**Standardized assessment form -** Attachment to *Descriptions of grades for master's theses in mathematics, natural sciences and technology* 

| Main<br>assessment<br>criteria: | Sub-criteria:<br>Comments | A/S*  | Max.<br>score | Pre-<br>assess<br>ment | Final points | Comments |
|---------------------------------|---------------------------|-------|---------------|------------------------|--------------|----------|
| Introduction                    | Technical                 |       |               |                        |              |          |
| and theory                      | grounding:                | A     |               |                        |              |          |
| (max. 20 pt.)                   | Theoretical insight:      | A + S |               |                        |              |          |
|                                 | Goal description:         | A     |               |                        |              |          |
|                                 | Own contribution:         | S     |               |                        |              |          |
| Methods and                     | Skill level:              | A + S |               |                        |              |          |
| working practice                | Working methods:          | S     |               |                        |              |          |
| (max. 25 pt.)                   | Effort:                   | S     |               |                        |              |          |
|                                 | Degree of                 | S     |               |                        |              |          |
|                                 | independence:             |       |               |                        |              |          |
| Results and                     | Project result:           | A + S |               |                        |              |          |
| Discussion                      | Analysis and              |       |               |                        |              |          |
| (max. 35 pt.)                   | discussion:               | A     |               |                        |              |          |
|                                 | Critical reflection:      | A     |               |                        |              |          |
|                                 | Own contribution /        | A     |               |                        |              |          |
|                                 | goal attainment:          |       |               |                        |              |          |
| Presentation                    | Structure:                | A     |               |                        |              |          |
| (max. 15 pt.)                   | Language:                 | A     |               |                        |              |          |
|                                 | Form:                     | А     |               |                        |              |          |
| Oral examination                | Presentation during       | A + S |               |                        |              |          |
| (max. 5 pt.)                    | final examination:        |       |               |                        |              |          |

## SUM

\*Assessment provided primarily by Assessor or Supervisor

Attachment to Descriptions of grades for master's theses in mathematics, natural sciences and technology

A maximum number of points is proposed for the main assessment criteria (which in total is not to exceed 100), whereas no maximum number of points is suggested for each of the sub-criteria (although they must have total 100). This is to accommodate different types of projects (theoretical / experimental, 30/60 credits etc.) that require certain sub-criteria to be weighted differently.

## Using the Assessment form

## Total scores:

The Faculty /Institute/ Department must set a maximum number of points for each criterion so that the sum total is 100. In the same way, a maximum total score must be decided for each sub-criterion so that the total for all the subcriteria is 100. The maximum score for a criterion is to be equal to the sum of the maximum scores for its associated sub-criteria.

Note that, since there are only 16 sub-criteria, and a total of at least 40 points is required to gain a pass, 1 point will rarely indicate an acceptable level of attainment (pass). The general rule is that the lower limit for acceptable achievement is 40% of the maximum score for that (sub)criterion. In other words, if a sub-criterion, such as "Technical grounding", has a maximum score of 5 points, the following scale will apply:

- 5 points near perfect
- 4 points very good, only minimal improvement possible
- 3 points good, but clear improvement possible
- 2 points just acceptable for master's degree standard
- 1 point some value, but insufficient for master's degree standard
- 0 points negligible value

## Assessment:

The Assessor and Supervisor carry out a pre-assessment and assign points according to the different criteria (marked A and S). After the oral examination and the assessment meeting, all scores may be adjusted apart from "Presentation" and "Oral examination". Criteria are marked A (Assessor) or S (Supervisor) according to who has overall responsibility for the assignment of points. Four criteria are marked A + S meaning that the Assessor and Supervisor have joint responsibility for the assignment of points.

| Grade table: |                |
|--------------|----------------|
| Grade        | Point interval |
| A:           | 90-100 points  |
| B:           | 80-89 points   |
| C:           | 60-79 points   |
| D:           | 50-59 points   |
| E:           | 40-49 points   |
| F:           | 0-39 points    |

Attachment to Descriptions of grades for master's theses in mathematics, natural sciences and technology