

# GUIDELINES FOR BACHELOR PROJECT CS

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## Agenda

- Objectives
- Place in the curriculum
- Prerequisite
- Time schedule
- Find a project and a supervisor
- Supervision
- Lectures
- Deliverables
- Grading
- Canvas
- Summary (timeline)

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## Objectives

- to describe a problem from the CS domain,
- to find and select relevant scientific literature,
- to formulate a relevant and academically sound research question,
- to develop a research design,
- to carry out a research study,
- to give a critical reflection on both the scientific and practical contributions, as well as on your research limitations,
- to report on your research for a scientific audience (both written and in an oral presentation).

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## Place in the curriculum

- Period 5 & 6 of 3<sup>rd</sup> year
- Credits: 15 ECTS

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## Prerequisite

- $\geq 150$  ECTS

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## Time schedule

Activity	Duration in weeks
	15 ECTS
Starting and literature study	1
Work execution and analysis	7.5
Thesis and oral presentation	2
Total	10.5

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## Find a project and a supervisor

- Website of the research group  
<http://www.cs.vu.nl/en/research>
- Read the project descriptions
- Contact the corresponding person (researcher, professor, PhD student)
- Fill in the online form  
<https://goo.gl/forms/Yz5RLDsdixto8sw2>
- Note: internship at a company is possible

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## Online form

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**Email address \***

Your email

**Full name \***

Your name

**In which year did you register with the VU? \***

Your answer

**Name supervisor 1 \***

Your answer

**Name supervisor 2 / Second reader**

Your answer

**Title of your project \***

Your answer

**Name of research group (section) \***

- ☐ High Performance Distributed Computing (Section CS)
- ☐ Systems & Security (Section CS)
- ☐ Systems and Network Security (Section CS)
- ☐ Massively Parallel Systems (Section CS)
- ☐ Behavioural Informatics (Section AI)
- ☐ Computational Intelligence (Section AI)
- ☐ Knowledge Representation & Reasoning (Section AI)
- ☐ Bioinformatics (Section BI)
- ☐ User Centric Data Science (Section UCD)
- ☐ Software and Services (Section MSE)
- ☐ Business Informatics (Section MSE)
- ☐ Theoretical Computer Science (Section TCS)
- ☐ Other

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## Supervision

- Staff member
- Second reader
- Arrange appointments for progress
- Use planner

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## Lectures

- Literature study (April)
- Writing scientific paper (April)
- Reviewing scientific paper (April)

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## Deliverables

- Thesis
  - ~16 pages
  - eventual software
- Oral presentation
  - determine date and time with supervisor
  - end of June
  - ~15 min. followed by discussion

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## Grading

- Work executed (50%),
- Thesis (40%), and
- Oral presentation (10%).

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## Canvas

- All documents
- All forms
- All slides

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## Steps to be taken

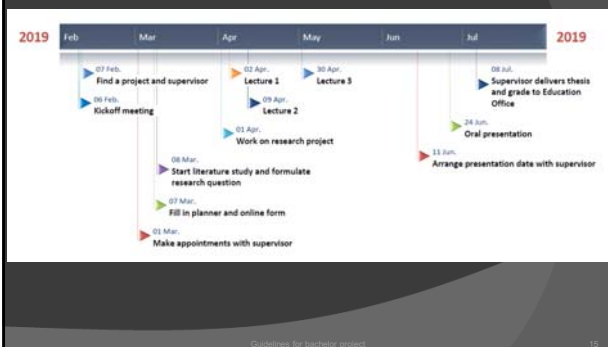
1. Find a project and supervisor
2. Make appointments with supervisor
3. Fill in the planner with your supervisor
4. Fill in the online form
5. Start with literature study and formulate research question
6. Work on research project
7. Determine presentation date with supervisor
8. Supervisor grade thesis and presentation
9. Supervisor delivers thesis and grade to [resultaten.beta@vu.nl](mailto:resultaten.beta@vu.nl)

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## Timeline

The data serve only as an example



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## Questions???



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