

TIL5060 thesis: Scheduled EXAMS

Course ID	Level	Product	Des/Res	Valorisation	Teams	Single	Manager	Advisor	Supervisor	Grade	Chair	Prep	Proj	Exam	Finished
TIL5050-20	Master		D	x	x		x		x	x	x				178
TIL5060	Master	Thesis	D/R	x		x		x	x	x	x	5	10	3	79
CEE5007	EngD		D/R	x		x	x		x	x	x	6	4		14
ME54035	Master	Thesis	D/R	x		x				x					37
MT54035	Master	Thesis	D/R	x		x				x					3
MADE-TAC	Master	Thesis	D/R	x		x			x	x	x			2	16
AR3CS100	Master		D/R	x	x	x			x	x					1
TIL Website	Master						x								
BSA Cie	Bachelor							x							
															328

[80] Erik Smit, *Testing Production Feasibility after Production Consolidation: Developing a Job Scheduling Model with Stochastic Demand for High Utilization in Make-To-Order Environments*, Nutreco, 20-08-2024, Delft. {Logistics / Facility location}

[81] Zipporah Gerstenbluth, *System Levelized Costs of Hydrogen, Case study for the production process of ZEF*, 23-08-2024, Delft. {Sustainable energy production / Logistics}

[82] Bart Szarszewski, *Predictive Analysis of Defective Materials: A Case Study at ASML*, 26-08-2024, Delft. {Reverse logistics}

TIL5060 thesis: Ongoing PROJECTS

[Logistics]

Yannick Hogers, *Assessing the impact of charging operations on Electric lift automated guided vehicles. A simulation study at APM Terminals MVI*, Delft. {Asset management / Container terminals / Emerging technologies / Fuels}

Ivar Krijger, *Modelling the optimal inventory distribution of cocoa beans between warehouses for a cocoa bean supply chain: a case-study at Cargill*, Delft. {Logistics}

Mayke van der Kroft, *Inland Shipping Optimization for Heineken Exports through the Port of Rotterdam*, Delft. {Logistics}

Wouter Diebels, *Automating Conceptual Warehouse Design: A Model-Based Approach*, Districon, Delft. {Logistics / Warehouse design}

Hugo Vaartjes, *Reverse logistics*, Riedel Logistics, Delft. {Reverse logistics}

Joris Schuurin, *Optimizing Empty Container Repositioning*, A Case Study of Royal FloraHolland's Logistics, Delft. {Logistics}

Stijn Küppers, *Forecasts and storage optimization*, project for Hapag-Lloyd, Delft. {Logistics}

Bruno Nijdam, *Optimizing Baggage Distribution for Peak Shaving at Amsterdam Airport Schiphol*, Delft. {Logistics}

Bilal Abou Hashish, *Analysis & Optimization of Inter-Island Logistics, Case Study for End-to-End Maritime Motorcycle Supply Chain in Indonesia*, project for STC / PT Pelindo Multi Terminal, Delft {Port economics / Logistics}

[Smart maintenance]

Khalid Asshab, *Optimising Maintenance strategies for insulated joints; comparison study of conventional strategies and feasibility study towards new alternative maintenance strategies. A case study at Asset Rail, Delft.* {Maintenance / Railway engineering}

[Sustainability]

TIL5060 thesis: Kick-off planned

TIL5060 thesis: Preparation

Harald Rensink, Tata Steel, Delft. {Rail logistics}

Margot van Eck, Delft.

Pien Biersteker, waste management, Sweco, Delft.

Pauline Slieker, KLM E&M, Delft.

TIL5060 thesis: Initial discussion

Yolande Muris, Medicine logistics, Delft. {Logistics}

LR-SAT thesis: Preparation

Klaas Sicking, {Logistics}, Delft.

MSc graduates

- [79] Katharina Berger, *Transforming from a paper-based to a digital delivery process, A Study at Coca-Cola Europacific Partners*, 10-06-2024, Delft. {Logistics / Digital supply chain}
- [78] Sven Donders, *Sustainable Last-Mile Logistics: Designing Reliable and Cost-Effective CO2-Neutral Delivery Solutions*, 21-05-2024, Delft. {Sustainable transport / Asset management / Logistics}
- [77] Jelle van Leeuwen, *Supply chain procurement performance evaluation, A case study on Heineken*, 11-04-2024, Delft. {Supply chain management / FMCG}
- [76] Wisse Koopal, *Redesign of the Car Distribution Process: a Dutch case study. A Holistic Approach in a Capacitated Vehicle Routing Problem to Reduce Direct CO 2 Emissions*, project for Pon Automotive, 27-03-2024, Delft. {Supply chain management / automotive logistics}
- [75] Anouk Gerritsen, *Creating a continuous outbound flow at the flower auction. A case study at Royal FloraHolland Naaldwijk*, project for Royal Flora Holland, 05-03-2024, Delft. {Supply chain management / Flower logistics}
- [74] Thomas van Muiden, *Strategic Development for the Port of St. Eustatius: A Study on the Potential Role of Privatisation*, 11-01-2024, Delft. {Port development / Privatization}
- [73] Machteld Rouwé, *improving decision-making to reduce downtime caused by equipment breakdown during offshore wind installation projects*, project for Heerema (HES), 21-12-2023, Delft. {Logistics / Maintenance / Sustainable energy}
- [72] Koen Schukinck Kool, *Stacking yard process optimization in prefab concrete pile manufacturing, A simulation-based case study at Voton*, 7-12-2023, Delft. {Yard management / Scheduling}
- [71] Lars van Biezen, *An assessment of the compatibility between the Flying V design and the airport turnaround process*, 29-11-2023, Delft. {Airport operations / Emerging technologies}
- [70] Manuela Hooghwerff, *Design of an Information System for a Control Tower to optimally Orchestrate Transport Orders*, project for NedCargo, 1-11-2023, Delft. {Logistics / Information / Warehouse management}
- [69] Emmeline Batenburg, *CO2 reduction in construction of infrastructure projects by changes in the design: A case study on a bridge of Rijkswaterstaat*, project for PwC, 9-10-2023, Delft. {Infrastructure planning / Environmentally sustainable design}
- [68] Susanne Zaal, *Improving the inbound system at fulfillment centers. What strategies can be designed to eliminate non-unloaded rejected trucks at fulfillment centers?*, 27-9-2023, Delft. {Logistics / Trucking / Warehouse management}
- [67] Pieter Clemens, *To tow or not to tow? A social cost-benefit analysis of engine-off dispatch aircraft towing at Amsterdam Airport Schiphol*, project for KLM, 28-08-2023, Delft. {Airport operations / Emerging technologies}
- [66] Tijn Veen, *Understanding the environmental impact of product returns in the fashion industry, The development of a Composite Indicator to provide insights into*
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the environmental and economic performance of product returns for fashion companies, project for Metyis, 11-07-2023, Delft. {Logistics / Sustainable fashion}

[65] Tim Elbers, *Design of a multi-attribute inventory classification method for fast-moving consumer goods, A case study at Heineken Nederland Supply*, 21-06-2023, Delft. {Logistics / Inventory strategies/ FMCG}

[64] Daan Duthilh, *Reduce idle time for automated storage and retrieval systems, A Coolblue Case Study*, 07-06-2023, Delft. {Logistics / Warehouse automation / Information}.

[63] Thomas Teunisse, *The potential of autonomous charging for EV fleet operators*, project for RocSys, 20-04-2023, Delft. {Asset management / Container terminals / Emerging technologies / Fuels}

[62] Maikel Blom, *Potential of the E-Pusher as Transport Mode in the Dutch Carbon Capture and Storage System*, project for Kotug, 22-12-2022, Delft. {Sustainable barge transport / Maritime innovations}

[61] Rinke Jebbink, *The design of a 'water droplet'-based ufp mitigation system at airports*, project for Schiphol Group, 20-12-2022, Delft. {Airport operations / Emerging technologies}

[60] Mike van der Meer, *Machine learning applications in supply chain management: A case study at MPO*, 08-12-22, Delft. {Supply chain management / Big data analytics}

[59] Laurens Gerlach, *Research on improving quay crane performance by predicting its cycle time taking the location of the (un-)loaded containers into account, A case study at APM Terminals Maasvlakte II*, 31-10-2022, Delft. {Container handling / Optimization}

[58] Daan Emmerig, *Towards sustainable logistics by evaluating the performance of carbon reduction strategies using a backcasting approach*, project for Heineken HNS, 24-10-2022, Delft. {Sustainable logistic strategies} /Cum Laude/

[57] Arthur van Bruggen, *Integrated inventory and warehouse operations model of aviation standard parts under a cap-and-trade policy*, project for Fokker Services, 10-10-2022 Delft. {Inventory management / Sustainable parts handling}

[56] Teddy de Jong, *Steering on mobility hubs: exploring the potential of an adaptive policy to guide the development of mobility hubs towards societal goals*, project for TNO, Delft, 26-09-2022. {Smart mobility}

[55] Marinke Ziedses des Plantes, *ZeroEmission Airside 2030 Backcasting Study at Rotterdam The Hague Airport*, Delft, 15-09-2022. {Airport development / Emerging technologies}

[54] Jonathan Imang, *Design and assessment of public transport policies for Greater Paramaribo*, Delft, 01-08-2022. {Public transport / Network optimization}

- [53] Willem-Jan Eil, *The Impact of Order Characteristics Uncertainty on Different Configurations of the Outbound Logistics of a 3PL Warehouse*, study for NedCargo, Delft, 01-06-2022. {Logistics / DC design simulation}
- [52] Claire Post, *Towards optimized customer segmentation parameters to reduce Cost-to-Deliver and Environmental Costs*, A Case Study on Royal Philips, Delft, 06-04-2022. {Logistics / Service optimization}
- [51] Christine van Diemen, *Flash deliveries: value adding business model or societal nightmare? A qualitative research on the effects of flash delivery on the livability of Amsterdam*, study for Deloitte, Delft, 30-03-2022. {Logistics / Livability impact}
- [50] Michiel Roos, *Managing car traffic by smart mobility hubs, towards effective policy making*, Delft, 29-03-2022. {Traffic management concepts}
- [49] Michiel Nanninga, *Export costs and service conditions in times of a global container shortage*, A case study for Heineken Netherlands Supply, Delft, 15-03-2022. {Logistics / Asset management / Finance}
- [48] Andrian Supryanto, *Redesign of reverse supply chain strategies for returnable packaging*, A case study at Prysmian Group The Netherlands, Delft, 23-12-2021. {Reverse logistics / Asset management}
- [47] Jet Dijkzeul, *Exploring the reduction of lost parcels in the logistic chain*, A case study at Bol.com, Delft, 16-12-2021. {Logistics / Lost parcels}
- [46] Jules Boelhouwer, *Towards an optimal distribution of lease bicycles*, A case study at Swapfiets, Delft, 02-12-2021. {Logistics / Asset management}
- [45] Erik Hadders, *Incorporating interdependence into a decision support framework for the renewal of hydraulic infrastructure*, A case study at Zoutkampstudy for TAUW, Delft, 2-12-2021. {Water management / Asset management}
- [44] Israe Chetouani, *Exploring integrated hubs*, An exploratory study into the possibility of allocating logistics functions to mobility hubs, study for AT Osborne, Delft, 29-11-2021. {Logistics concepts} – TRB congress paper.
- [43] Hidde van Wezel, *Conceptual Design of a Parcel Hub Scheduling Process to Balance the Inbound Transportation Flow*, a casestudy at DPD Veenendaal, Delft, 16-11-2021. {Logistics / Scheduling}
- [42] Quirine van Rooyen, *Towards a zero defect based assembly warehouse*, A case study at DHL Supply Chain Bergen op Zoom, Delft, 26-08-21. {Logistics / Assembly / Performance}
- [41] Anne van Langevelde, *Designing a strategic process performance measurement system for the Dutch Flower Auctions*, study for Royal Flora Holland, Delft, 24-08-21. {Logistics / Performance / Management}
- [40] Julius Scheepens, *Modelling the optimal customer-allocation in an edible oil supply chain network*, A case-study at Cargill's fully refined rapeseed oil network in Western-Europe, Delft, 26-05-21. {Logistics / Food / Finance}
- [39] Vittorio Mandolesi, *Evaluating transport and warehousing costs savings opportunity through direct delivery implementation in a supply chain distribution*

structure with DCs: Case study at Philips coffee business, Delft, 26-05-21. {Logistics / Non-food / Finance}

[38] Peter Joon, *Improving on-site logistics, The case of the on-site transportation planning of Tata Steel IJmuiden*, study for ORTEC. Delft, 15-12-2020. {Logistics / Planning}

[37] Stefan van Lier, *Optimizing solid waste management in theme parks, A case study at Efteling*, Delft, 04-11-2020. {Waste management / Sustainability}

[36] Max Buirma, *Ship based carbon capture storage and utilisation, A roadmap towards implementation for large LNG powered offshore vessels*, study for Heerema Contractors, Delft, 29-10-2020. {Sea shipping / Fuels / Sustainability} – Journal paper: energies-15-00813-v2

[35] Frank Heins, *Freight traffic on the Dutch railway network in 2030 and 2040*, study for DB Cargo Nederland, 29-09-2020. {Rail freight network analysis}

[34] Joost de Graeff, *Determining the feasibility of a new airport passenger terminal concept based on seamless flow technology, Mixing domestic and international passengers in passenger terminal facilities*, study for NACO, Delft, 20-08-2020. {Airport operations optimization}

[33] Ward de Jong, *Towards smart transport infrastructure, A concept roadmap to implement smart transport infrastructure for movable bridges in the Netherlands*, study for Witteveen + Bos, Delft, 17-08-2020. {Asset management / Infrastructure planning}

[32] Iris Vendrik, *Strategies to regulate inbound logistics at convention centers, A case study of the RAI Amsterdam*, Delft, 01-07-2020. {Logistics / Area management}

[31] Tugba Uzel, *Information sharing and collaboration between the logistic partners of intermodal rail transport*, study for Port of Rotterdam Authority, Delft, 25-06-2020. {Port rail logistics / Cooperation}

[30] Willemijn van der Elst, *Towards continuous flow in production lines, A case study at Heineken Zoeterwoude*, Delft, 13-05-2020. {Logistics optimization}

[29] Jacob Thijssen, *How can financiers improve the carbon efficiency of their shipping portfolios. Case study at NIBC Bank*, Delft, 31-11-2019. {Sea shipping / Sustainability / Finance}

[28] Thomas Mulder, *How to increase local value added and make the supply chain of cashew nuts more sustainable*, study for TDG, Delft, 11-07-2019. {Logistics / Food / Sustainability}

[27] Tim van Rugge, *A-Pier Clean VOP Developing a strategy for on-time cargo delivery to the aircraft under clean apron conditions*, study for KLM Cargo, Delft, 24-06-2019. {Airport development}

[26] Jasmijn Kusters, *Exploring improved maintenance strategies of (rgs) at the intersection of principal-agent theory and economic relevance: A case study*, Delft, 09-05-2019. {Public transport / Asset management / Maintenance}

- [25] Ilias Bouhannouche, *Evaluating the operational and financial feasibility of battery-electric AGVs at brownfield container terminals*, study for ECT, Delft, 07-02-2019. {Container handling / Asset management / Sustainability}
- [24] Evangelos Giannoulakis, *Optimizing Packaging Availability for Reverse Logistics, A case study at ASML*, Delft, 10-12-2018. {Reverse logistics / Maintenance}
- [23] Dioeke Tromp, *Airside vehicles: Roads to CO2 reduction The design of an Emission-Prediction-Decision Model (EPDM)*, Delft, 12-11-2018. {Airport / Asset management / Sustainability}
- [22] Thomas van der Heijden, *Supply Chain Design for Heineken Flexbrewery*, Delft, 22-10-2018.
- [21] Hadassa Stevens, *Towards an adequate methodology for GHG emissions accounting in logistics, A case study at Heineken*, Delft, 1-10-2018. {Logistics accounting / Sustainability}
- [20] Hester Horn, *Decision support system design by means of a Customer Relationship Management strategy, Application in the retail banking industry*, Delft, 16-08-2018. {Financial decision-making}
- [19] Rutger van Ouwerkerk, *Environmental network optimisation using Physical Internet logistics in the parcel delivery industry*, study for Post.nl, Delft, 31-07-2018. {Logistics / Sustainability}
- [18] Wouter Cordesius, *Improve distribution network of BMN Bouwmaterialen*, Delft, 25-04-2018. {Logistics network optimization}
- [17] Harmen Scholvinck, *Outbound logistics at Lidl DC, What process improvement can be implemented to achieve higher productivity?*, Delft, 18-04-2018. {Logistics improvements}
- [16] Joke Blom, *Optimizing the track and traceability of packaging materials, a case study at Heineken HNS*, Delft, 22-01-2018. {Logistics optimization}
- [15] Rex van Damme, *Product allocation strategies in a saturated distribution center, Case study at the L'Oreal distribution center (Alphen a/d Rijn)*, Delft, 29-11-2017. {Logistics}
- [14] Max Mol, *Design of an End-State Cross Docking Hub for a Pure Online Grocer, A case study at Picnic Supermarkets*, Delft, 23-10-2017. {Logistics network / Customer-driven}
- [13] Simone Rietbroek, *A service level optimization - A case study at HEMA logistics*, Delft, 17-10-2017. {Logistics optimization}
- [12] Anna Simons, *Strategic positioning of the customer order decoupling point in a project based organization*, study for Vanderlande, Delft, 27-09-2017. {Logistics decision-making}
- [11] Katharina Peer, *The impact of pre-sorting and conveyor configuration on material flow performances at a parcel hub, A case study at TNT Express*, Delft, 26-06-2017. {Logistics / DC technology}

- [10] Robin van der Sande, *Analysis of filler dwell time and the financial consequences for Euro Pool System*, Delft, 09-05-2017. {Logistics / Asset management / Finance}
- [9] Joris Jacquemijns, *Improving the lead-time for ACD products in the distribution center of L'Oreal located in Alphen aan den Rijn*, Delft, 23-03-2017. {Logistics optimization}
- [8] Jaap van der Steenhoven, *Optimizing Logistic Flows at Action DC Echt*, Delft, 04-10-2016. {Logistics optimization}
- [7] Dino Ramic, *CTT Rotterdam case study: development and improvement of the tri-modal inland container terminal at Rotterdam*, Delft, 28-09-2016. {Container terminal development}
- [6] Anniek de Milliano, *A supply concept for the delivery process of nanostores at NS train stations*, Delft, 18-08-2016. {City logistics}
- [5] Nadezda Iakovleva, *Development of impact assessment methodology for sustainable city logistics initiatives: case of SMARTFUSION project*, Delft, 2015. {City logistics / Sustainability}
- [4] Daphne Kerpel, *Analysis of main factors in site selection for Distribution Centers in a port area and the hinterland*, Delft, 22-06-2015. {Logistics / DC location choice}
- [3] Celenie Piccot, *Influence of the performance of hinterland transportation in port choice decision making*, Delft, 08-01-2014. {Freight transport / Hinterland}
- [2] Roger Peeters, *Green City Distribution*, Delft, 2013. {City logistics}
- [1] Erik Altena, *Optimization of modal shift and empty container repositioning at Maersk Line*, Delft, 08-04-2013. {Freight transport / Empty container management}
-

MSc Thesis advisor 2013+

Msc TIL

Neal de Vreede, *Improving performance of cargo acceptance process at Air France - KLM Cargo*, Delft, Delft, 09-03-2017. {Air freight handling}

Msc Strategic Product Design / IDE

Melanie Rumpf, *An innovation approach towards sustainable mobility in 2035, creating strategy for Embraer*, September 2019. {Aviation / Sustainability}

Bsc Thesis advisor 2013+

Kirsten Cordula Wittig, *met de TEN naar de grens en weer terug? Problematiek rond de grensoverschrijdende infrastructurele projecten Betuweroute en de hogesnelheidslijn*, Bachelor scriptie Planologie, Universiteit van Amsterdam, 23-06-2013. {Cross-border rail freight services / Bottlenecks}

CIE4040-09 Internship supervisor 2015-2022

16-07-24

[4] Tijn Voorkamp, *Privatization/commercialization of the air- and seaport*, Directorate of Transport, St. Eustatius, 25-07-2022. {Air-, sea transport / Finance / Regulation / Policy-making}

[3] Matthijs Baurichter, *Feasibility measurement model for rail PPS in developing countries*, UIC, Paris, 26-07-2019. {Rail transport / Finance / Regulation / Policy-making}

[2] Niek Meurs, *Production Plan for High Speed Craft*, Damen Shipyards, Antalya, 18-10-2016. (Ship design)

[1] Neal de Vreede, *Unilever Benelux Supply Chain software migratieprocessen*, 12-05-2016. {Logistic software development}
