

**Subject-Specific Entry and Admissions
Regulations for the Master's Program in Digital
Health at the University of Potsdam**

Dated 13 December 2017

**in the first amended version of the Subject-
Specific Entry and Admissions Regulations
for the Master's Program in
Digital Health
at the University of Potsdam**

Dated January 13, 2021

- non-official consolidated version -

The Faculty Council of the Digital Engineering Faculty of the University of Potsdam has approved on 13 January 2021, the following regulations pursuant to § 9 para. 5 sent. 2, in conjunction with § 72 para. 2 No. 1 of the Brandenburg Higher Education Act (BbgHG) of 28 April 2014 (GVBl.I/14, [No. 18]), last amended by the act of 23 September 2020 (GVBl.I/20, [No. 26]), in conjunction with § 5 para. 4, § 7 para. 2, § 8 para. 2 and § 16 para. 2 of the Brandenburg University Admissions Act (BbgHZG) of 1 July 2015 (GVBl.I/15, [No. 18]), last amended by article 3 of the act of 19 June 2019 (GVBl.I/19, [No.35], p.10) in conjunction with § 2 para. 1-3, 5, § 19 para. 1 and § 20 of the University Admission Ordinance (HZV) of 23 February 2016 (GVBl. II/16, [No. 6]), last amended by the ordinance of 12 August 2020 ([GVBl.II/20, \[No. 69\]](#)) and in accordance with Art. 21 para. 2 No. 1 of the Basic Constitution of the University of Potsdam (GrundO) of 17 December 2009 (AmBek. UP No. 4/2010 p. 60) in the fifth amended version of the Basic Constitution of the University of Potsdam (GrundO) of 21 February 2018 (AmBek. UP No.11/2018 p. 634) as well as the General Rules and Regulations on Access and Admission to Non-Teaching-Oriented Master's Degree Programs at the University of Potsdam (ZuLO) of 24 February 2016 (AmBek. UP No. 3/2016 p. 76), last amended by the statute of [13 May 2020 \(AmBek No. 8/2020, p. 306\)](#):¹

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§ 1 Scope

As a supplement to the General Rules and Regulations on Access and Admission to Non-Teaching-Oriented Master's Degree Programs at the University of Potsdam (Admission Regulations - ZuLO), these Admissions Regulations regulate the entry requirements and higher education selection procedure for the non-teaching-oriented Master's program in Digital Health at the University of Potsdam. Otherwise, the ZuLO applies.

§ 2 Transfer of Tasks in the Procedure

To implement the Entry and Admissions Regulations, the Examining Board can delegate tasks with a purely administrative character to qualified staff members of the study program who are not themselves members of the Examining Board.

§ 3 Entry Requirements

(1) The following special entry requirements apply to the Master's program in Digital Health:

1. A Bachelor's degree, or equivalent first professional qualifying university degree, in a subject relevant to the Master's program of at least 180 credit points either:
 - a) in the area of information technology, e.g. IT systems engineering, computer science, bioinformatics, eHealth or telemedicine, together with basic knowledge comparable to the bridge modules "Introduction to Principles in Medicine" and "Fundamentals of Healthcare Systems" totaling 12 credit points or
 - b) in the area of the study programs for health professions, e.g. medicine, medical science or pharmacy, together with basic knowledge comparable to the bridge modules "Principles of IT-Systems" and "Fundamentals of Programming" totaling 12 credit points.
2. Proof of knowledge in data science, machine learning, statistical concepts and models or empirical research processes amounting to at least 12 credit points.

¹ Approved by the President of the University of Potsdam, 03 March 2021

3. Proof of programming knowledge in R, Python, Matlab, C++, Java or in other suitable programming languages.
4. Proof of proficiency in English equivalent to at least level C1 of the Common European Framework of Reference for Languages.

bridge modules as stated in § 3 para. 1 No. 1 b), admission will not be granted.

(2) A subject is considered relevant to the Master's program if it fulfills the central scientific requirements for the Master's program in Digital Health. The subject provides knowledge and experience in the foundations of IT systems engineering, computer science or in the foundations of medicine, health care provision and research. The Examining Board decides on proof of the suitability of equivalency in individual cases.

(3) The required English-language proficiency is to be proven by one of the certificates listed in § 4 para. 1 of the ZulO. In addition to §4 para. 2, the following certificates may be presented as proof of language proficiency:

- Certificate of Proficiency in English (CPE), at least grade C,
- Pearson Test of English (PTE) Academic, at least 76 points
- College English Test (CET): CET-6, at least 550 points.

Upon application by the candidate, the Examining Board may determine that proof other than that specified in sentences 1 and 2 confirms language proficiency in English corresponding to at least level C1 of the European Framework of Reference for Languages. The documentary evidence must confirm appropriate skills in listening and reading comprehension and in written communication. Evidence of comprehensive and situationally adequate communication skills is required, which correspond to the linguistic requirements of an academic stay abroad to study in a country where English is the target language.

§ 4 Obligation to Participation in Bridge Modules

(1) Insofar as applicants are not able to demonstrate sufficient proof of the required knowledge with regard to the bridge modules, as stated in § 3 para. 1 No. 1 a) or b), they are obligated to complete these modules within the Master's program in the amount of 12 credit points upon admission. Further details are regulated in § 6 of the Discipline-Specific Study and Examination Regulations for the M.Sc. in Digital Health.

(2) If the student lacks knowledge in both the bridge modules as stated in § 3 para. 1 No. 1 a) and the

§ 5 Subject-Specific Test

(1) The subject-specific test examines the competencies of the applicant in the areas of computer science and medicine that qualify him or her for the degree program in Digital Health.

(2) The Examining Board provides the test in English.

(3) The Digital Engineering Faculty provides applicants with the discipline-specific test on its website.

§ 6 Application Deadlines and Documents

(1) Application for the first semester of study in the Master's program in Digital Health is possible annually for the winter semester. Application for a higher semester of study is possible for both the summer and winter semesters.

(2) The ZulO regulates the application deadline.

(3) In addition to those mentioned in § 5 para. 3 ZulO, the following application documents are to be submitted:

(a) Proof of knowledge of English pursuant to § 3 para. 1 no. 4

(b) Proof of knowledge pursuant to § 3 para. 1 no. 2 and 3

(c) Evidence of competence in the areas "Principles of IT-Systems" and "Fundamentals of Programming" or in the areas "Introduction to Principles of Medicine" and "Fundamentals of Healthcare Systems" in the amount of 6 credit points each in the sense of the bridge modules DHBM-IT, DHBM-PR, DHBM-PM and DHBM-HS, according to § 3 para.1 no. 1.

(4) If the study program is subject to admission restrictions, the following documents are required in addition to those mentioned in § 5 para. 4 ZulO:

- (a) A discipline-specific test according to § 5,
- (b) Proof of additional qualifications earned outside of higher education, such as internships completed domestically and abroad; vocational training or activities,
- (c) Proof of special recognition of professional qualifications, for example, in the form of prizes or awards,
- (d) A CV.

§ 7 Quota for Foreign Applicants

In deviation from the quota stated in §19 para. 1 No. 1 HZV, a provisional quota is set for foreign and stateless applicants at 25%, as long as these applicants are not considered "equivalent" to Germans in the sense of the law.

§ 8 Higher Education Selection Process

(1) In the case of admission restrictions for the study program, a higher education selection process is carried out pursuant to § 8 ZulO within the framework of an allocation procedure pursuant to § 9 ZulO, based on the following guidelines. The aim is to determine a ranking of the applicants.

(2) For the calculation of the ranking, a total point value is determined according to § 9 ZulO. The following criteria are used to determine the total point value according to § 9 ZulO:

(a) Overall average grade or current average grade with 51% of the degree pursuant to § 3 para. 1 No. 1,

(b) Evidence of additional qualifications and special professional achievements earned outside of higher education with 24%,

(c) Discipline-specific test pursuant to § 5 with 25%.

(3) The Examining Board evaluates all documented qualifications and professional achievements of the applicant, pursuant to para. 2 (b), that are thematically relevant to the Digital Health program and determines a grade. The following criteria form the basis for the evaluation:

(a) Degree of professional relevance to Digital Health,

(b) Recognizable interest in scientific work in the field of Digital Health,

(c) Recognizability of a career goal.

Each criterion can be rated with 0-3 points, resulting in the following overview:

Total score achieved	Grade
8-9	1.0
6-7	2.0
4-5	3.0
2-3	4.0
0-1	5.0

(4) The Examining Board determines a grade for the discipline-specific test in the selection process.

This grade is determined as follows:

- > 87,5% points achieved:	1.0
- > 75-87,5%:	2.0
- > 62,5-75%:	3.0
- 50-62,5%:	4.0
- < 50%:	5.0

§ 9 Entry into Effect

These regulations take effect on the day following their publication in the Official Announcements of the University of Potsdam.