

Study Regulations Governing the Single-Subject Master's Degree Programme 'Educational Technology'

25 April 2019

Note: This translation is provided for information purposes only. In the event of any discrepancy between the translation and the original German version published in the Official Bulletin (*Dienstblatt der Hochschulen des Saarlandes*), the provisions of the latter shall take precedence.

Pursuant to Section 60 of the Saarland Higher Education Institutions Act (SHSG) of 30 November 2016 (Official Gazette of Saarland I, p. 1080), as amended by the Act of 22 August 2018 (Official Gazette I, p. 674), and based on the Examination Regulations for Bachelor's and Master's Degrees of Faculty 5 (Humanities Faculty III – Human and Business Sciences) at Saarland University of 5 November 2015 (Official Bulletin 2016, p. 114) and with the consent of the University Senate at Saarland University, the Faculty of Human and Business Sciences at Saarland University hereby issues the following Study Regulations Governing the Single-Subject Master's Degree Programme 'Educational Technology'.

Section 1 Scope

(1) These study regulations, which govern the content and structure of the single-subject Master's degree programme 'Educational Technology', are based on the Examination Regulations for Bachelor's and Master's Degree Programmes of Faculty 5 (Humanities Faculty III – Human and Business Sciences) at Saarland University of 5 November 2015 (Official Bulletin 2016, p. 114) and on the Subject-Specific Regulations for the Single-Subject Master's Programme 'Educational Technology' Supplementing the Examination Regulations for Master's Degree Programmes of Faculty 5 (Humanities Faculty III – Human and Business Sciences) at Saarland University of 25 April 2019 (Official Bulletin 2019, No. 61, p. 648). The organization of the curriculum, teaching and examinations in this programme is the responsibility of the Faculty of Human and Business Sciences at Saarland University.

(2) The single-subject, consecutive Master's degree programme in Educational Technology is a more research-oriented postgraduate degree programme.

Section 2 Academic title

Students who successfully complete the Master's programme will be awarded the degree of Master of Science (M.Sc.) by the Faculty of Human and Business Sciences at Saarland University.

Section 3 Objectives of the degree programme and career relevance

(1) The degree programme Educational Technology aims to provide students with a deeper understanding of the field of educational technology and of the methodological tools used so that they can design, analyse, evaluate and apply (technology-assisted) learning environments.

Students will be taught the skills needed for independent academic enquiry and for designing technology-assisted teaching and learning environments. Graduates from the programme are qualified to take up management positions in areas involving the use of technology-aided curricular tools and learning packages. They are also qualified to provide support, guidance and instruction in how technology can be used to implement and enhance knowledge management in organizations. Employment opportunities for graduates include lead supervisory roles and freelance work researching, designing and developing technology-assisted teaching and learning environments or education and knowledge management systems. They may also be involved in staff development, curriculum planning and implementation or in providing technology consulting and coordination services to public and private organizations, such as schools, universities, museums, libraries, political parties or NGOs.

(2) The academic training that students receive on the M.Sc. Programme 'Educational Technology' also provides a sound foundation for further postgraduate study (e.g. doctoral or PhD research).

Section 4 Start and duration of programme

(1) Students can begin the single-subject Master's programme at the beginning of the winter semester of each year.

(2) The curriculum is organized such that the programme can be completed in four semesters (standard period of study).

Section 5 Types of academic instruction

(1) Lecture courses ('L', standard class size = 100) provide students with an overview of a major subject area or topic within the field of educational technology or they teach students about a narrower more specialized subject area and the research being conducted therein. A lecture is typically an oral presentation by a qualified member of the teaching staff.

(2) Advanced seminars ('AS', standard class size = 25) provide an opportunity for students to broaden the knowledge and skills already acquired and to gain a deeper understanding of a particular area of research by participating in discussions, giving presentations or completing seminar assignments based on their study of the specialist literature and relevant academic sources. A seminar may also include project-related work in areas of current scientific interest or debate. The deeper understanding acquired in the project may act as the foundation for a student's Master's thesis ('MT').

(3) Tutorials ('T', standard class size = 30) serve to impart to students subject-specific skills and methods of academic study and to consolidate their understanding of fundamental aspects of the subject.

All of the above-named types of instruction may deploy educational technologies to differing degrees and students may be required to actively make use of online platforms. In certain modules, students may be required to meet specific exam admission prerequisites ('PR') and to complete graded ('g') or ungraded ('u') academic assessments or examinations.

Section 6

Structure and content of the programme

(1) To graduate from the Master's programme Educational Technology, students shall earn a total of 120 credits as defined by the European Credit Transfer System (ECTS). As a rule, students are required to earn 30 credits per semester.

(2) The degree programme covers modules associated with the sections listed below:

1. Compulsory modules comprising 'EduTech' (14 credits), 'Learning with Media' (12 credits), 'Design' (12 credits), 'Methods I' (15 credits) and 'Master's Thesis' (31 credits)

2. Elective modules comprising 'Methods II' (10 credits), 'Knowledge Management and Communication' (15 credits), 'Computer Science' (31 credits), 'Tutoring' (8 credits) and 'Internship' (6 credits).

(3) Within the compulsory section, students are required to complete the modules 'EduTech', 'Learning with Media', 'Design' and the module element 'Empirical Research Methods II: Experimentation in Practice' from the module 'Methods I'. Any other module elements that a student studies in the module 'Methods I' shall (in terms of curricular content) not already have been studied as part of the student's previous Bachelor's degree. In the elective modules section, students can select either entire modules or individual module elements in accordance with course prerequisites. Academic coursework / academic assessments and examinations already completed as part of the student's Bachelor's degree cannot be repeated and the credits earned cannot be used to fulfil requirements for the Master's degree.

(4) Students are normally required to earn 79 credits in the compulsory section (of which 31 credits are from the 'Master's thesis' module) and at least 41 credits from the electives section.

(5) The number of places available in the module 'Tutoring' are limited. Admission to this module is managed by the module coordinator.

(6) The modules offered in the different sections of the programme may be broadened for one or more semesters by adding modules or module elements that have been previously approved by the Examination Board. These additional modules or module elements, their weighting in ECTS credits and their classification within the different sections of the programme will be announced before the semester begins.

(7) Detailed information regarding the content of modules and module elements is provided in the module catalogue that will be made available in suitable form. Any changes or amendments to the information in the module catalogue not covered in these study regulations shall be reported to the Dean of Studies and documented in appropriate form.

Section 7

Academic assessments and grading scale

Students on the single-subject Master's degree programme in Educational Technology are required to earn 120 ECTS credits from coursework and student assessments and examinations as set out below (g = graded, u = ungraded, PR = prerequisite):

Compulsory module	Std. period of study	Module elements	Form of instruction	Credit hrs/wk	ECTS credits	Semester	Form of assessment
Module 1: EduTech	1-3	EduTech	L	2	4	WS	Presentation, Product (g) + PR
		EduTech Design Challenge	AS	2	4	WS	
		Computer-Supported Collaborative Learning	L	2	4	WS	Exam, Product (g) + PR
		Tech Trends & Gadgets	AS	2	2	SS	Presentation, Product (g) + PR
Total: 14 credits							

Compulsory module	Std. period of study	Module elements	Form of instruction	Credit hrs/wk	ECTS credits	Semester	Form of assessment
Module 2: Learning with Media	2-3	Multi-Media Learning I	AS	2	4	SS	Exam, Product (g) + PR
		Multi-Media Learning II	AS	2	4	WS	Exam, Product (g) + PR
		Self-Regulated Learning with Media	AS	2	4	SS	Exam (g) + PR
Total: 12 credits							

Compulsory module	Std. period of study	Module elements	Form of instruction	Credit hrs/wk	ECTS credits	Semester	Form of assessment
Module 3: Design	1-3	Instructional Design I	AS	2	4	WS	Exam (g) + PR
		Instructional Design II	AS	2	4	SS	Exam, Product (g) + PR
		Design Thinking	AS	2	4	WS	Exam, Product (g) + PR
Total: 12 credits							

Compulsory module	Std. period of study	Module elements	Form of instruction	Credit hrs/wk	ECTS credits	Semester	Form of assessment
Module 4: Methods I	1-2	Empirical Research Methods I: Foundations of Hypothesis Testing	AS+T	2+2	5	WS	Exam, Product (g) + PR
		Empirical Research Methods II: Experimentation in Practice	AS+T	2+2	5	SS	Exam, Product (g) + PR
		Programming for EduTech	AS+T	2+2	5	WS	Exam, Product (g) + PR
Total: 5-15 credits, usually not less than 10 credits							

Elective module	Std. period of study	Module elements	Form of instruction	Credit hrs/wk	ECTS credits	Semester	Form of assessment
Module 5: Methods II	3-4	Empirical Research Methods III: Process Analysis	AS	2	5	WS	Exam, Product (u) + PR
		Empirical Research Methods IV: Eye Tracking	AS	2	5	SS	Exam, Product (u) + PR
Total: 10 credits							

Elective module	Std. period of study	Module elements	Form of instruction	Credit hrs/wk	ECTS credits	Semester	Form of assessment
Module 6: Knowledge Management and Communication	1-4	Collaborative Business Process Management	AS	4	6	once a year	Presentation, Project (g)
		Learning Communities and Social Media	AS	2	3	WS	Presentation, Exam (g) + PVL
		Educational Technology for the Classroom	AS	2	3	SS	Exams (g) + PR
		Intercultural Learning	AS	2	3	SS	Presentation, Seminar paper (g)
Total: 15 credits							

Elective module	Std. period of study	Module elements	Form of instruction	Credit hrs/wk	ECTS credits	Semester	Form of assessment
Module 7: Computer Science	1-3	Artificial Intelligence	L+T	2+2	9	SS	Exam (u)
		Human-Computer Interaction	L+T	4+2	9	WS	Exam (u)
		Interactive Systems	L	2	6	SS	Exam (u)
		Intelligent Tutoring Systems	AS	2	7	every two years	Report (u)
Total: 31 credits							

Elective module	Std. period of study	Module elements	Form of instruction	Credit hrs/wk	ECTS credits	Semester	Form of assessment
Module 8: Tutoring	2-3	Tutor/E-Tutor Training	AS	2	2	SS	Report (u)
		Tutoring + Supervision	T	2	6	WS/ SS	
Total: 8 credits							

Elective module	Std. period of study	Module elements	Form of instruction	Credit hrs/wk	ECTS credits	Semester	Form of assessment
Module 9: Internship	1-4	Internship	-	-	max 6	WS/ SS	Report (u)
Total: 6 credits							

Compulsory module	Std. period of study	Module elements	Form of instruction	Credit hrs/wk	ECTS credits	Semester	Form of assessment
Module 10: Master's degree programmes	4	Master's Thesis	TH	-	30	SS	Thesis (g)
		Master's Seminar	AS	2	1	WS/ SS	
Total: 31 credits							

Section 8 Work placement / Internship and studying abroad

(1) Students on the single-subject Master's degree programme in Educational Technology may undertake a work placement / internship period lasting no more than 180 hours if previously discussed and approved by the programme adviser or the Examination Board. The work placement / internship should take place during the semester break (non-teaching period). The work placement / internship may be undertaken abroad. The company, organization or research institution hosting the work placement / internship shall provide an ungraded certificate confirming that the work placement / internship was completed. The certificate shall be supplemented by a report on the work placement or internship to be compiled by the student. Students may earn a maximum of 6 credits (1 ECTS credit corresponds to 30 hours of practical work experience), which can be used to meet the requirements of the module 'Internship'.

(2) All students on the single-subject Master's degree programme in Educational Technology are encouraged to spend part of the programme studying abroad. Whenever possible, the study abroad phase at a foreign university should be undertaken in the third semester. Students interested in studying abroad should seek advice from a relevant source and should clarify credit transfer arrangements by completing a study abroad learning agreement before they travel. Credits earned from coursework and from student assessments and examinations during a study abroad period will be recognized provided that equivalence has been verified by the programme coordinator. Equivalence shall be recognized provided that, with respect to the learning outcomes, content, scope and academic requirements of the modules taken, there is no significant difference in the time required for completion or in the assessments or examinations used when compared with the the single-subject Master's degree programme in Educational Technology at Saarland University. Information on study abroad opportunities, exchange programmes, scholarships and administrative formalities is available from Saarland University's International Office or from the departmental study advisor. As foreign host universities and scholarship-awarding bodies often have early application deadlines and long application processing times, study abroad applications must normally be submitted one year before the planned start date.

Section 9 Study plan

The Dean of Studies shall compile a programme-specific study plan based on the study regulations. The study plan shall be appended to the study regulations as a recommendation for students on how to structure their studies effectively. The study plan will be made available in suitable form.

Section 10 Study counselling

(1) The Central Student Advisory Service (*Zentrale Studienberatung*) at Saarland University provides counselling and guidance to prospective students and enrolled students concerning the content, structure and requirements of academic study at Saarland University. It can also advise and assist students with respect to their study options as well as with planning and organizing their studies.

(2) Questions concerning curricular demands, learning objectives, admission requirements and programme-specific study planning and organization can be addressed to the programme adviser for 'Educational Technology'.

(3) Questions specific to individual modules should be addressed to the respective module coordinators.

Section 11 Master's thesis

(1) By completing a Master's thesis, students demonstrate that they are able to work independently on addressing an empirical question, a creative design problem or a theoretical-conceptual problem in the field of educational technology. The completion period for the Master's thesis is 900 hours. Students are awarded 30 ECTS credits for completing their Master's thesis.

(2) All students who are working on their Master's thesis shall attend the accompanying Master's research seminar (1 credit). The purpose of the seminar is to clarify any general questions about compiling a Master's thesis and to provide students with an opportunity to present and discuss their work. To be admitted to the Master's research seminar, students shall present a project synopsis that explains the central theoretical concepts, contains the questions to be addressed and the hypotheses to be tested and details the methodological approach that will be adopted.

Section 12 Commencement

These study regulations shall come into force on the day after they are announced in the Official Bulletin of the Institutions of Higher Education in Saarland (Dienstblatt der Hochschulen des Saarlandes).

Saarbrücken, 30 July 2019

President of Saarland University
(Univ.-Prof. Dr. Manfred Schmitt)