

Dresden University of Technology  
Faculty of Education

## **Study Regulations for the Postgraduate Master's Program Vocational Education and Personnel Capacity Building**

From 1 August 2022

On the basis of § 36 paragraph 1 of the Saxon Higher Education Freedom Act in the version of the announcement of January 15, 2013 (SächsGVBl. p. 3), the Technische Universität Dresden enacts the following study regulations as statutes.

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## § 1 Scope

Based on the Saxon Higher Education Freedom Act and the Examination Regulations, these study regulations govern the objectives, content, structure and sequence of study for the postgraduate master's degree program in Vocational Education and Personnel Capacity Building at the Technische Universität Dresden.

## § 2 Aims of the study

(1) The study program enables students to apply existing knowledge and experience in the fields of project planning, planning, design and evaluation of vocational education and training as well as adult education and human resources development in accordance with existing country- specific conditions. The objectives of the program are strongly oriented towards the requirements of experts in vocational education and training in developing and emerging countries. The aim of the course is to enable graduates to recognize the manifold embedding of the vocational education and training system and of measures and projects of vocational education and training in the structure of a society. Graduates are able to identify influences and conditions arising from this and to derive and practically implement conclusions for the design of education and training processes on a macro-, meso- and micro-didactic level. The students are capable of critical self-reflection and social commitment and have developed their personality.

(2) The aim of the program is to provide students with the scientific and professional competence to work in the fields of vocational education and training and human resources development. These fields of activity are mainly teaching and research activities in vocational training and further education as well as adult education. Other possible fields of activity are administrative activities in institutions of vocational education and training as well as administrative and creative activities in projects of vocational education and training, teacher training for the vocational education and training sector and in company personnel development. Graduates are qualified to work in training and further education institutions, universities and research institutes, public authorities, planning and consulting offices, human resources and education departments in business enterprises, national and international organizations dealing with the development of human resources on a national or regional level. This very broad academic qualification in the field of vocational pedagogy is especially oriented towards the needs of vocational education in developing and emerging countries.

## § 3 Access requirements

(1) The prerequisite for admission to the program is a first university degree recognized in Germany as qualifying for a profession or a degree from a state or state-recognized university of cooperative education.

(2) Furthermore, at least one year of professional activity relevant to the course of study is required for admission to the program.

#### § 4

##### Start and duration of studies

(1) The study program can be started in the winter semester.

(2) The standard period of study is four semesters and includes attendance, self-study, supervised practice periods and the final university examination.

#### § 5

##### Teaching and learning methods

(1) The course material is structured in modules. In the individual modules, the course content is taught, consolidated and deepened through lectures, seminars, exercises, tutorials, EDP exercises, excursions, internships and self-study.

(2) The individual teaching and learning forms according to paragraph 1 sentence 2 are defined as follows: Lectures introduce students to the subject matter of the modules. Seminars enable students to inform themselves about a selected problem area based on specialist literature or other materials under guidance, to present what they have learned, to discuss it in the group and/or to present it in writing. Exercises enable the application of the course material in exemplary sub-areas. In tutorials, students are supported in reactivating and transferring the course content and receive feedback on their learning status. Computer exercises give students the opportunity to acquire media skills with the help of modern information and communication technologies. Students are enabled to design didactic media for teaching and learning processes and to use them in teaching-learning scenarios. Excursions provide insights into the interrelationships of production and service structures, work requirements and vocational- pedagogical design approaches and link theoretical and practical competencies. Internships enable students to analyze the design of vocational education and training and to collect data as part of their research. In self-study, students independently acquire, consolidate and deepen their knowledge and skills. This also includes the preparation and follow-up of the courses.

#### § 6

##### Structure and sequence of studies

(1) The study program is modular. The courses are spread over three semesters. The fourth semester is used for writing the final thesis, including the colloquium, and is designed in such a way that it is particularly suitable for a temporary stay at another university (mobility window).

(2) The program comprises ten compulsory modules and three compulsory elective modules, which allow students to choose their focus. The compulsory elective modules Comparative Educational Research and Policy, Leadership through Communication, Subject

Didactics, Educational Technology and Human Resource Development are available for selection. The choice is binding. A change is possible; it is made by a written application of the student to the examination office, in which the module to be replaced and the newly selected module are to be named.

(3) Qualification objectives, contents, teaching and learning methods, prerequisites, applicability, frequency, workload and duration of the individual modules can be found in the module descriptions (Appendix 1).

(4) The courses are held in German.

(5) The appropriate distribution of the modules to the individual semesters, the observance of which enables the completion of the studies in the standard period of study, as well as the type and scope of the respective The courses included in the program as well as the number and regular timing of the required courses and examinations can be found in the enclosed study plan (Appendix 2).

(6) The range of elective modules as well as the study schedule can be changed by the Faculty Council upon proposal of the Study Commission. The current range of elective modules is to be announced at the beginning of the semester in the usual manner. The amended study schedule applies to the students to whom it is announced at the beginning of the semester in the usual manner. The examination board decides on exceptions to sentence 3 on application of the student.

## § 7

### Study content

(1) The Vocational Education and Personnel Capacity Building master's program is application-oriented.

(2) The course covers the structures and organization of vocational training and further education as well as vocational socialization and the scientific contexts of the target-group-specific design of teaching and learning processes in vocational education, including the design and use of didactic media. Further thematic focal points are the areas of psychological basics of teaching and learning as well as the basics of work and organizational psychology and theoretical and design approaches of educational management and organizational development. In addition, the interrelationships between the development of production and service structures, their educationally relevant characteristics and consequences for the design of vocational training and continuing education are essential contents of the course. In this context, the strengths and weaknesses of vocational education and training systems and institutions of vocational education and training from a national and international perspective also form an essential subject area. Furthermore, theories and models of communication as well as the purposeful design of communicative processes are thematic focal points. Further contents are qualitative and quantitative empirical research methods as well as the planning and implementation of research projects. In addition, depending on their professional orientation, students can choose from the compulsory elective content on comparative

educational research and policy, subject didactic basics of the fields of action for the planning and analysis of teaching and learning processes related to the professional field, scenarios of media-supported knowledge transfer, educational- technological fields of application in vocational education and tasks, goals, methods and legal bases of company personnel development.

#### § 8 Credit Points

(1) ECTS credits document the average workload of students as well as their individual study progress. One credit point corresponds to a workload of 30 hours. As a rule, 60 credit points are awarded per academic year, i.e. 30 credit points per semester. The total workload for the study program corresponds to 120 Credit points and comprises the forms of teaching and learning, the course and examination achievements as well as the final thesis and the colloquium, which are specified in the module descriptions in terms of type and scope.

(2) The module descriptions indicate how many credit points can be earned in each module. Credit points are acquired when the module examination has been passed. . § Section 32 of the examination regulations remains unaffected.

#### § 9 Academic advising

(1) General student advising is provided by the Central Student Advising Office of the Dresden University of Technology and covers questions about study opportunities, enrollment modalities and general student matters. The student advisory service of the Institute for Vocational Education is responsible for the academic advising during the course of studies. This advising service supports the students especially in questions of study organization.

(2) At the beginning of the third semester, every student who has not yet completed a course of study should take part in a course advising session .

#### § 10 Adaptation of module descriptions

(1) In order to adapt to changed conditions, the module descriptions can be changed within the framework of an optimal study organization with the exception of the fields "Module name", "Qualification goals", "Contents", "Forms of teaching and learning", "Requirements for the award of credit points", "Performance points and grades" as well as "Duration of the module" can be changed in a simplified procedure.

(2) In the simplified procedure, the Faculty Council decides on the amendment of the module description on the proposal of the Study Commission. The changes are to be published in the usual manner at.

§ 11

Entry into force, publication and transitional provisions

(1) These study regulations come into force on the day after their publication in the Official Announcements of the TU Dresden.

(2) It applies to all students newly enrolled in the master's program in Vocational Education and Personnel Capacity Building for the winter semester 2022/2023 or later.

(3) For students enrolled earlier than the winter semester 2022/2023, the version of the study regulations for the continuing master's degree program Vocational Education and Personnel Capacity Building that has been valid for them to date shall continue to apply.

Issued on the basis of the resolution of the Faculty Council of the Faculty of Education dated March 17, 2022 and the approval of the Rectorate dated May 31, 2022.

Dresden, August 1, 2022

The rector  
The Technical University of Dresden

Prof. Dr. Ursula M. Staudinger

## Appendix 1: Module descriptions

| Module number                                | Module name  | Responsible lecturer   |
|--|--|--|
| EW-VocEd M1                                  | Fundamentals of vocational and adult education   | Prof. Dr. Sandra Bohlinger<br>sandra.bohlinger@tu-dresden.de |
| Qualification goals                          | The students have a basic, systematic professional and adult pedagogical thinking and can apply relevant theoretical approaches in selected national and international professional and adult pedagogical fields of activity.  |  |
| Contents                                     | Contents of the module are basic concepts and theories of vocational education and adult education, structures and institutions of vocational education and training, their historical development and legal framework as well as basic questions of the governance of education.  |  |
| Teaching and learning methods                | The module includes 4 SWS lecture, 4 SWS seminar, 2 SWS tutorial, 2 excursions of 4 hours each and the self-study.   |  |
| Requirements for participation               | An overview of the structures of vocational and higher education in the students' home countries is required.  |  |
| Usability                                    | The module is a compulsory module in the master's degree program Vocational Education and Personnel Capacity Building. It provides the prerequisites for the modules International Approaches to Vocational Education and Teacher Training, Development and Evaluation of Vocational Education, Vocational Pedagogical Practice and Comparative Educational Research and Policy. |  |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a written test of 180 minutes duration.   |  |
| Credit points and grades                     | Ten credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.  |  |
| Frequency of the module                      | The module is offered every winter semester.   |  |
| Workload                                     | The total workload is 300 hours.   |  |
| Duration of the module                       | The module covers one semester.  |  |

| Module number                  | Module name  | Responsible lecturer                                   |
|--------------------------------|--|--|
| EW-VocEd M2                    | Design of teaching-learning arrangements and media applications  | Prof. Dr. Stephan Abele<br>stephan.abele@tu-dresden.de |
| Qualification goals            | Students will be familiar with theoretical didactic approaches and findings on objectives, methods, diagnostics and evaluation as well as on the quality of implementation of teaching and learning processes in vocational education and will be able to apply these in the planning, implementation and analysis of teaching-learning arrangements in vocational education and training, taking into account the high-quality use of media.  |  |
| Contents                       | The module includes goals of vocational education, especially types of teaching goals, definition of teaching goals, methods, for example visual structure of teaching-learning processes such as action and social forms, phase models of teaching as well as cognitive path structures. Furthermore, the implementation quality of teaching- learning arrangements, especially deep structures of teaching- learning processes including didactic principles and relevant findings are content of the module. Further contents are the diagnostics of learning processes and results, the evaluation of teaching processes and results as well as the didactic conceptualization of media and their use in the learning process. |  |
| Teaching and learning methods  | The module includes 4 SWS lecture, 4 SWS seminar, 2 SWS EDP exercise, 2 SWS tutorial and self-study.   |  |
| Requirements for participation | A basic knowledge of the didactics of vocational education is assumed. Literature: Kunter, M.; Trautwein U.: Psychologie des Unterrichts, 1. Auflage, Schöningh 2013; Nickolaus, R.: Didaktik - Modelle und Konzepte beruflicher Bildung - Orientierungsleistungen für die Praxis, 5th edition, Schneider Hohengehren, 2018.   |  |
| Usability                      | The module is a compulsory module in the master's program Vocational Education and Personnel Capacity Building. It creates the prerequisites for the modules Vocational Pedagogical Practice, Subject Didactics, Educational Technology and Personnel Development.   |  |



|  |  |
|--|--|
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a non-public oral examination as an individual examination of 30 minutes duration and a complex performance of 30 hours.                    |
| Credit points and grades                     | Twelve credit points can be acquired through the module. The module grade results from the weighted average of the grades of the individual examination performances. The Oral Examination is weighted twice and the Complex Performance is weighted once. |
| Frequency of the module                      | The module is offered every academic year, starting with the winter semester.  |
| Workload                                     | The total workload is 360 hours.   |
| Duration of the module                       | The module covers two semesters.   |

| Module number                                | Module name   | Responsible lecturer   |
|--|---|--|
| EW-VocEd M3                                  | Management processes in education   | Prof. Dr. Sandra Bohlinger<br>sandra.bohlinger@tu-dresden.de |
| Qualification goals                          | Students know and understand the basic tasks and processes of planning, managing, organizing and evaluating educational institutions and projects. They are able to develop theoretically based solutions for educational management problems and to use suitable instruments. They are able to combine vocational and adult education with business management perspectives. |  |
| Contents                                     | Contents of the module include approaches to quality management and the role of evaluation, human resource management, educational management, development, planning and organization of educational programs and offerings, project management, and organizational development in public and private sector institutions.  |  |
| Teaching and learning methods                | The module includes 4 SWS lecture, 4 SWS seminar and the self-study.  |  |
| Requirements for participation               | An overview of the basic fields of action of educational management is assumed. Literature: Gessler, Michael; Sebe-Opfermann, Andreas (Eds.): Handlungsfelder des Bildungsmanagements. 2nd edition, Hamburg 2018, pp. 33-58.  |  |
| Usability                                    | The module is a compulsory module in the master's program Vocational Education and Personnel Capacity Building. It creates the prerequisites for the module Personnel Development.  |  |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a non-public oral examination as a single examination of 30 minutes duration and a term paper of 60 hours.   |  |
| Credit points and grades                     | Ten credit points can be acquired through the module. The module grade results from the unweighted average of the grades of the individual examination performances.  |  |
| Frequency of the module                      | The module is offered every academic year, starting with the winter semester.   |  |
| Workload                                     | The total workload is 300 hours.  |  |
| Duration of the module                       | The module covers two semesters.  |  |

| Module number                                | Module name  | Responsible lecturer                                    |
|--|--|---|
| EW-VocEd M4                                  | Educational Psychology   | Prof. Dr. Thomas Köhler<br>thomas.koehler@tu-dresden.de |
| Qualification goals                          | Students are able to apply knowledge of learning and personnel psychology in the context of Vocational Education and Personnel Capacity Building. They know and understand basic findings on the psychology of teaching and learning, memory, motivation and the recording and assessment of learning performance and can apply these in the context of vocational learning and personnel development. |   |
| Contents                                     | The module includes the psychological foundations of learning and teaching as well as the basics of work and organizational psychology, in particular leadership, motivation, action regulation, stress and cognitive ergonomics.  |   |
| Teaching and learning methods                | The module includes 2 SWS lecture, 2 SWS seminar and the self-study.   |   |
| Requirements for participation               | An overview of the development of personality dispositions and behaviors in the working and learning process is assumed. Literature: Schuler, Heinz; Moser, Klaus (Eds.): Lehrbuch Organisationspsychologie. 6th edition, Bern 2019, chapter 2.  |   |
| Usability                                    | The module is a compulsory module in the master's program Vocational Education and Personnel Capacity Building. It creates the prerequisites for the modules Leadership through Communication, Subject Didactics, Educational Technology and Personnel Development.  |   |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a non-public oral examination performance as an individual examination of 30 minutes duration.  |   |
| Credit points and grades                     | Six credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.  |   |
| Frequency of the module                      | The module is offered every summer semester.   |   |
| Workload                                     | The total workload is 180 hours.   |   |
| Duration of the module                       | The module covers one semester.  |   |

| Module number                                | Module name  | Responsible lecturer                                       |
|--|--|--|
| EW-VocEd M5                                  | International production and service structures and their educational sequences  | Prof. Dr. Steffen Kersten<br>steffen.kersten@tu-dresden.de |
| Qualification goals                          | Based on their knowledge of the characteristics of typical production and service structures, students are able to analyze production and service processes with regard to their educationally relevant characteristics using scientific methods and, based on the results of this analysis, to derive justified consequences for the design of vocational education and training. |  |
| Contents                                     | The contents of the module are, on the one hand, the characteristics of the production and service structures of the 20th and 21st centuries and, on the other hand, the consequences with regard to qualification requirements and corresponding didactic approaches of vocational and academic education and training.   |  |
| Teaching and learning forums                 | The module includes 3 SWS seminar, 3 excursions of 4 hours each and the self-study.  |  |
| Requirements for participation               | An overview of the forms of production and service provision in the 20th and 21st centuries is assumed.<br>Literature: Hebeisen, Walter: F.W Taylor und der Taylorismus, 1st edition, Zurich 1999; Zollondz, Hans-Dieter: Grundlagen des Lean Management., 1st edition, Munich 2013.   |  |
| Usability                                    | The module is a mandatory module in the master's program Vocational Education and Personnel Capacity Building.   |  |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a complex performance of 30 hours.  |  |
| Credit points and grades                     | Five credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.   |  |
| Module frequency                             | The module is offered every winter semester.   |  |
| Workload                                     | The total workload is 150 hours.   |  |
| Duration of the module                       | The module covers one semester.  |  |

| Module number                                | Module name  | Responsible lecturer                                       |
|--|--|--|
| EW-VocEd M6                                  | International approaches to vocational education and teacher training  | Prof. Dr. Steffen Kersten<br>steffen.kersten@tu-dresden.de |
| Qualification goals                          | Based on the knowledge of international approaches to vocational education, students are able to evaluate the characteristics of vocational education systems taking into account the conditions in their home countries. They are familiar with models of curriculum development in vocational education and have an overview of international standards of vocational teacher education. |  |
| Contents                                     | The contents of the module are international approaches and developments of vocational education and technical teacher training. In addition, models of curriculum development in vocational education form an essential thematic focus.   |  |
| Teaching and learning methods                | The module includes 4 SWS seminar and the self-study.  |  |
| Requirements for participation               | The competencies to be acquired in the module Fundamentals of Vocational and Adult Education are assumed.  |  |
| Usability                                    | The module is a mandatory module in the master's program Vocational Education and Personnel Capacity Building.   |  |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a term paper of 30 hours.   |  |
| Credit points and grades                     | Five credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.   |  |
| Frequency of the module                      | The module is offered every summer semester.   |  |
| Workload                                     | The total workload is 150 hours.   |  |
| Duration of the module                       | The module covers one semester.  |  |

| Module number                                | Module name   | Responsible lecturer                                   |
|--|---|--|
| EW-VocEd M7                                  | Development and evaluation of vocational education  | Prof. Dr. Stephan Abele<br>stephan.abele@tu-dresden.de |
| Qualification goals                          | Students will be able to name and explain the main features and problem areas of the evaluation of systems, projects and measures in vocational education and training. Furthermore, they will be able to interpret evaluation results, evaluate them according to criteria and use them for the development of vocational education and training systems.  |  |
| Contents                                     | The module includes perspectives on VET systems, e.g. national, international; macro-, meso- and micro-level; input and context factors as well as findings on VET systems, especially educational monitoring, classroom research, output and outcome orientation. Further focal points are the evaluation of vocational training measures, e.g. process, and quality standards as well as the use of evaluation results. |  |
| Teaching and learning methods                | The module includes 2 SWS lecture, 2 SWS seminar and the self-study.  |  |
| Requirements for participation               | The competencies to be acquired in the module Fundamentals of Vocational and Adult Education are assumed.   |  |
| Usability                                    | The module is a mandatory module in the master's program Vocational Education and Personnel Capacity Building.  |  |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a written paper of 90 minutes duration.  |  |
| Credit points and grades                     | Six credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.   |  |
| Frequency of the module                      | The module is offered every summer semester.  |  |
| Workload                                     | The total workload is 180 hours.  |  |
| Duration of the module                       | The module covers one semester.   |  |

| Module number                                | Module name   | Responsible lecturer                                   |
|--|---|--|
| EW-VocEd M8                                  | Methods of social science research  | Prof. Dr. Stephan Abele<br>stephan.abele@tu-dresden.de |
| Qualification goals                          | Students are familiar with the working methods of social science research. They are able to define terms scientifically, argue logically and conduct empirical research using quantitative and qualitative methods.   |  |
| Contents                                     | Contents of the module are the scientific basics of empirical research. These are in particular scientific language: types of statements and language conventions, for example definitions and operationalizations, basics of theory development and theory justification, basics of empirical research as well as methods of empirical data collection and evaluation. |  |
| Teaching and learning methods                | The module includes 8 SWS seminar and the self-study.   |  |
| Requirements for participation               | Basic experience in the application of scientific research methods from the first academic studies is required. Literature: Bortz, J.; Döring, N.: Forschungsmethoden und Evaluation in den Sozial- und Humanwissenschaften, 5th edition Springer Verlag 2015.  |  |
| Usability                                    | The module is a compulsory module in the master's program Vocational Education and Personnel Capacity Building. The first semester of the module creates the prerequisites for the module Field Research on Vocational Education.   |  |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a term paper of 25 hours and a written examination of 90 minutes.  |  |
| Credit points and grades                     | Ten credit points can be acquired through the module. The module grade is calculated from the weighted average of the grades of the individual examinations. The written exam is weighted twice and the term paper is weighted once.  |  |
| Frequency of the module                      | The module is offered every academic year, beginning with the summer semester.  |  |
| Workload                                     | The total workload is 300 hours.  |  |
| Duration of the module                       | The module covers two semesters.  |  |

| Module number                                | Module name  | Responsible lecturer                                       |
|--|--|--|
| EW-VocEd M9                                  | Professional pedagogical practice  | Prof. Dr. Steffen Kersten<br>steffen.kersten@tu-dresden.de |
| Qualification goals                          | Students will be familiar with the structure and organization of vocational training and continuing education institutions in Germany. They have an overview of the legal foundations of vocational training. The students are able to analyze teaching and learning processes in vocational education and training according to selected criteria, to record them and to evaluate them taking into account the observed conditions. |  |
| Contents                                     | The contents of the module are the organizational, legal and structural aspects of vocational training and continuing education on a meso-didactic and micro-didactic level.   |  |
| Teaching and learning methods                | The module includes a lecture, 90 minutes, and 4 weeks of internship.  |  |
| Requirements for participation               | The competencies to be acquired in the modules Fundamentals of Vocational and Adult Education and Design of Teaching-Learning Arrangements and Media Applications are required.  |  |
| Usability                                    | The module is a mandatory module in the master's program Vocational Education and Personnel Capacity Building.   |  |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a term paper of 30 hours.   |  |
| Credit points and grades                     | Five credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.   |  |
| Module frequency                             | The module is offered every winter semester.   |  |
| Workload                                     | The total workload is 150 hours.   |  |
| Duration of the module                       | The module covers one semester.  |  |



| Module number                                | Module name   | Responsible lecturer  |
|--|---|---|
| EW-VocEd M10                                 | Field research on vocational education  | Prof. Dr. Thomas Köhler<br><a href="mailto:thomas.koehler@tu-dresden.de">thomas.koehler@tu-dresden.de</a> |
| Qualification goals                          | Students will be able to obtain, evaluate, and interpret data using appropriate empirical and hermeneutic methods in the context of addressing sociological research problems.  |   |
| Contents                                     | Contents of the module are the methods of data collection and evaluation in hermeneutic and empirical research and their practical application in social science research processes, if possible in the students' home country. |   |
| Teaching and learning methods                | The module includes 4 weeks of internship.  |   |
| Requirements for participation               | The competencies to be acquired in the first module semester of the module Methods of Social Science Research are required.   |   |
| Usability                                    | The module is a mandatory module in the master's program Vocational Education and Personnel Capacity Building.  |   |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a term paper of 30 hours.  |   |
| Credit points and grades                     | Six credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.   |   |
| Frequency of the module                      | The module is offered every winter semester.  |   |
| Workload                                     | The total workload is 180 hours.  |   |
| Duration of the module                       | The module covers one semester.   |   |

| Module number                                | Module name  | Responsible lecturer   |
|--|--|--|
| EW-VocEd M11                                 | Comparative educational research and policy  | Prof. Dr. Sandra Bohlinger<br>sandra.bohlinger@tu-dresden.de |
| Qualification goals                          | Students know and understand the central concepts, ideas, and challenges of comparative educational research and policy-making and can develop and investigate their own comparative questions under guidance. They will develop a critical understanding of comparative education research and the approaches used and will be able to determine the role of international actor groups.                |  |
| Contents                                     | Contents of the module are the history and present of comparative education research and policy making. The focus is on processes of policy learning based on country case and policy field studies as well as the interrelationships between educational processes in socio- economic contexts and the role of central, international actors such as UNESCO, ILO, and OECD in particular in this field. |  |
| Teaching and learning methods                | The module includes 4 SWS seminar and the self-study.  |  |
| Requirements for participation               | The competencies to be acquired in the module Fundamentals of Vocational and Adult Education are assumed.  |  |
| Usability                                    | The module is one of five elective modules in the master's degree program Vocational Education and Personnel Capacity Building, three of which must be chosen.   |  |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a non-public oral examination performance as an individual examination of 30 minutes duration.  |  |
| Credit points and grades                     | Five credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.   |  |
| Frequency of the module                      | The module is offered every winter semester.   |  |
| Workload                                     | The total workload is 150 hours.   |  |
| Duration of the module                       | The module covers one semester.  |  |

| Module number                                | Module name  | Responsible lecturer                                       |
|--|--|--|
| EW-VocEd M12                                 | Leadership through communication   | Prof. Dr. Steffen Kersten<br>steffen.kersten@tu-dresden.de |
| Qualification goals                          | Students are familiar with the theoretical approaches to employee management and basic management styles. They are able to design communicative processes in a purpose- and target group-oriented manner. This includes both the design of interpersonal communication processes and the structuring of information flows in institutions. They know basic psychological models of communicative processes and are able to structure these processes in a well-founded manner depending on the communication intentions. |  |
| Contents                                     | Contents of the module are the scientific basics for the design of communicative processes. In detail, these are management theories and management styles, theories and models of communication, communication procedures and their structuring as well as models of knowledge management in companies.   |  |
| Teaching and learning methods                | The module includes 1 SWS lecture, 1 SWS seminar, 1 SWS exercise and the self-study.   |  |
| Requirements for participation               | The competencies to be acquired in the module Educational Psychology are assumed.  |  |
| Usability of the module                      | The module is one of five elective modules in the master's degree program Vocational Education and Personnel Capacity Building, three of which must be chosen.   |  |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a non-public oral examination performance as an individual examination of 30 minutes duration.  |  |
| Credit points and grades                     | Five credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.   |  |
| Frequency of the module                      | The module is offered every winter semester.   |  |
| Workload                                     | The total workload is 150 hours.   |  |
| Duration of the module                       | The module covers one semester.  |  |

| Module number                                | Module name  | Responsible lecturer   |
|--|--|--|
| EW-VocEd M13                                 | Subject didactics  | Prof. Dr. Manuela Niethammer<br>manuela.niethammer@tu-dresden.de |
| Qualification goals                          | The students are able to plan and analyze subject-related instruction in an appropriate manner. They are able to apply the basics for the design of teaching and learning processes as well as for the psychology of learning and to apply all fields of action that are necessary for the planning of subject-related teaching in their complete interaction. The students know subject-related criteria for the differentiation and logical structuring of complex objects of acquisition in vocational education. They can derive consequences for the methodical design of the learning process depending on the teaching content and the prerequisites of the learners. |  |
| Contents                                     | The contents of the module are the subject didactic basics of the fields of activity for the planning and analysis of teaching and learning processes related to the occupational field. These are in particular the factual-logical structuring of occupational field-related objects of appropriation and the methodical structuring of work process-related teaching and learning processes.  |  |
| Teaching and learning methods                | The module includes 1 SWS lecture, 2 SWS seminar and self-study.   |  |
| Requirements for participation               | The competencies to be acquired in the modules Design of Teaching-Learning Arrangements and Media Applications and Educational Psychology are assumed.   |  |
| Usability                                    | The module is one of five elective modules in the master's degree program Vocational Education and Personnel Capacity Building, three of which must be chosen.   |  |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a term paper of 20 hours.   |  |
| Credit points and grades                     | Five credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.   |  |
| Frequency of the module                      | The module is offered every winter semester.   |  |
| Workload                                     | The total workload is 150 hours.   |  |
| Duration of the module                       | The module covers one semester.  |  |

| Module number                                | Module name  | Responsible lecturer                                    |
|--|--|---|
| EW-VocEd M14                                 | Educational Technology   | Prof. Dr. Thomas Köhler<br>thomas.koehler@tu-dresden.de |
| Qualification goals                          | Students are able to apply educational technology findings and methods in the context of vocational training and with regard to individual competence development. They have the knowledge to conceptualize, design and evaluate scenarios of media-supported knowledge transfer and are familiar with the functions of educational technologies for learning that accompanies the profession and for self-responsible learning. Against the background of the digital transformation, they are able to conceptualize and design didactic media and to use them sustainably in the sense of the Sustainable Development Goals. |   |
| Contents                                     | The contents of the module include scenarios of media-supported knowledge transfer and acquisition, educational technology application fields in vocational education and training as well as the design and use of complex didactic media and teaching-learning scenarios.  |   |
| Teaching and learning methods                | The module includes 2 SWS lecture, 2 SWS EDP exercise and the self-study.  |   |
| Requirements for participation               | The competencies to be acquired in the modules Design of Teaching-Learning Arrangements and Media Applications and Educational Psychology are assumed.   |   |
| Usability                                    | The module is one of five elective modules in the master's degree program Vocational Education and Personnel Capacity Building, three of which must be chosen.   |   |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a complex performance of 30 hours.  |   |
| Credit points and grades                     | Five credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.   |   |
| Frequency of the module                      | The module is offered every winter semester.   |   |
| Workload                                     | The total workload is 150 hours.   |   |
| Duration of the module                       | The module covers one semester.  |   |

| Module number                                | Module name  | Responsible lecturer                                   |
|--|--|--|
| EW-VocEd M15                                 | Human Resources Development  | Prof. Dr. Stephan Abele<br>stephan.abele@tu-dresden.de |
| Qualification goals                          | Students are able to coordinate complex processes of teaching and learning in vocational training work so that personnel work and personnel development are promoted and supported. They know the tasks, goals and functions of personnel work and development in the context of vocational education and training as well as the associated legal foundations. The students are familiar with instruments of personnel work and development and are able to apply them in a targeted manner in professional practice. |  |
| Contents                                     | Contents of the module are the tasks, goals, methods and legal bases of operational personnel development.   |  |
| Teaching and learning methods                | The module includes 2 SWS lecture, 2 SWS seminar and the self-study.   |  |
| Requirements for participation               | The competencies to be acquired in the modules Design of Teaching-Learning Arrangements and Media Applications, Management Processes in Education and Psychology of Education are assumed.   |  |
| Usability                                    | The module is one of five elective modules in the master's degree program Vocational Education and Personnel Capacity Building, three of which must be chosen.   |  |
| Prerequisites for the award of credit points | The credit points are acquired when the module examination has been passed. The module examination consists of a term paper of 25 hours.   |  |
| Credit points and grades                     | Five credit points can be acquired through the module. The module grade corresponds to the grade of the examination performance.   |  |
| Frequency of the module                      | The module is offered every winter semester.   |  |
| Workload                                     | The total workload is 150 hours.   |  |
| Duration of the module                       | The module covers one semester.  |  |

Attachment 2: Study schedule with the type and scope of the courses in SWS as well as required performances, the type, scope and design of which can be found in the module descriptions

| Module-Number | Module name  | 1st semester                       | 2nd semester                | 3rd semester                | 4th semester (M) | LP |
|---------------|--|------------------------------------|-----------------------------|-----------------------------|------------------|----|
|               |  | V/Ü/S/T                            | V/Ü/S/EDV-Ü/T               | V/Ü/S/EDV-Ü/T               | V/Ü/S/T          |    |
| EW-VocEd M1   | Fundamentals of vocational and adult education                                     | 4/0/4/2<br>2 excursions à 4h 1 PL  |                             |                             |                  | 10 |
| EW-VocEd M2   | Design of teaching-learning arrangements and Mediaapplications                     | 2/0/4/2<br>1 PL<br>(8 LP)          | 2/0/0/2/0<br>1 PL<br>(4 LP) |                             |                  | 12 |
| EW-VocEd M3   | Management processes in education  | 2/0/2/0<br>1 PL<br>(5 LP)          | 2/0/2/0/0<br>1 PL<br>(5 LP) |                             |                  | 10 |
| EW-VocEd M4   | Educational Psychology   |                                    | 2/0/2/0/0<br>1 PL           |                             |                  | 6  |
| EW-VocEd M5   | International production and service structures and their Educational Consequences | 0/0/3/0/<br>3 excursions à 4h 1 PL |                             |                             |                  | 5  |
| EW-VocEd M6   | International Approaches to Vocational education and teacher training              |                                    | 0/0/4/0/0<br>1 PL           |                             |                  | 5  |
| EW-VocEd M7   | Development and evaluation of vocational education                                 |                                    | 2/0/2/0/0<br>1 PL           |                             |                  | 6  |
| EW-VocEd M8   | Methods of social science research   |                                    | 0/0/4/0/0<br>1 PL<br>(5 LP) | 0/0/4/0/0<br>1 PL<br>(5 LP) |                  | 10 |

| Module-Number | Module name  | 1st semester | 2nd semester  | 3rd semester   | 4th semester (M)    | LP  |
|---------------|--|--------------|---------------|--|---------------------|-----|
|               |  | V/Ü/S/T      | V/Ü/S/EDV-Ü/T | V/Ü/S/EDV-Ü/T  | V/Ü/S/T             |     |
| EW-VocEd M9   | Professional pedagogical practice                            |              |               | 0/0/0/0<br>90 minutes Lecture<br>and 4 Weeks<br>Internship<br>1 PL |                     | 5   |
| EW-VocEd M10  | Field research on vocational education                       |              |               | 0/0/0/0<br>4 weeks<br>internship<br>1 PL                           |                     | 6   |
| EW-VocEd M11  | Comparative educational for-research and policy <sup>1</sup> |              |               | 0/0/4/0/0<br>1 PL  |                     | 5   |
| EW-VocEd M12  | Leadership through communication <sup>1</sup>                |              |               | 1/1/1/0/0<br>1 PL  |                     | 5   |
| EW-VocEd M13  | Subject didactics <sup>1</sup>                               |              |               | 1/0/2/0/0<br>1 PL  |                     | 5   |
| EW-VocEd M14  | Educational technology <sup>1</sup>                          |              |               | 2/0/0/2/0<br>1 PL  |                     | 5   |
| EW-VocEd M15  | Human resources development <sup>1</sup>                     |              |               | 2/0/2/0/0<br>1 PL  |                     | 5   |
|               |  |              |               |  | Thesis <sup>2</sup> | 27  |
|               |  |              |               |  | Colloquium          | 3   |
|               | LP   | 28           | 31            | 33   | 28                  | 120 |

<sup>1</sup> of which three are to be selected.

<sup>2</sup> The thesis topic is issued at the end of the third semester. LPCredit

points PL Examination performance(s) h Hours

V Lecture S Seminar T Tutorial  
Ü Exercise M Mobility window EDV-Ü EDV

exercise SWS Semester hours per week