Application Form – Operations Management and Logistics

If you applied for the master program Operations Management and Logistics, tracks Data Intensive Industries, Capital Goods, Consumer Goods, Service Operations or Transportation, you have to complete this form on your pc and then print it out. If you are unable to do this, please write **very clearly.**

If you don’t have enough space on this form, please feel free to enclose extra attachment(s).

Personal Data

Family name (surname):

First name(s): 

University education

Degrees: ⬜ Bachelor

 ⬜ Master

⬜ Other: 

Name of university: 

Address: 

Period of study: 

Main Field: 

Date of Completion: 

Grade point average:  %

List of examination results

Examination subject: 

 

 

 

 

 

 

 

Please enclose a summary of the final project/assignment of your bachelor/master study, and indicate credits, grade and workload (attachment 1)

In order to be admitted to the Master program Operations Management and Logistics, we require a Bachelor degree (or equivalent) in Industrial Engineering or a related discipline, such as Systems Engineering, Operations Research, Operations Management, or Mechanical Engineering with Industrial Engineering specialization.

We strictly require all applicants to have acquired proficiency in Calculus, Probability, and Statistics in their previous education.

Furthermore, in your previous education you should have gained knowledge in the following areas:

* Operations research
* Production and inventory control
* Financial and management accounting
* Data and process modeling
* Work and organizational psychology.

If you lack knowledge in at most three of these five areas, we may still admit you and require you to follow deficiency courses here. In order to be able to assess your proficiency in these areas, we ask you to include in your application a clear statement for each of these five areas specifying which courses you have taken, which topics you have covered, and which textbooks (and/or other material) you have studied.

In particular, please make sure that you demonstrate knowledge in the following topics:

* Operations research: Linear programming, discrete and continuous time Markov chains, Poisson process, renewal processes, queueing systems.
* Production and inventory control: Forecasting, deterministic inventory models, lot sizing, stochastic inventory models, aggregate production planning, material requirements planning, scheduling, due date assignment and control.
* Financial and management accounting: Double entry bookkeeping, balance sheet and income statement, accounting conventions, cost estimation, activity-based costing, joint products and process costing, profit planning and budgeting.
* Data and process modeling: UML class diagrams, ER diagrams, or class design in an object oriented programming language; process modelling notation, behavioral modelling using algorithmic and programming languages.
* Work and organizational psychology: Basic concepts and insights in the domains of organizational psychology, human decision-making, work psychology, and personnel psychology; basic models pertaining to human behavior in work situations; and research methods used in these domains.

**Please specify the obtained knowledge in above mentioned domains very clear in attachment 2.**

Declaration

The undersigned declares to have filled in this form truthfully and wished to be enrolled at the TU/e application process.

Place:

Date: Signature:

Motivation

Briefly state (in one A4) your motivation and interest in this MSc study, doing this study abroad, and/or in the Netherlands in particular and doing this study at het TU/e specifically. Please attach this A4 to this application form. (attachment 4)

Rank three examples of MSc thesis topics that would be of interest to you. Please explain your interests.

1. 



1. 



1. 



Work/Professional experience, which is relevant for the application ( or attachment 3)

Period of work Position Firm/organization Nature of work

   

   

   

   

Did you visit other countries in the course of your studies ⬜ Yes ⬜ No

If yes, when was this and what was the purpose?

