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Academic and Examination Regulations for the Bachelor's Degree Program Architecture at the Technical University of Munich

dated 9 May 2022

In accordance with Art. 13(1) Sentence 2 in conjunction with Art. 58(1) Sentence 1 and Art. 61(2) Sentence 1 of the Bavarian Higher Education Act [Bayerisches Hochschulgesetz (BayHSchG)] the Technical University of Munich issues the following Regulations:

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I. General Provisions

§ 34

Applicability, Academic Titles, Related Degree Programs

- (1) ¹These Academic and Examination Regulations (FPSO) complement the General Academic and Examination Regulations for bachelor's and master's programs at the Technical University of Munich (APSO) dated 18 March 2011 as amended. ²The APSO has precedence.
- (2) ¹Upon successful completion of the bachelor's examination, the degree "Bachelor of Arts" ("B.A.") is awarded. ²The academic title may also be used with the name of the university "(TUM)".
- (3) ¹There is no related degree program to the Bachelor's Degree Architecture at the Technical University of Munich. ²If a student transfers from another university to the Technical University of Munich, the examination board in charge will decide on the basis of the examination/general academic regulations of that other university if the programs are related.

§ 35

Commencement of Studies, Standard Duration of Study, ECTS

- (1) Commencement of studies for the Bachelor's Degree Program Architecture is governed by § 5 of the APSO.
- (2) ¹ The number of credits in required and elective subjects needed to obtain the bachelor's degree is 225 credits (150.3 SWS/weekly hours per semester). ²Students have an additional nine weeks to complete their bachelor's thesis (12 credits) and 3 credits for the Bachelor's Colloquium. ³The number of coursework units and examinations in required and elective subjects to be completed in the Bachelor's Degree Program Architecture according to Appendix 1 is a minimum of 240 credits. ⁴The standard duration of study for the bachelor's program is a total of eight semesters.

§ 36

Eligibility Requirements

- (1) The general admission requirements for studying at a university in accordance with the Regulations on the Qualification for Study at Universities of the Free State of Bavaria and the State-Accredited Private Universities (Verordnung über die Qualifikation für ein Studium an den Hochschulen des Freistaates Bayern und den staatlich anerkannten nichtstaatlichen Hochschulen, QuallV, BayRS 2210-1-1-3-K/WK), as amended, need to be met for the Bachelor's Degree Program Architecture.
- (2) In addition, proof of aptitude in accordance with the rules for aptitude assessment for the Bachelor's Degree Program Architecture dated 2 May 2022 is required.

§ 37

Modular Structure, Courses, Language of Instruction

- (1) ¹General provisions concerning modules and courses are set out in §§ 6 and 8 of the APSO. ²For any changes to the stipulated module provisions, § 12(8) of the APSO applies.
- (2) The curriculum listing the required and elective modules is included in Appendix 1.
- (3) As a rule, the language of instruction in the Bachelor's Degree Program Architecture is German.

§ 37 a

Internship, Excursions, Stay Abroad

- (1) ¹It is recommended to complete a professional internship. ²Successful participation is confirmed by the companies and institutions where the internship was undertaken.
- (2) ¹To obtain the bachelor's certificate, students must provide documentation of ten excursion days (4 credits). ²Participation in the excursions includes briefings and debriefings before and after the excursion.
- (3) ¹Students must complete a stay abroad of at least one semester at a foreign university or at a foreign institution related to the content of the Bachelor's Degree Program Architecture, during which they are expected to earn 30 credits. ²The universities and institutions confirm successful participation by awarding credits. ³Verification of the completed stay abroad as well as recognition by the Examination Board are prerequisites for the admission to commence the bachelor's thesis. ⁴In cases of hardship that prove to make it impossible for students to study abroad, the Examination Board will decide, upon a justified request, how the respective credits can be earned at the Technical University of Munich.

§ 38

Examination Deadlines, Academic Progress Checks, Failure to Meet Deadlines

- (1) ¹Examination deadlines, academic progress checks, and failure to meet deadlines are governed by § 10 of the APSO. ²In the Bachelor's Degree Program Architecture, academic progress checks are based on the standard duration of study of eight semesters. ³Deviating from § 10(3) No. 1 to 6 APSO, the following deadlines apply for the Bachelor's Degree Program Architecture:

⁴Of the modules listed in Appendix 1, the following are required:

1. At least 30 credits by the end of the third semester of enrollment in current degree program (Fachsemester),
2. At least 60 credits by the end of the fourth semester of enrollment in current degree program (Fachsemester),
3. At least 90 credits by the end of the fifth semester of enrollment in current degree program (Fachsemester),
4. at least 120 credits by the end of the sixth semester of enrollment in current degree program (Fachsemester),
5. at least 150 credits by the end of the seventh semester of enrollment in current degree program (Fachsemester),
6. at least 180 credits by the end of the eighth semester of enrollment in current degree program (Fachsemester),

7. At least 210 credits by the end of the ninth semester of enrollment in current degree program (Fachsemester),
8. At least 240 credits by the end of the tenth semester of enrollment in current degree program (Fachsemester).

- (2) ¹At least one of the module examinations from the required modules listed in Appendix 1 must be successfully completed by the end of the second semester. ²In the event of failure to comply with these deadlines § 10(5) of the APSO applies.

§ 39 Examination Board

In accordance with § 29 of the APSO, the board responsible for all decisions concerning examination matters is the Bachelor's Examination Board Architecture at the TUM School of Engineering and Design.

§ 40 Recognition of Periods of Study, Coursework, and Examination Results

The recognition of periods of study, coursework, and examination results is governed by § 16 of the APSO.

§ 41 Continuous Assessment Procedure, Types of Assessment

- (1) ¹In addition to written and oral examinations, types of assessment in accordance with § 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, research papers, or parcours examinations. ²Details of each module examination and the competencies to be assessed in each examination are set out in the module descriptions. ³Where the topic permits, the examination can be held either as an individual or group examination; § 18(2) Sentences 2 and 3 of the APSO apply accordingly.
- a) ¹A **written examination** is a supervised examination, in which 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. ²The duration of written examinations is regulated in § 12(7) of the APSO.
 - b) ¹Depending on the discipline, **laboratory assignments** may include experiments, measurements, field work, field exercises, etc., with the goal of students conducting such work, evaluating results, and gaining knowledge. ²These may consist of, for example, process descriptions and the underlying theoretical principles including studying the relevant literature; preparation and practical implementation; calculations, if required, and documentation, evaluation, and interpretation of the results in the context of the knowledge to be gained. ³Laboratory assignments may be complemented by presentations designed to demonstrate a student's communication competency in presenting scholarly work to an audience.
 - c) ¹**Practical credit requirements (tests where applicable)** involve students completing assigned tasks (for example, solving mathematical problems, writing

computer programs, preparing models etc.) using theoretical knowledge to solve application-oriented problems. ²Exercises are designed to assess a student's factual and detailed knowledge and its application. ³Practical exercises may be administered in writing, orally, or electronically. ⁴They may be in the form of homework assignments, practice sheets, programming exercises, (e-)tests, design tasks, posters, tasks assigned within a university internship program, etc.

- 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) ¹**Project 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. ²In addition, project work may include a presentation or a subject-specific discussion in order to assess a student's communication competency in presenting scholarly work to an audience. ³It may also encompass design sketches, drawings, plans, models, objects, simulations or documentation.
- f) ¹A **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. ²Students 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. ³Research papers, differing in their requirement standards, may take the form of a conceptual framework/theory paper, abstract, term paper, seminar paper, etc. ⁴The 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.
- g) ¹A **presentation** is a systematic and structured oral performance supported by suitable audio-visual equipment (such as projector, slides, posters, videos) for the purpose of demonstrating and summarizing specific issues or results and paring complex problems down to their essential core. ²For the presentation, the student is expected to demonstrate that he or she is capable of preparing a certain topic within a given time frame in such a way as to present or report it in a clear and comprehensible manner to an audience. ³In addition, the student is expected to demonstrate that he or she is able to respond competently to any questions, suggestions, or discussions brought by the audience and relating to his or her subject area. ⁴The presentation may be complemented by a brief written precis.
- h) ¹An **oral examination** is a timed, graded discussion on relevant topics and specific questions to be answered. ²In oral examinations students are expected to demonstrate that they have understood the central concepts of the subject matter covered by the exam and are able to apply them to specific problems. ³The duration of the examination is regulated in § 13(2) of the APSO.
- i) ¹A **learning portfolio** is a collection of completed work compiled by the student according to predefined criteria that exhibits the student's progress and achievements in defined content areas at a given time. ²Students are required to explain why they chose the work they have and its relevance for their learning progress and the achievement of the defined learning outcomes. ³With the learning portfolio, students are expected to demonstrate that they have taken active responsibility for their

learning process. ⁴Depending on the module description, types of independent study assessment in a learning portfolio may include, in particular, application-oriented assignments, web pages, weblogs, bibliographies, analyses, conceptual framework/theory papers, as well as the graphic representation of facts or problems. ⁵A subject-specific final oral discussion for the purpose of reflection and based on the content of the learning portfolio may also take place.

- j) ¹The **parcours examination** is made up of several components. ²Unlike a module examination component, parcours exam components are administered in sequence and completed in a specific time frame and location. ³Parcours components entail various types of examination, which together evaluate the competency profile of the module as a whole. ⁴Possible types of examination in parcours components may include those listed in g) and h) in combination with a practical requirement. ⁵The total duration of the parcours examination with all its components is indicated in the module catalog.
- (2) ¹As a rule, module examinations are taken concurrently with the program. ²The type and duration of module examinations is stipulated in Appendix 1. ³For any changes to the stipulated module provisions § 12(8) of the APSO applies. ⁴The assessment of the module examination is governed by § 17 of the APSO.
- (3) Where Appendix 1 provides that a module examination is either in written or oral form, the examiner will inform the students officially and in appropriate form, no later than the first day of classes, of the type of examination to be held.
- (4) At the request of the students and with the consent of the examiners, examinations in English may be taken for modules in German.

§ 41 a Multiple Choice Tests

The conduct of multiple choice tests is governed by § 12 a of the APSO.

§ 42 Coursework (Pass/Fail Credit Requirements)

¹Instead of the examinations to be taken in elective modules in accordance with § 45(2) Sentence 2, some elective modules may also require the completion of coursework. ²In these cases, the number of credits to be earned in the electives according to § 45(2) Sentence 2 will be reduced accordingly.

§ 43 Admission to and Registration for Examinations

- (1) Students who are enrolled in the Bachelor's Degree Program Architecture are deemed admitted to the module examinations of the bachelor's examination.
- (2) ¹Registration requirements for required and elective module examinations are stipulated in § 15(1) of the APSO. ²Registration requirements for repeat examinations are stipulated in § 15(2) of the APSO.

§ 44

Repeat Examinations, Failed Examinations

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

II. Bachelor's Examination

§ 45

Scope of the Bachelor's Examination

(1) The bachelor's examination consists of:

1. the module examinations according to § 43(2),
 2. the bachelor's thesis according to § 46,
 3. The Bachelor's Colloquium according to § 46 a.
- (2) ¹The module examinations are listed in Appendix 1. ²Students must complete 115 credits in the required modules, and at least 110 credits in elective modules. ³In the elective modules, 30 credits are to be acquired while studying abroad (§ 37 a Sentence 1). ⁴The selection of modules must comply with § 8(2) of the APSO.

§ 46

Bachelor's Thesis

- (1) As part of the bachelor's examination, each student must write a bachelor's thesis according to § 18 of the APSO.
- (2) ¹Completion of the Bachelor's Thesis module, as a rule, is the final examination requirement. ²Upon request students may be granted early approval to commence work on the bachelor's thesis if the objective of the thesis in the sense of § 18(2) APSO can be fulfilled under consideration of the progression of studies to date.
- (3) ¹The period between topic assignment and submission of the completed thesis must not exceed 15 weeks. ²The thesis is considered presented and not passed if the student fails to submit it on time without valid reasons as specified in § 10(7) of the APSO. ³12 credits are awarded for the Bachelor's Thesis module.
- (4) ¹If the bachelor's thesis was not graded with at least "sufficient" (4.0), it may be repeated once with a new topic. ²Students must renew their application to prepare the Master's Thesis module within six weeks of receipt of the grade.

§ 46 a

Bachelor's Colloquium

- (1) ¹In the Bachelor's Thesis module, students are deemed registered for the Bachelor's Colloquium if they have achieved a credit account of at least 192 credits and have successfully completed the bachelor's thesis. ²The examination is to take place no later than two months after the registration date in accordance with Sentence 1.

- (2) The Bachelor's Colloquium is to be carried out by the thesis supervisor of the bachelor's thesis and a competent observer.
- (3) Depending on the student's preference, the Bachelor's Colloquium is to be held in German or English.
- (4) ¹As a rule, the duration of examination in the Bachelor's Colloquium is 30 minutes. ²The students have about 15 minutes to present their thesis. ³This is followed by an oral defense, which starts from the thesis topic and extends to the wider subject area of the thesis.
- (5) ¹The Bachelor's Colloquium has been successfully completed if it is graded at at least "sufficient" (4,0). ²If a student fails the Bachelor's Colloquium, § 24(7) of the APSO applies.
- (6) 3 credits will be awarded for the Bachelor's Colloquium.

§ 47

Passing and Assessment of the Bachelor's Examination

- (1) The bachelor's examination is deemed passed when all examinations required for the bachelor's examination in accordance with § 45 have been passed and a plus credits account of at least 240 credits has been achieved.
- (2) ¹The module grade will be determined according to § 17 of the APSO. ²The overall grade for the bachelor's examination will be calculated as the weighted grade average of the modules according to § 45(2), the bachelor's thesis and the Bachelor's Colloquium. ³The grade weights of the individual modules correspond to the credits assigned to each module. ⁴The overall assessment is expressed by the designation according to § 17 of the APSO.

§ 48

Degree Certificate, Diploma, Diploma Supplement

If the bachelor's examination was passed, a degree certificate, a diploma, and a diploma supplement including a transcript of records are to be issued in compliance with § 25(1) and § 26 of the APSO.

III. Final Provisions

§ 49

Entry into Force

- (1) ¹These regulations will enter into force on 1 October 2022. ²They apply to all students who commence their studies at the Technical University of Munich as of the winter semester 2022/23.
- (2) ¹At the same time, the regulations for the Bachelor's Degree Program Architecture at the Technical University of Munich from 22 October 2018 cease to apply. ²Students who commenced their studies at the Technical University of Munich prior to the winter

semester 2022/23 are to complete their studies in accordance with the regulations named in § 49(2) Sentence 1.

APPENDIX 1: Examination Modules

1. Semester – Required Modules

Module No.	Module Name	Type of Instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
ED120003	Introduction to Scientific Work in Architecture	V	1	2	2	Research paper	-
ED120004	Architectural Design and Construction - Basics	Ü+V	1	6+2	13	Practical credit requirement	-
ED120005	Design of Structures 1	VI	1	4	5	Practical credit requirement	-
ED120006	Drawing and Designing	V+Ü	1+2	2+2	10	Learning portfolio	-
ED120007	History of Building	VI	1+2	4	10	Practical credit requirement	-

2. Semester – Required Modules

Module No.	Module Name	Type of Instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
ED120008	Excursion Drawing and Designing	EX	2	2.8	2	Learning portfolio	-
ED120009	Architectural Design in Timber Construction	V+Ü	2	6+2	13	Project work	-
ED120010	Design of Structures 2	VI	1	4	5	Practical credit requirement	-
ED120006	Drawing and Designing	V+Ü	1+2	2+2	10	Learning portfolio	-
ED120007	History of Building	VI	1+2	4	10	Practical credit requirement	-

3. Semester – Required Modules

Module No.	Module Name	Type of Instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
ED120011	Schreibwerkstatt im Seminar / Architekturkritik	SE	3	2	2	Practical credit requirement	-
ED120012	Entwerfen und technische Integration	V+Ü	3	6+2	13	Practical credit requirement	-
ED120013	Building Technology and Basics of Building Physics	V+Ü	3	4	5	Written exam	120
ED120014	Digital Methods in Architecture	V+Ü	3	2+2	5	Practical credit requirement (60%) + written exam (40%)	60
ED120015	History and Theory of Architecture	V+SE	3	2+2	5	Research paper	-

4. Semester – Required Modules

Module No.	Module Name	Type of Instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
ED120016	Understanding Architecture (Field Trip)	Ü	4	2.8	2	Project work	-
ED120017	Construction Management and Building Legislation	V	4	4	5	Written exam	120
ED120018	Artistic Methods	SE	4	2	5	Project work	-
ED120019	Theory and History of the City	V	4	2+2	5	Written exam	120

4. Semester Elective Modules – Project Building Typology

One module amounting to 13 credits is required from the catalog.

Module No.	Module Name	Type of Instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
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ED120020	Architectural Design and Building Typology - Rebuilding	Ü+V	4	6+2	13	Project work	-
ED120021	Architectural Design and Building Typology – The Art of Inhabitation	Ü+V	4	6+2	13	Project work	-
ED120022	Architectural Design and Building Typology - Architecture in Context	Ü+V	4	6+2	13	Project work	-
ED120023	Architectural Design and Building Typology - Systems	Ü+V	4	6+2	13	Project work	-

5. to 8. Semester

Required Modules

No.	Module name	Type of instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
ED120024	Spatial Economy, Landscape Architecture and Urban Planning	V+Ü	7	4	8		
AR20122	Bachelor's Thesis	-	7/8	0.15	12	Research paper	-
AR20123	Bachelor's Colloquium	-	7/8	-	3	Oral	30

Elective Modules

At least 110 credits must be earned in elective subjects. As part of the elective modules, students must complete a stay abroad, usually for 30 credits, at a foreign university or at a foreign institution that is related to the content of the Bachelor's Degree Program Architecture.

At least 12 credits each must be obtained from the elective module catalogs "Project Urban Design" and "Project Structural Engineering".

At least 6 credits must be obtained from the elective module catalog "Methods of Architecture".

Students must obtain a minimum of 6 credits from at least two of the elective module catalogs "Technologies of Architecture", "Architecture, Urban Planning and Landscape Architecture" and "Theory and Contextual Knowledge in Architecture".

A maximum of 10 credits can be obtained from the elective module catalog "Interdisciplinary Courses".

The missing credits to obtain the required 110 credits in elective modules can be chosen freely from the subject catalogs for personal profile formation.

Project Urban Design

At least one module amounting to 12 credits is required from the following catalog.

Module No.	Module Name	Type of instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
ED120025	Bachelor Project - Sustainable Urbanism	PT	WiSe/ SoSe	6	12	Project work	-
ED120026	Bachelor Project Urban Design - Focus Strategy	PT	WiSe	6	12	Project work	-
ED120027	Bachelor Project Urban Design - Focus Intervention	PT	SoSe	6	12	Project work	-

Project Structural Engineering

At least one module amounting to 12 credits is required from the following catalog:

Module No.	Module Name	Type of instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
ED120030	Bachelor Project Architecture and Timber Construction	PT	WiSe	6	12	Project work	-
ED120033	Bachelor Project Architectural Design	PT	WiSe/ SoSe	6	12	Project work	-
ED120034	Bachelor Project Architectural Design and Construction	PT	SoSe	6	12	Project work	-
ED120035	Bachelor Project Design and Participation	PT	WiSe/ SoSe	6	12	Project work	-
ED120036	Bachelor Project Recent Building Heritage Conservation	PT	WiSe/ SoSe	6	12	Project work	-
ED120037	Bachelor Project Restoration	PT	WiSe/ SoSe	6	12	Project work	-
ED120039	Bachelor Project Urban Design and Housing	PT	WiSe/ SoSe	6	12	Project work	-
ED120040	Bachelor Project Urban Architecture	PT	WiSe/ SoSe	6	12	Project work	-
ED120041	Bachelor Project Rebuilding and Built Heritage Conservation	PT	WiSe/ SoSe	6	12	Project work	-

Methods of Architecture

A minimum of 6 credits must be earned from the following catalog.

Module No.	Module Name	Type of Instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
AR20112	Architekturkommunikation/Architectural Communication	SE	WiSe/ SoSe	2	3	Research paper	-
AR20036	Architecture and its Representations	SE	WiSe	2	3	Research paper	-
AR20088	Architectural Visualization	SE		2	3	Project work	-
AR20035	Building Documentation	Ü	WiSe+ SoSe	2 + 2	6	Project work	-
AR20092	Seminar Paper Sustainable Urbanism	SE	WiSe/ SoSe	2	3	Project work	-
AR20126	Construction and Form	SE	WiSe/ SoSe	2	3	Project work	-
ED120002	Microclimate Research	SE	WiSe/ SoSe	2	3	Research paper	-
AR30417	Robotic Fabrication in Architecture	SE	WiSe/ SoSe	4	6	Practical credit requirement	-

Technologies of Architecture

Module No.	Module Name	Type of Instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
AR20033	Building Redevelopment	V	WiSe	2	3	Practical credit requirement	-
MW0164	Energy Optimization of Buildings	V	SoSe	3	3	Written exam	45
BV620007	Basics of Sustainable Building	V	SoSe	2	3	Written exam	60
AR20124	Fundamentals of Timber Construction 1B	SE	WiSe	4	6	Oral	30
AR20134	Lost and Found – Staging Heritage for Future	SE	WiSe/ SoSe	4.6	6	Research paper	-
BGU62055	Sustainable Building Basic Module	V + Ü	SoSe	4	6	Research paper	-
AR20128	Advanced Topics Green Technologies (Bachelor)	SE	WiSe/ SoSe	4	6	Research paper	-
AR20121	Structural Design Project	Ü	WiSe	4	6	Project work	-

Architecture, Urban Planning and Landscape Architecture

Module No.	Module Name	Type of Instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
AR20125	Architectural Design and Participation I	SE	WiSe	4.00	6	Research paper	-
AR17006	Water Colour Drawing	Ü	SoSe	2	3	Project work	-
AR20102	Bachelor's Real Studio Building Phase I	SE	SoSe	2	3	Project work	-
AR20116	Green Typologies – BA	SE	WiSe/ SoSe	4	6	Research paper	-
AR17029	Figure Drawing	Ü	WiSe/ SoSe	2	3	Project work	-
AR20026	Experimental Creation I	SE	WiSe	2	3	Project work	-
AR20022	Urban Architecture	SE	WiSe/ SoSe	2	3	Project work	-
AR20132	Context+ I	SE	WiSe/ SoSe	1.33	3	Research paper	
AR71107	Open Space Planning	V + Ü	WiSe/ SoSe	4	6	Oral	20

Theory and Contextual Knowledge in Architecture

Module No.	Module Name	Type of instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
AR20129	Advanced Exercises in Architectural History	SE	WiSe/ SoSe	2	6	Research paper	-
AR17097	Building Archaeology	V + Ü	SoSe	2	3	Learning portfolio	-
AR17024	Built Heritage Conservation	V+Ü	WiSe/ SoSe	2	3	Practical credit requirement	-
AR71106	Theory and Methods of Landscape Architecture	V + Ü	WiSe/ SoSe	4	6	Written exam	120
AR20143	Advanced Theories of Landscape Architecture	V	SoSe	1.3	3	Written exam	45
AR17015	Construction and Engineering Law, Architect's Law	V + Ü	WiSe/ SoSe		3	Written exam	105
AR20025	Basic Applied Planning Legislation	V	WiSe	2	3	Written exam	60

Interdisciplinary Courses

A maximum of 10 credits can be obtained from the catalog. Students can choose freely from TUM's range of courses.

Module No.	Module Name	Type of instruction	Semester	SWS	Credits	Type of Examination	Duration of Examination
SZ...	Foreign Languages						
CLA...	TUM Science, Technology, Society (Kontextlehre WTG)						
WI...	Entrepreneurship offers						

Explanation:

SWS = weekly hours per semester; V = lecture; VI = lecture with exercise Ü = exercise; PT = project work; SE = seminar;
P = internship;

* This module takes place over at least 2 semesters.

The column Examination Duration indicates the examination duration in minutes.

Executed following a resolution of the Senate of the Technical University of Munich dated 23 March 2022 and approval of the President of the Technical University of Munich on 9 May 2022.

Munich, 9 May 2022
Technical University of Munich

Thomas F. Hofmann
President

These Regulations were made available for inspection at the Technical University of Munich on 9 May 2022, following their announcement on 9 May 2022. Day of proclamation is therefore 9 May 2022.