

2. Satzung zur Änderung der Studien- und Prüfungsordnung für den Bachelor-Studiengang (B.Sc) Health Informatics an der Technischen Hochschule Deggendorf

Vom 09. April 2025

Aufgrund von Art. 9, 80 Abs. 1, 84 Abs. 2 Satz 1 des Bayerischen Hochschulino-
vationsgesetz (BayHIG) vom 5. August 2022 (GVBl. S. 414, BayRS 2210-1-3-WK),
das zuletzt durch § 1 des Gesetzes vom 23. Juli 2024 (GVBl. S. 257) geändert
worden ist, erlässt die Technische Hochschule Deggendorf folgende Satzung:

§ 1 Änderungen

Die Studien- und Prüfungsordnung für den Bachelor-Studiengang Health Informa-
tics vom 01. Oktober 2017, in der Fassung der 1. Änderungssatzung vom 27. März
2019, wird in der Anlage – wie folgt – geändert:

Anlage zur Studien- und Prüfungsordnung für den Bachelor-Studiengang Health Informatics an der Technischen Hochschule Deggendorf

Übersicht über die Module

Bachelor Health Informatics				Category	Semester periods per week (SWS)							ECTS	Form of Course*	Type and Duration in minutes		
Overview of Modules-/Course Number, Module- and Course Description, Semester periods per week (SWS) and ECTS				Informatics	SWS	1. Sem. (WS)	2. Sem. (WS)	3. Sem. (WS)	4. Sem. (WS)	5. Sem. (WS)	6. Sem. (WS)				7. Sem. (WS)	
				Mathematics/ Sciences												
Modules Number	Course Number	Modules	Course	Health												
G-01	G1101	Foundations of Health Care	Foundations of Health Care	Health	4	4								5	L	Written Examination 90 Min.
G-02	G1102	Mathematics	Mathematics	Mathematics/ Sciences	4	4								5	L	Written Examination 90 Min.
G-03	G1103	Foundations of Informatics	Foundations of Informatics	Informatics	4	4								6	Prj, SL	Project Work (PrA)
G-04	G1104	Foundations of Sciences	Foundations of Sciences	Mathematics/ Sciences	4	4								5	SL, P	Written Examination 90 Min.
G-05	G1105	Digital Business	Digital Business	General Foundations	4	4								5	SL, P	Portfolio (PoP)
G-06	G1106	AWP (Foreign Language I)	Foreign Language I ¹⁾	General Foundations	4	4								4	SL	Written Examination 90 Min.
G-07	G2101	Quantitative & Qualitative Research	Quantitative & Qualitative Research	General Foundations	4		4							5	SL, P	Portfolio (PoP)
G-08	G2102	Software Development	Software Development	Informatics	4		4							6	Prj, SL	Portfolio (PoP)
G-09	G2103	Databases and Cloud Computing	Databases and Cloud Computing	Informatics	4		4							5	SL, P	Portfolio (PoP)
G-10	G2104	Applied Statistics & Data Analysis	Applied Statistics & Data Analysis	Mathematics/ Sciences	4		4							5	SL, P	Written Examination 90 Min.
G-11	G2105	Complexity and Risk Management	Complexity and Risk Management	General Foundations	4		4							5	SL, P	Written assignment (PSA)
G-12	G2106	AWP (Foreign Language II)	Foreign Language II ¹⁾	General Foundations	2		2							2	SL	Written Examination 60 Min.
G-13	G2107	AWP	AWP	General Foundations	2		2							2	SL	CWC

Deepening															
G-14	G3101	Medical Documentation and Technology	Medical Documentation and Technology	Health	4						4	5	L	Written Examination 90 Min.	
G-15	G3102	Application of Health Informatics	Application of Health Informatics	Health	4						4	6	SL, P	Portfolio (PoP)	
G-16	G3103	Essentials of Health Informatics	Essentials of Health Informatics	Informatics	4						4	5	Prj, SL	Project Work (PrA)	
G-17	G3104	Media Management	Media Management	Informatics	4						4	5	SL, P	Presentation (Präs) - 10 min	
G-18	G3105	Essentials of Bio-Informatics	Essentials of Bio-Informatics	Informatics	4						4	5	SL, P	Written Examination 90 Min.	
G-19	G3106	AWP (Foreign Language III)	Foreign Language III ¹⁾	General Foundations	4						4	4	SL	Written Examination 90 Min.	
G-20	G4101	Law, Compliance and Ethics	Law, Compliance and Ethics	General Foundations	4						4	5	SL, P	Written assignment (PStA)	
G-21	G4102	Data Science	Data Science	Informatics	4						4	5	Prj, SL	Project Work (PrA)	
G-22	G4103	Operations Research	Operations Research	Informatics	4						4	5	SL, P	Written Examination 90 Min.	
G-23	G4104	AI in Software Development	AI in Software Development	Informatics	4						4	5	SL, P	Portfolio (PoP)	
G-24	G4105	Software Engineering	Software Engineering	Informatics	4						4	6	Prj, SL	Project Work (PrA)	
G-25	G4106	AWP (Foreign Language IV)	Foreign Language IV ¹⁾	General Foundations	2						2	2	SL	Written Examination 60 Min.	
G-26	G4107	AWP	AWP	General Foundations	2						2	2	SL	CWC	
G-27	G5101	Innovation and Product Development	Innovation and Product Development	General Foundations	4						4	5	SL, P	Written assignment (PStA)	
G-28	G5102	Decision Support Systems	Decision Support Systems	Informatics	4						4	5	Prj, SL	Project Work (PrA)	
G-29	G5103	IT-Project Management	IT-Project Management	Informatics	4						4	5	SL, P	Presentation (Präs) - 10 min	
G-30	G5104	National and International Communication in Health Care	National and International Communication in Health Care	Health	4						4	5	SL, P	Written assignment (PStA)	
G-31	G5105	Collaborative Systems	Collaborative Systems	General Foundations	4						4	5	SL, P	Portfolio (PoP)	
FWP* (Subject-Scientific Compulsory Module) A Subject-Scientific Compulsory Module (FWP) must be selected from FWP-1, FWP-2 or FWP-3															
G-32	G5106	FWP-1* Evidence-based Medicine	Evidence-based Medicine	Health	4						4	5	SL, P	Written assignment (PStA)	
G-33	G5107	FWP-2* Software Applications in Health Care	Software Applications in Health Care	Informatics	4						4	5	Prj, SL	Project Work (PrA)	
G-34	G5108	FWP-3* Data Analytics	Data Analysis and Data-Mining	Mathematics/ Sciences	4						4	5	Prj, SL	Project Work (PrA)	
Practical Semesters															
G-35	G6101	Internship (18 weeks)	Internship (18 weeks)											26	
	G6102	Block Seminar to accompany the internship (PLV) 1	Block Seminar to accompany the internship (PLV) 1		2							2	P, S	CWC	
	G6103	Block Seminar to accompany the internship (PLV) 2	Block Seminar to accompany the internship (PLV) 2		2							2	P, S	CWC	
G-36	G7101	AI in Health Care	AI in Health Care	Health	4							4	5	SL, P	Written assignment (PStA)
G-37	G7102	IT-Service and Architecture	IT-Service and Architecture	Informatics	4							4	5	SL, P	Written Examination 90 Min.
G-38	G7103	Entrepreneurship	Entrepreneurship	General Foundations	4							4	5	SL, P	Portfolio (PoP)
G-39	G7104	Digital Health	Digital Health	Health	4							4	6	SL, P	Presentation (Präs) - 15 min
G-40	G7105	Bachelor Thesis		Informatics										9	Bachelor Thesis Bachelorarbeit BA
Total SWS (Semester periods per week) - students					140	24	24	24	24	24	4	16			
Total ECTS-Offer - faculty						30	30	30	30	30	30	30		210	

¹Die Module "Fremdsprache I - IV" sind aufsteigende Sprachkurse in einer Fachfremdsprache, die im Studienplan festgelegt wird. Studierende mit einer anderen Muttersprache als Deutsch haben statt der Module "Fremdsprache I bis IV" vier aufsteigende Sprachkurse in Deutsch (Deutsch I bis IV) mit der doppelten Stundenzahl (jeweils 4 Semesterwochenstunden) abzuschließen.

Abbreviations:

- L = Lesson
- E = Exercise
- SL = Seminars style lesson
- P = Practice exercises
- S = Seminar
- Prj = Project
- schrP = (remote) written examination
- PStA = Written assignment
- Ber = Report
- BA = Bachelor's thesis
- mdip = (remote) oral examination
- Präs = Presentation
- PrA = project work
- PrP = practical examination
- PoP = Portfolio examination
- CWC = Certificate of achievement

§ 2
Inkrafttreten

Die Änderung tritt mit Wirkung zum 01. Oktober 2025 in Kraft.

Ausgefertigt aufgrund des Beschlusses des Hochschulrats vom 26.03.2025, sowie des Fakultätsrats der Fakultät European Campus Rottal Inn der Technischen Hochschule Deggendorf vom 18.03.2025 und der Genehmigung der Hochschulleitung vom 09.04.2025 und der rechtsaufsichtlichen Genehmigung des Vize-Präsidenten der Technischen Hochschule Deggendorf vom 10.04.2025

gez.
Prof. Dr. Marcus Herntrei
Vize-Präsident

Die Satzung wurde am 10.04.2025 in der Technischen Hochschule Deggendorf niedergelegt. Die Niederlegung wurde am 10.04.2025 durch Aushang bekannt gegeben. Tag der Bekanntmachung ist daher der 10.04.2025.