Chain Innovations
IN4191	Security and Cryptography
GEO1002	Geographical Information Systems (GIS) and Cartography
GEO1003	Positioning and Location Awareness
IN4392	<i>Cloud Computing n/o</i>
ID5311-TB	Design innovation 4.0 in supply networks

Accepted electives I&C track in Q3 + Q4

MOT1531	Digital Business Process Management
IN4315	Software Architecture
IN4185	Globally Distributed Software Engineering
IN4391	Distributed Systems
CS4145	Crowd Computing

T&L

Accepted electives T&L track in Q1 + Q2

CIE4811-18	Planning and Operations of Public Transport Systems
CIE5802-18	Advanced Transport Modelling
CIE5810-19	Traffic Safety
CIE4330	Ports and Waterways
AE4423-20	Airline Planning & Optimization
ME44206	Quantitative Methods for Logistics
TPM028a	Decision making in multimodal transport systems
SEN9720	Logistics and supply chain innovations
SEN9725	Supply Chain Gaming

Accepted electives T&L track in Q3 and Q4

AR0168	People, Movement and Public Space
AE4446	Airport Operations
CIE5803-18	Railway Traffic Management
CIE5805-18	Intelligent Vehicles for Safe and Efficient Traffic: Design and Assessment Innovations in Dynamic Traffic Management
CIE5816	Urban Regions, Transport and Economics