Examination Regulations (Rules)  
of the Faculty of Engineering  
at Christian-Albrechts-Universität zu Kiel (Kiel University)  
for students of 'Materials Science and Business Administration'  
leading to a Master of Science degree (M.Sc.) - 2019  
of 22 February 2019

[Non-official publication]

Based on Section 52 (1) 1 of the Schleswig-Holstein Higher Education Act (HSG) in the version published on 5 February 2016 (Law and Official Gazette for the Land of Schleswig-Holstein (GVOBl. Schl.-H.) p.39), amended by the Act of 10 February 2018 (GVOBl. Schl.-H., p. 68), after a resolution was passed by the Convention of the Faculty of Engineering of 28 November 2018 and a fast-track decision by the Dean of the Faculty of Engineering of 29 November 2018, the following Rules were issued:

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§ 1  
Scope of application

(1) These degree-specific examination regulations (FPO) in conjunction with the Examination Procedure Regulations (Rules) of Christian-Albrechts-Universität zu Kiel (Kiel University) for students of Bachelor’s and Master’s Degree Programmes (PVO) apply to the teaching and assessment of “Materials Science and Business Administration” leading to a Master of Science degree (M.Sc.) at Kiel University.

(2) The degree-specific examination regulations (FPO) of the Faculty of Business, Economics and Social Sciences for students of the “Business” Bachelor of Science (B.Sc.) and Master of Science (M.Sc.) degree programmes apply for the modules from the Faculty of Business, Economics and Social Sciences which form part of this degree programme.

(3) Admission to modules offered by other faculties or other institutes of the same faculty and the respective module examinations are subject to the examination regulations of the respective faculties or institutes.

§ 2  
Objective of the degree programme

The degree resulting from the Master’s degree programme is a further advanced scientific degree in Business Administration with a focus on the field of Materials Science, qualifying for a professional career. It aims to equip graduates with the ability to assume tasks with a high level of responsibility in companies or in public administration senior service, or as freelancers and to qualify them for independent scientific work.

§ 3  
Structure and scope of curriculum, standard period of study

(1) The standard period of study for the Master’s degree programme is four semesters.

(2) The degree programme covers around 69 weekly 45-minute teaching units for the duration of one semester of about 12 weeks (Semesterwochenstunden - SWS) and is worth 120 ECTS credits.

(3) At least 48 ECTS credits must be obtained in the compulsory modules, which are defined in Annex 1.

(4) In accordance with Annex 3, compulsory elective modules worth 20 ECTS credits from the special Business section (SBWL) must be completed from the range offered by the Business department.

(5) In accordance with Annex 2, compulsory elective modules worth 22 ECTS credits must be completed from the range offered by the Materials Science department for the Master’s degree programme in Materials Science and Business Administration. A maximum of two modules from the “Master Lab 1-3” range may be included.

(6) A Master’s thesis worth 30 ECTS credits must be successfully completed.

§ 4  
Teaching and examination language

Lectures and examinations will be held in English. Individual modules in the compulsory elective section can also be taught and have examinations in German.
§ 5
Academic year

(1) The degree programme in Materials Science and Business Administration leading to a Master of Science degree is organised according to the academic year, starting in the winter semester. As a general rule, a course will be offered once a year. Courses which, according to the curriculum are planned for an odd-numbered semester, are generally offered in the winter semester. Courses which, according to the curriculum are planned for an even-numbered semester, are generally offered in the summer semester.

(2) Registrations for both odd and even-numbered semesters are possible for the winter and summer semester. We recommend starting the degree programme in the winter semester because otherwise it may not be possible to complete the studies as per the curriculum and qualification within the standard period of study cannot be guaranteed.

(3) Aptitude tests are only conducted in the winter semester, for the following winter and summer semester.

§ 6
Admission to the Master’s degree programme

(1) Prerequisites for admission to the Master’s degree programme are:

1. Submission of a complete aptitude assessment application for the Master’s degree programme to the Materials Science and Business Administration Examination Board before the deadline stated on the Institute for Materials Science website. The following documents are to be included with the application in German and English:
   a) the Bachelor’s certificate or a document showing the date on which the qualification is expected to be achieved,
   b) the official grade transcript associated with the degree, including the grading system, and
   c) the Module Handbook for the degree or a comparable document showing the scope in terms of time, teaching forms, contents and learning objectives of the individual modules

2. A degree with a standard period of study lasting at least three years at a German university or comparable foreign institution of higher education, which was completed with a Bachelor’s examination or equivalent final examination with at least 180 ECTS credit points.

3. A qualification assessment with at least 24 out of 48 possible points. For this, the candidate’s existing qualification is assessed based on the first university qualification for entry into a profession, according to the following criteria:

   a) Comparability of the field of study (0 to 24 points)
      The first university qualification for entry into a profession is compared to the contents of the Bachelor’s degree in Materials Science and Business Administration at Kiel University and points are awarded according to the number of similarities. 24 points are awarded in the event of complete comparability. Zero points are awarded if there are no similarities in terms of content.

   b) Final grade (0 to 12 points)
      The candidate’s final grade is weighted in the range between the minimum grade required to pass and the best grade at the home university. To do this, the grading system for the first university qualification for entry into a profession and the grade awarded in accordance with this system is transferred proportionally to a scale from zero (worst possible grade) to 12 (best grade) points.

   c) Individual grades in Maths, Physics and Chemistry in the first three semesters (0 to 4 points each).
In accordance with the procedure in Number 2, the respective average grades from the first three semesters from foundation modules in Maths, Physics and Chemistry are transferred to a points scale from zero (worst possible grade) to four (best grade) points.

(2) If English is not the candidate's native language or the candidate has not obtained an English university entrance qualification or English Bachelor's degree, evidence must be provided of English language skills corresponding with level B2 under the Common European Framework of Reference for Languages (CEFR) (for example, at least TOEFL® IBT: 72 points, Cambridge Proficiency, Oxford Higher Certificate, International Certificate Conference ICC Stage 3 (Technical) or IELTS: 6.0 points).

(3) Applications for the aptitude test for admission to the Master's degree programme, including the necessary proof of qualification as mentioned in (1) and (2), are to be addressed to the Materials Science and Business Administration Examination Board.

§ 7
Academic title

(1) The student is awarded the degree of Master of Science (M.Sc.) if he or she has obtained at least a final grade of 'sufficient'.

(2) The Master's certificate is in English.

(3) The degree programme and branch of study is stated as “in Materials Science and Business Administration” on the degree certificate.

§ 8
Examination Board

(1) The Materials Science and Business Administration Examination Board is responsible for the organisation of examinations in accordance with these Examination Regulations, as well as for the tasks allocated by these Examination Regulations. The business of the Examination Board is managed by the Materials Science Examination Office.

(2) The Business Administration Examination Board consists of seven members.

(3) The Faculty Convention of the Faculty of Engineering selects three members from the university lecturers' group, two members of the student body and one member from the scientific staff group.

§ 9
Requirements for admission to examinations

(1) If a module contains field trips, lab courses or practical exercises, admission to the examination assumes regular attendance at these courses.

(2) If a module includes courses that are not mentioned in (1), admission to the examination assumes regular attendance at these courses, if the individual students cannot achieve the qualification objective without regular attendance, if attendance is necessary in order to grasp the basic subject-specific methods, or if acquiring competence is dependent on the presence of the other participants, or on being present at a certain place. This is the case for advanced seminars and projects within the scope of this degree programme. The obligation for regular attendance at an advanced seminar within the
scope of this degree programme is based on the premise that, in addition to oral presentations given by students, the course also provides the opportunity for all seminar attendees to learn scientific discussion. As such, in addition to the acquisition of specialist knowledge, the learning objectives of a seminar specifically encompass the development of analytical and rhetorical skills, the use of presentation techniques and the ability to successfully work in teams. An essential learning objective within a project is the ability to successfully work in teams. This learning objective can only be achieved through regular attendance.

(3) Modules for which admission to the examination is subject to regular attendance are marked in the programme schedule. For all other modules, regular attendance is not required for admission to the examinations. The requirements for admission to the examinations for the imported subjects are contained in the degree-specific examination regulations of the department offering the course.

(4) For courses with compulsory attendance, which take place weekly over the entire lecture period, a maximum of 20% of all course dates may be missed due to illness or other good reasons in accordance with Section 52 (4) HSG. If more dates are missed, the authorised examining teacher responsible for the module has the option to make up for the parts of the course which were missed with an equivalent achievement, provided that the type of course permits this. However, students do not have the right to demand this.

(5) In addition, admission to examinations can also be made dependent on other conditions. Other examination prerequisites can also include: passed exercises, oral presentations, term papers, certificates or tests. Details will be published in a suitable manner by no later than the start of the course.

§ 10 Module examinations

(1) The Master’s examination consists of module examinations and a Master’s thesis.

(2) The teaching and examination language for each module is defined in the module handbook.

(3) Oral examinations and oral presentations are permitted as oral types of examination. Group examinations of up to three candidates are possible. The duration of a final oral examination for a module is usually at least 15 minutes and no more than 30 minutes per candidate.

(4) Written examinations, tests and term papers are permitted as written types of examination. The duration of a written examination is usually at least 60 minutes and no longer than 120 minutes.

(5) In a lab course, the examination takes the form of successfully completed individual experiments (certificates). Failed practical experiments may only be repeated if the corresponding module is on offer, but at least once within two semesters.

(6) Partial examinations may consist of term papers, practical laboratory exercises, protocols, oral presentations, written or oral tests. The type, number and weighting of the partial examinations are determined in the module description. The module coordinator may deviate from the module description in justified cases, if the student receives all necessary information at the beginning of the course.

§ 11 Master’s thesis

(1) Students who have obtained at least 52 ECTS credits in the Materials Science section and 20 ECTS credits in the Economics and Business section from module examinations in compulsory and compulsory elective modules may be admitted to the Master’s thesis. The Examination Board may deviate from this rule in justified exceptional cases.
(2) Admission to the Master’s thesis must be applied for in writing at least three weeks before starting work on the thesis to the Materials Science Examination Office.

(3) The thesis will be issued and supervised by a university lecturer active in teaching and research of the specialist field of Materials Science at Kiel University’s Faculty of Engineering. The thesis may also be supervised by a university lecturer from Economics and Business upon a written request to the Chairperson of the Examination Board.

(4) When applying for admission to the Master’s thesis, the examination candidate may propose examiners and a topic for the thesis, without this giving rise to any claim for the proposal to be considered.

(5) The period for completing the Master’s thesis is six months. This deadline may only be extended by up to three months in exceptional cases. More details can be found in the PVO. The Chairperson of the Examination Board may decide on an extension upon a written request.

(6) In the case of a Master’s thesis which is prepared in cooperation with an officially recognised university, the deadline may be adapted to that of the cooperating university in justified exceptional cases. In this case, the topic, the objective and the scope of the thesis must be adjusted to suit the amended completion deadline. A corresponding application is to be included with the application as per (2).

(7) The topic of the Master’s thesis may be handed back only once and only within the first two months.

(8) The Master’s thesis will be assessed by two examiners within four weeks of submission.

(9) The Master’s thesis may be written in English or German. Amendments or supplements in other languages are not permitted.

(10) A dedication may be included in the front of the actual Master’s thesis and/or acknowledgements at the end. These must be in English or German.

(11) The Master’s thesis is to be submitted to the Materials Science Examination Office in the form of two hard copies and additionally one identical, editable copy in a form suitable for electronic data processing.

§ 12
Calculation of the overall grade

(1) When calculating the overall grade, the relevant module grades and the grade for the Master’s thesis are weighted by ECTS credits as allocated to the modules.

(2) A section account is set up for the compulsory modules, with the average grade for each section (calculated to one decimal place) used for the calculation of the overall grade.

(3) One section account is set up for the compulsory elective modules from Materials Science and one section account is set up for the compulsory elective modules from Economics and Business, with the average grade for each section (calculated to one decimal place) used for the calculation of the overall grade.

(4) In order to achieve the required number of ECTS credits in the compulsory elective modules in Materials Science for the section account, the best modules from this section will be considered in descending order, until at least the required number of ECTS credits is obtained. Upon application to the Examination Office, the order can be changed with the submission of the last examination.

(5) The grade for the section account for compulsory elective modules in Economics and Business is calculated from the arithmetic mean of the weighted grades for the section accounts for the special Business section (SBWL) in which modules were taken and successfully completed. The weighting of a section account corresponds to the number of ECTS credits that were gained within the SBWL.

(6) If the required number of ECTS credits in the section accounts is exceeded with the last module considered, the full number of ECTS credits for this module will be taken into
account for the grade calculation. However, the section accounts are always included in
the calculation of the overall grade with a fixed number of ECTS credits.

(7) Calculating the overall grade:

Compulsory modules:

Grade component \( (G_{cm}) = \sum \frac{Grade \cdot ECTS \, credits}{48} \) Compulsory modules

Compulsory elective modules in Materials Science

Grade component \( (G_{cem}) = \sum \frac{Grade \cdot ECTS \, credits}{Total \, ECTS \, credits} \) Compulsory elective modules MaWi

Compulsory elective modules in Economics and Business:

Grade component \( (G_{cew}) = \sum \frac{Grade \cdot ECTS \, credits}{Total \, ECTS \, credits} \) Compulsory elective modules SBWL

Overall Grade \( = \frac{G_{cm} \cdot 48}{120} + \frac{G_{cem} \cdot 22}{120} + \frac{G_{cew} \cdot 20}{120} + \frac{Grade \, Master'\, s \, Thesis \cdot 30}{120} \)
§ 13
Entry into force

These rules enter into force on 1 October 2019.

The University Board at Kiel University granted its approval in accordance with Section 52 (1) 1 of the Schleswig-Holstein Higher Education Act (HSG) in its letter dated 21 February 2019.

Kiel, 22 February 2019

Prof. Dr Hermann Kohlstedt
Dean of the Faculty of Engineering
at Kiel University

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**Article 2 of the amended Examination Regulations of 12 July 2019:**
These Examination Regulations enter into force on 1 October 2019.

**Article 2 of the amended Examination Regulations of 14 February 2020:**
These Examination Regulations enter into force on the day of their announcement and apply for the first time for the winter semester 2020/21.
## Annex:
### Programme schedule for the Master’s degree programme

**Materials Science and Business Administration**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Module code</th>
<th>Module name</th>
<th>Course type</th>
<th>SWS</th>
<th>Compulsory/compulsory elective</th>
<th>Admission requirements</th>
<th>Type of examination</th>
<th>ECTS credits</th>
<th>Compulsory attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>702</td>
<td>Solid State Physics 1</td>
<td>Lecture, Practical exercise</td>
<td>2</td>
<td>Compulsory</td>
<td>none</td>
<td>Written or oral examination</td>
<td>(4)</td>
<td>.*</td>
</tr>
<tr>
<td></td>
<td>711</td>
<td>Analytics 1</td>
<td>Lecture, Practical exercise</td>
<td>2</td>
<td>Compulsory</td>
<td>none</td>
<td>Written or oral examination</td>
<td>4</td>
<td>.*</td>
</tr>
<tr>
<td></td>
<td>705</td>
<td>Advanced Materials A</td>
<td>Lecture, Practical exercise</td>
<td>4</td>
<td>Compulsory</td>
<td>none</td>
<td>2 Written or oral examinations (zP, 50:50)</td>
<td>8</td>
<td>.*</td>
</tr>
<tr>
<td></td>
<td>707</td>
<td>Advanced Mathematics</td>
<td>Lecture, Computer task, Practical exercise</td>
<td>2</td>
<td>Compulsory</td>
<td>none</td>
<td>Written or oral examination</td>
<td>6</td>
<td>.*</td>
</tr>
<tr>
<td></td>
<td>708</td>
<td>Thermodynamics and Kinetics 1</td>
<td>Lecture, Practical exercise</td>
<td>2</td>
<td>Compulsory</td>
<td>none</td>
<td>Written or oral examination</td>
<td>4</td>
<td>.*</td>
</tr>
<tr>
<td></td>
<td>SBWL Electives 1 #</td>
<td>j.n.M.</td>
<td>Compulsory elective</td>
<td>j.n.M.</td>
<td>j.n.M.</td>
<td>5</td>
<td>j.n.M.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total 1st semester</td>
<td>(31)</td>
<td>19</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>702</td>
<td>Solid State Physics 2</td>
<td>Lecture, Practical exercise</td>
<td>2</td>
<td>Compulsory</td>
<td>none</td>
<td>Written or oral examination</td>
<td>(4)</td>
<td>.*</td>
</tr>
<tr>
<td></td>
<td>706</td>
<td>Advanced Materials B</td>
<td>Lecture, Practical exercise</td>
<td>4</td>
<td>Compulsory</td>
<td>none</td>
<td>2 Written or oral examinations (zP)</td>
<td>8</td>
<td>.*</td>
</tr>
<tr>
<td></td>
<td>MaWi Electives</td>
<td>j.n.M.</td>
<td>Compulsory elective</td>
<td>j.n.M.</td>
<td>j.n.M.</td>
<td>10</td>
<td>j.n.M.</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>SBWL Electives 2 #</td>
<td>j.n.M.</td>
<td>Compulsory elective</td>
<td>j.n.M.</td>
<td>j.n.M.</td>
<td>10</td>
<td>j.n.M.</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Total 2nd semester</td>
<td>(32)</td>
<td>44</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BWLMPr ojekt-01a</td>
<td>Master Project</td>
<td>Projects Seminar</td>
<td>8</td>
<td>Compulsory</td>
<td>At least 44 ECTS</td>
<td>Oral presentation with a written report (zP)</td>
<td>10</td>
<td>.* Yes</td>
</tr>
<tr>
<td></td>
<td>SBWL Electives 3 #</td>
<td>j.n.M.</td>
<td>Compulsory elective</td>
<td>j.n.M.</td>
<td>j.n.M.</td>
<td>5</td>
<td>j.n.M.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total 3rd semester</td>
<td>27</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>1001</td>
<td>Master’s Thesis</td>
<td>Final thesis</td>
<td>6</td>
<td>Compulsory</td>
<td>At least 72 ECTS</td>
<td>Written report</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total 4th semester</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Overall total:</td>
<td>(120)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

zP: zusammengesetzte Prüfung = composite examination / j.n.M.: je nach Modul = depending on the module

- * Attendance to these courses is not compulsory. However, course attendance is expressly recommended to enable scheduled studies in line with this curriculum.

# The degree-specific examination regulations (FPO) of the Faculty of Business, Economics and Social Sciences for students of the “Business” Master of Science (M.Sc.) degree programmes apply for the modules to be selected in these sections.
## Appendix 1: Compulsory elective modules in Materials Science

(08.06.2020)

(Not part of the statutes)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Module code</th>
<th>Module name</th>
<th>Course type</th>
<th>SWS</th>
<th>Compulsory/ Compulsory elective</th>
<th>Admission requirements</th>
<th>Type of examination</th>
<th>ECTS credits</th>
<th>Compulsory attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wintersemester</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>709</td>
<td>Master Lab 1</td>
<td>Internship</td>
<td>3</td>
<td>Compulsory elective</td>
<td>none</td>
<td>8 Testate</td>
<td>4</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>949-01a</td>
<td>Electron Microscopy</td>
<td>Lecture Practical exercise</td>
<td>3</td>
<td>Compulsory elective</td>
<td>none</td>
<td>Written or oral examination</td>
<td>7</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>050-01a</td>
<td>Micro- and Nanosystem Technology</td>
<td>Lecture Practical exercise</td>
<td>3</td>
<td>Compulsory elective</td>
<td>none</td>
<td>Written or oral examination</td>
<td>7</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>951-01a</td>
<td>Semiconductors and Defects</td>
<td>Lecture Practical exercise</td>
<td>2</td>
<td>Compulsory elective</td>
<td>none</td>
<td>Written or oral examination</td>
<td>5</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>952-01a</td>
<td>Smart Materials</td>
<td>Lecture Practical exercise</td>
<td>2</td>
<td>Compulsory elective</td>
<td>none</td>
<td>Written or oral examination</td>
<td>5</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>953-01a</td>
<td>Thin Films</td>
<td>Lecture Practical exercise</td>
<td>3</td>
<td>Compulsory elective</td>
<td>none</td>
<td>Written or oral examination</td>
<td>7</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>948-01a</td>
<td>Cell Mechanics</td>
<td>Lecture Practical exercise</td>
<td>2</td>
<td>Compulsory elective</td>
<td>none</td>
<td>Written or oral examination</td>
<td>7</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>919</td>
<td>Advanced Organic Materials</td>
<td>Advanced seminar</td>
<td>2</td>
<td>Compulsory elective</td>
<td>none</td>
<td>Oral presentation with a written report (zP)</td>
<td>3</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>921</td>
<td>Magnetic Materials: Physics and Applications</td>
<td>Lecture Practical exercise</td>
<td>2</td>
<td>Compulsory elective</td>
<td>none</td>
<td>Written or oral examination</td>
<td>5</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>955-01a</td>
<td>Chemistry and Physics of Biomaterials</td>
<td>Lecture Practical exercise seminar</td>
<td>3</td>
<td>Compulsory elective</td>
<td>none</td>
<td>Written or oral examination</td>
<td>7</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>931</td>
<td>Selected Topics in Materials Science</td>
<td>Advanced seminar</td>
<td>2</td>
<td>Compulsory elective</td>
<td>none</td>
<td>Oral presentation with a written report (zP)</td>
<td>3</td>
<td>Yes</td>
<td></td>
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<tr>
<td>938</td>
<td>Master Lab 3</td>
<td>Internship</td>
<td>3</td>
<td>Compulsory elective</td>
<td>none</td>
<td>8 Testate</td>
<td>4</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>940-01a</td>
<td>Linear Finite Element Methods</td>
<td>Lecture Practical exercise</td>
<td>2</td>
<td>Compulsory elective</td>
<td>none</td>
<td>Written or oral examination</td>
<td>5</td>
<td>*</td>
<td></td>
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</tbody>
</table>

*zP: zusammengesetzte Prüfung = composite examination / j.n.M.: je nach Modul = depending on the module

*- Attendance to these courses is not compulsory. However, course attendance is expressly recommended to enable scheduled studies in line with this curriculum.
Appendix 2: Compulsory elective modules in the Economics and Business section
(not part of the statutes)

The degree-specific examination regulations (FPO) of the Faculty of Business, Economics and Social Sciences for students of the "Business" Bachelor of Science (B.Sc.) and Master of Science (M.Sc.) degree programmes apply for the modules to be selected in these sections.

A total of 20 ECTS credits must be completed. 15 ECTS credits must be completed from the special Business section (e.g. SBWL A). The selected SBWL is made up of three modules, whereby at least one lecture module (V+Ü) must be selected. Completing a research seminar is not absolutely necessary. In order to achieve the remaining 5 ECTS credits in the compulsory elective section, one module must be completed which is not part of the selected SBWL A.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Section</th>
<th>Modules</th>
<th>Teaching method</th>
<th>Status</th>
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<th>ECTS</th>
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<td>SBWL A / 1</td>
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<td>SBWL A / 2</td>
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<td>2V + 1Ü or 2S</td>
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<td></td>
<td>SBWL A / 3</td>
<td>V + Ü or seminar</td>
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<td>Module from SBWL (not A)</td>
<td>V + Ü or seminar</td>
<td>Compulsory elective</td>
<td>2V + 1Ü or 2S</td>
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</tbody>
</table>

Explanations:
WPF: Wahlpflicht / compulsory elective, LP: Leistungspunkte / ECTS credits, V: Vorlesung / lecture, Ü: Übung / exercise, S: Forschungsseminar / research seminar,
SBWL: Spezielle Betriebswirtschaftslehre / special Business section

The SBWL options are to be taken from the following module overview. The modules for the compulsory elective section may also only be chosen from this SBWL.

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<tr>
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<th>Module code</th>
<th>Module name</th>
<th>Course type</th>
<th>SWS</th>
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<th>Admission requirements</th>
<th>Type of examination</th>
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<td>BWL-MarkFor</td>
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<td>bwlCrossCulMark-01a</td>
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**SBWL in the field of Start-up and Innovation Management**

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<td>BWL-InnoMStrat</td>
<td>Innovation Management: Strategies and Actors</td>
<td>Lecture Exercise</td>
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<td>BWL-Entropy</td>
<td>Entrepreneurship</td>
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**SBWL in the field of Technology Management**

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<td>BWL-OrgaRnD</td>
<td>Organizing Research and Development (in English)</td>
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<td>BWL-ManSrvi</td>
<td>Management of Service Innovations</td>
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### SBWL in the field of Organisation

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### SBWL in the field of Supply Chain Management

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### SBWL in the field of Company Taxation

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