

# Chair for Quantitative Business Administration

## Roads to a Master Thesis

4th March 2020

This document provides a guideline for writing a Master Thesis at the Chair of Quantitative Business Administration.

### Step 1 - Select a Topic

In Step 1 you have two options: You can either select one of our provided topics or suggest an own idea for a thesis that fits to the research interests of a supervisor at our chair.

#### Option A - Select a Provided Topic

Please select a list from the PDF **Topics for a Master Thesis**.

#### Option B - Suggest an Own Idea

Please suggest an own idea for a thesis, which fits to the research interests of a supervisor at our chair shown in this list:

##### **Jasmin Maag – [jasmin.maag@business.uzh.ch](mailto:jasmin.maag@business.uzh.ch)**

Jasmin's research interest lies in time series methods, and applied empirical methods. She can support you in Mathematica, Python, and R.

##### **Maik Meusel – [maik.meusel@business.uzh.ch](mailto:maik.meusel@business.uzh.ch)**

Maik's reserach interests lie in computational economics, mechanism design, and Big Data analytics. He can support you in Wolfram Language (Mathematica).

##### **Philipp Müller – [philipp.mueller@business.uzh.ch](mailto:philipp.mueller@business.uzh.ch)**

Philipp's research interest lies in time series methods, structural models, dynamic discrete choice models and structural estimation. He can support you in Python, C++, Matlab, OpenMP and MPI.

**Robert Erbe – robert.erbe@business.uzh.ch**

Robert's research interests lie in time series methods, risk management, and portfolio optimization. He can support you in Matlab and Mathematica.

**Vanessa Kummer – vanessa.kummer@business.uzh.ch**

Vanessa's research interest lies in how machine learning can be used in business and economics. She can support you in R and Python.

## **Step 2 - Contact your Supervisor**

In Step 2 you contact your potential supervisor via Email. Provide your motivation to write the thesis with our chair and the respective supervisor. In addition please mention some relevant classes that you have attended. For Option A the supervisor will provide additional information about the topic. For Option B please provide a rough sketch of your topic (at least half a page) when you contact a potential Supervisor. The supervisor will help you clarifying the topic.

## **Step 3 - Write a Proposal**

In step 3 you have to write a proposal of at least three pages following the guidelines listed in the template **Thesis Proposal**.

## **Step 4 - Proposal Feedback and Potential Revision**

In step 4 the supervisor provides feedback and potentially requests a revision of the proposal.

## **Step 5 - Official Registration**

After the supervisor accepted your proposal you can start working on your thesis and we will officially register the thesis via OLAT.