Typical characterization of theses grades

	Grade 0	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
Definition of research scope and goals	- Thesis goals not reported or cannot be recognized -Narrow or poorly defined research scope - Poorly defined goals for the thesis - Irrelevant research question	- Vague description of research scope or goals	- Some difficulties in defining goals, scope, and/or relevance	- Clearly and appropriately defined goals and scope - Carefully planned thesis -Relevance justified appropriately	- Precisely defined, and mainly well justified research scope.	- Precisely defined and justified research scope - Demonstration of mature thinking in the definition of goals and research questions - Topic is very relevant
Command of the topic	- Poor command of the research topic and its theoretical framework - Few or irrelevant references - Source evaluation is lacking and the bibliography contains errors.	-References are few or of poor scientific quality. - Notable shortcomings in the referencing. - weak source evaluation	- The cited works consist primarily of high-quality scientific publications, but some relevant references are missing - shortcomings in the source evaluation - good command of referencing	- Good command of the research topic and its theoretical framework - Student has found the relevant reference materials on the topic	-The thesis combines the cited works and empirical data consistently and clearly. The cited works consist primarily of high-quality scientific publications (journals, other referred forums), which are sufficiently numerous and appropriately chosen. - Thesis demonstrates critical evaluation of existing knowledge	- Broad-based knowledge of the background material and the research topic - References throw light on the topic from a variety of perspectives - Thesis provides insightful synthesis of the existing knowledge on the subject
Methods	- Research or engineering methods not recognizable - False or inappropriate methods	- Weak and vague or non-existing reasons given for the methodological choices - Significant shortcomings in the application of methods	-Empirical data is scarce or there are shortcomings in its collection or analysis. -Critical analysis is scarce or non-existent. -Although methodological choices have been made, methods are used inconsistently.	- Research questions answered using justified methods	- Appropriate methods have been used in a well-founded manner. Reliability and validity or trustworthiness of the study/results are evaluated.	- Methodological choices thoroughly justified - Excellent command of methods
Results and contribution	- No results can be recognized	- Results not in line with the goals or they are insignificant from the goal point of view - Minor independent input from the student - Few or poorly justified conclusions - Clearly erroneous results	-Goals and results of the thesis do not clearly match each other. -The student may have difficulties in comprehending the goal or scope of the research or in defining the research questions. - Thesis may also depend excessively on the cited works, i.e. the results are not based on independent research but rather on the references. - Little significance for the field of research or industry in question, and no contribution to knowledge	- Results in line with the goals - Conclusions drawn appropriately from the material - Cited works evaluated critically	-Results are of theoretical interest or have high practical relevance, and they answer the research questions. -Research process has been described at least on a general level while the transferability of the results has been evaluated to some extent. -Empirical data has been presented well and its relevance to the results is clear. The empirical data is sufficiently extensive to	- Thesis produces new results of interest to academia or industry or otherwise relevant to professionals in the field - Results evaluated critically and examined from a variety of perspectives - Use of appropriate references of high scientific quality while paying attention to source evaluation

			can be clearly identified in the thesis. - Conclusions drawn are few and may contain minor factual errors.		justify the conclusions drawn, and the line of reasoning behind the conclusions is easily followed.	
Presentation, language and structure	-Text has a lot of language errors - Thesis structure is unclear and the language does not facilitate the understanding of the content	- Language needs considerable revision -Overall appearance needs improvement	-Thesis is not a coherent, well-organised whole, its parts are out of balance. - thesis contains inconsistencies or unexplained conclusions	- The language is appropriate - The text is easily understood and the structure is sufficiently clear - Overall appearance is appropriate	- The thesis is a consistent written presentation of the topic and a coherent and balanced whole. -Language of the thesis is fluent and may contain only a few mistakes. - The language facilitates the understanding of the content, arguments are consistent throughout the thesis - Figures and tables are illustrative	- Written in fluent, formal style - Impeccable and coherent overall appearance
Thesis process		- Time used to complete the thesis disproportionate to the difficulty of the topic - Severe thesis delay due to actions or inactivity of the student - Needed particularly lot of guidance	- The time to complete the thesis was considerably longer than the expected time or time agreed. - Needed more than average level of guidance	- Thesis mostly progressed according to the thesis schedule or the target time. - Student has utilized guidance	The thesis has been completed within the target time, or at least within an otherwise agreed upon. - Little process guidance is needed - Student has utilized guidance and feedback constructively	The thesis has been completed within the target time, or at least within an otherwise agreed upon - Student demonstrates solid skills in working independently - Student was able to equal interaction in guidance situations
Other						- Thesis includes a discovery or an invention for which a patent application has been filed - A scientific publication will be / has been made of the thesis - Thesis has considerable societal impact