## MSc / BSc at Computer Science: Step-by-step description

	2024-05-14
	Student's main responsibilities:
	- Apply to and register for course
	- Define and propose a thesis project, and apply for supervisor & examinor
	- Manage, perform and report on the thesis project
	- Act as opponent on another thesis project
I. BEFORE vou begin	
a) Prerequisites and course signup	1. Decide when you want to do your BSc/MSc project, based on prequisites (see course plan) etc.
	2. Sign-up to the course by filling in <b>the digital form</b>
b) Identify a thesis idea and content from a	4. Find an area and a platform within which you would like to do your project, e.g. at a company, a
company, department or your own	department, or based on own idea (which is then connected to a department).
c) Find a thesis partner	5. Discuss interesting project ideas with other students and agree who to collaborate with.
NB: Our policy is that thesis projects shall be	
done in groups of 2 students	
a) Thesis proposal and application for	6 Identify which department (e.g. Computer Science CS, IET, Automatic Control, Match etc) and
supervisor and examiner	area/group that matches your project and interests. For thesis topic within one of the areas within Computer Science (see web page), <b>describe your thesis proposal and apply</b> for supervisor & examinor at CS (via form on web page). (For topic within other areas, contact the relevant department at LTH.) As part of preparing your thesis proposal, you may discuss your project ideas with teachers/researchers or coordinator within the most relevant groups. (Maybe asked to revise proposal and/or merge with another proposal if submitted as a single person project.)
b) Complement the digital form and check of prerequisites -> COURSE REGISTRATION	<ol> <li>In the digital form, fills in revised information about thesis title etc. Sends link to agreed supervisor and examiner.</li> <li>Registers to course in LADOK (once admitted by program planner)</li> </ol>
c) Complete the goal document (initial description for Helsingborg)	14. Describe the problem area, the goals and aims of the thesis project, expected contributions, and provide a general description of intended methodology/approach.
III. PLANNING and EXECUTION	
a) Plan the work and aim for a presentation day	<ul> <li>18. Make a rough time plan for the project: <ul> <li>identify the activities of the project and dependencies between these</li> <li>estimate effort &amp; time for each activity</li> <li>place the activities in time considering availability of your time and other necessary resources, e.g.</li> <li>lab equipment, interviewees etc</li> <li>identify a feasible presentation day to aim for</li> </ul> </li> <li>20. Mid-way review with examiner is recommended, to check progress, present initial findings, and check alignment with agreed goals and aim.</li> </ul>
b) Act as opponent for another thesis project	21. Locate and sign-up as opponent for another thesis project to examiner of presented thesis.
(individual task)	22. Review, provide constructive feedback orally and in written form of the presented thesis work.
c) Start writing the report early on (ideally from start of execution of thesis work)	23. Plan and structure the outline of your thesis report, and gradually write a full report describing your thesis work, using correct referencing, clear and understandable language. NOTE: The supervisor and examinor are NOT required to provide feedback on spelling or grammar. NOTE2: The report will be printed in gray scale, so try to avoid using colours.
IV. FINALISING	
a) Present the work (Should be done at CS	When supervisor gives go-ahead for presentation (24):
common presentation day, unless excemption	25. Agree time with examiner.
is agreed to. Must be done at public seminar,	26. Sign-up for presentation in form on CS web page.
announced at least 2 weeks beforehand.)	<ul><li>29. Write a popular science summary (for MSc)</li><li>or produce a popular science poster (for BSc) (can be done earlier, as a writing exercise.)</li><li>30. prepare and hold a presentation of your work</li></ul>
b) Finalise the report	<ul> <li>33. Based on the feedback obtained from examiner, opponents, and supervisor, and any additional improvements you may want to make, revise and finalise the report.</li> <li>36. Ask course secretary for report sequence nr, and email completed pdf = report (including the sequence nr) + pop science to course secretary</li> <li>41. Ask course secretary for printed copies, if you want any.</li> </ul>