Master Projects
VU-UvA Information Sciences

NETWORK INSTITUTE

VU

UNIVERSITY OF AMSTERDAM
Master Project Schedule

• Period 3: Thesis Design
  – 6 ECTS
  – Thesis Design Presentations - 1 week of Feb

• Period 4-6: Master Project
  – 18 ECTS
  – Some flexibility in scheduling
    • 12 ECTS in Period 5
    • 12 ECTS spread over periods 4 and 5
  – Final Thesis Presentations - July
Information Sciences Master

Some remarks

1. In general you cannot do your Master Project at the company you already work for.
2. A Master Project IS consists of 18 ects and 6 ects literature research (Thesis Design) this is approximately 4 months of work. If there is an interruption of more than 3 months the project will be considered failed.
3. The Master Project has to be written in English. You have two options of reporting your work on your thesis. [1] a ACM style article approx. 15 pages plus appendices or [2] regular style thesis report.
4. The checkpoints above are derived from the general guidelines for the Master Project within the department of Computer Science.
5. At the end of the Master Project you give a final presentation in the Intertain Lab at VU. Practical information can be found here
6. When you are finished with your project please upload your thesis document on the wiki and check finished box.

Master Project Guide

- The assessment
- The basic principles
- The phases
- Mid-term and Final Presentations
- Master Project Assessment Form

Overview of Masterprojects

Click on one of the pages below to get an overview of current and past projects, and to register your own project.

- Information Sciences
Possible supervisors

- Anton Eliens (http://www.cs.vu.nl/~eliens/multimedia)
- Berend Weel (http://www.few.vu.nl/~bwl400/)
- Chris Dijkshoorn (http://www.few.vu.nl/~cdn370)
- Chris van Aart (http://www.cs.vu.nl/~vanaart)
- Corrado Boscarno (http://www.few.vu.nl/~cbo210)
- Davide Ceolin (http://www.few.vu.nl/~dceolin)
- Dena Tahvildari (http://www.cs.vu.nl/~tahvildari)
- Gusztai Eiben (http://www.cs.vu.nl/~gusz/)
- Guus Schreiber (http://www.cs.vu.nl/~guus/)
- Hajo Reijers (http://www.reijers.com)
- Hans Akkermans (http://www.cs.vu.nl/~hansa/)
- Hans van Vliet (http://www.cs.vu.nl/~hans/)
- Jaap Gordijn (http://www.gordijn.org/)
- Jacco van Ossenbruggen (http://homepages.cwi.nl/~jrovers/)
- Jan Wielemaeker (http://www.cs.vu.nl/~jwielemaeker)
- Jesper Hoeksema (http://www.cs.vu.nl/~jesperhoeksema)
- Laura Hollink (http://www.cs.vu.nl/~laurah/)
- Lora Aroyo (http://lora-aroyo.org)
- Marcel Worringer (http://www.auc.nl/news-events/content/faculty/hum/worringer-marcel)
- Martine de Vos (http://martinedevos.wordpress.com/)
- Maryam Razavian (http://www.s2group.cs.vu.nl/?page_id=271)
- Michel Klein (http://www.cs.vu.nl/~mcklein/)
- Michel Hildebrand (http://www.few.vu.nl/~michielh/)
- Nelly Condori Fernandez (http://www.s2group.cs.vu.nl/people/dr-nelly-condori-ferr)
- Niels Ockeloen (http://www.nielsockeloen.info)
- Patricia Lago (http://www.cs.vu.nl/~patricia/)

Open project proposals

- A design methodology for clinical workflows
- A systematic review on the effectiveness of defect management strategies/techniques
- A video editing game for shot type classification
- Adding a spatial dimension to food consumption patterns
- Applying agile to large projects
- Automatic interpretation of scientific spreadsheets
- Calibration and Validation of a Data Quality Model
- Cloud-based service design: getting to the core
- Copyright checker / calculator
- Design of Service Networks to support Social Communities
- Designing a reference economic model for Cloud Selection
- E3value and multichannelmarketing
- Educational support in a video tagging game
- Extended Provenance Visualization
- Extracting Historical Social Networks: mining BiographyNet
- Find the Clue: Identify terms in text
- Find the Matching People and Locations
Master Project Timing

• It’s time to think about your thesis subject
• You need to have a thesis advisor by **Dec 15:**
  – Explore topics/projects at MP Wiki
  – Speak with MSc coordinator
    • **HCM & Web & Media:** Lora Aroyo /Frank Nack
    • **BIS:** Hajo Reijers / ???
  – Request a meeting via email to Mojca Lovrencak
  – m.lovrencak@vu.nl
Master Project Types

• **Internal:**
  – typically in ongoing research project

• **External:**
  – VU/UvA staff member as a supervisor
  – avoid conflict of interest if you have are employed
  – MSc project is a scientific and **NOT** development project
Master Project Thesis Design

• Select a subject that motivates you 101%

• Literature study
  – IF no literature THEN not an appropriate topic

• Research plan
  – Problem statement + context (research project, company, domain)
  – Research questions
  – Approach: choice of research methods
  – Plan: proposed timeline

• Upload Thesis Design
• Carry out plan
• At least bi-weekly meeting with supervisor(s)
• **You are in charge!**
  – Prepare issues to discuss
  – Send progress reports
  – Make notes

• **Document sharing while you go along:**
  – Dropbox, GoogleDrive, etc.
  – Thesis is not written at the end
Master Project Presentations

• Your choice
  – Report
  – ACM-style research article

• Presentation
  – At university
  – At company, if external
  – Feb: Thesis Design
  – July: Final Thesis

• Upload Thesis & Presentation
Master Project Assessment

• **Assessors**
  – Supervisor: VU/UvA staff member
  – Second Reader: VU/UvA staff member
    • keep second reader in loop from beginning
  – Advice from external supervisor, if applicable

  – Quality of research
  – Team work
  – Presentation
  – Independence, initiative