

Second year Track elective programme – Accepted Track electives

If you wish to take a course in the area of your Track (at TU Delft or other universities) that is not mentioned here, you can suggest this course to your Graduation Coordinator.

The Examination Board will decide whether you can indeed take that course as Track Elective.

Check the [study guide](#) for the courses offered by TU Delft.

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
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	<i>Fossil-Free Fuel and Feedstock – not offered</i>

Accepted electives Energy track in Q3 + Q4

AESM1400	<i>Geothermal Energy (discontinued; only exam possibility in 2022-2023)</i>
AP3341	Nuclear Reactor Physics
CH3222	Energy Storage in Batteries
CH3513	Electrochemistry for renewable energy
CH3783	Materials Chemistry for the Nuclear Fuel Cycle
CIE5304	<i>Waterpower Engineering (discontinued; only exam possibility in 2022-2023)</i>
EE4545	Electrical Power Systems of the Future
EE4655	Co-simulation of Energy Systems
ET4377	Photovoltaic Technologies
ET4378	Photovoltaic Systems
ME45160	Advanced Applied Thermodynamics
ME45165	Equipment for Heat & Mass Transfer
ME45201	Electrical Energy Storage I: fundamentals
ME45203	Electrical Energy Storage II: analytical modelling
OE44076	Offshore Renewable Energy
OE44120	<i>Offshore Wind Farms Design - not offered</i>
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 – not offered</i>
ID5311-TB	<i>Design innovation 4.0 in supply networks – not offered</i>

Accepted electives I&C track in Q3 + Q4

MOT1531	Digital Business Process Management
IN4315	Software Architecture
IN4185	<i>Globally Distributed Software Engineering – not offered</i>

[IN4391](#) *Distributed Systems – not offered*
[CS4145](#) Crowd Computing
[TPM030a](#) Introduction to Cloud as Infrastructure: the effects of the new business of computing on practice

T&L

Accepted electives T&L track in Q1 + Q2

[CIE4811-18](#) *Planning and Operations of Public Transport Systems (discontinued; only exam possibility in 2022-2023)*
[CIE5802-18](#) *Advanced Transport Modelling (discontinued; only exam possibility in 2022-2023)*
[CIE5810-19](#) *Traffic Safety (discontinued; only exam possibility in 2022-2023)*
[CIE4330](#) *Ports and Waterways (discontinued; only exam possibility in 2022-2023)*
[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 (discontinued; only exam possibility in 2022-2023)*
[CIE5805-18](#) *Intelligent Vehicles for Safe and Efficient Traffic: Design and Assessment Innovations in Dynamic Traffic Management (discontinued; only exam possibility in 2022-2023)*
[CIE5816](#) *Urban Regions, Transport and Economics (discontinued; only exam possibility in 2022-2023)*