

#### Outcomes

##### Knowledge and understanding

For a Degree of Master (120 credits) the student shall

- demonstrate knowledge and understanding in the main field of study, including both broad knowledge of the field and a considerable degree of specialized knowledge in certain areas of the field as well as insight into current research and development work, and
- demonstrate specialized methodological knowledge in the main field of study.

##### Competence and skills

For a Degree of Master (120 credits) the student shall

- demonstrate the ability to critically and systematically integrate knowledge and analyse, assess and deal with complex phenomena, issues and situations even with limited information
- demonstrate the ability to identify and formulate issues critically, autonomously and creatively as well as to plan and, using appropriate methods, undertake advanced tasks within predetermined time frames and so contribute to the formation of knowledge as well as the ability to evaluate this work
- demonstrate the ability in speech and writing both nationally and internationally to report clearly and discuss his or her conclusions and the knowledge and arguments on which they are based in dialogue with different audiences, and
- demonstrate the skills required for participation in research and development work or autonomous employment in some other qualified capacity.

##### Judgement and approach

For a Degree of Master (120 credits) the student shall

- demonstrate the ability to make assessments in the main field of study informed by relevant disciplinary, social and ethical issues and also to demonstrate awareness of ethical aspects of research and development work
- demonstrate insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used, and
- demonstrate the ability to identify the personal need for further knowledge and take responsibility for his or her ongoing learning.

##### Independent project (degree project)

A requirement for the award of a Degree of Master (120 credits) is completion by the student of an independent project (degree project) for at least 30 credits (30 ECTS) in the main field of study. The degree project may comprise less than 30 credits, however no less than 15 credits, if the student has already completed an independent project in the second cycle for at least 15 credits in the main field of study or the equivalent from a programme of study outside Sweden.

##### Miscellaneous

Specific requirements determined by each higher education institution itself within the parameters of the requirements laid down in this qualification descriptor shall also apply for a Degree of Master (120 credits) with a defined specialization.

For a Master of Science (120 credits) to be awarded at Chalmers students must have

- satisfied the course requirements worth at least 90 credits on an advanced level, including a degree project worth at least 30.
- normally presented the written degree project in English
- satisfied the requirements for courses worth at least 45 credits at the advanced level, including a degree project worth at least 30 credits, at Chalmers.

**4.3 Programme details (e.g. modules or units studied), and the individual grades/marks/credits obtained (if this information is available on an official transcript this should be used here):** See Degree Certificate/Official Transcript.

**4.4 Grading scheme and, if available, grade distribution guidance:** Unless otherwise prescribed in the course syllabus, a grade is to be awarded on completion of a course. The grade is to be determined by a teacher specially appointed by the higher education institution (an examiner).

The grades assigned are defined as Three, Four or Five. A higher figure signifies a better grade. The grade Three is the lowest pass grade. As well as the numbered scale, the scale Passed/Not Passed is used.

The grading system at the school of Architecture: courses are given on a Passed/Not Passed basis.

No overall grade is given for a degree and students are not ranked.

ECTS Grading Table		
Chalmers grading system	Total number awarded in the reference group	Percentage of the total number
3 (Tre)	258 465	40.26 %
4 (Fyra)	243 126	37.86 %
5 (Fem)	140 400	21.87 %
Based on 3474 courses from the academic years 2000 - 2013		

  
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