Master Projects
VU-UvA Information Sciences
Who are we

Master Project Coordinators

Henrik Leopold (BIS)
h.leopold@vu.nl
T-444

Victor de Boer (Web&Media)
v.de.boer@vu.nl –
U 350
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

Wiki of the Thesis design and Master project Information sciences.
This wiki page offers information for the master students on how to participate and complete the mandatory Master project.

Contents [hide]
1 Thesis Design and Master project courses
2 Orientation
   2.1 Choosing a subject
   2.2 Make an appointment with a Master Project Coordinator
   2.3 Make an appointment with your supervisor
   2.4 Register your project
3 Thesis design
   3.1 Timelina Thesis design
   3.2 Requirements for UvA students
4 Master project
5 Some remarks
6 Links with helpful information
7 Contact and feedback

Thesis Design and Master project courses

The Master project which is mandatory for all students consists out of two courses that both have to be completed. The courses are:

- Thesis Design (Code: X_405087)
- Master Project Information Sciences (Code: X_405063)

There are a number of phases that the students will have to go through in choosing and participating in a project:

- Orientation
- Thesis design
- Master Project

Further information about the requirements and obligations in these different phases will be given in the following section.

Orientation

Choosing a subject
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 Boscaino (http://www.few.vu.nl/~cbo210)
- Davide Ceolin (http://www.few.vu.nl/~dceolin)
- Dena Tahvildari (http://www.cs.vu.nl/~tahvildari)
- Gusztai Iben (http://www.cs.vu.nl/~iben)
- 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/~jvoss)
- Jan Wielemaker (http://www.cs.vu.nl/~jwielemaker)
- Jesper Hoeksema (http://www.cs.vu.nl/~jhoeksema)
- Laura Hollink (http://www.cs.vu.nl/~laurah)
- Lora Aroyo (http://ora-royo.org)
- Marcel Worring (http://www.auc.nl/news-events/content/faculty/hum/worring-marce)
- 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)
- Michiel Hildebrand (http://www.few.vu.nl/~michielh)
- Nelly Condori Fernandez (http://www.s2group.cs.vu.nl/people/dr-nelly-condori-fer)
- 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: Victor de Boer h.leopold@vu.nl
    • BIS: Henrik Leopold v.de.boer@vu.nl
  – Request a meeting via email
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 proposal (4 pages)
  - State of the art of the literature
  - A clearly defined research problem and question
  - Project plan (how?)
  - Methodology
  - Timeline
- Upload Thesis Design
Master Project Thesis Design

• Two meetings
  – After two weeks, to discuss progress
  – After four weeks, final presentation
Grading by supervisors
research design (75%)
presentation (25%)
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 (approx. 15 pages)

• 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
Requirements for UvA students

• As of this academic year (2015/2016), we will require UvA students to follow the course 'Thesis Design' in case they wish to carry out their master project under the guidance of a VU supervisor.