

MTH - Master Thesis

MTH - Master Thesis

General information	
Module Code	MTH
Unique Identifier	
Module Leader(s)	Eghbalian, Stefan (stefan.eghbalian@haw-kiel.de)
Lecturer(s)	Eghbalian, Stefan (stefan.eghbalian@haw-kiel.de)
Offered in Semester	Sommersemester 2018
Module duration	1 Semester
Occurrence frequency	Regular
Module occurrence	In der Regel jedes Semester
Language	Englisch
Recommended for international students	Yes
Can be attended with different study programme	No

Curricular relevance (according to examination regulations)
Study Subject: M.Sc. - IE I - Industrial Engineering I - konsekutiv Module type: Pflichtmodul Semester: 4
Study Subject: M.Sc. - IE II - Industrial Engineering II - weiterbildend Module type: Pflichtmodul Semester: 4

Qualification outcome
<i>Areas of Competence: Knowledge and Understanding; Use, application and generation of knowledge; Communication and cooperation; Scientific self-understanding / professionalism.</i>
<p>The students</p> <ul style="list-style-type: none"> • Are in the position to translate a practically or academically relevant industry problems or phenomena into a theoretical research framework. • Can familiarize themselves on their own with the relevant research publications in the selected field of research and possibly identify research gaps and are capable to provide a theoretical overview summarizing the current state of research in the respective field of investigation based on a thorough analysis of the leading academic journals. • Can identify and select the appropriate research methodology to address the respective research question • Are able to decide upon the relevant research methodology (quantitative-, qualitative- action research etc.) to appropriately address research questions.
<p>The students</p> <ul style="list-style-type: none"> • Can professionally prepare and execute research projects in an academic or corporate environment. • Are capable to critically reflect upon industry problems, challenges and phenomena and translate these into theoretically grounded research questions. • Are capable to independently prepare a practically relevant yet theoretically grounded research paper in the field of industrial engineering. <p>Are capable to prepare a research paper in compliance with norms for academic and scholarly expression and for publication in the public domain</p>

<p>The students</p> <ul style="list-style-type: none"> • Are capable to prepare a project on their own and deliver the results in time by applying their competencies to analyze, structure and solve complex problems. • are capable to present and defend their research project in front of a qualified academic audience • conduct themselves in a professional and respectful manner in particular with respect to the time made available by their supervisor by being well prepared for meetings and request for appointments in writing with the questions and or issues to be addressed clearly laid out in advance. • Are capable to organize themselves individually or in teams in an effective manner to set the right priorities and manage their resources to successfully meet the requested academic requirements. • Respond to criticism in an open self-reflective constructive manner • Read all necessary and relevant information including official regulations as well as publicly available information and advice such as FAQ´s etc.
<ul style="list-style-type: none"> • Are capable to translate and embed the analyzed research outcome into a theoretical framework. • Can express their research approach, analysis and results in a form that is compliant to the norms and standards used in the respective academic field of research inquiry by using the appropriate research methodology, structure, terminology and quotation rules.
<ul style="list-style-type: none"> • Can apply the academic rules of conduct expected by a researcher to achieve an objective, valid, reliable and ethically justifiable research outcome.

Content information	
Content	<p>As part of the Master Thesis the student is expected to conduct a research project in any of the academic fields as reflected in the modules offered as part of the Master program such as Materials Handling, Logistics, Corporate Finance, Entrepreneurship etc.</p> <p>The Master thesis is expected to demonstrate familiarity with the previous research work in the selected field</p> <p>The student is expected to demonstrate the ability to conduct a research project, structure the results, and defend the research methodology, the analysis and conclusions in a scholarly manner</p> <p>The thesis must be written in compliance with norms for academic and scholarly expression and for publication in the public domain</p> <p>In general students are expected to provide the following written documents as part of the Master thesis process.</p> <ul style="list-style-type: none"> - A brief summary highlighting the objective, methodology and expected outcome of the thesis - An initial draft of the table of content indicating the expected structure. - A filled out thesis application form provided to the supervisor to be send to the graduate examination office. - The completed thesis (no initial draft to be send up-front)
Literature	<ul style="list-style-type: none"> • Bond Allan and Graham Lawler (2006): "Your Masters Thesis: How to Plan, Draft, Write and Revise"): Studymates Ltd • Kumar Ranjit (2014): "Research Methodology": Sage Publications

Teaching formats of the courses	
Teaching format	SWS
Keine Präsenzzeit	0

Workload	
Number of SWS	0 SWS

Credits	25,00 Credits
Contact hours	0 Hours
Self study	750 Hours

Module Examination

Examination prerequisites according to exam regulations	60 Credit Points (LP) have to be accumulated prior to starting with the master thesis.
--	--

Miscellaneous

Miscellaneous	<p>The students are expected to identify and approach their potential first supervisor.</p> <p>The focus, general approach and title of the master thesis should be confirmed with the academic supervisor.</p> <p>The master thesis has to be submitted in printed bound form. Two sets are expected.</p> <p>It has to be submitted in time in accordance with the respective regulations (PVO and PO)</p> <p>The thesis will be evaluated and marked by two examiner.</p>
----------------------	---