Examination and Academic Regulations for the Master's Program in Management & Technology (track 2)* at the Technical University of Munich

dated September 13, 2013
as amended by the First Amendment Statute of September 8, 2015

In accordance with Art. 13 (1) sentence 2 in conjunction with Art. 58 (1) sentence 1 and Art. 61 (2) sentence 1 of the Bayerisches Hochschulgesetz (BayHSchG) [Bavarian Higher Education Act] the Technical University of Munich issues the following Examination and Academic Regulations (Fachprüfungs- und Studienordnung, FPSO):

Introductory note on linguistic usage
In accordance with Art. 3 (2) of the German Constitution, women and men have equal rights. Any terms relating to persons and functions mentioned in the following regulations are equally valid for women and men.

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*also called WITEC
§ 34
Applicability, Academic Title

(1) These Examination and Academic Regulations (FPSO) for the Master’s program in Management & Technology complement the General Academic and Examination Regulations for Bachelor’s and Master’s programs at the Technical University of Munich (APSO) of March 18, 2011 as amended. The APSO shall have precedence.

(2) Upon successful completion of the Master’s examination the degree "Master of Science" ("M.Sc.") is awarded. The academic title may be used with the name of the university "(TUM)".

§ 35
Commencement of Studies, Standard Duration of Study, ECTS

(1) Commencement of the Master’s program in Management & Technology is possible in the winter semester only.

(2) The number of classes in required, required elective and elective subjects needed to complete the Master's degree is 90 credits (61 weekly hours per semester). In addition, 30 credits (maximum six months) are required for the completion of the Master’s thesis pursuant to § 46. The number of examinations in required, required elective and elective subjects to be completed in the Master’s program in Management & Technology according to Appendix 1 (II) is thus a minimum of 120 credits. The standard duration of study for the Master’s program will be a total of four semesters.

§ 36
Eligibility Requirements

(1) Eligibility for the Master’s program in Management & Technology is demonstrated by

1. a Bachelor’s degree of at least six semesters obtained from a German or foreign university, or a degree in management, business, economics or similar that is at least the equivalent of this,

2. an adequate knowledge of the English language; students whose native language or language of education is not English must submit proof of having passed a recognized language text such as the Test of English as a Foreign Language (TOEFL, scoring at least 88 points), the International English Language Testing System (IELTS, at least 6.5 points) or the Cambridge Main Suite of English Examinations; alternatively, this proof may take the form of a good grade in English (at least 10 out of 15 points) in the German higher education entrance qualification (HZB); if the student has successfully passed examination modules in English worth 12 credits as part of an undergraduate degree, adequate knowledge of English is similarly deemed to be proven,

3. passing the aptitude assessment pursuant to Appendix 2.

(2) A degree is considered a qualified degree within the meaning of subsection 1 if there are no significant differences between the competences (learning results) acquired in the management, business and economics subjects of the scientifically oriented
relevant Bachelor’s degrees as stipulated in subsection 1 (1) and those of the scientifically oriented relevant Bachelor’s degree in Management & Technology at the Technical University of Munich, and these competences correspond to the subject-specific requirements of the Master’s program in Management & Technology.

(3) The comparability of programs, the specific aptitudes and the recognition of skills from degrees acquired at foreign universities will be decided upon by the Examination Committee in compliance with Art. 63 of the Bayerisches Hochschulgesetz [Bavarian Higher Education Act].

§ 37
Modular Structure, Module Examination, Courses, Course Specialization, Language of Instruction

(1) General provisions on modules and courses are set out in §§ 6 and 8 of the APSO. For any changes to the stipulated module provisions, § 12 (8) of the APSO shall apply.

(2) The curriculum listing the required, required elective and elective modules to be attended is given in Appendix 1 (I).

(3) ¹As a rule, the language of instruction in the Master’s program in Management & Technology is German. ²Any modules taught entirely or partially in English are identified in Appendix 1 (II). ³Where the Appendix provides that a module will be taught either in English or German, the examiner must inform the students in appropriate form, no later than the first day of classes, of the actual language of instruction.

§ 38
Examination Deadlines, Progress Monitoring, Failure to Meet Deadlines

(1) Examination deadlines, progress monitoring and failure to meet deadlines are governed by § 10 of the APSO.

(2) ¹At least one of the basic module examinations listed in Appendix 1 (II) must be successfully completed by the end of the second semester. ²In the event of failure to meet deadlines, § 10 (5) of the APSO shall apply.

§ 39
Examination Board

Pursuant to § 29 of the APSO, the board responsible for all decisions concerning examination matters shall be the Master's Examination Board of TUM School of Management.

§ 40
Recognition of Periods of Study, Coursework and Examination Results
The recognition of periods of study, coursework and examination results is governed by the provisions of § 16 of the APSO.

§ 41
Continuous Assessment Procedure, Types of Assessment

(1) In addition to written examinations (Written exam) and oral examinations, types of assessment pursuant to § 12 and § 13 of the APSO may include (but are not limited to) laboratory assignments, exercises (tests, where applicable), reports, project work, presentations, learning portfolios and/or research papers.

a) ¹A Written exam is a supervised written examination. ²In these written examinations, students are expected to demonstrate, within a limited amount of time and using predefined methods and resources, their ability to identify problems, find solution strategies and, if required, implement them. ³The duration of Written exam is provided for in § 12 (7) of the APSO.

b) ¹Depending on the discipline, laboratory assignments may include tests, measurements, fieldwork, field exercises, etc. designed for implementing procedures, evaluating results and gaining knowledge. ²They may consist of, for example, process descriptions and the underlying theoretical principles including the relevant literature; preparation and practical implementation; calculations, if required; documentation, evaluation and interpretation of the results in the context of the knowledge to be gained. ³Laboratory assignments may be complemented by a presentation designed to demonstrate a student’s communication competency in presenting scholarly work to an audience. ⁴Details of each laboratory assignment and the related competencies to be examined are set out in the module descriptions.

c) ¹Exercises (tests where applicable) are administered to assess a student's ability to complete assigned tasks (for example, solving mathematical problems, writing computer programs, designing models) using theoretical knowledge to solve application-oriented problems. ²Exercises are designed to assess the student's factual and detailed knowledge and its application. ³Practical exercises may be administered in writing, orally or electronically. ⁴They may take the form of homework assignments, practice sheets, programming exercises, (e-)tests, tasks assigned within a university internship program, etc. ⁵Details of each practical exercise and the related competencies to be examined are set out in the module descriptions.

d) ¹A report is a written record and summary of a learning process for the purpose of presenting the acquired knowledge in a structured way and analyzing the results in the context of a module. ²Students are expected to demonstrate that they have understood all essential aspects and are able to present them in writing. ³Reports may include excursion reports, internship reports, work reports, etc. ⁴The written report may be complemented by a presentation for the purpose of assessing the student's communication competency in presenting scholarly work to an audience.

e) ¹Project work is designed to reach, in several phases (initiation, problem definition, role assignment, idea generation, criteria development, decision, implementation, presentation, written evaluation), the defined objective of a project assignment within a given period of time and using suitable instruments.
In addition, project work may include a presentation in order to assess a student’s communication competency in presenting scholarly work to an audience. The specific components of each project work assignment and the related competencies to be assessed are delineated in the module description. Project work may include group work. Students are expected to demonstrate that they are able to complete the tasks in a team environment. If the student’s contribution to group work is to be assessed as a component of an examination, that contribution must be clearly identifiable and gradable. This also applies to each individual’s contribution to the group result.

A research paper is a written assignment in which students work independently on solving complex scholarly or scholarly/application-oriented problems, using the scientific methods of the related discipline. Students are expected to demonstrate that they are able to solve problems corresponding to the learning results of the module in question in compliance with the guidelines for scholarly work – from analysis and conception to implementation. Research papers, differing in their requirement standards, may take the form of a conceptual framework/theory paper [Thesenpapier], abstract, essay, research paper, seminar paper, etc. The research paper may be complemented by a presentation and/or a colloquium for the purpose of assessing the student’s communication competency in presenting scholarly work to an audience. Specific details of each research paper and the related competencies to be assessed are set out in the module description.

A presentation is a systematic and structured oral performance supported by suitable audio-visual equipment (such as a projector, slides, posters, videos) for the purpose of demonstrating and summarizing specific issues or results and paring complex problems down to their essential core. For the presentation, students are expected to demonstrate that they are capable of preparing a certain topic within a given timeframe in such a way as to present or report on it in a clear and comprehensible manner to an audience. In addition, students are expected to demonstrate that they are able to respond competently to any questions, suggestions or discussions brought by the audience and relating to their subject area. The presentation may be complemented by a brief written précis. The presentation may be prepared either individually or in groups. If the student’s contribution to group work is to be assessed as a component of an examination, that contribution must be clearly identifiable and gradable. This also applies to each individual’s contribution to the group result.

An oral examination is a timed, graded discussion of relevant topics and specific questions to be answered. In oral examinations, students are expected to demonstrate that they have reached the qualification objectives laid out in the module descriptions, understood the central concepts of the subject matter covered by the exam, and are able to apply them to specific problems. The oral examination may be held either as an individual or group examination. The duration of the examination is provided for in § 13 (2) of the APSO.

A learning portfolio is a collection of written materials compiled by the student according to predefined criteria, which exhibits the student’s progress and achievements in defined content areas at a given time. Students are required to explain according to which criteria they have chosen the materials and their relevance for their learning progress and the achievement of the qualification objectives. With the learning portfolio, students are expected to demonstrate that they have taken active responsibility for their learning process and have reached
the qualification objectives set out in the module description. Depending on the module description, types of independent study assessment in a learning portfolio may include, in particular, application-oriented assignments, websites, weblogs, bibliographies, analyses, conceptual framework/theory papers, as well as the graphic representation of facts or problems. The specific components of each learning portfolio and the related competencies to be assessed are set out in the module description.

(2) The module examinations are, as a rule, taken concurrently with the program. The type and duration of module examinations are provided for in Appendix 1 (II). In the event of divergence from those provisions, § 12 (8) of the APSO must be complied with. The assessment of module examinations is governed by § 17 of the APSO.

(3) Where Appendix 1 (II) provides that a module examination is either in written or oral form, the examiner must inform the students in appropriate form, no later than the first day of classes, of the type of examination to be held.

(4) Upon request of a student and with the agreement of the examiners, examinations in German-language modules may be taken in English.

§ 42
Registration for and Admission to the Master's Examination

(1) Students who are enrolled in the Master's program in Management & Technology are deemed admitted to the module examinations of the Master's examination.

(2) The registration requirements for required, required elective and elective module examinations are set out in § 15 (1) of the APSO. The registration requirements for repeat examinations for failed required and required elective modules are set out in § 15 (2) of the APSO.

§ 43
Scope of the Master's Examination

(1) The Master's examination consists of

1. the module examinations in the corresponding modules pursuant to subsection (2),
2. the Master's thesis pursuant to § 46.

(2) The module examinations are listed in Appendix 1. Students must pass

1. one required module in Management Methods worth 6 credits,
2. one required module from the interdisciplinary qualification worth 6 credits,
3. one required module in Basics in Economics 6 credits,
4. one required module in Basics in Law worth 6 credits.

In their chosen subject in engineering/natural science, students must pass required modules worth 24 credits. In addition, students must select one of the four specializations in management. Students must pass

1. one required elective module worth 6 credits and elective modules worth a minimum of 18 credits if they choose Innovation & Entrepreneurship,
2. one required elective module worth 6 credits and elective modules worth a minimum of 18 credits if they choose Marketing, Strategy & Leadership,
3. one required module worth 6 credits and elective modules worth a minimum of 18 credits if they choose Operations and Supply Chain Management,
4. one required module worth 6 credits and elective modules worth a minimum of 18 credits if they choose Finance & Accounts.

6In addition, students must pass elective modules worth a minimum of 18 credits in their elective in Management & Economics.

§ 44
Repeat Examinations, Failed Examinations

(1) The repetition of examinations is governed by § 24 of the APSO.
(2) Failure to pass examinations is governed by § 23 of the APSO.

§ 45
Coursework

The Master's program in Management & Technology does not require coursework, only the successful completion of examinations.

§ 45a
Multiple Choice Test

The procedure for multiple choice tests is provided for in § 12 of the APSO.

§ 46
Master's Thesis

(1) As provided for in § 18 of the APSO, each student must complete a Master's thesis as part of their Master's examination. The Master's thesis topic may be determined and the thesis supervised by any expert examiner (Themensteller) from the School of Management of the Technical University of Munich. Expert examiners are professors of the School, junior fellows of the School, and lecturers or professors of other TUM schools or colleges who teach on the program in Management & Technology.
(2) In order to be admitted to commence work on their Master's thesis, students must have passed the basic courses worth 24 credits and earned a minimum of 11 credits in the major in Engineering or Natural Science and a minimum of 18 credits in the elective in Management (see Appendix 1 II). Work on the Master's thesis should commence at the latest when all module examinations have been successfully completed.
(3) The period of time between topic determination and submission of the completed Master’s thesis must not exceed six months. The Master’s thesis is considered presented and not passed if the student fails to submit it on time without valid
reasons pursuant to § 10 (7) of the APSO. ³The Master's thesis may be written in either German or English.

(4) ¹If the Master's thesis is not graded with at least "sufficient" (4.0), it may be repeated once with a new topic. ²Students must renew their application for admission within six weeks of receiving the grade for their thesis.

§ 47
Passing and Assessment of the Master's Examination

(1) The Master's examination is deemed passed when the student has successfully completed all examinations required pursuant to § 43 (1) and has earned a total of at least 120 credits.

(2) ¹The module grade is calculated according to § 17 of the APSO. ²The overall grade for the Master's examination will be calculated as the weighted average of the modules according to § 43 (2) and the Master's thesis. ³The weighting of the grades for individual modules corresponds to the credits assigned to each module. ⁴The overall grade is expressed by the designation pursuant to § 17 of the APSO.

§ 48
Degree Certificate, Diploma, Diploma Supplement

¹If the Master's examination is passed, a degree certificate, diploma and a diploma supplement including a transcript of records are to be issued in compliance with § 25 (1) and § 26 of the APSO. ²The date to be entered on the degree certificate is the day when all examination and coursework requirements have been fulfilled.

§ 49
Double Degree

(1) ¹The Technical University of Munich and the Chambre de Commerce et d'Industrie de Paris, acting on behalf of its educational institution HEC, have signed a cooperation agreement. ²The following special regulations apply for students on the Master's program in Management & Technology at the Technical University of Munich who are participating in the double degree program with the HEC:

1. ¹The selection of participants consists of two stages. ²First, potential participants are selected on the basis of their success at high school, academic success, knowledge of French and their motivation. ³The final selection is then made on the basis of personal interviews by representatives of both universities.

2. Students must successfully complete the first two semesters (in which they are registered for courses awarding credits toward the degree) at the Technical University of Munich and must have earned a minimum of 40 credits at the end of the second semester in order to continue their studies at the HEC in the third and fourth semesters.

3. ¹Students on the double degree program must earn a minimum of 40 credits at the partner university HEC. ²For the elective in Management & Economics in the Master's program in Management and Technology (Track 2) at the Technical
University of Munich, 12 credits can be recognized and count toward this 40 credits. 

3In addition, students must complete a recognized internship of at least 15 weeks' duration. 4The internship can only be commenced after completion of the Bachelor's program and should take place be in France. 5In addition, students can apply for the certification program at HEC. 6For this program they earn a further 15 credits.

4. 1For the research paper at HEC, 20 credits are recognized and count toward the 30 credits for the Master's thesis at the Technical University of Munich. 2Students have the option of starting the research paper at HEC and developing it into a Master's thesis at the Technical University of Munich.

5. Students successfully completing the Master's program in Management & Technology at the Technical University of Munich also receive the degree of "HEC Master of Science in Management" from HEC, on condition that they earn a minimum of 40 credits in the second stage of the Master's program and 20 credits from the research paper, in addition to successfully completing a recognized internship of at least 15 weeks after their Bachelor's degree.

(2) The following regulations apply for students at HEC participating in the double degree program:

1. 1Students are selected by HEC. 2Selection is based partly on personal interviews, at which a representative of TUM should be present. 3Students must be enrolled in the Master of Science in Management at HEC in order to be considered for selection.

2. Students of the Master's of Science in Management at HEC first study for a period of one year in the first stage of the Master's program at HEC.

3. 1Starting from the winter semester, students then spend their second year studying at the Technical University of Munich. 2Students can use the time between their first year at HEC and their second year at the Technical University of Munich to do an internship in Germany.

4. 1The period of study at the Technical University of Munich lasts a minimum of three semesters. 2During these three semesters, students take modules from one major in management worth 24 credits, from one engineering or natural science subject worth 24 credits, and from the elective in Management & Economics worth 12 credits.

5. 1In addition, students write their Master's thesis, worth 30 credits, at the Technical University of Munich. 2The Master's thesis is recognized as a research paper by HEC and 20 credits are awarded for it.

6. Students who receive the degree of "Master of Science in Management" at HEC also receive the degree of "Master of Science" in the "Master in Management & Technology" at the Technical University of Munich, on condition that they have earned, pursuant to (2) 4., a minimum of 60 credits in the Master's program in Management & Technology at the Technical University of Munich and successfully completed their Master's thesis.

§ 50

Entry into Force*)
(1) These Examination and Academic Regulations will enter into force on October 1, 2013. They shall apply to all students who commenced their regular studies on the degree program at the Technical University of Munich as of the winter semester 2011/2012.

(2) At the same time, the Examination and Academic Regulations for the Master’s program in Management and Technology (Track 2) at the Technical University of Munich of April 1, 2011, as last amended by the statutes from April 15, 2013, will cease to be in effect subject to the provision set forth in subsection (1), sentence 2.

*) This provision relates to the entry into force of the Regulations in their original version of September 13, 2013. The date of entry into force of the amendments is determined on the basis of the amendment statute.
## APPENDIX 1:
### I. Scope of the Master’s Examination

<table>
<thead>
<tr>
<th>Components</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Examinations during the course of the program earning credits in the</td>
<td>6</td>
<td>Semester 1</td>
</tr>
<tr>
<td>required module [Methods in Management and Economics]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Examinations during the course of the program earning credits in the</td>
<td>6</td>
<td>Semester 2</td>
</tr>
<tr>
<td>required Minor in Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Examinations during the course of the program earning credits in the</td>
<td>6</td>
<td>Semester 2</td>
</tr>
<tr>
<td>required Minor in Law</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Examinations during the course of the program earning credits in the</td>
<td>6</td>
<td>Semester 1/3</td>
</tr>
<tr>
<td>required module [interdisciplinary qualification (HR Management)]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Examinations during the course of the program earning credits in the</td>
<td>24</td>
<td>Semester 1/2/3/4</td>
</tr>
<tr>
<td>required modules from the Major in Engineering and Natural Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Examinations during the course of the program earning credits in the</td>
<td>24</td>
<td>Semester 1/2</td>
</tr>
<tr>
<td>required, required elective and elective modules from the Major in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Examinations during the course of the program earning credits in the</td>
<td>18</td>
<td>Semester 3</td>
</tr>
<tr>
<td>elective modules from the Elective in Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Master’s thesis</td>
<td>30</td>
<td>Semester 4</td>
</tr>
</tbody>
</table>
II. Examination Modules

Minors

Students must successfully complete the following minors:

<table>
<thead>
<tr>
<th>No.</th>
<th>Module name</th>
<th>Module type</th>
<th>Type of instruction SWS/V Ü P</th>
<th>Sem.</th>
<th>SWS</th>
<th>Cr.</th>
<th>Type of exam.</th>
<th>Duration of exam.</th>
<th>Language of instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Methods in Management and Economics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Empirical Research in Management and Economics</td>
<td>Required</td>
<td>1 V + 3 U</td>
<td>1</td>
<td>4</td>
<td>6</td>
<td>Written exam</td>
<td>120</td>
<td>German/English</td>
</tr>
<tr>
<td></td>
<td>Interdisciplinary qualification</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Leadership and Organization</td>
<td>Required</td>
<td>1 V + 3 U</td>
<td>1</td>
<td>4</td>
<td>6</td>
<td>Written exam</td>
<td>120</td>
<td>English</td>
</tr>
<tr>
<td></td>
<td>Minor in Economics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Economics III</td>
<td>Required</td>
<td>1 V + 3 U</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>Written exam</td>
<td>120</td>
<td>German/English</td>
</tr>
<tr>
<td></td>
<td>Minor in Law</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>4</td>
<td>EU Business Law</td>
<td>Required</td>
<td>2 V + 2 U</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>Written exam</td>
<td>120</td>
<td>German/English</td>
</tr>
</tbody>
</table>

Major in Engineering and Natural Science

Students must choose one of the following three engineering/natural science majors. Each of the modules listed in the selected major must be successfully completed (24 credits in total for each engineering/natural science major):

<table>
<thead>
<tr>
<th>No.</th>
<th>Module name</th>
<th>Module type</th>
<th>Type of instruction SWS/V Ü P</th>
<th>Sem.</th>
<th>SWS</th>
<th>Cr.</th>
<th>Type of exam.</th>
<th>Duration of exam.</th>
<th>Language of instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chemistry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>General und Inorganic Chemistry</td>
<td>Required</td>
<td>2 V + 2 U</td>
<td>1</td>
<td>3</td>
<td>6</td>
<td>Written exam</td>
<td>90</td>
<td>German</td>
</tr>
<tr>
<td>2</td>
<td>Introduction to Organic Chemistry</td>
<td>Required</td>
<td>3 V + 1 U</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>Written exam</td>
<td>90</td>
<td>German</td>
</tr>
<tr>
<td>3</td>
<td>Basics in Physical Chemistry I</td>
<td>Required</td>
<td>3 V + 1 U</td>
<td>1/3</td>
<td>4</td>
<td>6</td>
<td>Written exam</td>
<td>90</td>
<td>German</td>
</tr>
<tr>
<td>4</td>
<td>Biology for Chemists</td>
<td>Required</td>
<td>2 V + 1 U</td>
<td>3</td>
<td>3</td>
<td>6</td>
<td>Written exam</td>
<td>90</td>
<td>German</td>
</tr>
</tbody>
</table>

Informatics
1 Introduction in Informatics I  
Required  
3 V + 2 Ü  
1 4 6  
Written exam  
90-150  
German

2 Practical Course: Basics in Programming  
Required  
3 P + 1 Ü  
1 4 6  
Exercise  
90-150  
German

3 Introduction to Software Engineering  
Required  
3 V + 2 Ü  
2 5 6  
Written exam  
75-125  
German

4 Basics in Databases  
Required  
3 V + 1 Ü  
3 4 6  
Written exam  
75-125  
German

**Mechanical Engineering**

1 CAD and Machine Drawing 1 and 2  
Required  
2 V + 2 Ü  
1-2 4 5  
Exercise + Written exam  
60  
German

2 Engineering Mechanics I (separately for TUM-BWL)  
Required  
2 V + 2 Ü  
1 4 6  
Written exam  
120  
German

3 Machine Elements I – Basics Manufacturing Application  
Required  
3 V + 2 Ü  
3 5 7  
Written exam  
120  
German

4 Materials in Mechanical Engineering  
Required  
2 V + 2 Ü  
4 4 6  
Written exam  
90  
German

**Major in Management**

Students must select one of the four majors in management.

If they choose **Innovation & Entrepreneurship**, they must successfully complete one of the five modules listed under Nos. 1a-e instead of the required module.

If they choose **Marketing, Strategy & Leadership**, they must successfully complete one of the two modules listed under No. 1a and No. 1b instead of the required module.

If they choose **Operations & Supply Chain Management** or **Finance & Accounting**, they must successfully complete the required module indicated.

Within their chosen focus area, students must also successfully complete further elective modules worth a total of 18 credits from the supplementary catalog of elective modules. This catalog will be published by the School of Management in appropriate form in good time before the first day of classes.
### Advanced Seminar

<table>
<thead>
<tr>
<th>Module</th>
<th>Module Name</th>
<th>Type of Instruction</th>
<th>SWS</th>
<th>Cr.</th>
<th>Type of Exam</th>
<th>Duration of Exam</th>
<th>Language of Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a</td>
<td>Advanced Seminar Innovation (=Main Seminar TIM)</td>
<td>Required elective</td>
<td>4</td>
<td>1/2</td>
<td>4</td>
<td>6</td>
<td>n/a</td>
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<tr>
<td></td>
<td></td>
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<td></td>
<td>Research paper</td>
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<td></td>
</tr>
<tr>
<td>1b</td>
<td>Advanced Seminar Entrepreneurship</td>
<td>Required elective</td>
<td>4</td>
<td>1/2</td>
<td>4</td>
<td>6</td>
<td>n/a</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
<td>Research paper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1c</td>
<td>Advanced Seminar Strategic Entrepreneurship</td>
<td>Required elective</td>
<td>4</td>
<td>1/2</td>
<td>4</td>
<td>6</td>
<td>n/a</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>Research paper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1d</td>
<td>Advanced Seminar Concepts in International Entrepreneurship</td>
<td>Required elective</td>
<td>4</td>
<td>1/2</td>
<td>4</td>
<td>6</td>
<td>n/a</td>
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<td></td>
<td>Research paper</td>
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</tr>
<tr>
<td>1e</td>
<td>Advanced Seminar in Entrepreneurial Behavior</td>
<td>Required elective</td>
<td>4</td>
<td>1/2</td>
<td>4</td>
<td>6</td>
<td>n/a</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Research paper</td>
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</table>

### Marketing, Strategy & Leadership (MSL)

<table>
<thead>
<tr>
<th>Module</th>
<th>Module Name</th>
<th>Type of Instruction</th>
<th>SWS</th>
<th>Cr.</th>
<th>Type of Exam</th>
<th>Duration of Exam</th>
<th>Language of Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a</td>
<td>Advanced Seminar Marketing, Strategy &amp; Leadership (Marketing)</td>
<td>Required elective</td>
<td>4</td>
<td>1/2</td>
<td>4</td>
<td>6</td>
<td>n/a</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Research paper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1b</td>
<td>Advanced Seminar Marketing, Strategy &amp; Leadership - Strategy and Organization</td>
<td>Required elective</td>
<td>4</td>
<td>1/2</td>
<td>4</td>
<td>6</td>
<td>k A.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Research paper</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Operations & Supply Chain Management

<table>
<thead>
<tr>
<th>Module</th>
<th>Module Name</th>
<th>Type of Instruction</th>
<th>SWS</th>
<th>Cr.</th>
<th>Type of Exam</th>
<th>Duration of Exam</th>
<th>Language of Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Elective in Management

As part of a period of residence abroad, students may take subject-related examinations worth a total of 18 credits at a foreign university. The student, together with a mentor assigned by the School, shall put together an individual semester curriculum that must be approved at the latest three weeks before the examinations are taken. The courses must be selected from those offered by the foreign university. Instead of taking examinations at a foreign university or in the elective in Management (see below), students can also choose from the courses offered as part of the majors in management at Master’s level. The supplementary catalog of elective modules will be published by the School of Management in appropriate form in good time before the first day of classes.

<table>
<thead>
<tr>
<th>No.</th>
<th>Module name</th>
<th>Module type</th>
<th>Type of instruction SWS/ S V Ü P</th>
<th>Sem.</th>
<th>SWS</th>
<th>Cr.</th>
<th>Type of exam.</th>
<th>Duration of exam.</th>
<th>Language of instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Public Economics I</td>
<td>Elective</td>
<td>2 V</td>
<td>1-4 1)</td>
<td>2</td>
<td>3</td>
<td>Written exam</td>
<td>60</td>
<td>German</td>
</tr>
<tr>
<td>2</td>
<td>Public Economics II</td>
<td>Elective</td>
<td>2 V</td>
<td>1-4 1)</td>
<td>2</td>
<td>3</td>
<td>Written exam</td>
<td>60</td>
<td>German</td>
</tr>
<tr>
<td>3</td>
<td>Public Economics III</td>
<td>Elective</td>
<td>2 V</td>
<td>3/4 1)</td>
<td>2</td>
<td>3</td>
<td>Written exam</td>
<td>60</td>
<td>German</td>
</tr>
<tr>
<td>4</td>
<td>Public Economics IV</td>
<td>Elective</td>
<td>2 V</td>
<td>3/4 1)</td>
<td>2</td>
<td>3</td>
<td>Written exam</td>
<td>60</td>
<td>German</td>
</tr>
<tr>
<td>5</td>
<td>Industrial Organization</td>
<td>Elective</td>
<td>2 V + 2 U</td>
<td>3</td>
<td>4</td>
<td>6</td>
<td>Written exam</td>
<td>120</td>
<td>German/English</td>
</tr>
</tbody>
</table>

Master's Thesis

| Master's Thesis | 30 | German/English |

Key:
Sem. = Semester; Exam. = Examination; SWS = Semesterwochenstunden (weekly hours per semester); V = Vorlesung (lecture); Ü = Übung (exercise); P = Praktikum (Practical Course), S = Seminar. The column "Duration of Exam." gives the length in minutes for written/oral examinations.
Notes:
1) Recommended semester depending on the major in management and engineering/natural science subject chosen by the student.

2) This module can be stretched over two semesters or more.
### III. Curriculum

#### 1. Curriculum for students choosing the engineering/natural science subject Chemistry

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Type of module</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td>Empirical Research in Management and Economics</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Leadership and Organization</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Required/required elective(s) Major in Management</td>
<td>Required/required elective</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Required module(s) Major in Engineering/Natural Science</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total credits in Semester 1:</strong></td>
<td></td>
<td></td>
<td><strong>30</strong></td>
</tr>
<tr>
<td>Semester 2</td>
<td>Economics III</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>EU Business Law</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Required elective(s) Major in Management</td>
<td>Required elective</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Required module(s) Major in Engineering/Natural Science</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total credits in Semester 2:</strong></td>
<td></td>
<td></td>
<td><strong>30</strong></td>
</tr>
<tr>
<td>Semester 3</td>
<td>Required module(s) Major in Engineering/Natural Science</td>
<td>Required</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Elective in Management</td>
<td>Elective</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total credits in Semester 3:</strong></td>
<td></td>
<td></td>
<td><strong>30</strong></td>
</tr>
<tr>
<td>Semester 4</td>
<td>Master's thesis</td>
<td>Required</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total credits in Semester 4:</strong></td>
<td></td>
<td></td>
<td><strong>30</strong></td>
</tr>
<tr>
<td><strong>Total credits for Master's in Management &amp; Technology/major in Chemistry:</strong></td>
<td></td>
<td></td>
<td><strong>120</strong></td>
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</tbody>
</table>

#### 2. Curriculum for students choosing the engineering/natural science subject Informatics

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Type of module</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td>Empirical Research in Management and Economics</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Required/required elective(s) Major in Management</td>
<td>Required/required elective</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Required module(s) Major in Engineering/Natural Science</td>
<td>Required/required elective</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total credits in Semester 1:</strong></td>
<td></td>
<td></td>
<td><strong>30</strong></td>
</tr>
<tr>
<td>Semester 2</td>
<td>Economics III</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>EU Business Law</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Required elective(s) Major in Management</td>
<td>Required elective</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Required module(s) Major in Engineering/Natural Science</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total credits in Semester 2:</strong></td>
<td></td>
<td></td>
<td><strong>30</strong></td>
</tr>
<tr>
<td>Semester 3</td>
<td>Required module(s) Major in Engineering/Natural Science</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Elective in Management</td>
<td>Elective</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Leadership and Organization</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total credits in Semester 3:</strong></td>
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<td></td>
<td><strong>30</strong></td>
</tr>
<tr>
<td>Semester 4</td>
<td>Master's thesis</td>
<td>Required</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total credits in Semester 4:</strong></td>
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<td></td>
<td><strong>30</strong></td>
</tr>
<tr>
<td><strong>Total credits for Master's in Management &amp; Technology/major in Informatics:</strong></td>
<td></td>
<td></td>
<td><strong>120</strong></td>
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</tbody>
</table>
3. Curriculum for students choosing the engineering/natural science subject
   Mechanical Engineering

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Type of module</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 1</td>
<td>Empirical Research in Management and Economics</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Leadership and Organization</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Required/required elective(s) Major in Management</td>
<td>Required/required elective</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Required module(s) Major in Engineering/Natural Science</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total credits in Semester 1:</strong></td>
<td></td>
<td></td>
<td><strong>30</strong></td>
</tr>
<tr>
<td>Semester 2</td>
<td>Economics III</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>EU Business Law</td>
<td>Required</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Required elective(s) Major in Management</td>
<td>Required elective</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Required module(s) Major in Engineering/Natural Science</td>
<td>Required</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total credits in Semester 2:</strong></td>
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<td></td>
<td><strong>29</strong></td>
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<tr>
<td>Semester 3</td>
<td>Required module(s) Major in Engineering/Natural Science</td>
<td>Required</td>
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<tr>
<td></td>
<td>Elective in Management</td>
<td>Elective</td>
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<tr>
<td><strong>Total credits in Semester 3:</strong></td>
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<td><strong>31</strong></td>
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<tr>
<td>Semester 4</td>
<td>Master's thesis</td>
<td>Required</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total credits in Semester 4:</strong></td>
<td></td>
<td></td>
<td><strong>30</strong></td>
</tr>
<tr>
<td><strong>Total credits for Master's in Management &amp; Technology/major in Mechanical Engineering:</strong></td>
<td></td>
<td><strong>120</strong></td>
<td></td>
</tr>
</tbody>
</table>
APPENDIX 2: Aptitude Assessment

Aptitude Assessment for the Master's Program in Management & Technology at the Technical University of Munich

1. Purpose of the Assessment

Eligibility for the Master’s Program in Management & Technology, in addition to the requirements pursuant to § 36 (1) numbers 1 and 2, requires proof of aptitude pursuant to § 36 (1) no. 3 in accordance with the following provisions. 2 The special qualifications and skills of the candidates should correspond to the profession of a management specialist. 3 Individual aptitude parameters are

1.1 specialized knowledge from (and success in) undergraduate studies in management,
1.2 knowledge of technical business/management/economic matters,
1.3 the ability to carry out research work and/or basic research and methodological work, and specialist linguistic competence (in both German and English) in the area of management,
1.4 particular dedication (demonstrated, for example, through details of commercial apprenticeships, internships during their studies, periods of residence abroad, periods as a working student or social projects),
1.5 interest in an interdisciplinary degree at the interface of management and engineering/natural science.

2. Aptitude Assessment Process

2.1 The aptitude test will be held annually by the School of Management.

2.2 Applications for admission to the aptitude test, including the documents set out in 2.3.1 through 2.3.5, must be filed with the Technical University of Munich via the online application process by May 31 for the winter semester (absolute deadline). 2 The degree certificate and diploma showing that the applicant has successfully completed the Bachelor’s degree must be filed with the Registrar’s Office of the Technical University of Munich no later than five weeks after the beginning of lectures. 3 If this is not done; the applicant will not be permitted to start the Master’s degree pursuant to § 36 of these regulations.

2.3 The application must include

2.3.1 a transcript of records including modules worth at least 140 credits; this transcript must be issued by the relevant examining authority or Academic Programs Office,

2.3.2 a Curriculum Vitae in table form,

2.3.3 a written statement of no more than 2 DIN A4 pages of the reasons for choosing the Master’s program in Management & Technology at the Technical University of Munich, in which the candidate explains those specific abilities and interests that make him or her particularly qualified for the Master’s program in Management & Technology at the Technical University of Munich; a candidate’s exceptional motivation and commitment is to be demonstrated by details on program-related vocational training, internships, stays abroad or program-related further education beyond the attendance and course
requirements of the Bachelor's program; if necessary, this should be backed up with appropriate documentation,

2.3.4 a written essay, in English or German, approximately 2,000 words in length; the chairperson of the committee may provide one topic or a selection of several topics for this essay; the candidates must be informed of the topic(s) not later than 15 May,

2.3.5 a declaration that both the statement of the reasons for choosing the program and the essay are the candidate's own work, and that the candidate has clearly identified any ideas taken from outside sources.

3. **Aptitude Assessment Committee**

3.1 ¹The aptitude test is administered by a committee that, as a rule, consists of the dean for academic affairs in charge of the Master’s program in Management & Technology, at least two members of the professorial faculty and at least one research associate. ²At least half of the committee members must be members of the professorial faculty. ³A representative of the student body shall also participate in the committee in an advisory capacity.

3.2 ¹The members of the committee are appointed by the faculty council in consultation with the dean for academic affairs. ²At least one member of the professorial faculty is appointed as deputy member of the committee. ³As a rule, the committee is chaired by the dean for academic affairs. ⁴Procedural regulations will be in accordance with Art. 41 of the BayHSchG as last amended.

4. **Admission to the Aptitude Assessment Process**

4.1 Admission to the aptitude assessment process requires that all the documentation specified in no. 2.3 has been submitted in a timely and complete fashion.

4.2 Applicants who have fulfilled the requirements will be tested according to no. 5.

4.3 Applicants who are not admitted will receive a rejection notice specifying the reasons and providing information on legal remedies.

5. **The Aptitude Assessment Process**

5.1 **First stage of the aptitude assessment process**

5.1.1 ¹The committee will assess, on the basis of the written application documents required under no. 2.3, whether or not an applicant is suitable for a program pursuant to no. 1 (First stage of the aptitude assessment process). ²For this purpose, the committee evaluates and grades the candidate's documentation on a scale ranging from 0 to 100 points, 0 being the worst and 100 the best possible result. ³There will be no negative points.

The following criteria will be applied to the evaluation:

a) **Academic qualification**

¹The curricular analysis is not conducted in the form of a schematic comparison of the modules, but rather on the basis of competencies. ²It will encompass the subject
groups of the Bachelor's program in Management & Technology at the Technical University of Munich listed in the table below.

<table>
<thead>
<tr>
<th>Subject group</th>
<th>Credits TUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basics in Management</td>
<td>51</td>
</tr>
<tr>
<td>Basics in Economics</td>
<td>12</td>
</tr>
<tr>
<td>Basics in Law</td>
<td>12</td>
</tr>
<tr>
<td>Basics in Mathematics/Natural Science</td>
<td>18</td>
</tr>
<tr>
<td>Specialization in Management and Economics</td>
<td>18</td>
</tr>
<tr>
<td>Interdisciplinary qualification</td>
<td>3</td>
</tr>
<tr>
<td>Project Studies</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>126</strong></td>
</tr>
</tbody>
</table>

³Where candidates’ competencies are at least equivalent to those listed above, they will be awarded a maximum of 60 points. ⁴Missing competencies will be deducted in accordance with the credits of the corresponding modules of the Bachelor’s program in Management & Technology at the Technical University of Munich in a ratio of 60:126 (relative method).

b) **Final grade**

⁵For each two-tenths of a grade that the average of all the applicant’s examinations (worth at least 140 credits) is better than 3.0, the applicant will be awarded one point. ⁶The maximum number of points is 10. ³Where a degree was obtained outside of Germany, the grade will be converted according to what is referred to as the "Bavarian formula". ⁴If the applicant, at the time of filing the application, submits a final degree certificate showing more than 140 credits, the assessment will be made on the basis of the modules that were awarded the best grades, up to a total of 140 credits. ⁵The applicant must list these modules in the application and confirm the accuracy of the information presented in writing. ⁶The average is calculated on the basis of graded module examinations worth a total of 140 credits. ⁷The overall grade average will be calculated as the weighted grade average of the modules. ⁸The weighting of the grades for individual modules corresponds to the credits assigned to each module.

c) **Letter of motivation**

⁷The applicant’s written statement of purpose will be evaluated by two committee members and graded on a scale of 0-5 points. ⁸The motivation letter will be assessed using the following criteria:

1. exceptional motivation and commitment (demonstrated by details of program-related vocational training, internships during their studies, stays abroad, periods as a working student or social projects),
2. interest in an interdisciplinary degree at the interface of management and engineering/natural science

³The committee members assess each of the criteria independently; the criteria will be weighted as follows
1. exceptional motivation and commitment: x3
2. interest in an interdisciplinary degree at the interface of management and engineering/natural science: x2

The points for each committee member will be calculated as the sum of the weighted assessments for each criterion divided by 5, rounded up to the nearest full point. The overall assessment will be calculated as the arithmetic mean of the assessments of the two committee members, rounded up to the nearest full point. The maximum number of points is 5.

**d) Essay**

1. The essay will be evaluated by two committee members. 2. The contents of the essay will be assessed using the following criteria:

1. knowledge of management and technical issues,
2. ability to carry out research work and/or basic research and methodological work,
2. specialist linguistic competence.

The committee members assess each of the criteria independently on a scale of 0 to 5; the criteria will be weighted as follows:

1. knowledge of management and technical issues: x2,
2. ability to carry out research work and/or basic research and methodological work: x2,
2. specialist linguistic competence: x1.

The points for each committee member will be calculated as the sum of the weighted assessments for each criterion. The overall assessment will be calculated as the arithmetic mean of the assessments of the two committee members, rounded up to the nearest full point. The maximum number of points is 25.

5.1.2 The applicant's points total is calculated as the sum of the individual points awarded in a) to d).

5.1.3 Applicants who have achieved at least 75 points will receive confirmation that they have passed the aptitude assessment test.

5.1.4 Unsuitable applicants with an overall grade of fewer than 65 points will receive a rejection notice, signed by the TUM Board of Management, specifying the reasons for rejection and providing information on legal remedies. Signatory power may be delegated.

5.2 Second stage of the aptitude assessment process

**Assessment Interview**

5.2.1 The remaining applicants will be invited for an aptitude assessment interview. In the second stage of the aptitude assessment process, the applicant’s qualification at undergraduate level and the result of the assessment interview will be evaluated, with at least equal consideration given to the qualification obtained at undergraduate level. Interview appointments will be announced at least one week in advance. Time slots for interviews must be scheduled before expiration of the application deadline. If the applicant is unable to
attend an aptitude assessment interview due to reasons beyond their control, a later appointment may be scheduled upon a student’s well-grounded request, but no later than two weeks before the beginning of classes.

5.2.2 ¹The aptitude assessment interview is to be held individually for each applicant. ²The interview lasts at least 20 and not more than 30 minutes for each applicant. ³The interview will focus on the following topics:

1. interest in an interdisciplinary degree at the interface of management and engineering/natural science,
2. knowledge of management and technical issues,
3. competence is using the technical language of management (in German and English).

⁴The interview may also cover the documentation submitted pursuant to § 2 (3). ⁵Any subject-specific academic knowledge that is to be taught in the Master’s program in Management & Technology will not affect the decision. ⁶With the applicant’s approval, a representative of the student body may sit in on the interview.

5.2.3 ¹The aptitude assessment interview will be conducted by at least two members of the committee. ²The committee members will grade each of the three topics independently. ³Each member will grade the result for each topic on a scale from 0 to 10, 0 being the worst and 10 being the best possible result. ⁴The three points will be weighted as follows:

1. interest in an interdisciplinary degree at the interface of management and engineering/natural science: x2
2. knowledge of management and technical issues: x3
3. competence is using the technical language of management (in German and English): x1.

⁵The points for each committee member will be calculated as the sum of the weighted grades for the individual topics. ⁶The points total will be calculated as the arithmetic mean of the points for the two committee members, rounded up to the nearest full point. ⁷The maximum number of points is 70.

5.2.4 ¹The applicant’s points total in the second stage is calculated as the sum of all points obtained under 5.2.3 and the points under a) (academic qualification) and b) (grade). ²Applicants with 100 or more points will be deemed suitable.

5.2.5 ¹The applicant will be notified of the result of the aptitude test as decided by the committee in writing. ²The notice must be signed by the TUM Board of Management. ³Signatory power may be delegated. ⁴A rejection notice must specify the reasons for the rejection and provide information on legal remedies.

5.2.6 Admissions to the Master’s program in Management & Technology shall apply to all subsequent applications for this program.

6. Record

¹The aptitude assessment process must be documented, including the date, duration and location of the assessment, the names of the committee members, the applicant’s name and the decision of the members of the committee, as well as the overall result. ²This record must contain the essential reasons for the decision and the topics
discussed at the interview with the applicant; these reasons and topics may be recorded in note form.

7. **Repetition**

Applicants who fail the aptitude test for the Master’s program in Management & Technology may register to repeat the Aptitude Assessment Test once.